

LESSON PLAN/SESSION PLAN –2023-24 (EVEN SEM)
DEPARTMENT OF KANNADA B A(M) I SEMESTER (NEP)
DR. SOWMYA M COURSE CODE- FHB500
PAPER: ADHUNIKA POORVA KANNADA SAHITHYA
WEEKLY 3 HOUR – 3 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Chanakya Chandra gupthara kapata kalaha	1	Day 1	Chalk& Talk	Direct
2		1 hour	Chanakya Chandra gupthara kapata kalaha	1	Day 2	Chalk& Talk	Direct
3		1 hour	Chanakya Chandra gupthara kapata kalaha	1	Day 3	Chalk& Talk	Direct
4		1 hour	Valmiki darshanam	1	Day 4	Chalk& Talk	Direct
5		1 hour	Valmiki darshanam	1	Day 5	Chalk& Talk	Direct
6		1 hour	Valmiki darshanam	1	Day 6	Chalk& Talk	Direct
7		1 hour	Abhignabharan prasanga	1	Day 7	Chalk& Talk	Direct
8		1 hour	Abhignabharan prasanga	1	Day 8	Chalk& Talk	Direct
9		1 hour	Abhignabharan prasanga	1	Day 9	Chalk& Talk	Direct
10		1 hour	Adhunika poorva kannada sahithya charithre	1	Day 10	Chalk& Talk	Direct
11		1 hour	Adhunika poorva kannada sahithya charithre	1	Day 11	Chalk& Talk	Direct
12		1 hour	Adhunika poorva kannada sahithya charithre	1	Day 12	Chalk& Talk	Direct
13		1 hour	Adhunika poorva kannada sahithya charithre	1	Day 13	Chalk& Talk	Direct
14		1 hour	Swaroopu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Swaroopu	1	Day 15	Chalk& Talk	Direct
16		1 hour	Swaroopu	1	Day 16	Chalk& Talk	Direct
17		1 hour	Thatwapagalu	1	Day 17	Chalk& Talk	Direct
18		1 hour	Thatwapagalu	1	Day 18	Chalk& Talk	Direct
19		1 hour	Gadhya	1	Day 19	Chalk& Talk	Direct
20		1 hour	Gadhya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Nataka	1	Day 21	Chalk& Talk	Direct
22		1 hour	Nataka	1	Day 22	Chalk& Talk	Direct
23		1 hour	Kavya anuvadha	1	Day 23	Chalk& Talk	Direct

24		1 hour	Pramuka barahagararu	1	Day 24	Chalk& Talk	Direct
25		1 hour	Pramuka barahagararu	1	Day 25	Chalk& Talk	Direct
26		1 hour	Pramuka barahagararu	1	Day 26	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA BCA B I SEMESTER (NEP)

DR. SOWMYA M

COURSE CODE- FAB 010

PAPER: GANAKA SIRI-2

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1		1 hour	Yantrashree	1	Day 1	Chalk& Talk	Direct
2		1 hour	Yantrashree	1	Day 2	Chalk& Talk	Direct
3		1 hour	Yantrashree	1	Day 3	Chalk& Talk	Direct
4		1 hour	Dikku	1	Day 4	Chalk& Talk	Direct
5		1 hour	Dikku	1	Day 5	Chalk& Talk	Direct
6		1 hour	Dikku	1	Day 6	Chalk& Talk	Direct
7		1 hour	Coco cola	1	Day 7	Chalk& Talk	Direct
8		1 hour	Coco cola	1	Day 8	Chalk& Talk	Direct
9		1 hour	Kannada matthu thantragnana	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kannada matthu thantragnana	1	Day 10	Chalk& Talk	Direct
11		1 hour		1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA I BCA A I SEMESTER (NEP)

DR. SOWMYA M

COURSE CODE- FAB010

PAPER: GANAKA SIRI-2

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	INTERNET JEDA	1	Day 1	Chalk& Talk	Direct
2		1 hour	INTERNET JEDA	1	Day 2	Chalk& Talk	Direct
3		1 hour	INTERNET JEDA	1	Day 3	Chalk& Talk	Direct
4		1 hour	GANAKASURA	1	Day 4	Chalk& Talk	Direct
5		1 hour	GANAKASURA	1	Day 5	Chalk& Talk	Direct
6		1 hour	GANAKASURA	1	Day 6	Chalk& Talk	Direct
7		1 hour	Digital sanniveshadalli paribhashika padagalu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Digital sanniveshadalli paribhashika padagalu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Arivinajalathana	1	Day 9	Chalk& Talk	Direct
10		1 hour	Arivinajalathana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Arivinajalathana	1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA B C A C I SEMESTER (NEP)

DR. SOWMYA M

COURSE CODE- FAB010

PAPER: GANAKA SIRI -2

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4	1 hour	MANADANNE	1	Day 1	Chalk& Talk	Direct
2		1 hour	MANADANNE	1	Day 2	Chalk& Talk	Direct
3		1 hour	MANADANNE	1	Day 3	Chalk& Talk	Direct
4		1 hour	Dampathya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Dampathya	1	Day 5	Chalk& Talk	Direct
6		1 hour	Girija kanda cinema	1	Day 6	Chalk& Talk	Direct
7		1 hour	Girija kanda cinema	1	Day 7	Chalk& Talk	Direct
8		1 hour	Honnammana kivi mathige ondhu prathikrihe	1	Day 8	Chalk& Talk	Direct
9		1 hour	Honnammana kivi mathige ondhu prathikrihe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Honnammana kivi mathige ondhu prathikrihe	1	Day 10	Chalk& Talk	Direct
11		1 hour		1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA**B A A+B SEM****DR. SOWMYA M****COURSE CODE- FHB010****PAPER: KALA SIRI-1****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	3	1 hour	Bare nanna sharade	1	Day 1	Chalk& Talk	Direct
2		1 hour	Bare nanna sharade	1	Day 2	Chalk& Talk	Direct
3		1 hour	Bare nanna sharade	1	Day 3	Chalk& Talk	Direct
4		1 hour	Preethi illada mele	1	Day 4	Chalk& Talk	Direct
5		1 hour	Preethi illada mele	1	Day 5	Chalk& Talk	Direct
6		1 hour	Preethi illada mele	1	Day 6	Chalk& Talk	Direct
7		1 hour	Avva	1	Day 7	Chalk& Talk	Direct
8		1 hour	Avva	1	Day 8	Chalk& Talk	Direct
9		1 hour	Prethiya poornathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Prethiya poornathe	1	Day 10	Chalk& Talk	Direct
11		1 hour		1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA B A IV SEMESTER (NEP)**DR. SOWMYA M****COURSE CODE- FHD010****PAPER: KALA SIRI-4****WEEKLY 2 HOUR – 2 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	3	1 hour	Maanisaren innuru varsham baldapare	1	Day 1	Chalk& Talk	Direct
2		1 hour	Maanisaren innuru varsham baldapare	1	Day 2	Chalk& Talk	Direct
3		1 hour	Maanisaren innuru varsham baldapare	1	Day 3	Chalk& Talk	Direct
4		1 hour	Janapadha tripadhigalu	1	Day 4	Chalk& Talk	Direct
5		1 hour	Janapadha tripadhigalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Kumaravyasa barathada aydabhaga	1	Day 6	Chalk& Talk	Direct
7		1 hour	Kumaravyasa barathada aydabhaga	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kumaravyasa barathada aydabhaga	1	Day 8	Chalk& Talk	Direct
9		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 9	Chalk& Talk	Direct
10		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 10	Chalk& Talk	Direct
11		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 11	Chalk& Talk	Direct
12		1 hour	Daniyara sathyanarayana	1	Day 12	Chalk& Talk	Direct
13		1 hour	Daniyara sathyanarayana	1	Day 13	Chalk& Talk	Direct
14		1 hour	Namma samskruthiya hemme saladhe	1	Day 14	Chalk& Talk	Direct
15		1 hour	Namma samskruthiya hemme saladhe	1	Day 15	Chalk& Talk	Direct
16		1 hour	Annakkagi Ratri idi kaadhu	1	Day 16	Chalk& Talk	Direct
17		1 hour	Annakkagi Ratri idi kaadhu	1	Day 17	Chalk& Talk	Direct
18		1 hour	Hagalu irulugala naduve	1	Day 18	Chalk& Talk	Direct
19		1 hour	Hagalu irulugala naduve	1	Day 19	Chalk& Talk	Direct
20		1 hour	Hagalu irulugala naduve	1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA B A B SEMESTER (NEP)

DR. SOWMYA M

COURSE CODE- FHD010

PAPER: KALA SIRI-4

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	3	1 hour	Maanisaren innuru varsham baldapare	1	Day 1	Chalk& Talk	Direct
2		1 hour	Maanisaren innuru varsham baldapare	1	Day 2	Chalk& Talk	Direct
3		1 hour	Maanisaren innuru varsham baldapare	1	Day 3	Chalk& Talk	Direct
4		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 4	Chalk& Talk	Direct
5		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 5	Chalk& Talk	Direct
6		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 6	Chalk& Talk	Direct
7		1 hour	Namma samskruthiya hemme saladhe	1	Day 7	Chalk& Talk	Direct
8		1 hour	Namma samskruthiya hemme saladhe	1	Day 8	Chalk& Talk	Direct
9		1 hour	Namma samskruthiya hemme saladhe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Hagalu irulugala naduve	1	Day 10	Chalk& Talk	Direct
11		1 hour	Hagalu irulugala naduve	1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct

15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA
DR. SOWMYA M
PAPER: VIGNANA SIRI-4
WEEKLY 1 HOUR – 1 CREDIT

B SC PS I SEMESTER (NEP)
COURSE CODE- FSB010

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4	1 hour	Upagatha	1	Day 1	Chalk& Talk	Direct
2		1 hour	Upagatha	1	Day 2	Chalk& Talk	Direct
3		1 hour	Upagatha	1	Day 3	Chalk& Talk	Direct
4		1 hour	Aralida lessorgalu	1	Day 4	Chalk& Talk	Direct
5		1 hour	Aralida lessorgalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Aralida lessorgalu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Mahithi thantrajana matthu kannada	1	Day 7	Chalk& Talk	Direct
8		1 hour	Mahithi thantrajana matthu kannada	1	Day 8	Chalk& Talk	Direct
9		1 hour	Mahithi thantrajana matthu kannada	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kannada matthu ganaka yantra	1	Day 10	Chalk& Talk	Direct
11		1 hour	Kannada matthu ganaka yantra	1	Day 11	Chalk& Talk	Direct
12		1 hour	Kannada matthu ganaka yantra	1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct

15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA BBA A II SEMESTER (NEP)
DR. SOWMYA M COURSE CODE- FBB010
PAPER: NIRVAHANA SIRI-4
WEEKLY 2HOUR – 2 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Vachanagalu	1	Day 1	Chalk& Talk	Direct
2		1 hour	Vachanagalu	1	Day 2	Chalk& Talk	Direct
3		1 hour	Ne hinga nodabeda nanna	1	Day 3	Chalk& Talk	Direct
4		1 hour	Ne hinga nodabeda nanna	1	Day 4	Chalk& Talk	Direct
5		1 hour	Ne hinga nodabeda nanna	1	Day 5	Chalk& Talk	Direct
6		1 hour	Nannajana galu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Nannajana galu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Nannajana galu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Nittusitinali nungidanu manada anubhavavanu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nittusitinali nungidanu manada anubhavavanu	1	Day 10	Chalk& Talk	Direct
11		1 hour	Nittusitinali nungidanu manada anubhavavanu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Mochi	1	Day 12	Chalk& Talk	Direct
13		1 hour	Mochi	1	Day 13	Chalk& Talk	Direct
14		1 hour	Mochi	1	Day 14	Chalk& Talk	Direct

15		1 hour	Avva	1	Day 15	Chalk& Talk	Direct
16		1 hour	Avva	1	Day 16	Chalk& Talk	Direct
17		1 hour	Rangada mele irali nanna kone usiru	1	Day 17	Chalk& Talk	Direct
18		1 hour	Rangada mele irali nanna kone usiru	1	Day 18	Chalk& Talk	Direct
19		1 hour	Moksha hudukatha preethiya bandanadalli	1	Day 19	Chalk& Talk	Direct
20		1 hour	Moksha hudukatha preethiya bandanadalli	1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA BCA A SEMESTER (NEP)
DR. SOWMYA M COURSE CODE- FAD010
PAPER:- GANAKA SIRI-2
WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	3	1 hour	Mumbai jathaka	1	Day 1	Chalk& Talk	Direct
2		1 hour	Mumbai jathaka	1	Day 2	Chalk& Talk	Direct
3		1 hour	Hudukidaru sigalolladhu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Hudukidaru sigalolladhu	1	Day 4	Chalk& Talk	Direct
5		1 hour	Dambaru bandhudu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Dambaru bandhudu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Dambaru bandhudu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Lootiya eddarigalu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Lootiya eddarigalu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Lootiya eddarigalu	1	Day 10	Chalk& Talk	Direct
11		1 hour		1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct

13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA B C A A IV SEMESTER (NEP)
DR. SOWMYA M COURSE CODE- FAD010
PAPER: GANAKA SIRI-4
WEEKLY 2 HOUR – 2 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1		1 hour	Ittigeya pattana	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ittigeya pattana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Thapascharana nischaya mananadam	1	Day 3	Chalk& Talk	Direct
4		1 hour	Thapascharana nischaya mananadam	1	Day 4	Chalk& Talk	Direct
5		1 hour	Thapascharana nischaya mananadam	1	Day 5	Chalk& Talk	Direct
6		1 hour	Ondhu sari kaddigagi	1	Day 6	Chalk& Talk	Direct
7		1 hour	Ondhu sari kaddigagi	1	Day 7	Chalk& Talk	Direct
8		1 hour	Ondhu sari kaddigagi	1	Day 8	Chalk& Talk	Direct
9		1 hour	Eradugiligala kathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Eradugiligala kathe	1	Day 10	Chalk& Talk	Direct

11		1 hour	Hullina krantri	1	Day 11	Chalk& Talk	Direct
12		1 hour	Hullina krantri	1	Day 12	Chalk& Talk	Direct
13		1 hour	Hullina krantri	1	Day 13	Chalk& Talk	Direct
14		1 hour	Chaplin	1	Day 14	Chalk& Talk	Direct
15		1 hour	Chaplin	1	Day 15	Chalk& Talk	Direct
16		1 hour	Bisekallu savari	1	Day 16	Chalk& Talk	Direct
17		1 hour	Bisekallu savari	1	Day 17	Chalk& Talk	Direct
18		1 hour	Chigurodeyutthiruva gidada thanmayathe	1	Day 18	Chalk& Talk	Direct
19		1 hour	Chigurodeyutthiruva gidada thanmayathe	1	Day 19	Chalk& Talk	Direct
20		1 hour	Chigurodeyutthiruva gidada thanmayathe	1	Day 20	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24 (ODD SEM)**DEPARTMENT OF KANNADA B C A B I SEMESTER (NEP)****DR. SOWMYA M****COURSE CODE- FAA010****PAPER: GANAKA SIRI-1A****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	AKASHA	1	Day 1	Chalk& Talk	Direct
2		1 hour	SARAJU KATKARA	1	Day 2	Chalk& Talk	Direct
3		1 hour	AKASHA PADHYA	1	Day 3	Chalk& Talk	Direct
4		1 hour	AKASHA PADHYA	1	Day 4	Chalk& Talk	Direct
5		1 hour	MODAGALA SAVU	1	Day 5	Chalk& Talk	Direct
6		1 hour	MODAGALA SAVU	1	Day 6	Chalk& Talk	Direct
7		1 hour	MODAGALA SAVU	1	Day 7	Chalk& Talk	Direct
8		1 hour	AKASHAKKE NEELI PARADE	1	Day 8	Chalk& Talk	Direct
9		1 hour	AKASHAKKE NEELI PARADE	1	Day 9	Chalk& Talk	Direct
10		1 hour	ULKAVRUSTI	1	Day 10	Chalk& Talk	Direct
11		1 hour	ULKAVRUSTI	1	Day 11	Chalk& Talk	Direct
12		1 hour	ULKAVRUSTI	1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA BA(M) I SEMESTER (NEP)****DR. SOWMYA M****COURSE CODE- FHA500****PAPER: MADHYA KALINA KANNADA SAHITHYA****WEEKLY 2 HOUR – 2 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4	1 hour	MADHYAKALINA KANNADA SAHITHYA PARICHAYA	1	Day 1	Chalk& Talk	Direct
2		1 hour	MADHYAKALINA KANNADA SAHITHYA PARICHAYA	1	Day 2	Chalk& Talk	Direct
3		1 hour	VACHANA	1	Day 3	Chalk& Talk	Direct
4		1 hour	TRIPADI	1	Day 4	Chalk& Talk	Direct
5		1 hour	SHATPADHI	1	Day 5	Chalk& Talk	Direct
6		1 hour	RAGALE	1	Day 6	Chalk& Talk	Direct
7		1 hour	RAGALE	1	Day 7	Chalk& Talk	Direct
8		1 hour	ALLAMA	1	Day 8	Chalk& Talk	Direct
9		1 hour	ALLAMA	1	Day 9	Chalk& Talk	Direct
10		1 hour	BASAVANNA	1	Day 10	Chalk& Talk	Direct
11		1 hour	BASAVANNA	1	Day 11	Chalk& Talk	Direct
12		1 hour	AKKA MAHADEVI	1	Day 12	Chalk& Talk	Direct
13		1 hour	AKKA MAHADEVI	1	Day 13	Chalk& Talk	Direct
14		1 hour	HARIHARA	1	Day 14	Chalk& Talk	Direct
15		1 hour	HARIHARA	1	Day 15	Chalk& Talk	Direct
16		1 hour	RAGAVANKA	1	Day 16	Chalk& Talk	Direct
17		1 hour	RAGAVANKA	1	Day 17	Chalk& Talk	Direct
18		1 hour	KUMARAVYASA	1	Day 18	Chalk& Talk	Direct
19		1 hour	KUMARAVYASA	1	Day 19	Chalk& Talk	Direct
20		1 hour	KEERTHANE	1	Day 20	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023 -24**DEPARTMENT OF KANNADA II B C A B IV SEMESTER (NEP)****DR. SOWMYA M****COURSE CODE- FAC010****PAPER: GANAKA SIRI -4****WEEKLY 2 HOUR – 2 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	JANAPADA TRIPADHIGALU	1	Day 1	Chalk& Talk	Direct
2		1 hour	JANAPADA TRIPADHIGALU	1	Day 2	Chalk& Talk	Direct
3		1 hour	SARATHIHAGU NADE	1	Day 3	Chalk& Talk	Direct
4		1 hour	SARATHIHAGU NADE	1	Day 4	Chalk& Talk	Direct
5		1 hour	RAMAN SATTHA SUDDI	1	Day 5	Chalk& Talk	Direct
6		1 hour	RAMAN SATTHA SUDDI	1	Day 6	Chalk& Talk	Direct
7		1 hour	SOMESHWARA SHATAKA	1	Day 7	Chalk& Talk	Direct
8		1 hour	SOMESHWARA SHATAKA	1	Day 8	Chalk& Talk	Direct
9		1 hour	TATTEYAYA KONE HAGULU	1	Day 9	Chalk& Talk	Direct
10		1 hour	TATTEYAYA KONE HAGULU	1	Day 10	Chalk& Talk	Direct
11		1 hour	TATTEYAYA KONE HAGULU	1	Day 11	Chalk& Talk	Direct
12		1 hour	NISHIDDA GADI DAATIDA RUKMABAAYI	1	Day 12	Chalk& Talk	Direct
13		1 hour	NISHIDDA GADI DAATIDA RUKMABAAYI	1	Day 13	Chalk& Talk	Direct
14		1 hour	NISHIDDA GADI DAATIDA RUKMABAAYI	1	Day 14	Chalk& Talk	Direct
15		1 hour	NENTARU	1	Day 15	Chalk& Talk	Direct
16		1 hour	NENTARU	1	Day 16	Chalk& Talk	Direct
17		1 hour	UDUDAARA	1	Day 17	Chalk& Talk	Direct
18		1 hour	UDUDAARA	1	Day 18	Chalk& Talk	Direct
19		1 hour	UDUDAARA	1	Day 19	Chalk& Talk	Direct
20		1 hour	UDUDAARA	1	Day 20	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA B A A IV SEMESTER (NEP)****DR. SOWMYA M****COURSE CODE- FAC010****PAPER: KALA SIRI -4****WEEKLY 3 HOUR – 3 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4	1 hour	Uluva okkalu Magana	1	Day 1	Chalk& Talk	Direct
2		1 hour	Uluva okkalu Magana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Netthamanadi banumathi solthode	1	Day 3	Chalk& Talk	Direct
4		1 hour	Netthamanadi banumathi solthode	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bettada melondhu maneyamadi	1	Day 5	Chalk& Talk	Direct
6		1 hour	Bettada melondhu maneyamadi	1	Day 6	Chalk& Talk	Direct
7		1 hour	Eluthale eddhu yar yara neneyali	1	Day 7	Chalk& Talk	Direct
8		1 hour	Eluthale eddhu yar yara neneyali	1	Day 8	Chalk& Talk	Direct
9		1 hour	Kallinata	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kallinata	1	Day 10	Chalk& Talk	Direct
11		1 hour	Tharave bidu parahimse	1	Day 11	Chalk& Talk	Direct
12		1 hour	Tharave bidu parahimse	1	Day 12	Chalk& Talk	Direct
13		1 hour	Avara paiki nanu obba	1	Day 13	Chalk& Talk	Direct
14		1 hour	Avara paiki nanu obba	1	Day 14	Chalk& Talk	Direct
15		1 hour	Hitlerge pata kalisida kappu sundara	1	Day 15	Chalk& Talk	Direct
16		1 hour	Hitlerge pata kalisida kappu sundara	1	Day 16	Chalk& Talk	Direct
17		1 hour	Hitlerge pata kalisida kappu sundara	1	Day 17	Chalk& Talk	Direct
18		1 hour	Kannachege	1	Day 18	Chalk& Talk	Direct
19		1 hour	Kannachege	1	Day 19	Chalk& Talk	Direct
20		1 hour	Dhanwanthari chikithse	1	Day 20	Chalk& Talk	Direct
21		1 hour	Dhanwanthari chikithse	1	Day 21	Chalk& Talk	Direct
22		1 hour	Merikom santhathi	1	Day 22	Chalk& Talk	Direct
23		1 hour	Merikom santhathi	1	Day 23	Chalk& Talk	Direct
24		1 hour	Kangaalagi kulithu	1	Day 24	Chalk& Talk	Direct
25		1 hour	Kangaalagi kulithu	1	Day 25	Chalk& Talk	Direct

DEPARTMENT OF KANNADA**B B A I SEM****DR. SOWMYA M****COURSE CODE- FBA010****PAPER: NIRVAHANA SIRI-1****WEEKLY 2 HOUR – 2 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4	1 hour	Sayuthidhe nimmanudi	1	Day 1	Chalk& Talk	Direct
2		1 hour	Sayuthidhe nimmanudi	1	Day 2	Chalk& Talk	Direct
3		1 hour	Mumbai jathaka	1	Day 3	Chalk& Talk	Direct
4		1 hour	Mumbai jathaka	1	Day 4	Chalk& Talk	Direct
5		1 hour	Mumbai jathaka	1	Day 5	Chalk& Talk	Direct
6		1 hour	Kannada madhyama	1	Day 6	Chalk& Talk	Direct
7		1 hour	Kannada madhyama	1	Day 7	Chalk& Talk	Direct
8		1 hour	Karnataka rajyothsava	1	Day 8	Chalk& Talk	Direct
9		1 hour	Karnataka rajyothsava	1	Day 9	Chalk& Talk	Direct
10		1 hour	Haadi hadu	1	Day 10	Chalk& Talk	Direct
11		1 hour	Haadi hadu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Nijagallina rani	1	Day 12	Chalk& Talk	Direct
13		1 hour	Nijagallina rani	1	Day 13	Chalk& Talk	Direct
14		1 hour	Dambarubandhadu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Dambarubandhadu	1	Day 15	Chalk& Talk	Direct
16		1 hour	Nanna kannada jagatthu	1	Day 16	Chalk& Talk	Direct
17		1 hour	Nanna kannada jagatthu	1	Day 17	Chalk& Talk	Direct
18		1 hour	Telephone	1	Day 18	Chalk& Talk	Direct
19		1 hour	Telephone	1	Day 19	Chalk& Talk	Direct
20		1 hour	Telephone	1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA B A B IV SEMESTER (NEP)**DR. SOWMYA M****COURSE CODE- FHCO10****PAPER: KALA SIRI-4****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4	1 hour	Netthamanadi banu mathi	1	Day 1	Chalk& Talk	Direct
2		1 hour	Netthamanadi banu mathi	1	Day 2	Chalk& Talk	Direct
3		1 hour	Kallinata	1	Day 3	Chalk& Talk	Direct
4		1 hour	Kallinata	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hitlerge pata kalisida kappu sundara	1	Day 5	Chalk& Talk	Direct
6		1 hour	Hitlerge pata kalisida kappu sundara	1	Day 6	Chalk& Talk	Direct
7		1 hour	Hitlerge pata kalisida kappu sundara	1	Day 7	Chalk& Talk	Direct
8		1 hour	Merikom santhathi	1	Day 8	Chalk& Talk	Direct
9		1 hour	Merikom santhathi	1	Day 9	Chalk& Talk	Direct
10		1 hour	Merikom santhathi	1	Day 10	Chalk& Talk	Direct
11		1 hour		1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA BCA A I SEMESTER (NEP)**DR. SOWMYA M****COURSE CODE- FAA010****PAPER: GANAKA SIRI -1****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	3	1 hour	Ellavalu ellavalu	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ellavalu ellavalu	1	Day 2	Chalk& Talk	Direct
3		1 hour	Ellavalu ellavalu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Badavanadare enu priye	1	Day 4	Chalk& Talk	Direct
5		1 hour	Badavanadare enu priye	1	Day 5	Chalk& Talk	Direct
6		1 hour	Badavanadare enu priye	1	Day 6	Chalk& Talk	Direct
7		1 hour	Ondhu khasagi pathra	1	Day 7	Chalk& Talk	Direct
8		1 hour	Ondhu khasagi pathra	1	Day 8	Chalk& Talk	Direct
9		1 hour	Ondhu khasagi pathra	1	Day 9	Chalk& Talk	Direct
10		1 hour	Hadi hareyadavara avasyakathgalu	1	Day 10	Chalk& Talk	Direct
11		1 hour	Hadi hareyadavara avasyakathgalu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Hadi hareyadavara avasyakathgalu	1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA BCA C I SEMESTER (NEP)**DR. SOWMYA M****COURSE CODE- FAA010****PAPER: GANAKA SIRI -1****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	3	1 hour	Ellavalu ellavalu	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ellavalu ellavalu	1	Day 2	Chalk& Talk	Direct
3		1 hour	Ellavalu ellavalu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Badavanadare enu priye	1	Day 4	Chalk& Talk	Direct
5		1 hour	Badavanadare enu priye	1	Day 5	Chalk& Talk	Direct
6		1 hour	Badavanadare enu priye	1	Day 6	Chalk& Talk	Direct
7		1 hour	Ondhu khasagi pathra	1	Day 7	Chalk& Talk	Direct
8		1 hour	Ondhu khasagi pathra	1	Day 8	Chalk& Talk	Direct
9		1 hour	Ondhu khasagi pathra	1	Day 9	Chalk& Talk	Direct
10		1 hour	Hadi hareyadavara avasyakathegalu	1	Day 10	Chalk& Talk	Direct
11		1 hour	Hadi hareyadavara avasyakathegalu	1	Day 11	Chalk& Talk	Direct

DEPARTMENT OF KANNADA

B C A IV SEMESTER (NEP)

DR. SOWMYA M

COURSE CODE- FAC010

PAPER: GANAKA SIRI-4

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Nalavatthelara swathantra	1	Day 1	Chalk& Talk	Direct
2		1 hour	Nalavatthelara swathantra	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nalavatthelara swathantra	1	Day 3	Chalk& Talk	Direct
4		1 hour	Madi madidavaru	1	Day 4	Chalk& Talk	Direct
5		1 hour	Madi madidavaru	1	Day 5	Chalk& Talk	Direct
6		1 hour	Madi madidavaru	1	Day 6	Chalk& Talk	Direct
7		1 hour	Girijavvana rotti	1	Day 7	Chalk& Talk	Direct
8		1 hour	Girijavvana rotti	1	Day 8	Chalk& Talk	Direct
9		1 hour	Girijavvana rotti	1	Day 9	Chalk& Talk	Direct
10		1 hour		1	Day 10	Chalk& Talk	Direct
11		1 hour		1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA B A A I SEMESTER (NEP)**DR. SOWMYA M****COURSE CODE- FHA010****PAPER: KALA SIRI-1****WEEKLY 1HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Ellarolagondhagu manku timma	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ellarolagondhagu manku timma	1	Day 2	Chalk& Talk	Direct
3		1 hour	Ellarolagondhagu manku timma	1	Day 3	Chalk& Talk	Direct
4		1 hour	Hoovu horaluvudu suryana kadege	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hoovu horaluvudu suryana kadege	1	Day 5	Chalk& Talk	Direct
6		1 hour	Hoovu horaluvudu suryana kadege	1	Day 6	Chalk& Talk	Direct
7		1 hour	Onti salaga	1	Day 7	Chalk& Talk	Direct
8		1 hour	Onti salaga	1	Day 8	Chalk& Talk	Direct
9		1 hour	Holegala mulaka karnataka	1	Day 9	Chalk& Talk	Direct
10	3	1 hour	Holegala mulaka karnataka	1	Day 10	Chalk& Talk	Direct
11		1 hour		1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

DEPARTMENT OF KANNADA B A B I SEMESTER (NEP)**DR. SOWMYA M****COURSE CODE- FHA010****PAPER: KALA SIRI-1****WEEKLY 1HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Ellarolagondhagu manku timma	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ellarolagondhagu manku timma	1	Day 2	Chalk& Talk	Direct
3		1 hour	Ellarolagondhagu manku timma	1	Day 3	Chalk& Talk	Direct
4		1 hour	Hoovu horaluvudu suryana kadege	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hoovu horaluvudu suryana kadege	1	Day 5	Chalk& Talk	Direct
6		1 hour	Hoovu horaluvudu suryana kadege	1	Day 6	Chalk& Talk	Direct
7		1 hour	Onti salaga	1	Day 7	Chalk& Talk	Direct
8		1 hour	Onti salaga	1	Day 8	Chalk& Talk	Direct
9		1 hour	Holegala mulaka karnataka	1	Day 9	Chalk& Talk	Direct
10	3	1 hour	Holegala mulaka karnataka	1	Day 10	Chalk& Talk	Direct
11		1 hour		1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct

DEPARTMENT OF KANNADA B SC PS I SEMESTER (NEP)**DR. SOWMYA M****COURSE CODE- FSA010****PAPER:- VIGNANA SIRI -1****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	3	1 hour	Charithre endare	1	Day 1	Chalk& Talk	Direct
2		1 hour	Charithre endare	1	Day 2	Chalk& Talk	Direct
3		1 hour	Eradu lotagalu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Eradu lotagalu	1	Day 4	Chalk& Talk	Direct
5		1 hour	Eradu lotagalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Illi yaru mukyaralla	1	Day 6	Chalk& Talk	Direct
7		1 hour	Illi yaru mukyaralla	1	Day 7	Chalk& Talk	Direct
8		1 hour	Illi yaru mukyaralla	1	Day 8	Chalk& Talk	Direct
9		1 hour	Sowndarya matthu mybanna	1	Day 9	Chalk& Talk	Direct
10	4	1 hour	Sowndarya matthu mybanna	1	Day 10	Chalk& Talk	Direct
11		1 hour	Sowndarya matthu mybanna	1	Day 11	Chalk& Talk	Direct
12		1 hour		1	Day 12	Chalk& Talk	Direct
13		1 hour		1	Day 13	Chalk& Talk	Direct
14		1 hour		1	Day 14	Chalk& Talk	Direct
15		1 hour		1	Day 15	Chalk& Talk	Direct
16		1 hour		1	Day 16	Chalk& Talk	Direct
17		1 hour		1	Day 17	Chalk& Talk	Direct
18		1 hour		1	Day 18	Chalk& Talk	Direct
19		1 hour		1	Day 19	Chalk& Talk	Direct
20		1 hour		1	Day 20	Chalk& Talk	Direct

			spectrophotometer			
9		1	Quantative applications of colorimetry(determination of Fe,Mo,Cu,Ti,Po4S)	1	Chalk & Talk	Direct
10		1	Nephelometry and turbidimetry-introduction, principles	1	Chalk & Talk	Direct
11		1	Instrumentation of Nephelometry and turbidimetry	1	Chalk & Talk	Direct
12		1	Effects of concentration particle size and wavelength on scattering	1	Chalk & Talk	Direct
13		1	Choice between Nephelometry Applications of Nephelometry	1	Chalk & Talk	Direct
14		1	Applications of turbidimetry-determination of sulphate and phosphate.	1	Chalk & Talk	Direct

SESSION PLAN

BINDU M

Programme: B. Sc. Chemistry

Semester: V Semester-NS: 2023-24

Course Title: Paper 6 Chemistry-5

Course Code: FSE420

Sl No	Unit	Credit hours	Topic of the unit	No of lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	UV-Visible spectroscopy	1	Introduction measurement of absorption intensities, absorption maxima(λ_{max})	1	Chalk & Talk	Direct
2		1	Instrumentation, types of electronic transitions.	1	Chalk & Talk	Direct
3		1	Concept of chromophores and auxochromes.	1	Chalk & Talk	Direct
4		1	Absorption and intensity shifts (bathochromic, hypsochromic, hypochromic, hyperchromic)	1	Chalk & Talk	Direct
5		1	Types of absorption bands(K,R,B and E bands) The effect of solvents temperature and conjugation on absorption.	1	Chalk & Talk	Direct
6		1	Woodward-Fieser rules for calculation of absorption	1	Chalk & Talk	Direct

			maxima for Conjugated dienes(aliphatic , alicyclc, exocyclic)			
7		1	Woodward-Fieser rules for calculation of absorption maxima for Conjugated dienes (homoannular, heteroannular with and/or without extended conjugation)	1	Chalk & Talk	Direct
8		1	Woodward-Fieser rules for calculation of absorption maxima for α,β – Unsaturated carbonyl compounds (aldehydes, ketones, carboxylic acids.)	1	Chalk & Talk	Direct
9		1	Woodward-Fieser rules for calculation of absorption maxima for α,β – Unsaturated carbonyl compounds(esters with and/or without extended conjugation) and Acyl benzene derivatives.	1	Chalk & Talk	Direct
10		1	Absorptions in compounds with N- O bonds ,quionones.	1	Chalk & Talk	Direct
11		1	α -diketones, α -keto aldehydes,benzene and its derivatives.	1	Chalk & Talk	Direct
12		1	Absorption spectra of heterocyclic and	1	Chalk & Talk	Direct

			condensed ring systems(cata-condensed and peri-condensed)			
13		1	Effect of steric hindrance and coplanarity (cis, trans isomers) on absorption.	1	Chalk & Talk	Direct
14		1	The electronic transition in charge transfer complexes.	1	Chalk & Talk	Direct
15		1	Keto- enol tautomers and Numerical problems	1	Chalk & Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: I BA HP,HE (KM&EM) I Semester

Dr. Dharmesha A.G

Paper:DSC 1-FHA46032 Introduction to Ancient World Civilizations

Weekly 3/3 hours – 3/3 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Mesopotamian Civilization	1	Day 1	Chalk& Talk	Direct
2		1 hour	Geographical Background	1	Day 2	Chalk& Talk	Direct
3		1 hour	Sumerians	1	Day 3	Chalk& Talk	Direct
4		1 hour	Kings and Governments	1	Day 4	Chalk& Talk	Direct
5		1 hour	Akkadians	1	Day 5	Chalk& Talk	
6		1 hour	Hammurabi	1	Day 6	Chalk& Talk	Direct
7		1 hour	The Babylonians	1	Day 7	Chalk& Talk	Direct
8		1 hour	Nebuchadnezzar	1	Day 8	Chalk& Talk	Direct
9		1 hour	The Assyrian empire	1	Day 9	Chalk& Talk	Direct
10		1 hour	Decline of Mesopotamian Civilization	1	Day 10	Chalk& Talk	Direct
11		1 hour	Contributions	1	Day 11	Chalk& Talk	Direct
12		1 hour	The Egyptian Civilizations	1	Day 12	Chalk& Talk	Direct
13		1 hour	Political History	1	Day 13	Chalk& Talk	Direct
14		1 hour	Contributions	1	Day 14	Chalk& Talk	Direct
15		1 hour	The Chinese Civilizations	1	Day 15	Chalk& Talk	Direct

16		1 hour	Early Dynasties	1	Day 16	Chalk& Talk	Direct
17		1 hour	Contributions	1	Day 17	Chalk& Talk	Direct
18		1 hour	The Greeks	1	Day 18	Chalk& Talk	Direct
19	2	1 hour	City ,States	1	Day 19	Chalk& Talk	Direct
20		1 hour	Political History	1	Day 20	Chalk& Talk	Direct
21		1 hour	Contributions	1	Day 21	Chalk& Talk	Direct
22		1 hour	Contributions	1	Day 22	Chalk& Talk	Direct
23		1 hour	Olympic Games	1	Day 23	Chalk& Talk	Direct
24		1 hour	Rome Civilizations	1	Day 24	Chalk& Talk	Direct
25		1 hour	Early History	1	Day 25	Chalk& Talk	Direct
26		1 hour	Roman Republic	1	Day 26	Chalk& Talk	Direct
27		1 hour	Political History	1	Day 27	Chalk& Talk	Direct
28		1 hour	Political History	1	Day 28	Chalk& Talk	Direct
29		1 hour	Contributions	1	Day 29	Chalk& Talk	Direct
30		1 hour	Contributions	1	Day 30	Chalk& Talk	Direct
31		1 hour	Art and Architecture	1	Day 31	Chalk& Talk	Direct
32		1 hour	Iranian Civilization	1	Day 32	Chalk& Talk	Direct
33		1 hour	Early History	1	Day 32	Chalk& Talk	Direct
34		1 hour	Achaemenid Empire	1	Day 32	Chalk& Talk	Direct
35		1 hour	Sassanid Empire	1	Day 32	Chalk& Talk	Direct
36		1 hour	Economic Life	1	Day 32	Chalk& Talk	Direct
37		1 hour	Social Life	1	Day 32	Chalk& Talk	Direct
38		1 hour	Religion	1	Day 32	Chalk& Talk	Direct

39		1 hour	Art Decline	1	Day 32	Chalk& Talk	Direct
40		1 hour	Early American Civilization	1	Day 32	Chalk& Talk	Direct
41		1 hour	Mayan Civilization	1	Day 32	Chalk& Talk	Direct
42		1 hour	Astronomy, Calendar Making	1	Day 32	Chalk& Talk	Direct
43			Early African Civilization – Contributions	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: I BA HP,HE (KM&EM) I Semester

Sujathakumari.R

Paper:DSC 2-FHA46034 History of Ancient India (From Earliest to 1026 CE) Weekly 3/3 hours – 3/3 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Sources	1	Day 1	Chalk& Talk	Direct
2		1 hour	Literary sources	1	Day 2	Chalk& Talk	Direct
3		1 hour	Indigenous Sources	1	Day 3	Chalk& Talk	Direct
4		1 hour	Foreign Accounts	1	Day 4	Chalk& Talk	Direct
5		1 hour	Archeological sources	1	Day 5	Chalk& Talk	
6		1 hour	Harappan Culture, Town Planning	1	Day 6	Chalk& Talk	Direct
7		1 hour	Social, Economic and Religious life	1	Day 7	Chalk& Talk	Direct
8		1 hour	Vedic Age- Origin	1	Day 8	Chalk& Talk	Direct
9		1 hour	Political, Social, Economic and Religious life	1	Day 9	Chalk& Talk	Direct
10		1 hour	Later vedic age	1	Day 10	Chalk& Talk	Direct
11		1 hour	Later Vedic age	1	Day 11	Chalk& Talk	Direct
12		1 hour	Jainism-Early History	1	Day 12	Chalk& Talk	Direct
13		1 hour	Mahaveera	1	Day 13	Chalk& Talk	Direct
14		1 hour	Teachings of Mahaveera	1	Day 14	Chalk& Talk	Direct
15		1 hour	Budhism-Early life of Buddha	1	Day 15	Chalk& Talk	Direct
16		1 hour	Teachings of Buddha	1	Day 16	Chalk& Talk	Direct
17		1 hour	Spread of Buddhism	1	Day 17	Chalk& Talk	Direct
18		1 hour	Ancient Republics	1	Day 18	Chalk& Talk	Direct
19	2	1 hour	Mauryans- Chandragupta Maurya	1	Day 19	Chalk& Talk	Direct
20		1 hour	Ashoka	1	Day 20	Chalk& Talk	Direct
21		1 hour	Ashoka & Buddhism	1	Day 21	Chalk& Talk	Direct
22		1 hour	Administration of	1	Day 22	Chalk& Talk	Direct

			Mauryans				
23		1 hour	Art & Architecture	1	Day 23	Chalk& Talk	Direct
24		1 hour	Shathavanas	1	Day 24	Chalk& Talk	Direct
25		1 hour	Gauthamiputra Shathakarni	1	Day 25	Chalk& Talk	Direct
26		1 hour	Contributions of Shathavans	1	Day 26	Chalk& Talk	Direct
27		1 hour	The Kushanas	1	Day 27	Chalk& Talk	Direct
28		1 hour	Kanishka- Achievements	1	Day 28	Chalk& Talk	Direct
29		1 hour	Kanishka & Buddhism	1	Day 29	Chalk& Talk	Direct
30		1 hour	Spread of Buddhism	1	Day 30	Chalk& Talk	Direct
31		1 hour	Contributions of Kushanas	1	Day 31	Chalk& Talk	Direct
32		1 hour	Art & Architecture of Kushanas	1	Day 32	Chalk& Talk	Direct
33		1 hour	Map Study	1	Day 32	Chalk& Talk	Direct
34		1 hour	Seminar by Students	1	Day 32	Chalk& Talk	Direct
35		1 hour	The Gupthas	1	Day 32	Chalk& Talk	Direct
36		1 hour	Political History	1	Day 32	Chalk& Talk	Direct
37		1 hour	Cultural Contributions	1	Day 32	Chalk& Talk	Direct
38		1 hour	The Vardhanas	1	Day 32	Chalk& Talk	Direct
39		1 hour	The Harshavardhana	1	Day 32	Chalk& Talk	Direct
40		1 hour	The Pallvas	1	Day 32	Chalk& Talk	Direct
41		1 hour	Cultural Contributions	1	Day 32	Chalk& Talk	Direct
42		1 hour	The Cholas	1	Day 32	Chalk& Talk	Direct
43		1 hour	Political History	1	Day 32	Chalk& Talk	Direct
44		1 hour	Cultural Contributions	1	Day 32	Chalk& Talk	Direct
45		1 hour	The Rajapuths	1	Day 32	Chalk& Talk	Direct
46		1 hour	Political History	1	Day 32	Chalk& Talk	Direct
47		1 hour	Cultural Contributions	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-2024

Department of History: I BA HP, HE (KM&EM) II Semester

Name: Dr. Dharmesha A.G

Paper: DSC -3 - FHB45032 Introduction to Medieval World Civilization

Weekly 3/3hours – 3/3 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Arab and Persian Civilizations	1	Day 1	Chalk& Talk	Direct
2		1 hour	Introduction to Medieval World Civilizations	1	Day 2	Chalk& Talk	Direct
3		1 hour	Terminology and Periodization	1	Day 3	Chalk& Talk	Direct
4		1 hour	Transitions and Historical Debates	1	Day 4	Chalk& Talk	Direct
5		1 hour	Arab Civilization	1	Day 5	Chalk& Talk	
6		1 hour	Introduction	1	Day 6	Chalk& Talk	Direct
7		1 hour	Geographical Background –Arb on the Eve of the rise of Islam	1	Day 7	Chalk& Talk	Direct
8		1 hour	Birth of Islam – Origin and Spread of Islam – The Doctrines of Islam	1	Day 8	Chalk& Talk	Direct
9		1 hour	The Caliphate State	1	Day 9	Chalk& Talk	Direct
10		1 hour	Rashidun Caliphs	1	Day 10	Chalk& Talk	Direct
11		1 hour	The Umayyid Capliphate	1	Day 11	Chalk& Talk	Direct
12		1 hour	The Abbasid Calophate	1	Day 12	Chalk& Talk	Direct

13		1 hour	The Fatimid Caliphate	1	Day 13	Chalk& Talk	Direct
14		1 hour	The end of Arab Empire	1	Day 14	Chalk& Talk	Direct
15		1 hour	Arab Contributions to Medieval World	1	Day 15	Chalk& Talk	Direct
16		1 hour	Islamic Religious Traditions	1	Day 16	Chalk& Talk	Direct
17		1 hour	Bookmaking - Arab Literature	1	Day 17	Chalk& Talk	Direct
18		1 hour	Philosophy	1	Day 18	Chalk& Talk	Direct
19	2	1 hour	Art and Architecture	1	Day 19	Chalk& Talk	Direct
20		1 hour	Persian Civilization		Day 20	Chalk& Talk	Direct
21		1 hour	Introduction	1	Day 21	Chalk& Talk	Direct
22		1 hour	Early History	1	Day 22	Chalk& Talk	Direct
23		1 hour	Conquest of Mesopotamia		Day 23	Chalk& Talk	Direct
24		1 hour	Persian Rids in Mesopotamia	1	Day 24	Chalk& Talk	Direct
25		1 hour	Conquest of Mesopotamia	1	Day 25	Chalk& Talk	Direct
26		1 hour	Administration	1	Day 26	Chalk& Talk	Direct
27		1 hour	Religion	1	Day 27	Chalk& Talk	Direct
28		1 hour	Language of Persia	1	Day 28	Chalk& Talk	Direct
29		1 hour	Urbanization	1	Day 29	Chalk& Talk	Direct
30		1 hour	Safavid Dynasty	1	Day 30	Chalk& Talk	Direct
31		1 hour	Political History	1	Day 31	Chalk& Talk	Direct
32		1 hour	Contribution	1	Day 32	Chalk& Talk	Direct
33		1 hour	Contribution	1	Day 32	Chalk& Talk	Direct
34		1 hour	European Civilization	1	Day 32	Chalk& Talk	Direct
35		1 hour	Introduction	1	Day 32	Chalk& Talk	Direct

36		1 hour	Europe in the Early Middle Ages	1	Day 32	Chalk& Talk	Direct
37		1 hour	New States in Response to Invasions	1	Day 32	Chalk& Talk	Direct
38		1 hour	The Age of Feudalism in Europe	1	Day 32	Chalk& Talk	Direct
39		1 hour	Religious Developments in Medieval Europe	1	Day 32	Chalk& Talk	Direct
40		1 hour	Struggle between Secular and Spiritual Authority	1	Day 32	Chalk& Talk	Direct
41		1 hour	The Middle Ages in Europe	1	Day 32	Chalk& Talk	Direct
42		1 hour	Byzantine Empire	1	Day 32	Chalk& Talk	Direct
43		1 hour	Crusades	1	Day 32	Chalk& Talk	Direct
44		1 hour	Growth of Economy and Culture in Medieval Western	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-2024

Department of History: I BA HE (EM) II Semester

Sujathakumari.R

Paper:- DSC 4 -FHB46034 History of Medieval India (1206-1761)

Weekly 3/3 hours – 3/3 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Sources	1	Day 1	Chalk& Talk	Direct
2		1 hour	Advent of Arabs and Turks	1	Day 2	Chalk& Talk	Direct
3		1 hour	Turkish Invasions	1	Day 3	Chalk& Talk	Direct
4		1 hour	Mohammad of Ghor	1	Day 4	Chalk& Talk	Direct
5		1 hour	Battles of Tarain	1	Day 5	Chalk& Talk	
6		1 hour	Contributions of Rajputs	1	Day 6	Chalk& Talk	Direct
7	2	1 hour	Delhi Sultanate-Early Turkish Rule	1	Day 7	Chalk& Talk	Direct
8		1 hour	The Slave Dynasty	1	Day 8	Chalk& Talk	Direct
9		1 hour	Ilthumish,Raziya Sultan & Bulban	1	Day 9	Chalk& Talk	Direct
10		1 hour	The Khaljis	1	Day 10	Chalk& Talk	Direct
11		1 hour	Allauddin Khilji-Achievements	1	Day 11	Chalk& Talk	Direct
12		1 hour	Administrative Reforms	1	Day 12	Chalk& Talk	Direct
13		1 hour	The Tughluqs	1	Day 13	Chalk& Talk	Direct
14		1 hour	Mohammad bin Tughluqus	1	Day 14	Chalk& Talk	Direct
15		1 hour	Administrative Experiments	1	Day 15	Chalk& Talk	Direct
16	3	1 hour	The Great Moghuls	1	Day 16	Chalk& Talk	Direct
17		1 hour	Babar	1	Day 17	Chalk& Talk	Direct
18		1 hour	Battles of Babar	1	Day 18	Chalk& Talk	Direct
19		1 hour	Revival of Afghan Rule	1	Day 19	Chalk& Talk	Direct
20		1 hour	Shersha	1	Day 20	Chalk& Talk	Direct
21		1 hour	Administration of Shersha	1	Day 21	Chalk& Talk	Direct
22		1 hour	Humayun	1	Day 22	Chalk& Talk	Direct
23		1 hour	Akbar	1	Day 23	Chalk& Talk	Direct

24		1 hour	Expansion of the Empire	1	Day 24	Chalk& Talk	Direct
25		1 hour	Administrative Reforms	1	Day 25	Chalk& Talk	Direct
26		1 hour	Religious Policy	1	Day 26	Chalk& Talk	Direct
27		1 hour	Din E lahi	1	Day 27	Chalk& Talk	Direct
28		1 hour	Jahangir	1	Day 28	Chalk& Talk	Direct
29		1 hour	Shahajahan	1	Day 29	Chalk& Talk	Direct
30		1 hour	Aurangazeb	1	Day 30	Chalk& Talk	Direct
31		1 hour	Religious Policy & Deccan Policy	1	Day 31	Chalk& Talk	Direct
32		1 hour	Contributions of Moghals	1	Day 32	Chalk& Talk	Direct
33		1 hour	Contributions of Moghals	1	Day 33	Chalk& Talk	Direct
34		1 hour	Contributions of Moghals	1	Day 34	Chalk& Talk	Direct
35		1 hour	Map Study	1	Day 35	Chalk& Talk	Direct
36		1 hour	Bhkti nd Sufi Movements	1	Day 35	Chalk& Talk	Direct
37		1 hour	The Marthas	1	Day 35	Chalk& Talk	Direct
38		1 hour	Rise of the Maratha Power Under Shivaji	1	Day 35	Chalk& Talk	Direct
39		1 hour	Third Battle of Panipat 1761	1	Day 35	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: II BA HP, HE (KM&EM) III Semester

Dr. Dharmesha A.G.

DSC -5 -FHC45032 Rise of Modern West (1600-1871)

Weekly 1/1hours – 1/1 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Europe Expands and Divides the Overseas Discoveries.	1	Day 1	Chalk& Talk	Direct
2		1 hour	Causes for Discoveries	1	Day 2	Chalk& Talk	Direct
3		1 hour	Important Discoveries	1	Day 3	Chalk& Talk	Direct
4		1 hour	Conquests of Portugal	1	Day 4	Chalk& Talk	Direct
5		1 hour	Conquests of Spain	1	Day 5	Chalk& Talk	
6		1 hour	Transition from Feudalism to Capitalism	1	Day 6	Chalk& Talk	Direct
7		1 hour	Capitalism	1	Day 7	Chalk& Talk	Direct
8		1 hour	Mercantilism and Commercial Revolution	1	Day 8	Chalk& Talk	Direct
9		1 hour	Early Colonial Expansion and Overseas Trade Motives	1	Day 9	Chalk& Talk	Direct
10		1 hour	Beginning of the Ear of Colonization	1	Day 10	Chalk& Talk	Direct
11		1 hour	Mining and Plantation	1	Day 11	Chalk& Talk	Direct
12		1 hour	African Slaves	1	Day 12	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: II BA HP, HE (KM&EM) III Semester

Dr. Naveen Kumari

DSC - 5 - FHC45032 Rise of Modern West (1600-1871)

Weekly 2/2hours – 2/2 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Renaissance and Reformation	1	Day 1	Chalk& Talk	Direct
2		1 hour	Meaning of Renaissance	1	Day 2	Chalk& Talk	Direct
3		1 hour	Spread of Renaissance	1	Day 3	Chalk& Talk	Direct
4		1 hour	Renaissance of Art, Architecture	1	Day 4	Chalk& Talk	Direct
5		1 hour	Music, Literature, Science	1	Day 5	Chalk& Talk	
6		1 hour	Reformations	1	Day 6	Chalk& Talk	Direct
7		1 hour	Counter Reformation	1	Day 7	Chalk& Talk	Direct
8		1 hour	The New Absolute Monarchies	1	Day 8	Chalk& Talk	Direct
9		1 hour	Emergence of Nation States	1	Day 9	Chalk& Talk	Direct
10		1 hour	Theories of Government	1	Day 10	Chalk& Talk	Direct
11		1 hour	Divine Right of Kings	1	Day 11	Chalk& Talk	Direct
12		1 hour	Absolutism in Various States	1	Day 12	Chalk& Talk	Direct
13		1 hour	Spain ,portugal, England	1	Day 12	Chalk& Talk	Direct

14		1 hour	France	1	Day 12	Chalk& Talk	Direct
15		1 hour	Austria	1	Day 12	Chalk& Talk	Direct
16		1 hour	Russia	1	Day 12	Chalk& Talk	Direct
17		1 hour	Scientific Revolution and The Age of Enlightenment	1	Day 12	Chalk& Talk	Direct
18		1 hour	Growth of Chemistry	1	Day 12	Chalk& Talk	Direct
19		1 hour	Geology and Biology	1	Day 12	Chalk& Talk	Direct
20		1 hour	Major Events of Enlightenment	1	Day 12	Chalk& Talk	Direct
21		1 hour	The Growth of Liberalism	1	Day 12	Chalk& Talk	Direct
22		1 hour	Democracy	1	Day 12	Chalk& Talk	Direct
23		1 hour	Industrial Revolution	1	Day 12	Chalk& Talk	Direct
24		1 hour	Scientific	1	Day 12	Chalk& Talk	Direct
25		1 hour	Technological Background	1	Day 12	Chalk& Talk	Direct
26			Consolidation of Large Nation States				
27		1 hour	Unification of Italy	1	Day 12	Chalk& Talk	Direct
28		1 hour	The Founding of the Germany Empire	1	Day 12	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: II BA HP, HE (KM&EM) III Semester

Name: Dr. NaveenaKumari

Paper DSC- 6 - FHC46034 History of Modern in India (1757 - 1947)

Weekly 2/2hours – 2/2 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Revolt of 1857 causes	1	Day 1	Chalk& Talk	Direct
2		1 hour	Consequences and results	1	Day 2	Chalk& Talk	Direct
3		1 hour	Impact of Revolt	1	Day 3	Chalk& Talk	Direct
4		1 hour	Queens proclamation act of 1858	1	Day 4	Chalk& Talk	Direct
5		1 hour	Administrative policies	1	Day 5	Chalk& Talk	
6		1 hour	Socio Religious Reform movements	1	Day 6	Chalk& Talk	Direct
7		1 hour	Brahma samaja	1	Day 7	Chalk& Talk	Direct
8		1 hour	Arya samaja	1	Day 8	Chalk& Talk	Direct
9		1 hour	Ramakrishna mission	1	Day 9	Chalk& Talk	Direct
10		1 hour	Swamy Vivekananda	1	Day 10	Chalk& Talk	Direct
11		1 hour	The wahabi movement	1	Day 11	Chalk& Talk	Direct
12		1 hour	Aligarh movement	1	Day 12	Chalk& Talk	Direct
13		1 hour	The national movement	1	Day 12	Chalk& Talk	Direct
14		1 hour	INA -1885	1	Day 12	Chalk& Talk	Direct
15		1 hour	Moderate Phase 1885 – 1905	1	Day 12	Chalk& Talk	Direct
16		1 hour	The rise of nationalism Extremism (1905-1914)	1	Day 12	Chalk& Talk	Direct
17		1 hour	Partition of Bengal	1	Day 12	Chalk& Talk	Direct

18		1 hour	Swadeshi Movement	1	Day 12	Chalk& Talk	Direct
19		1 hour	Ghadar Movement	1	Day 12	Chalk& Talk	Direct
20		1 hour	Home rule movement	1	Day 12	Chalk& Talk	Direct
21		1 hour	The Muslim league	1	Day 12	Chalk& Talk	Direct
22		1 hour	Luknow Congress session 1916 Jalianwalabagh Massacre	1	Day 12	Chalk& Talk	Direct
23		1 hour	Gandhian Era	1	Day 12	Chalk& Talk	Direct
24		1 hour	Simon commission	1	Day 12	Chalk& Talk	Direct
25		1 hour	Civil disobedience movement	1	Day 12	Chalk& Talk	Direct
26		1 hour	Round table conferences	1	Day 12	Chalk& Talk	Direct
27		1 hour	Quit India movement INA	1	Day 12	Chalk& Talk	Direct
28		1 hour	Indian independence	1	Day 12	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: II BA HP, HE (KM&EM) III Semester

Name: SujathaKumari R

Paper DSC- 6 - FHC46034 History of Modern in India (1757 - 1947)

Weekly 1/1hours – 1/1 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	The Arrival of Europeans in India	1	Day 1	Chalk& Talk	Direct
2		1 hour	The Portuguese and Dutch's	1	Day 2	Chalk& Talk	Direct
3		1 hour	The English and French	1	Day 3	Chalk& Talk	Direct
4		1 hour	Carnatic wars	1	Day 4	Chalk& Talk	Direct
5		1 hour	The battle of Plessey	1	Day 5	Chalk& Talk	
6		1 hour	The Battle of Buxer	1	Day 6	Chalk& Talk	Direct
7		1 hour	Conquest of Mysore and Marathas	1	Day 7	Chalk& Talk	Direct
8		1 hour	Anglo Mysore Wars	1	Day 8	Chalk& Talk	Direct
9		1 hour	Anglo Maratha Wars	1	Day 9	Chalk& Talk	Direct
10		1 hour	Impact of British Economy polity and Administration	1	Day 10	Chalk& Talk	Direct
11		1 hour	The regulating Act Pitts India Act	1	Day 11	Chalk& Talk	Direct
12		1 hour	Revenue Administration	1	Day 12	Chalk& Talk	Direct
13		1 hour	Judicial services	1	Day 12	Chalk& Talk	Direct
14		1 hour	Spread of Modern education	1	Day 12	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024**Department of History: II BA HP, HE (KM&EM) IV Semester****Name: Dr. Naveenkumari****DSC -7 - FHD45032 History of Karnataka (From earliest times to 10th Century CE)****Weekly 2/2hours – 2/2 Credits**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Survey of Sources	1	Day 1	Chalk& Talk	Direct
2		1 hour	Mauryans in Karnataka	1	Day 2	Chalk& Talk	Direct
3		1 hour	The Shathavahanas – Gautamiputra shatakarni	1	Day 3	Chalk& Talk	Direct
4		1 hour	The Kadamas of Banavasi	1	Day 4	Chalk& Talk	Direct
5		1 hour	The Gangas of Talakadu	1	Day 5	Chalk& Talk	
6		1 hour	The Chalukyas of Badami - Pulakeshi -II	1	Day 6	Chalk& Talk	Direct
7		1 hour	Polity, Administration and land grants	1	Day 7	Chalk& Talk	Direct
8		1 hour	The Rastrakutas - Govinda -III	1	Day 8	Chalk& Talk	Direct
9		1 hour	Amoghavarsha – Polity and Administration	1	Day 9	Chalk& Talk	Direct
10		1 hour	Vikramaditya-6	1	Day 10	Chalk& Talk	Direct
11		1 hour	Polity and administration	1	Day 11	Chalk& Talk	Direct
12		1 hour	Minor Dynasties	1	Day 12	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: II BA HP, HE (KM&EM) IV Semester

Name: Smt. Sujathakumari R.

DSC -7 - FHD45032 History of Karnataka (From earliest times to 10th Century CE)

Weekly 1/1hours – 1/1 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Survey of Sources	1	Day 1	Chalk& Talk	Direct
2		1 hour	Survey of Sources	1	Day 1	Chalk& Talk	Direct
3		1 hour	Mauryans in Karnataka	1	Day 2	Chalk& Talk	Direct
4		1 hour	The Shathavahanas –	1	Day 3	Chalk& Talk	Direct
5		1 hour	Gautamiputra shatakarni	1	Day 3	Chalk& Talk	Direct
6		1 hour	Contributions of Shathavahanas	1	Day 4	Chalk& Talk	Direct
5		1 hour	The Gangas of Talakadu	1	Day 5	Chalk& Talk	
6		1 hour	The Chalukyas of Badami - Pulakeshi -II	1	Day 6	Chalk& Talk	Direct
7		1 hour	Polity, Administration and land grants	1	Day 7	Chalk& Talk	Direct
8		1 hour	The Rastrakutas - Govinda -III	1	Day 8	Chalk& Talk	Direct
9		1 hour	Amoghavarsha – Polity and Administration	1	Day 9	Chalk& Talk	Direct
10		1 hour	Vikramaditya-6	1	Day 10	Chalk& Talk	Direct
11		1 hour	Polity and administration	1	Day 11	Chalk& Talk	Direct
12		1 hour	Minor Dynasties	1	Day 12	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024
Department of History: II BA HP, HE (KM&EM) IV Semester
Name: Dr. Dharmesha A.G.
DSC -8 - FHD45032 History of Europe (1871-1945)
Weekly 1/1hours – 1/1 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	The German Empire – 1871-1914	1	Day 1	Chalk& Talk	Direct
2		1 hour	Domestic and Foreign Policy of Bismarck	1	Day 1	Chalk& Talk	Direct
3		1 hour	Domestic and Foreign Policy of Bismarck and William Kaiser -II	1	Day 2	Chalk& Talk	Direct
4		1 hour	Personality of Bismarck	1	Day 3	Chalk& Talk	Direct
5		1 hour	III Republic of France	1	Day 3	Chalk& Talk	Direct
6		1 hour	Domestic Policy of France	1	Day 4	Chalk& Talk	Direct
5		1 hour	Foreign Policy of France	1	Day 5	Chalk& Talk	
6		1 hour	Colonialism of and imperialism in Asia 19 th and 20 th century	1	Day 6	Chalk& Talk	Direct
7		1 hour	Colonialism of and imperialism in Africa 19 th and 20 th century	1	Day 7	Chalk& Talk	Direct
8		1 hour	Eastern Question	1	Day 8	Chalk& Talk	Direct
9		1 hour	Serbian Independence	1	Day 9	Chalk& Talk	Direct
10		1 hour	Paris treaty	1	Day 10	Chalk& Talk	Direct
11		1 hour	Berlin treaty	1	Day 11	Chalk& Talk	Direct
12		1 hour	Congress of Berlin	1	Day 12	Chalk& Talk	Direct

13		1 hour	Quiz Programme	1	Day 12	Chalk& Talk	Direct
14		1 hour	Seminar by Students	1	Day 12	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: II BA HP, HE (KM&EM) IV Semester

Name: Dr. Naveenkumari

DSC -8 - FHD45032 History of Europe (1871-1945)

Weekly 2/2hours – 2/2 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	The first world war Causes	1	Day 1	Chalk& Talk	Direct
2		1 hour	The first world war Course	1	Day 1	Chalk& Talk	Direct
3		1 hour	The first world war results	1	Day 2	Chalk& Talk	Direct
4		1 hour	The versailles treaty - 1919	1	Day 3	Chalk& Talk	Direct
5		1 hour	14 points Woodro willson	1	Day 3	Chalk& Talk	Direct
6		1 hour	League of nations	1	Day 4	Chalk& Talk	Direct
5		1 hour	Organizations	1	Day 5	Chalk& Talk	
6		1 hour	Achievements and Failures	1	Day 6	Chalk& Talk	Direct
7		1 hour	Rise of totalitarianism in Europe	1	Day 7	Chalk& Talk	Direct
8		1 hour	Russian Revolution - 1917 - Causes	1	Day 8	Chalk& Talk	Direct
9		1 hour	Russian Revolution - 1917 - Results	1	Day 9	Chalk& Talk	Direct
10		1 hour	Role of Lenin and NEP	1	Day 10	Chalk& Talk	Direct
11		1 hour	New Construction of Soviet Russia	1	Day 11	Chalk& Talk	Direct

12		1 hour	Stalin and Planning Economy	1	Day 12	Chalk& Talk	Direct
13		1 hour	Failure of Weimer Republic	1	Day 12	Chalk& Talk	Direct
14		1 hour	Rise of Nazism	1	Day 12	Chalk& Talk	Direct
15		1 hour	Domestic and Foreign Policy of Hitler	1	Day 12	Chalk& Talk	Direct
16		1 hour	Formation of Greater Germany – Military organization	1	Day 12	Chalk& Talk	Direct
17		1 hour	Formation of Axis	1	Day 12	Chalk& Talk	Direct
18		1 hour	Fascism in Italy	1	Day 12	Chalk& Talk	Direct
19		1 hour	Domestic and Foreign Policy of Mussolini	1	Day 12	Chalk& Talk	Direct
20		1 hour	The Second world war Causes	1	Day 12	Chalk& Talk	Direct
21		1 hour	The Second world war Course	1	Day 12	Chalk& Talk	Direct
22		1 hour	The Second world war results	1	Day 12	Chalk& Talk	Direct
23		1 hour	The Peace Treaties	1	Day 12	Chalk& Talk	Direct
24		1 hour	Formation of UNO	1	Day 12	Chalk& Talk	Direct
25		1 hour	Achievements and Failures of UNO	1	Day 12	Chalk& Talk	Direct
26		1 hour	Historical Places	1	Day 12	Chalk& Talk	Direct
27		1 hour	Quiz Programme	1	Day 12	Chalk& Talk	Direct
28		1 hour	Seminar by Students	1	Day 12	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: I BA HP, HE (KM&EM) V Semester

Name: Smt. Sujathakumari.R

Paper: DSC 9 -FHE450 History of Karnataka (From 11th Century to 1761 CE)

Weekly 4/4 hours – 4/4 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Sources	1	Day 1	Chalk& Talk	Direct
2		1 hour	Literary sources	1	Day 2	Chalk& Talk	Direct
3		1 hour	Indigenous Sources	1	Day 3	Chalk& Talk	Direct
4		1 hour	Foreign Accounts	1	Day 4	Chalk& Talk	Direct
5		1 hour	Archeological sources	1	Day 5	Chalk& Talk	Direct
6		1 hour	Kaluchries	1	Day 6	Chalk& Talk	Direct
7		1 hour	Bijjala - II	1	Day 7	Chalk& Talk	Direct
8		1 hour	Seunas	1	Day 8	Chalk& Talk	Direct
9		1 hour	Political History	1	Day 9	Chalk& Talk	Direct
10		1 hour	Basaweswara	1	Day 10	Chalk& Talk	Direct
11		1 hour	Early history	1	Day 11	Chalk& Talk	Direct
12		1 hour	Socio – Religious Movement	1	Day 12	Chalk& Talk	Direct
13		1 hour	Veerashaiva Movement	1	Day 13	Chalk& Talk	Direct
14		1 hour	The Hoysalas	1	Day 14	Chalk& Talk	Direct
15		1 hour	Origin and Early History	1	Day 15	Chalk& Talk	Direct
16		1 hour	Vishnuvardhana	1	Day 16	Chalk& Talk	Direct
17		1 hour	Conquests	1	Day 17	Chalk& Talk	Direct
18		1 hour	Cultural Contributions	1	Day 18	Chalk& Talk	Direct
19	2	1 hour	Ballala - II	1	Day 19	Chalk& Talk	Direct
20		1 hour	Ballala - III	1	Day 20	Chalk& Talk	Direct
21		1 hour	Downfall of Hoysalas	1	Day 21	Chalk& Talk	Direct
22		1 hour	Hoysalas State and Society	1	Day 22	Chalk& Talk	Direct
23		1 hour	Cultural Contributions	1	Day 23	Chalk& Talk	Direct
24		1 hour	Seminar by Students	1	Day 24	Chalk& Talk	Direct
25		1 hour	Seminar by Students	1	Day 25	Chalk& Talk	Direct

26		1 hour	Vihayanagara Empaire	1	Day 26	Chalk& Talk	Direct
27		1 hour	Sources	1	Day 27	Chalk& Talk	Direct
28		1 hour	Origin and Early History	1	Day 28	Chalk& Talk	Direct
29		1 hour	The Sangama Dynasty	1	Day 29	Chalk& Talk	Direct
30		1 hour	Harihara and Bukka	1	Day 30	Chalk& Talk	Direct
31		1 hour	Devaraya - II	1	Day 31	Chalk& Talk	Direct
32		1 hour	Achievements of Devaraya	1	Day 32	Chalk& Talk	Direct
33		1 hour	Tuluvas	1	Day 32	Chalk& Talk	Direct
34		1 hour	Early History	1	Day 32	Chalk& Talk	Direct
35		1 hour	Krishnadevaraya	1	Day 32	Chalk& Talk	Direct
36		1 hour	Military Achievements	1	Day 32	Chalk& Talk	Direct
37		1 hour	Cultural Contributions	1	Day 32	Chalk& Talk	Direct
38		1 hour	Achyutha Devaraya	1	Day 32	Chalk& Talk	Direct
39		1 hour	Ramaraya	1	Day 32	Chalk& Talk	Direct
40		1 hour	Battle of Talikote	1	Day 32	Chalk& Talk	Direct
41		1 hour	Causes and results	1	Day 32	Chalk& Talk	Direct
42		1 hour	Administration	1	Day 32	Chalk& Talk	Direct
43		1 hour	Society and Economy	1	Day 32	Chalk& Talk	Direct
44		1 hour	Cultural Contributions	1	Day 32	Chalk& Talk	Direct
45		1 hour	Arvidu dynasty	1	Day 32	Chalk& Talk	Direct
46		1 hour	Nayakas of Keladi	1	Day 32	Chalk& Talk	Direct
47		1 hour	Palegaras of Chitradurgha	1	Day 32	Chalk& Talk	Direct
48		1 hour	Yelahanka Nadaprbhus	1	Day 32	Chalk& Talk	Direct
49		1 hour	Dasa movements	1	Day 32	Chalk& Talk	Direct
50		1 hour	Kankadasa and Purandaradasa	1	Day 32	Chalk& Talk	Direct
51		1 hour	Bahamanis Sources and Early History	1	Day 32	Chalk& Talk	Direct
52		1 hour	Mohammed Ghavan and Achievments	1	Day 32	Chalk& Talk	Direct

53		1 hour	Shahi Kingdoms	1	Day 32	Chalk& Talk	Direct
54		1 hour	Cultural Contributions Bahamanis and Shahi Kingdoms	1	Day 32	Chalk& Talk	Direct
55		1 hour	Administration	1	Day 32	Chalk& Talk	Direct
56		1 hour	Sufi Movement	1	Day 32	Chalk& Talk	Direct
57		1 hour	Early wadeyar	1	Day 32	Chalk& Talk	Direct
58		1 hour	Chikkadevaraja wadeyar	1	Day 32	Chalk& Talk	Direct
59		1 hour	Administration and Contributions	1	Day 32	Chalk& Talk	Direct
60		1 hour	Dalavays	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: I BA HP,HE (KM&EM) V Semester

Name: Dr. Naveenkumari

Paper: DSC 10 -FHE452 India and its Neighbors' (1947 to 2020)

Weekly 4/4 hours – 4/4 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Indo Afghanistan Relations Historical Background	1	Day 1	Chalk& Talk	Direct
2		1 hour	Geo Strategic importance	1	Day 2	Chalk& Talk	Direct
3		1 hour	Terrorism	1	Day 3	Chalk& Talk	Direct
4		1 hour	Talibalism	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bilateral Relations	1	Day 5	Chalk& Talk	Direct
6		1 hour	Bus Diplomacy	1	Day 6	Chalk& Talk	Direct
7		1 hour	Indo Pakistan Relations Historical Background	1	Day 7	Chalk& Talk	Direct
8		1 hour	Colonial legacy	1	Day 8	Chalk& Talk	Direct
9		1 hour	Two nation Theory	1	Day 9	Chalk& Talk	Direct
10		1 hour	Indo-Pak Wars	1	Day 10	Chalk& Talk	Direct
11		1 hour	Kashmir Conflict	1	Day 11	Chalk& Talk	Direct
12		1 hour	Border Disputes	1	Day 12	Chalk& Talk	Direct
13		1 hour	Nuclear Policy	1	Day 13	Chalk& Talk	Direct
14		1 hour	Cross Border terrorism	1	Day 14	Chalk& Talk	Direct
15		1 hour	Water disputes	1	Day 15	Chalk& Talk	Direct
16		1 hour	Bus Diplomacy	1	Day 16	Chalk& Talk	Direct
17		1 hour	Afghan Crisis and impact on Indo Pak	1	Day 17	Chalk& Talk	Direct
18		1 hour	India and Bangladesh	1	Day 18	Chalk& Talk	Direct
19	2	1 hour	Colonial legacy	1	Day 19	Chalk& Talk	Direct
20		1 hour	Liberation of Bangla	1	Day 20	Chalk& Talk	Direct
21		1 hour	Border Disputes	1	Day 21	Chalk& Talk	Direct
22		1 hour	Water disputes	1	Day 22	Chalk& Talk	Direct
23		1 hour	Bus Diplomacy	1	Day 23	Chalk& Talk	Direct
24		1 hour	Illegal Migration	1	Day 24	Chalk& Talk	Direct

25		1 hour	Chakma Issue	1	Day 25	Chalk& Talk	Direct
26		1 hour	Indo –Myanmar Relations	1	Day 26	Chalk& Talk	Direct
27		1 hour	Rohingya issues	1	Day 27	Chalk& Talk	Direct
28		1 hour	Major Projects	1	Day 28	Chalk& Talk	Direct
29		1 hour	Bhutan Geographical importance	1	Day 29	Chalk& Talk	Direct
30		1 hour	Friendship treaty	1	Day 30	Chalk& Talk	Direct
31		1 hour	Areas of Cooperation	1	Day 31	Chalk& Talk	Direct
32		1 hour	Border Management	1	Day 32	Chalk& Talk	Direct
33		1 hour	Indo – Nepal relations	1	Day 32	Chalk& Talk	Direct
34		1 hour	Historical Background	1	Day 32	Chalk& Talk	Direct
35		1 hour	Areas of Cooperation	1	Day 32	Chalk& Talk	Direct
36		1 hour	Border Disputes	1	Day 32	Chalk& Talk	Direct
37		1 hour	Water disputes	1	Day 32	Chalk& Talk	Direct
38		1 hour	Maitri Project	1	Day 32	Chalk& Talk	Direct
39		1 hour	Indo – Srilanka Relations	1	Day 32	Chalk& Talk	Direct
40		1 hour	Cultural and Geographical Realties	1	Day 32	Chalk& Talk	Direct
41		1 hour	Fishermen Issue	1	Day 32	Chalk& Talk	Direct
42		1 hour	Tamil Eealam Movement	1	Day 32	Chalk& Talk	Direct
43		1 hour	LTTE and India	1	Day 32	Chalk& Talk	Direct
44		1 hour	IPKF	1	Day 32	Chalk& Talk	Direct
45		1 hour	Areas of Cooperation	1	Day 32	Chalk& Talk	Direct
46		1 hour	Indo – Maldives Relations	1	Day 32	Chalk& Talk	Direct
47		1 hour	Political and Cultural Ties	1	Day 32	Chalk& Talk	Direct
48		1 hour	Bilateral Assistance	1	Day 32	Chalk& Talk	Direct
49		1 hour	Challenges	1	Day 32	Chalk& Talk	Direct
50		1 hour	Tsunami , military Related assistance	1	Day 32	Chalk& Talk	Direct
51		1 hour	Indo- Mauritius – relations	1	Day 32	Chalk& Talk	Direct

52		1 hour	Cultural and Geographical Relations	1	Day 32	Chalk& Talk	Direct
53		1 hour	Foreign Direct Investment	1	Day 32	Chalk& Talk	Direct
54		1 hour	Military Cooperation	1	Day 32	Chalk& Talk	Direct
55		1 hour	Operation Lal Dora	1	Day 32	Chalk& Talk	Direct
56		1 hour	Costal Surveillance	1	Day 32	Chalk& Talk	Direct
57		1 hour	Trade relations	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: I BA HP,HE (KM&EM) V Semester

Name: Dr. Dharmesha A.G

Paper: DSC 11 -FHE454 Colonialism and Nationalism in Asia

Weekly 4/4 hours – 4/4 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Indo-China and Indonesia	1	Day 1	Chalk& Talk	Direct
2		1 hour	Historical background	1	Day 2	Chalk& Talk	Direct
3		1 hour	French colonization in Indo-China	1	Day 3	Chalk& Talk	Direct
4		1 hour	Colonial Domination Resistance	1	Day 4	Chalk& Talk	Direct
5		1 hour	Growth of Nationalism	1	Day 5	Chalk& Talk	Direct
6		1 hour	The communist movement	1	Day 6	Chalk& Talk	Direct
7		1 hour	Role of Ho Chih Minh in Vietnamese struggle for independence	1	Day 7	Chalk& Talk	Direct
8		1 hour	Geneva Conference	1	Day 8	Chalk& Talk	Direct
9		1 hour	Geneva Conference	1	Day 9	Chalk& Talk	Direct
10		1 hour	Vietnam after 1954-1976	1	Day 10	Chalk& Talk	Direct
11		1 hour	Vietnam after 1954-1976	1	Day 11	Chalk& Talk	Direct
12		1 hour	Indonesia- Historical background	1	Day 12	Chalk& Talk	Direct
13		1 hour	Coming of Europeans	1	Day 13	Chalk& Talk	Direct
14		1 hour	Dutch Colonisation	1	Day 14	Chalk& Talk	Direct
15		1 hour	Growth of Nationalism in Indonesia	1	Day 15	Chalk& Talk	Direct
16		1 hour	Early struggles against Dutch domination	1	Day 16	Chalk& Talk	Direct
17		1 hour	Role of Dr.Sukarno	1	Day 17	Chalk& Talk	Direct
18		1 hour	Japanese aggression of Indonesia(1942-45)	1	Day 18	Chalk& Talk	Direct
19	2	1 hour	Final phase of freedom	1	Day 19	Chalk& Talk	Direct

			struggle (1945-49)				
20		1 hour	Indonesia since 1949	1	Day 20	Chalk& Talk	Direct
21		1 hour	Bundung Conference	1	Day 21	Chalk& Talk	Direct
22		1 hour	Turkey and Iran	1	Day 22	Chalk& Talk	Direct
23		1 hour	Turkey-Historical background	1	Day 23	Chalk& Talk	Direct
24		1 hour	European Colonial interests and wrecking of the Ottoman Empire	1	Day 24	Chalk& Talk	Direct
25		1 hour	Crimean War	1	Day 25	Chalk& Talk	Direct
26		1 hour	Treaty of Sanstefano	1	Day 26	Chalk& Talk	Direct
27		1 hour	Berlin Congress	1	Day 27	Chalk& Talk	Direct
28		1 hour	Autocratic Rule of Abdul Hamid II	1	Day 28	Chalk& Talk	Direct
29		1 hour	Growth of Turkish Nationalism	1	Day 29	Chalk& Talk	Direct
30		1 hour	Role of Midath Pasha	1	Day 30	Chalk& Talk	Direct
31		1 hour	Young Turk Movement	1	Day 31	Chalk& Talk	Direct
32		1 hour	Young Turk movement	1	Day 32	Chalk& Talk	Direct
33		1 hour	Turkey and Balkan Crisis	1	Day 32	Chalk& Talk	Direct
34		1 hour	Ist World War	1	Day 32	Chalk& Talk	Direct
35		1 hour	Treaty of Sevres and Laussane	1	Day 32	Chalk& Talk	Direct
36		1 hour	Modernisation of Turkey	1	Day 32	Chalk& Talk	Direct
37		1 hour	Musthafa Kemal Pasha	1	Day 32	Chalk& Talk	Direct
38		1 hour	Kemalism	1	Day 32	Chalk& Talk	Direct
39		1 hour	II World War	1	Day 32	Chalk& Talk	Direct
40		1 hour	Ismath Inonu	1	Day 32	Chalk& Talk	Direct
41		1 hour	Iran-Coming of Europeans	1	Day 32	Chalk& Talk	Direct
42		1 hour	Anglo Russian interests in Iran	1	Day 32	Chalk& Talk	Direct
43		1 hour	The tobacco Revolt of 1890-92	1	Day 32	Chalk& Talk	Direct
44		1 hour	Constitutional Revolution of 1906	1	Day 32	Chalk& Talk	Direct
45		1 hour	Shuster Incident	1	Day 32	Chalk& Talk	Direct
46		1 hour	Iran and the First world war	1	Day 32	Chalk& Talk	Direct

47		1 hour	The rise of modern state with Reza Shah Pehlavi (1925-1941)	1	Day 32	Chalk& Talk	Direct
48		1 hour	Mohammad Shahapur Rezashah Pehlavi	1	Day 32	Chalk& Talk	Direct
49		1 hour	Oil Crisis	1	Day 32	Chalk& Talk	Direct
50		1 hour	European Colonial interests in Arabia	1	Day 32	Chalk& Talk	Direct
51		1 hour	Growth of Arab nationalism	1	Day 32	Chalk& Talk	Direct
52		1 hour	Wahabi Movement	1	Day 32	Chalk& Talk	Direct
53		1 hour	Pan Islamic Movement	1	Day 32	Chalk& Talk	Direct
54		1 hour	Israel-Zionist Movement	1	Day 32	Chalk& Talk	Direct
55		1 hour	Arab-Israel conflict	1	Day 32	Chalk& Talk	Direct
56		1 hour	Palestine Liberation Organization-Egypt Israel Peace Treaty	1	Day 32	Chalk& Talk	Direct
57		1 hour	Map Study	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: I BA HP,HE (KM&EM) V Semester

Name: Sujathakumari.R

Paper: DSC 12-FHF550 History of Karnataka (from 1761-1956)

Weekly 4/4 hours – 4/4 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction	1	Day 1	Chalk& Talk	Direct
2		1 hour	Survey of the sources	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rise and fall of Haider Ali and Tipu Sultan	1	Day 3	Chalk& Talk	Direct
4		1 hour	Early life of Haider Ali and Tipu Sultan	1	Day 4	Chalk& Talk	Direct
5		1 hour	Anglo-Mysore Wars and their effects	1	Day 5	Chalk& Talk	Direct
6		1 hour	Fall of Tipu Sultan	1	Day 6	Chalk& Talk	Direct
7		1 hour	Modernization of administration and economy	1	Day 7	Chalk& Talk	Direct
8		1 hour	Cultural contribution of Haider Ali and Tipu Sultan	1	Day 8	Chalk& Talk	Direct
9		1 hour	Treaty of 1799 and partition of Karnataka	1	Day 9	Chalk& Talk	Direct
10		1 hour	Role of Rani Lakshmamanni	1	Day 10	Chalk& Talk	Direct
11		1 hour	Confronting Colonialism	1	Day 11	Chalk& Talk	Direct
12		1 hour	Mysore under Krishnaraja Wadiyar III	1	Day 12	Chalk& Talk	Direct
13		1 hour	British take over	1	Day 13	Chalk& Talk	Direct
14		1 hour	Hyderabad Karnataka under Nizams	1	Day 14	Chalk& Talk	Direct
15		1 hour	Commissioner's rule in Mysore and Coorg	1	Day 15	Chalk& Talk	Direct
16		1 hour	Their reforms	1	Day 16	Chalk& Talk	Direct
17		1 hour	Restoration in Mysore	1	Day 17	Chalk& Talk	Direct
18		1 hour	Attempts towards modernization in	1	Day 18	Chalk& Talk	Direct

			Mysore and Hyderabad karnataka				
19	2	1 hour	Colonialism in Karnataka	1	Day 19	Chalk& Talk	Direct
20		1 hour	Colonialism in Mysore	1	Day 20	Chalk& Talk	Direct
21		1 hour	Indirect rule in Mysore and Coorg as protectorates	1	Day 21	Chalk& Talk	Direct
22		1 hour	Colonialism in Hedarabad Karnataka	1	Day 22	Chalk& Talk	Direct
23		1 hour	Territories under colonial rule	1	Day 23	Chalk& Talk	Direct
24		1 hour	Hydarabad Karnataka under the Nizams	1	Day 24	Chalk& Talk	Direct
25		1 hour	Mahaboob Ali Khan	1	Day 25	Chalk& Talk	Direct
26		1 hour	His socio-political reforms	1	Day 26	Chalk& Talk	Direct
27		1 hour	Territories under colonial rule	1	Day 27	Chalk& Talk	Direct
28		1 hour	British Karnataka	1	Day 28	Chalk& Talk	Direct
29		1 hour	Bombay Karnataka	1	Day 29	Chalk& Talk	Direct
30		1 hour	Other Territories	1	Day 30	Chalk& Talk	Direct
31		1 hour	Nationalism in Karnataka	1	Day 31	Chalk& Talk	Direct
32		1 hour	Impact of the rebellion of 1857 on Karnataka	1	Day 32	Chalk& Talk	Direct
33		1 hour	Bedars of Halagali against anti-arms Act	1	Day 32	Chalk& Talk	Direct
34		1 hour	Venkatappa Nayaka of Surapura	1	Day 32	Chalk& Talk	Direct
35		1 hour	Babasaheb of Naragunda	1	Day 32	Chalk& Talk	Direct
36		1 hour	Bhimarao of Mundaragi	1	Day 32	Chalk& Talk	Direct
37		1 hour	Effects of the struggle	1	Day 32	Chalk& Talk	Direct
38		1 hour	Rise of Nationalism and awakening in Mysore	1	Day 32	Chalk& Talk	Direct
39		1 hour	Hydarabad Karnataka and Bombay Karnataka	1	Day 32	Chalk& Talk	Direct
40		1 hour	Influence of Tilak and Gandhi	1	Day 32	Chalk& Talk	Direct
41		1 hour	Response to Swadeshi and Non-cooperation movements in Karnataka	1	Day 32	Chalk& Talk	Direct
42		1 hour	Belgaum Congress session (1924)	1	Day 32	Chalk& Talk	Direct
43		1 hour	Police action in	1	Day 32	Chalk& Talk	Direct

			Hyderabad Karnataka				
44		1 hour	Accession of Karnataka Territories into Indian Union	1	Day 32	Chalk& Talk	Direct
45		1 hour	Unification movement in Karnataka	1	Day 32	Chalk& Talk	Direct
46		1 hour	Factors-views of different committees (Dhar, JVP & SRC)	1	Day 32	Chalk& Talk	Direct
47		1 hour	Contributions of various Kannada organizations	1	Day 32	Chalk& Talk	Direct
48		1 hour	Role of Kannada literature and Journalism	1	Day 32	Chalk& Talk	Direct
49		1 hour	Role of Kannada literature and Journalism	1	Day 32	Chalk& Talk	Direct
50		1 hour	Role of Kannada literature and Journalism	1	Day 32	Chalk& Talk	Direct
51		1 hour	Formation of Karnataka-1956	1	Day 32	Chalk& Talk	Direct
52		1 hour	Formation of Karnataka-1956	1	Day 32	Chalk& Talk	Direct
53		1 hour	Formation of Karnataka-1956	1	Day 32	Chalk& Talk	Direct
54		1 hour	Map Study	1	Day 32	Chalk& Talk	Direct
55		1 hour	Map Study	1	Day 32	Chalk& Talk	Direct
56		1 hour	Seminar	1	Day 32	Chalk& Talk	Direct
57		1 hour	Seminar	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: I BA HP,HE (KM&EM) V Semester

Name: Dr. Dharmesha A.G

Paper: DSC 11 -FHE454 Colonialism and Nationalism in Asia

Weekly 4/4 hours – 4/4 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Indo-China and Indonesia	1	Day 1	Chalk& Talk	Direct
2		1 hour	Historical background	1	Day 2	Chalk& Talk	Direct
3		1 hour	French colonization in Indo-China	1	Day 3	Chalk& Talk	Direct
4		1 hour	Colonial Domination Resistance	1	Day 4	Chalk& Talk	Direct
5		1 hour	Growth of Nationalism	1	Day 5	Chalk& Talk	Direct
6		1 hour	The communist movement	1	Day 6	Chalk& Talk	Direct
7		1 hour	Role of Ho Chih Minh in Vietnamese struggle for independence	1	Day 7	Chalk& Talk	Direct
8		1 hour	Geneva Conference	1	Day 8	Chalk& Talk	Direct
9		1 hour	Geneva Conference	1	Day 9	Chalk& Talk	Direct
10		1 hour	Vietnam after 1954-1976	1	Day 10	Chalk& Talk	Direct
11		1 hour	Vietnam after 1954-1976	1	Day 11	Chalk& Talk	Direct
12		1 hour	Indonesia- Historical background	1	Day 12	Chalk& Talk	Direct
13		1 hour	Coming of Europeans	1	Day 13	Chalk& Talk	Direct
14		1 hour	Dutch Colonisation	1	Day 14	Chalk& Talk	Direct
15		1 hour	Growth of Nationalism in Indonesia	1	Day 15	Chalk& Talk	Direct
16		1 hour	Early struggles against Dutch domination	1	Day 16	Chalk& Talk	Direct
17		1 hour	Role of Dr.Sukarno	1	Day 17	Chalk& Talk	Direct
18		1 hour	Japanese aggression of Indonesia(1942-45)	1	Day 18	Chalk& Talk	Direct
19	2	1 hour	Final phase of freedom	1	Day 19	Chalk& Talk	Direct

			struggle (1945-49)				
20		1 hour	Indonesia since 1949	1	Day 20	Chalk& Talk	Direct
21		1 hour	Bundung Conference	1	Day 21	Chalk& Talk	Direct
22		1 hour	Turkey and Iran	1	Day 22	Chalk& Talk	Direct
23		1 hour	Turkey-Historical background	1	Day 23	Chalk& Talk	Direct
24		1 hour	European Colonial interests and wrecking of the Ottoman Empire	1	Day 24	Chalk& Talk	Direct
25		1 hour	Crimean War	1	Day 25	Chalk& Talk	Direct
26		1 hour	Treaty of Sanstefano	1	Day 26	Chalk& Talk	Direct
27		1 hour	Berlin Congress	1	Day 27	Chalk& Talk	Direct
28		1 hour	Autocratic Rule of Abdul Hamid II	1	Day 28	Chalk& Talk	Direct
29		1 hour	Growth of Turkish Nationalism	1	Day 29	Chalk& Talk	Direct
30		1 hour	Role of Midath Pasha	1	Day 30	Chalk& Talk	Direct
31		1 hour	Young Turk Movement	1	Day 31	Chalk& Talk	Direct
32		1 hour	Young Turk movement	1	Day 32	Chalk& Talk	Direct
33		1 hour	Turkey and Balkan Crisis	1	Day 32	Chalk& Talk	Direct
34		1 hour	Ist World War	1	Day 32	Chalk& Talk	Direct
35		1 hour	Treaty of Sevres and Laussane	1	Day 32	Chalk& Talk	Direct
36		1 hour	Modernisation of Turkey	1	Day 32	Chalk& Talk	Direct
37		1 hour	Musthafa Kemal Pasha	1	Day 32	Chalk& Talk	Direct
38		1 hour	Kemalism	1	Day 32	Chalk& Talk	Direct
39		1 hour	II World War	1	Day 32	Chalk& Talk	Direct
40		1 hour	Ismath Inonu	1	Day 32	Chalk& Talk	Direct
41		1 hour	Iran-Coming of Europeans	1	Day 32	Chalk& Talk	Direct
42		1 hour	Anglo Russian interests in Iran	1	Day 32	Chalk& Talk	Direct
43		1 hour	The tobacco Revolt of 1890-92	1	Day 32	Chalk& Talk	Direct
44		1 hour	Constitutional Revolution of 1906	1	Day 32	Chalk& Talk	Direct
45		1 hour	Shuster Incident	1	Day 32	Chalk& Talk	Direct
46		1 hour	Iran and the First world war	1	Day 32	Chalk& Talk	Direct

47		1 hour	The rise of modern state with Reza Shah Pehlavi (1925-1941)	1	Day 32	Chalk& Talk	Direct
48		1 hour	Mohammad Shahapur Rezashah Pehlavi	1	Day 32	Chalk& Talk	Direct
49		1 hour	Oil Crisis	1	Day 32	Chalk& Talk	Direct
50		1 hour	European Colonial interests in Arabia	1	Day 32	Chalk& Talk	Direct
51		1 hour	Growth of Arab nationalism	1	Day 32	Chalk& Talk	Direct
52		1 hour	Wahabi Movement	1	Day 32	Chalk& Talk	Direct
53		1 hour	Pan Islamic Movement	1	Day 32	Chalk& Talk	Direct
54		1 hour	Israel-Zionist Movement	1	Day 32	Chalk& Talk	Direct
55		1 hour	Arab-Israel conflict	1	Day 32	Chalk& Talk	Direct
56		1 hour	Palestine Liberation Organization-Egypt Israel Peace Treaty	1	Day 32	Chalk& Talk	Direct
57		1 hour	Map Study	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: III BA HP,HE (KM&EM) VI Semester

Name: Sujathakumari.R

Paper: DSC 12 –FHF550 History of Karnataka (from 1761-1956)

Weekly 4/4 hours – 4/4 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction	1	Day 1	Chalk& Talk	Direct
2		1 hour	Survey of the sources	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rise and fall of HAider Ali and Tipu Sultan	1	Day 3	Chalk& Talk	Direct
4		1 hour	Early life of Haider Ali and Tipu Sultan	1	Day 4	Chalk& Talk	Direct
5		1 hour	Anglo-Mysore Wars and their effects	1	Day 5	Chalk& Talk	Direct
6		1 hour	Fall of Tipu Sultan	1	Day 6	Chalk& Talk	Direct
7		1 hour	Modernization of administration and economy	1	Day 7	Chalk& Talk	Direct
8		1 hour	Cultural contribution of Haider Ali nd Tipu Sultan	1	Day 8	Chalk& Talk	Direct
9		1 hour	Treaty of 1799 and partition of Karnataka	1	Day 9	Chalk& Talk	Direct
10		1 hour	Role of Rani Lakshmamanni	1	Day 10	Chalk& Talk	Direct
11		1 hour	Confronting Colonialism	1	Day 11	Chalk& Talk	Direct
12		1 hour	Mysore under Krishnaraja Wadiyar III	1	Day 12	Chalk& Talk	Direct
13		1 hour	British take voer	1	Day 13	Chalk& Talk	Direct
14		1 hour	Hydarabad Karnataka under Nizams	1	Day 14	Chalk& Talk	Direct
15		1 hour	Commissioner's rule in Mysore and Coorg	1	Day 15	Chalk& Talk	Direct
16		1 hour	Their reforms	1	Day 16	Chalk& Talk	Direct
17		1 hour	Restoratiion in Mysosre	1	Day 17	Chalk& Talk	Direct

18		1 hour	Attempts towards modernization in Mysore and Hyderabad karnataka	1	Day 18	Chalk& Talk	Direct
19	2	1 hour	Colonialism in Karnataka	1	Day 19	Chalk& Talk	Direct
20		1 hour	Colonialism in Mysore	1	Day 20	Chalk& Talk	Direct
21		1 hour	Indirect rule in Mysore and Coorg as protectorates	1	Day 21	Chalk& Talk	Direct
22		1 hour	Colonialism in Hedarabad Karnataka	1	Day 22	Chalk& Talk	Direct
23		1 hour	Territories under colonial rule	1	Day 23	Chalk& Talk	Direct
24		1 hour	Hydarabad Karnataka under the Nizams	1	Day 24	Chalk& Talk	Direct
25		1 hour	Mahaboob Ali Khan	1	Day 25	Chalk& Talk	Direct
26		1 hour	His socio-political reforms	1	Day 26	Chalk& Talk	Direct
27		1 hour	Territories under colonial rule	1	Day 27	Chalk& Talk	Direct
28		1 hour	British Karnataka	1	Day 28	Chalk& Talk	Direct
29		1 hour	Bombay Karnataka	1	Day 29	Chalk& Talk	Direct
30		1 hour	Other Territories	1	Day 30	Chalk& Talk	Direct
31		1 hour	Nationalism in Karnataka	1	Day 31	Chalk& Talk	Direct
32		1 hour	Impact of the rebellion of 1857 on Karnataka	1	Day 32	Chalk& Talk	Direct
33		1 hour	Bedars of Halagali against anti-arms Act	1	Day 32	Chalk& Talk	Direct
34		1 hour	Venkatappa Nayaka of Surapura	1	Day 32	Chalk& Talk	Direct
35		1 hour	Babasaheb of Naragunda	1	Day 32	Chalk& Talk	Direct
36		1 hour	Bhimarao of Mundaragi	1	Day 32	Chalk& Talk	Direct
37		1 hour	Effects of the struggle	1	Day 32	Chalk& Talk	Direct
38		1 hour	Rise of Nationalism and awakening in Mysore	1	Day 32	Chalk& Talk	Direct
39		1 hour	Hydarabad Karnataka and Bombay Karnataka	1	Day 32	Chalk& Talk	Direct
40		1 hour	Influence of Tilak and Gandhi	1	Day 32	Chalk& Talk	Direct
41		1 hour	Response to Swadeshi and Non-cooperation movements in Karnataka	1	Day 32	Chalk& Talk	Direct
42		1 hour	Belgaum Congress session (1924)	1	Day 32	Chalk& Talk	Direct

43		1 hour	Police action in Hyderabad Karnataka	1	Day 32	Chalk& Talk	Direct
44		1 hour	Accession of Karnataka Territories into Indian Union	1	Day 32	Chalk& Talk	Direct
45		1 hour	Unification movement in Karnataka	1	Day 32	Chalk& Talk	Direct
46		1 hour	Factors-views of different committees (Dhar, JVP & SRC)	1	Day 32	Chalk& Talk	Direct
47		1 hour	Contributions of various Kannada organizations	1	Day 32	Chalk& Talk	Direct
48		1 hour	Role of Kannada literature and Journalism	1	Day 32	Chalk& Talk	Direct
49		1 hour	Role of Kannada literature and Journalism	1	Day 32	Chalk& Talk	Direct
50		1 hour	Role of Kannada literature and Journalism	1	Day 32	Chalk& Talk	Direct
51		1 hour	Formation of Karnataka-1956	1	Day 32	Chalk& Talk	Direct
52		1 hour	Formation of Karnataka-1956	1	Day 32	Chalk& Talk	Direct
53		1 hour	Formation of Karnataka-1956	1	Day 32	Chalk& Talk	Direct
54		1 hour	Map Study	1	Day 32	Chalk& Talk	Direct
55		1 hour	Map Study	1	Day 32	Chalk& Talk	Direct
56		1 hour	Seminar by Students	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: III BA HP,HE (KM&EM) VI Semester

Name: Dr. NaveenKumari

Paper: DSC 13 -FHF452 Regional History –Modern Mysore (1881-1947)

Weekly 4/4 hours – 4/4 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction to Modern Mysore	1	Day 1	Chalk& Talk	Direct
2		1 hour	Survey of Literature	1	Day 2	Chalk& Talk	Direct
3		1 hour	The Rendition Act of 1881 and its main provisions	1	Day 3	Chalk& Talk	Direct
4		1 hour	A Progressive monarch: Chamaraja Wodeyar X (1881-1894)	1	Day 4	Chalk& Talk	Direct
5		1 hour	Dewan Rangacharlu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Administrative Reforms	1	Day 6	Chalk& Talk	Direct
7		1 hour	Development of Education	1	Day 7	Chalk& Talk	Direct
8		1 hour	Establishment of Representative Assembly	1	Day 8	Chalk& Talk	Direct
9		1 hour	Railway	1	Day 9	Chalk& Talk	Direct
10		1 hour	Famines and their impact	1	Day 10	Chalk& Talk	Direct
11		1 hour	Dewan Sheshadri Iyer	1	Day 11	Chalk& Talk	Direct
12		1 hour	Development of Agriculture and Industries	1	Day 12	Chalk& Talk	Direct
13		1 hour	Railway	1	Day 13	Chalk& Talk	Direct
14		1 hour	Social Reforms	1	Day 14	Chalk& Talk	Direct
15		1 hour	Infant Marriage Prevention Regulation	1	Day 15	Chalk& Talk	Direct
16		1 hour	Development of Education	1	Day 16	Chalk& Talk	Direct
17		1 hour	Introduction Mysore Civil Service Exams	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vanivilasa Sannidhana	1	Day 18	Chalk& Talk	Direct

19	2	1 hour	Regency Rule (1894-1902)	1	Day 19	Chalk& Talk	Direct
20		1 hour	Shivanasamudra Hydro Electric Power Plant	1	Day 20	Chalk& Talk	Direct
21		1 hour	Vanivilasa Sagara (Marikanive Project)	1	Day 21	Chalk& Talk	Direct
22		1 hour	Rajarshi Nalvadi Krishnaraja Wodeyar (1902-40)	1	Day 22	Chalk& Talk	Direct
23		1 hour	Nalvadi's vision of Modern Mysore	1	Day 23	Chalk& Talk	Direct
24		1 hour	Development of Education	1	Day 24	Chalk& Talk	Direct
25		1 hour	Establishment of University of Mysore	1	Day 25	Chalk& Talk	Direct
26		1 hour	Nalvadi and Social Justice	1	Day 26	Chalk& Talk	Direct
27		1 hour	Leslie Miller Committee	1	Day 27	Chalk& Talk	Direct
28		1 hour	Introduction of Reservation for Non-Brahmins	1	Day 28	Chalk& Talk	Direct
29		1 hour	Construction of KRS Dam	1	Day 29	Chalk& Talk	Direct
30		1 hour	Vishweshwaraiah as Chief Engineer	1	Day 30	Chalk& Talk	Direct
31		1 hour	Dewan Vishweshwaraiah (1912-18)	1	Day 31	Chalk& Talk	Direct
32		1 hour	Development Policies and Modernization Programmes	1	Day 32	Chalk& Talk	Direct
33		1 hour	Industrialisation Process	1	Day 32	Chalk& Talk	Direct
34		1 hour	Legislative Reforms	1	Day 32	Chalk& Talk	Direct
35		1 hour	Role of Economic Conferences	1	Day 32	Chalk& Talk	Direct
36		1 hour	Progress in Agriculture, Education, Health Railway and Sanitation	1	Day 32	Chalk& Talk	Direct
37		1 hour	Dewan Mirza Ismail (1926-1941)	1	Day 32	Chalk& Talk	Direct
38		1 hour	Development Policies	1	Day 32	Chalk& Talk	Direct
39		1 hour	Administrative Reforms	1	Day 32	Chalk& Talk	Direct
40		1 hour	Constitutional Reforms	1	Day 32	Chalk& Talk	Direct

41		1 hour	Growth of Local Bodies	1	Day 32	Chalk& Talk	Direct
42		1 hour	Progress in Agriculture, Industries and Electricity	1	Day 32	Chalk& Talk	Direct
43		1 hour	Progress in Trade and Commerce-Education-Health and Sanitation. Brindavan Gardens	1	Day 32	Chalk& Talk	Direct
44		1 hour	Jayachamaraja Wodeyar (1940-47) His contribution to Literature and Music	1	Day 32	Chalk& Talk	Direct
45		1 hour	Dewans N.Madhavara0 (1940-46) and Arcot Ramaswamy Modaliyar (1946-49)	1	Day 32	Chalk& Talk	Direct
46		1 hour	Constitutional Reforms- Policy towards Communalism, Indian National Movement and Indian Union	1	Day 32	Chalk& Talk	Direct
47		1 hour	Regionalism, Casteism and Communalism in Modern Mysore	1	Day 32	Chalk& Talk	Direct
48		1 hour	Mysore-Madrasi Brahmin Conflict	1	Day 32	Chalk& Talk	Direct
49		1 hour	Caste Consciousness and Caste Associations	1	Day 32	Chalk& Talk	Direct
50		1 hour	Non-Brahmin Movement-Depressed classes Movement	1	Day 32	Chalk& Talk	Direct
51		1 hour	Harijan upliftment Programmes- Ganapathi disturbance in Bangalore	1	Day 32	Chalk& Talk	Direct
52		1 hour	Muslims Response towards Two National Theory- Communal Disturbances and the role of Muslim League	1	Day 32	Chalk& Talk	Direct
53		1 hour	Nationalism in Modern Mysore. Nationalism during Pre-Gandhian Era	1	Day 32	Chalk& Talk	Direct
54		1 hour	Swadeshi movement- Non-Co-Operation movement, Belgaum Congress, Civil	1	Day 32	Chalk& Talk	Direct

			Disobedience Movements, Forest Satyagrahas				
55		1 hour	Establishment of Mysore Congress- Shivapura Congress Session- Vidhurashwatha Tragedy	1	Day 32	Chalk& Talk	Direct
56		1 hour	Quit India Movement- The Esur Tragedy	1	Day 32	Chalk& Talk	Direct
57		1 hour	Mysore Chalo Movement-The Palace Satyagraha	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-2024

Department of History: III BA HP,HE (KM&EM) VI Semester

Name: Dr. Dharmesha A.G

Paper: DSC 14 -FHE454 History of China and Japan

Weekly 4/4 hours – 4/4 Credits

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Chinese Feudalism	1	Day 1	Chalk& Talk	Direct
2		1 hour	Bureucracy and peasantry,the Confucian value System	1	Day 2	Chalk& Talk	Direct
3		1 hour	Sino Centrism The Canton Commercial System	1	Day 3	Chalk& Talk	Direct
4		1 hour	The Transformation of China	1	Day 4	Chalk& Talk	Direct
5		1 hour	The Opium Wars the unequal treaties	1	Day 5	Chalk& Talk	Direct
6		1 hour	The Scramble for cdoncessions	1	Day 6	Chalk& Talk	Direct
7		1 hour	Finance imperialism	1	Day 7	Chalk& Talk	Direct
8		1 hour	The open Door Policy	1	Day 8	Chalk& Talk	Direct
9		1 hour	Agrarian and popular Movement	1	Day 9	Chalk& Talk	Direct
10		1 hour	Taiping and Yi ho Tuan	1	Day 10	Chalk& Talk	Direct
11		1 hour	Attempts at self Strengthening	1	Day 11	Chalk& Talk	Direct
12		1 hour	Reforms of 1860-95	1	Day 12	Chalk& Talk	Direct
13		1 hour	The Emergence of Nationalism and Communism in China	1	Day 13	Chalk& Talk	Direct
14		1 hour	The Revolution of 1911	1	Day 14	Chalk& Talk	Direct
15		1 hour	Causes	1	Day 15	Chalk& Talk	Direct
16		1 hour	Nature and Significance	1	Day 16	Chalk& Talk	Direct
17		1 hour	The Local Composition of the Refolution	1	Day 17	Chalk& Talk	Direct
18		1 hour	Sun Yat-Sen and his Contributions	1	Day 18	Chalk& Talk	Direct

19	2	1 hour	The formation of The Republic	1	Day 19	Chalk& Talk	Direct
20		1 hour	Yuan Shihkai	1	Day 20	Chalk& Talk	Direct
21		1 hour	Wrlordism , May fourth Movement of 1919	1	Day 21	Chalk& Talk	Direct
22		1 hour	Nature and Significance	1	Day 22	Chalk& Talk	Direct
23		1 hour	Fromation of CCp	1	Day 23	Chalk& Talk	Direct
24		1 hour	Kuomintang Party	1	Day 24	Chalk& Talk	Direct
25		1 hour	The first united front	1	Day 25	Chalk& Talk	Direct
26		1 hour	The Communist Movement in China	1	Day 26	Chalk& Talk	Direct
27		1 hour	The Jiangxi period and the rise of Mao Tese Tung	1	Day 27	Chalk& Talk	Direct
28		1 hour	Communist China	1	Day 28	Chalk& Talk	Direct
29		1 hour	Japan	1	Day 29	Chalk& Talk	Direct
30		1 hour	Japan in 19the Century	1	Day 30	Chalk& Talk	Direct
31		1 hour	Transition from feudalism to capitalism	1	Day 31	Chalk& Talk	Direct
32		1 hour	Western Contact the perry Mission	1	Day 32	Chalk& Talk	Direct
33		1 hour	Circumstnces leading to the Meiji Restoration	1	Day 32	Chalk& Talk	Direct
34		1 hour	Meiji Restoration	1	Day 32	Chalk& Talk	Direct
35		1 hour	Social, Cultural	1	Day 32	Chalk& Talk	Direct
36		1 hour	Educational Reformation	1	Day 32	Chalk& Talk	Direct
37		1 hour	Financial Reforms	1	Day 32	Chalk& Talk	Direct
38		1 hour	Meiji Constitution	1	Day 32	Chalk& Talk	Direct
39		1 hour	Meiji Constitution ism	1	Day 32	Chalk& Talk	Direct
40		1 hour	Japanese Imperialism	1	Day 32	Chalk& Talk	Direct
41		1 hour	Japanese Imperialism	1	Day 32	Chalk& Talk	Direct
42		1 hour	China , Manchuria	1	Day 32	Chalk& Talk	Direct
43		1 hour	China , Manchuria	1	Day 32	Chalk& Talk	Direct
44		1 hour	Korea	1	Day 32	Chalk& Talk	Direct
45		1 hour	Korea	1	Day 32	Chalk& Talk	Direct
46		1 hour	Democracy and	1	Day 32	Chalk& Talk	Direct

			militarism				
47		1 hour	Fascism	1	Day 32	Chalk& Talk	Direct
48		1 hour	People's Rights Movement	1	Day 32	Chalk& Talk	Direct
49		1 hour	Nature of Political Parties	1	Day 32	Chalk& Talk	Direct
50		1 hour	Rise of Militarism	1	Day 32	Chalk& Talk	Direct
51		1 hour	Rise of Militarism	1	Day 32	Chalk& Talk	Direct
52		1 hour	Rise of Militarism	1	Day 32	Chalk& Talk	Direct
53		1 hour	Nature and Significance	1	Day 32	Chalk& Talk	Direct
54		1 hour	Second World War	1	Day 32	Chalk& Talk	Direct
55		1 hour	American Occupation	1	Day 32	Chalk& Talk	Direct
56		1 hour	American Occupation	1	Day 32	Chalk& Talk	Direct
57		1 hour	Post war Changes	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II B.COM B

IV SEMESTER

NATARAJU

COURSE CODE-DMD06001/2/3/4/5/6/7/8

PAPER: : VAANIJYA SIRI - 4

WEEKLY 2 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Neervariyindadume kiridendu bageda	1	Day 1	Chalk& Talk	Direct
2		1 hour	Sagaradarshana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rama kanda kadalu	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Kempu kadalina rangina loka	1	Day 4	Chalk& Talk	Direct
5		1 hour	Keertanegalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Keertanegalu - 1	1	Day 6	Chalk& Talk	Direct
7		1 hour	Sarvajnana vachanagalu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Sarvajnana vachanagalu - 1	1	Day 8	Chalk& Talk	Direct
9		1 hour	Nugge gida	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Magane neenintaliye syripenento	1	Day 10	Chalk& Talk	Direct
11		1 hour	Magane neenintaliye syripenento - 1	1	Day 11	Chalk& Talk	Direct
12		1 hour	Ninna kandanondugraphani tindu jeevangaedan	1	Day 12	Chalk& Talk	Direct
13		1 hour	Saavu (lalita prabandha)	1	Day 13	Chalk& Talk	Direct
14		1 hour	Natiyagalu horatavalu duranta nayakiyadalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Rangoli mattu maga	1	Day 15	Chalk& Talk	Direct
16		1 hour	kalchendu	1	Day 16	Chalk& Talk	Direct
17		1 hour	Kalchendu -1	1	Day 17	Chalk& Talk	Direct
18	c	1 hour	Baduku nanagenu kaliside	1	Day 18	Chalk& Talk	Direct
19		1 hour	Bandegala mele chigurodeyabekide	1	Day 19	Chalk& Talk	Direct
20		1 hour	Baduku nanagenu kaliside -1	1	Day 20	Chalk& Talk	Direct
21		1 hour	Baduku nanagenu kaliside -2	1	Day 21	Chalk& Talk	Direct

22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct
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LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II B.COM C IV SEMESTER

NATARAJU

COURSE CODE-DMD06001/2/3/4/5/6/7/8

PAPER: : VAANIYIA SIRI - 4

WEEKLY 1 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Neervariyindadume kiridendu bageda	1	Day 1	Chalk& Talk	Direct
2		1 hour	Sagaradarshana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rama kanda kadalu	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Kempu kadalina rangina loka	1	Day 4	Chalk& Talk	Direct
5		1 hour	Keertanegalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Sarvajnana vachanagalu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Nugge gida	1	Day 7	Chalk& Talk	Direct
8		1 hour	Magane neenintaliye syripenento	1	Day 8	Chalk& Talk	Direct
9		1 hour	Ninna kandanondugraphani tindu jeevangaedan	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Saavu (lalita prabandha)	1	Day 10	Chalk& Talk	Direct
11		1 hour	Natiyagalu horatavalu duranta nayakiyadalu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Rangoli mattu maga	1	Day 12	Chalk& Talk	Direct
13		1 hour	kalchendu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Baduku nanagenu kaliside	1	Day 14	Chalk& Talk	Direct
15		1 hour	Bandegala mele chigurodeyabekide	1	Day 15	Chalk& Talk	Direct
16		1 hour	conclusion	1	Day 16	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II BA B IV SEMESTER

NATARAJU

COURSE CODE-ELD06021/22/23/24/25

PAPER: KALA SIRI - 4

WEEKLY : 1 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Aaydaki lakkamma mattu punya sthree kalavveya vachanagalu	1	Day 1	Chalk& Talk	Direct
2		1 hour	Madara chennayya: janapada sharana kavya kruthiyinda	1	Day 2	Chalk& Talk	Direct
3		1 hour	Noor rupayi dudiyo ashtaralli saak sakagtade	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Mahileyanu olgolade	1	Day 4	Chalk& Talk	Direct
5		1 hour	Janapada thripadiglu	1	Day 5	Chalk& Talk	
6		1 hour	Kumaravyasa bhathada aayda bhaga	1	Day 6	Chalk& Talk	Direct
7		1 hour	Dhaniyara sathyanarayana	1	Day 7	Chalk& Talk	Direct
8		1 hour	Annakkagi ratriyidee kadaddu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Manasareninnoru varsham baldapare?	1	Day 9	Chalk& Talk	Direct
10		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 10	Chalk& Talk	Direct
11	b	1 hour	Namma samskruthiya hemme saladu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Hagalu irulugala naduve	1	Day 12	Chalk& Talk	Direct
13		1 hour	Munneer benneerane beresalanna tanneerolave	1	Day 13	Chalk& Talk	Direct
14		1 hour	Olavadode ropina kotaleyevudo	1	Day 14	Chalk& Talk	Direct
15		1 hour	Kotta kudureyaneralariyade	1	Day 15	Chalk& Talk	Direct
16		1 hour	Bommenahalliya amma mattu chariparanyada pakshigalu	1	Day 16	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I BCom B II SEMESTER

NATARAJU

COURSE CODE-END06001

PAPER: VAANIJYA SIRI -2

WEEKLY 2 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Kadalige kalisida deepa	1	Day 1	Chalk& Talk	Direct
2		1 hour	Halliya hoogalige	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nanna thotagarike	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Sowndarya mattu maibanna	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bhakthiyemba pruthviya mele(vachanagalu)	1	Day 5	ICT	
6		1 hour	Bhoga haridu hogali	1	Day 6	Chalk& Talk	Direct
7		1 hour	Harakegalu (prabandha)	1	Day 7	Chalk& Talk	Direct
8		1 hour	Bhakti hrudaya _ deva nilaya (chinthana)	1	Day 8	Chalk& Talk	Direct
9		1 hour	Gramadevathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nelamoola	1	Day 10	Chalk& Talk	Direct
11	b	1 hour	Kathe kelu gubbakka ninna vyatheya kathe kelu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Besaya, habbagala rangu, babayyana jaathre angadana pathra(manegara_ aatmakathe)	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vanijya pathragalu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Varadigalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Marukatte nirvahaneyalli jahirathugalapatra	1	Day 15	Chalk& Talk	Direct
16	c	1 hour	Udyama lokada sadhakaru (J.R.D.Baba, Dr. Vargis kuriyan, N.R.Narayana murthy, ekta Kapoor, rownak sing)	1	Day 16	Chalk& Talk	Direct
17		1 hour	N.R.Narayana murthy	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vidhi vilasanada neramabadeaye.....padya	1	Day 18	Chalk& Talk	Direct

19		1 hour	Amrutamatiyu astavankana hadige mohagonda sannivesha	1	Day 19	Chalk& Talk	Direct
20		1 hour	Viveka heenalagi dootiya mulaka madhyastike	1	Day 20	Chalk& Talk	Direct
21		1 hour	Kaviya udgara	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II B.COM A IV SEMESTER

NATARAJU

COURSE CODE-DMD06001/2/3/4/5/6/7/8

PAPER: : VAANIJYA SIRI - 4

WEEKLY 1 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Neervariyindadume kiridendu bageda	1	Day 1	Chalk& Talk	Direct
2		1 hour	Sagaradarshana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rama kanda kadal	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Kempu kadalina rangina loka	1	Day 4	Chalk& Talk	Direct
5		1 hour	Keertanegalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Keertanegalu - 1	1	Day 6	Chalk& Talk	Direct
7		1 hour	Sarvajnana vachanagalu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Sarvajnana vachanagalu - 1	1	Day 8	Chalk& Talk	Direct
9		1 hour	Nugge gida	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Magane neenintaliye syripenento	1	Day 10	Chalk& Talk	Direct
11		1 hour	Magane neenintaliye syripenento - 1	1	Day 11	Chalk& Talk	Direct
12		1 hour	Ninna kandanondugraphani tindu jeevangaledan	1	Day 12	Chalk& Talk	Direct
13		1 hour	Saavu (lalita prabandha)	1	Day 13	Chalk& Talk	Direct
14		1 hour	Natiyagalu horatavalu duranta nayakiyadalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Rangoli mattu maga	1	Day 15	Chalk& Talk	Direct
16		1 hour	kalchendu	1	Day 16	Chalk& Talk	Direct

17		1 hour	Kalchendu -1	1	Day 17	Chalk& Talk	Direct
18	c	1 hour	Baduku nanagenu kaliside	1	Day 18	Chalk& Talk	Direct
19		1 hour	Bandegala mele chigurodeyabekide	1	Day 19	Chalk& Talk	Direct
20		1 hour	Baduku nanagenu kaliside -1	1	Day 20	Chalk& Talk	Direct
21		1 hour	Baduku nanagenu kaliside -2	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I BCom C II SEMESTER

NATARAJU

course code-ENB06001

PAPER: WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1		1 hour	Kadalige kalisida deepa	1	Day 1	Chalk& Talk	Direct
2		1 hour	Halliya hoogalige	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nanna thotagarike	1	Day 3	Chalk& Talk	Direct
4		1 hour	Sowndarya mattu maibanna	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bhakthiyemba pruthviya mele(vachanagalu)	1	Day 5	Chalk& Talk	Direct
6		1 hour	Bhoga haridu hogali	1	Day 6	Chalk& Talk	Direct
7		1 hour	Harakegalu (prabandha)	1	Day 7	Chalk& Talk	Direct
8		1 hour	Bhakti hrudaya _ deva nilaya (chinthana)	1	Day 8	Chalk& Talk	Direct
9		1 hour	Gramadevathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nelamoola	1	Day 10	Chalk& Talk	Direct
11		1 hour	Kathe kelu gubbakka ninna vyatheya kathe kelu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Besaya, habbagala rangu, babayyana jaathre angadana pathra(manegara _aatmakathe)	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vanijya pathragalu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Varadigalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Marukatte nirvahaneyalli jahirathugalapatra	1	Day 15	Chalk& Talk	Direct
16		1 hour	Udyama lokada sadhakaru (J.R.D.Baba, Dr. Vargis kuriyan, N.R.Narayana murthy, ekta Kapoor, rownak sing)	1	Day 16	Chalk& Talk	Direct
17		1 hour	N.R.Narayana murthy	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vidhi vilasanada neramabadeaye.....padya	1	Day 18	Chalk& Talk	Direct

19		1 hour	Amrutamatiyu astavankana hadige mohagonda sannivesha	1	Day 19	Chalk& Talk	Direct
20		1 hour	Viveka heenalagi dootiya mulaka madhyastike	1	Day 20	Chalk& Talk	Direct
21		1 hour	Kaviya udgara	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II B.Com C IV SEMESTER

NATARAJU

COURSE CODE-CDD06001

PAPER: VANIJYA SIRI - 4

WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Neervariyindadume kiridendu bageda	1	Day 1	Chalk& Talk	Direct
2		1 hour	Sagaradarshana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rama kanda kadalu	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Kempu kadalina rangina loka	1	Day 4	Chalk& Talk	Direct
5		1 hour	Keertanegalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Keertanegalu - 1	1	Day 6	Chalk& Talk	Direct
7		1 hour	Sarvajnana vachanagalu	1	Day 7	Chalk& Talk	Direct
8	b	1 hour	Sarvajnana vachanagalu - 1	1	Day 8	Chalk& Talk	Direct
9		1 hour	Nugge gida	1	Day 9	Chalk& Talk	Direct
10		1 hour	Magane neenintaliye syripenento	1	Day 10	Chalk& Talk	Direct
11		1 hour	Magane neenintaliye syripenento - 1	1	Day 11	Chalk& Talk	Direct
12		1 hour	Ninna kandanondugraphani tindu jeevangaedan	1	Day 12	Chalk& Talk	Direct
13		1 hour	Saavu (lalita prabandha)	1	Day 13	Chalk& Talk	Direct
14		1 hour	Natiyagalu horatavalu duranta nayakiyadalu	1	Day 14	Chalk& Talk	Direct
15	c	1 hour	Rangoli mattu maga	1	Day 15	Chalk& Talk	Direct
16		1 hour	kalchendu	1	Day 16	Chalk& Talk	Direct

17		1 hour	Kalchendu -1	1	Day 17	Chalk& Talk	Direct
18		1 hour	Baduku nanagenu kaliside	1	Day 18	Chalk& Talk	Direct
19		1 hour	Bandegala mele chigurodeyabekide	1	Day 19	Chalk& Talk	Direct
20		1 hour	Baduku nanagenu kaliside -1	1	Day 20	Chalk& Talk	Direct
21	d	1 hour	Baduku nanagenu kaliside -2	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I BSc PS A II SEMESTER

NATARAJU

COURSECODE-DMB06001/2/3/4/5/6/7/8

PAPER: VIGNANA SIRI - 2

WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Sambalada sanje	1	Day 1	Chalk& Talk	Direct
2		1 hour	Avva	1	Day 2	Chalk& Talk	Direct
3		1 hour	Chandrana bombe patagalu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Nanu nilluve evarest ettaradi !	1	Day 4	Chalk& Talk	Direct
5		1 hour	Thirukana kanasu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Ella hudigiyara kanasu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Ondu huduganige bidda kanasu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kanasu kaniri	1	Day 8	Chalk& Talk	Direct
9		1 hour	Thenkana galiyata	1	Day 9	Chalk& Talk	Direct
10		1 hour	Male	1	Day 10	Chalk& Talk	Direct
11		1 hour	Bara	1	Day 11	Chalk& Talk	Direct
12		1 hour	Aadre maleli adavne ganda	1	Day 12	Chalk& Talk	Direct
13		1 hour	Goonamma medicine	1	Day 13	Chalk& Talk	Direct
14		1 hour	Aralida lesargalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Kannada thanthraganada bhasheyagideye?	1	Day 15	Chalk& Talk	Direct
16		1 hour	Mahithi thanhtrajana mattu kannada	1	Day 16	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I Bcom A II SEMESTER

NATARAJU

COURSE CODE-ENB06001

PAPER: : VANIJYA SIRI - 2

WEEKLY 3 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Kadalige kalisida deepa	1	Day 1	Chalk& Talk	Direct
2		1 hour	Halliya hoogalige	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nanna thotagarike	1	Day 3	Chalk& Talk	Direct
4		1 hour	Sowndarya mattu maibanna	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bhakthiyemba pruthviya mele(vachanagalu)	1	Day 5	ICT	
6		1 hour	Bhoga haridu hogali	1	Day 6	Chalk& Talk	Direct
7		1 hour	Harakegalu (prabandha)	1	Day 7	Chalk& Talk	Direct
8		1 hour	Bhakti hrudaya _ deva nilaya (chinthana)	1	Day 8	Chalk& Talk	Direct
9		1 hour	Gramadevathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nelamoola	1	Day 10	Chalk& Talk	Direct
11		1 hour	Kathe kelu gubbakka ninna vyatheya kathe kelu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Besaya, habbagala rangu, babayyana jaathre angadana pathra(manegara _ aatmakathe)	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vanijya pathragalu	1	Day 13	Chalk& Talk	Direct
14	2	1 hour	Varadigalu	1	Day 14	Chalk& Talk	Direct

15		1 hour	Marukatte nirvahaneyalli jahirathugalapatra	1	Day 15	Chalk& Talk	Direct
16		1 hour	Udyama lokada sadhakar (J.R.D.Baba, Dr. Vargis kuriyan, N.R.Narayana murthy, ekta Kapoor, rownak sing)	1	Day 16	Chalk& Talk	Direct
17		1 hour	N.R.Narayana murthy	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vidhi vilasanada neramabadeaye.....padya	1	Day 18	Chalk& Talk	Direct
19		1 hour	Amrutamatiyu astavankana hadige mohagonda sannivesha	1	Day 19	Chalk& Talk	Direct
20		1 hour	Viveka heenalagi dootiya mulaka madhyastike	1	Day 20	Chalk& Talk	Direct
21		1 hour	Kaviya udgara	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

SESSION PLAN

BINDU M

Programme: B. Sc. Chemistry

Semester: III Semester-NS: 2023-24

Course Title: DSC 3 : Chemistry-3

Course Code: FSB420

Sl No	Unit	Credit hours	Topic of the unit	No of lectures	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Analytical Chemistry.	1	Separation Methods; Fundamentals of Chromatography; General description, definition ,terms and parameters used in Chromatography;	1	Chalk & Talk	Direct
2		1	Classification of chromatographic methods, Criteria for selection of stationary and Mobile phase and nature of adsorbents.	1	Chalk & Talk	Direct
3		1	Principles of paper, thin layer, column chromatography.	1	Chalk & Talk	Direct
4		1	Column efficiency, factors affecting column efficiency, Van Deemter's equation and its modern version.	1	Chalk & Talk	Direct
5		1	Paper chromatography; Theory and applications.	1	Chalk & Talk	Direct
6		1	Thin layer chromatography (TLC); Mechanism, RF value, efficiency of TLC plates.	1	Chalk & Talk	Direct
7		1	Methodology-	1	Chalk & Talk	Direct

			selection of Stationary and Mobile phases.			
8		1	Spray reagents, Identification and Detection, Qualitative applications.	1	Chalk & Talk	Direct
9		1	Solvent extraction; Types- batch, continuous, efficiency, selectivity, distribution coefficient.	1	Chalk & Talk	Direct
10		1	Nernst distribution law, derivation, factors affecting the partition, relationship between % extraction and volume fraction.	1	Chalk & Talk	Direct
11		1	Numerical problems on solvent extraction, solvent extraction of iron and copper.	1	Chalk & Talk	Direct
12		1	Ion exchange chromatography: resins, types with examples- Cation and Anion exchange resins.	1	Chalk & Talk	Direct
13		1	Mechanisms of cation and anion exchange process and applications of ion- exchange chromatography.	1	Chalk & Talk	Direct
14		1	Applications of ion-exchange – softening of hard	1	Chalk & Talk	Direct

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2021-22

Programme: I B.Sc.,

Programme Code:

Semester: I

Course Title: Microbial Diversity and Technology

Course Code:

No. of Hours: 16

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	02	05	Microbial growth and measurement. and and	1.	Chalk& Talk	Direct
2.			Nutritional types of Microbes- autotrophs and	2.		
3.			heterotrophs, phototrophs	3.		
4.			chemotrophs; lithotrophs	4.		
5.			organotrophs	5.		
6.	03	11	Microbial cultures and their importance.	6.		
7.			Preservation methods- overlaying cultures with mineral oils	7.		
8.			Pure culture and axenic cultures, subculturing,	8.		
9.			lyophilisation. Microbial culture collections	9.		
10			A brief account on ITCC, MTCC and ATCC.	10.		
11			Viruses- General structure and classification of Viruses; ICTV system of classification	11.		
12			Structure and multiplication of TMV	12.		
13			SARS-COV-2	13.		
14			Bacteriophage (T2). Cultivation of viruses. Vaccines and types.	14.		
15			general characteristics and structure of Potato Spindle Tuber Viroid (PSTVd	15.		
16			Prions - general characters and Prion diseases. Economic importance of viruses	16.		

Programme: I B.Sc.,

Programme Code:

Semester: II

Course Title: Diversity of Non- Flowering Plants

Course Code:

No. of

Hours: 11

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	II	03	Bryophytes – Introduction	1.	Chalk& Talk	Direct
2.			General characteristics	2.		
3.			Classification of Bryophytes	3.		
4.	IV	11	Geological Time scale	4.		
5.			Introduction to Paleobotany	5.		
6.			Paleobotanical records, plant fossils	6.		
7.			Preservation of plant fossils	7.		
8.			impressions, compressions, petrification's	8.		
9.			moulds and casts, pith casts	9.		
10			Fossil taxa- Rhynia	10.		
11			Lepidocarpon, Lyginopteris	11.		
12			Cycadeoidea	12.		
13			Exploration of fossil fuels ,	13.		
14			Birbal Sahni Institute of Paleosciences.	14.		

Programme: I B.A.,

Programme Code:

Semester: I

Course Title: Plants and Human Welfare - OE

Course Code:

No. of Hours: 13

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	II	13	Introduction to cash crops	1.	Chalk& Talk	Direct
2.			Morphology, new varieties and processing of sugarcane.	2.		
3.			products and by- products of sugarcane industry	3.		
4.			Natural Rubber – cultivation, tapping and processing	4.		
5.			Listing of important spices, their family and parts used	5.		
6.			economic importance with special reference to Karnataka	6.		
7.			Study of fennel, clove.	7.		
8.			Study of black pepper and cardamom.	8.		
9.			Origin, morphology, cultivation ,processing and uses of Mango	9.		
10			Origin, morphology, cultivation ,processing and uses of grapes	10.		
11			Origin, morphology, cultivation ,processing and uses of Citrus.	11.		
12			Morphology, processing & uses of Tea	12.		
13			Morphology, processing & uses of Coffee	13.		

Programme: I B.A.,

Programme Code:

Semester: II

Course Title: Plant Propagation, Nursery Management and Gardening

Course Code:

No. of

Hours: 13

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	I	13	Introduction to Nursery	1.	Chalk& Talk	Direct
2.			Definition, objectives of Nursery	2.		
3.			scope and general practices of nursery	3.		
4.			building up of infrastructure for nursery	4.		
5.			planning and seasonal activities.	5.		
6.			Planting - direct seeding and transplants	6.		
7.			Soil free/soilless/ synthetic growth mediums for pots and nursery.	7.		
8.			Air-layering	8.		
9.			cutting, selection of cutting, collecting season,	9.		
10			treatment of cutting, rooting medium	10.		
11			planting of cuttings. Hardening of plants ..	11.		
12			Green house, mist chamber, shed root,	12.		
13			shade house and glass house	13.		

Programme: II B.Sc.,

Programme Code:

Semester: III

Course Title: Plant Anatomy and Embryology of Angiosperms

Course Code: DMC23008/ DMC23007

No. of Hours: 15

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	01	04	Internal Structure of dicot stem	1.	Chalk& Talk	Direct
2.			Internal Structure of monocot stem	2.		
3.			Internal Structure of dicot and monocot root	3.		
4.			Internal Structure of dicot and monocot leaf	4.		
5.	02	04	secondary growth	5.		
6.			secondary growth in dicot stem	6.		
7.			Corticular secondary growth	7.		
8.			Stelar secondary growth	8.		
9.	03	07	Introduction to Anatomical adaptations in xerophytes & Hydrophytes	9.		
10			Xerophytes-Nerium	10.		
11			Xerophyte- Causarina	11.		
12			Hydrophytes-Hydrilla	12.		
13			Hydrophytes-Eichhornia	13.		
14			Epidermis, cuticle	14.		
15			Stomata & Trichome.	15.		

Programme: II B.Sc.,

Programme Code:

Semester: IV

Course Title: Plant Physiology and Metabolism

Course Code:

No. of

Hours: 15

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	I	04	Mineral Nutrition	1.	Chalk& Talk	Direct
2.			Macro and Micro nutrients;	2.		
3.			Role of Nitrogen, Phosphorous, Potassium,	3.		
4.			Sulphur, Manganese and Zinc	4.		
5.			Hydroponics	5.		
6.	II	04	Enzymes & its Properties	6.		
7.			Classification of Enzymes	7.		
8.			Lock & Key theory	8.		
9.			Induced fit theory	9.		
10	IV	06	Nitrogen fixation (Symbiotic)	10.		
11			Non Symbiotic Nitrogen fixation.	11.		
12			Nitrate reduction	12.		
13			Aminoacids & their synthesis	13.		
14			Transamination	14.		
15			Reductive amination	15.		

Programme: III B.Sc.,

Programme Code:

Semester: V

Course Title: Cell and Molecular Biology

Course Code:

No. of

Hours: 15

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	I	11	Nucleic acid	1.	Chalk& Talk	Direct
2.			DNA: Chemistry, Structure	2.		
3.			Replication in Eukaryotes	3.		
4.			semi- conservative method of Replication	4.		
5.			DNA as a genetic material Griffith's and Avery's transformation experiments	5.		
6.			Hershey-Chase bacteriophage experiment	6.		
7.			RNA: Chemistry	7.		
8.			Structure, Types of RNA	8.		
9.			mRNA	9.		
10			tRNA, rRNA	10.		
11			Frankel Conrat's experiment	11.		
12	VIII	04	Gene regulation	12.		
13			Lac operon	13.		
14			Tryp operon concepts	14.		
15			Tryp operon concepts	15.		

Programme: III B.Sc.,
 Course Title: Floriculture
 Course Code:
 Faculty Name: Kiran B L

Programme Code:

Semester: V

No. of Hours: 15

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	I	07	Definition, importance of nurseries.	1.	Chalk& Talk	Direct
2.			classification of nurseries, and management of nurseries	2.		
3.			Basic requirements for Nurseries: Agro-climatic conditions, Topography, Selection of site	3.		
4.			Selection of soil, Seed bed preparation, Water supply and irrigation.	4.		
5.			Parts of nursery- Building structures, Propagating structures- raising of seedlings	5.		
6.			Management of nursery: Irrigation, Nutrition, Weed control,	6.		
7.			Plant protection, Uprooting, packing and transplantation	7.		
8.	II	08	Features of a garden: Introduction	8.		
9.			living elements, hedges, edges, trees, flower beds	9.		
10			lawn, Shrubbery, climbers and creepers	10.		
11			paths, Steps, arches, pergola, rockery, Water garden, sunken	11.		
12			Gardening: Introduction, Formal style, Informal style	12.		
13			planning a garden, creating a garden, establishment of the garden Some Famous gardens of India	13.		
14			Home garden, Public garden. Educational institution, commercial complexes and companies.	14.		
15			Importance, Scope of floriculture and landscape gardening	15.		

Programme: III B.Sc.,

Programme Code:

Semester: VI

Course Title: Genetics and Plant Breeding

Course Code: DMF23008/ DMF23007

No. of Hours: 15

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	03	08	Linkage Introduction	1.	Chalk& Talk	Direct
2.			complete & incomplete linkage	2.		
3.			coupling & repulsion, recombination frequency	3.		
4.			two point test cross, linkage maps,	4.		
5.			Coincidence and interference.	5.		
6.			Crossing over:	6.		
7.			Crossing over concept and significance.	7.		
8.			Linkage in Maize	8.		
9.	04	06	Types of mutations,	9.		
10			Effects of physical & chemical mutagens.	10.		
11			Numerical chromosomal changes:	11.		
12			Euploidy, Polyploidy and Aneuploidy;	12.		
13			Structural chromosomal changes: Deletions, Duplications,	13.		
14			Inversions & Translocations	14.		

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Lesson Plan/Session Plan 2021-22

Programme: I B.Sc.,

Semester: I

Course Title: Microbial Diversity and Technology

Course Code: FSA48039

No. of Hours: 16

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	02	05	Microbial growth and measurement. and and	1.	Chalk& Talk	Direct
2.			Nutritional types of Microbes- autotrophs and	2.		
3.			heterotrophs, phototrophs	3.		
4.			chemotrophs; lithotrophs	4.		
5.			organotrophs	5.		
6.	03	11	Microbial cultures and their importance.	6.		
7.			Preservation methods- overlaying cultures with mineral oils	7.		
8.			Pure culture and axenic cultures, subculturing,	8.		
9.			lyophilisation. Microbial culture collections	9.		
10			A brief account on ITCC, MTCC and ATCC.	10.		
11			Viruses- General structure and classification of Viruses; ICTV system of classification	11.		
12			Structure and multiplication of TMV	12.		
13			SARS-COV-2	13.		
14			Bacteriophage (T2). Cultivation of viruses. Vaccines and types.	14.		
15			general characteristics and structure of Potato Spindle Tuber Viroid (PSTVd	15.		
16			Prions - general characters and Prion diseases. Economic importance of viruses	16.		

Programme: I B.A.,

Semester: II

Course Title: Plant Propagation, Nursery Management and Gardening

Course Code: FSB940

No. of Hours: 13

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	I	13	Introduction to Nursery	1.	Chalk& Talk	Direct
2.			Definition, objectives of Nursery	2.		
3.			scope and general practices of nursery	3.		
4.			building up of infrastructure for nursery	4.		
5.			planning and seasonal activities.	5.		
6.			Planting - direct seeding and transplants	6.		
7.			Soil free/soilless/ synthetic growth mediums for pots and nursery.	7.		
8.			Air-layering	8.		
9.			cutting, selection of cutting, collecting season,	9.		
10			treatment of cutting, rooting medium	10.		
11			planting of cuttings. Hardening of plants ..	11.		
12			Green house, mist chamber, shed root,	12.		
13			shade house and glass house	13.		

Programme: II B.Sc.,

Semester: III

Course Title: Plant Anatomy and Embryology of Angiosperms

Course Code: DMC23008/ DMC23007

No. of Hours: 15

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	01	04	T.S. of Monocot & Dicot root	1.	Chalk& Talk	Direct
2.			T.S. of Monocot & Dicot stem	2.		
3.			T.S. of Monocot & Dicot leaf	3.		
4.			Secondary growth	4.		
5.	02	04	Boerhaavia (dicot stem)	5.		
6.			Dracaena (monocot stem)	6.		
7.			Applications in Systematics.	7.		
8.			Applications in Pharmacognosy. Forensicbotany	8.		
9.	03	07	Differentiation	9.		
10			Cell polarity in acellular (Dictyostelium)	10.		
11			Unicellular (Acetabularia)	11.		
12			Multicellular system	12.		
13			Root hair, stomata formation	13.		
14			Differentiation of root stem, leaf and axillary bud	14.		
15			Mechanism of leaf primordium initiation Phyllotaxis	15.		

Programme: III B.Sc.,
 Course Title: Cell and Molecular Biology
 Course Code: DME23008/ DME23007

Semester: V

No. of Hours: 15

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	I	11	Nucleic acid	1.	Chalk& Talk	Direct
2.			DNA: Chemistry, Structure	2.		
3.			Replication in Eukaryotes	3.		
4.			semi- conservative method of Replication	4.		
5.			DNA as a genetic material Griffith's and Avery's transformation experiments	5.		
6.			Hershey-Chase bacteriophage experiment	6.		
7.			RNA: Chemistry	7.		
8.			Structure, Types of RNA	8.		
9.			mRNA	9.		
10			tRNA, rRNA	10.		
11			Frankel Conrat's experiment	11.		
12	VIII	04	Gene regulation	12.		
13			Lac operon	13.		
14			Tryp operon concepts	14.		
15			Tryp operon concepts	15.		

Programme: III B.Sc.,
Course Title: Floriculture
Course Code:
Faculty Name: Kiran B L

Programme Code:

Semester: V

No. of Hours: 15

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	I	07	Definition, importance of nurseries.	1.	Chalk& Talk	Direct
2.			classification of nurseries, and management of nurseries	2.		
3.			Basic requirements for Nurseries: Agro-climatic conditions, Topography, Selection of site	3.		
4.			Selection of soil, Seed bed preparation, Water supply and irrigation.	4.		
5.			Parts of nursery- Building structures, Propagating structures- raising of seedlings	5.		
6.			Management of nursery: Irrigation, Nutrition, Weed control,	6.		
7.			Plant protection, Uprooting, packing and transplantation	7.		
8.	II	08	Features of a garden: Introduction	8.		
9.			living elements, hedges, edges, trees, flower beds	9.		
10			lawn, Shrubbery, climbers and creepers	10.		
11			paths, Steps, arches, pergola, rockery, Water garden, sunken	11.		
12			Gardening: Introduction, Formal style, Informal style	12.		
13			planning a garden, creating a garden, establishment of the garden Some Famous gardens of India	13.		
14			Home garden, Public garden. Educational institution, commercial complexes and companies.	14.		
15			Importance, Scope of floriculture and landscape gardening	15.		

Programme: III B.Sc.,

Programme Code:

Semester: VI

Course Title: Genetics and Plant Breeding

Course Code: DMF23008/ DMF23007

No. of Hours: 15

Faculty Name: Kiran B L

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	03	08	Linkage Introduction	1.	Chalk& Talk	Direct
2.			complete & incomplete linkage	2.		
3.			coupling & repulsion, recombination frequency	3.		
4.			two point test cross, linkage maps,	4.		
5.			Coincidence and interference.	5.		
6.			Crossing over:	6.		
7.			Crossing over concept and significance.	7.		
8.			Linkage in Maize	8.		
9.	04	06	Types of mutations,	9.		
10			Effects of physical & chemical mutagens.	10.		
11			Numerical chromosomal changes:	11.		
12			Euploidy, Polyploidy and Aneuploidy;	12.		
13			Structural chromosomal changes: Deletions, Duplications,	13.		
14			Inversions & Translocations	14.		

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Lesson Plan/Session Plan 2023-24.
Department of Economics

Programme: IBA (EG)

Programme Code: 31

Semester: I

Course Title: Basic Economics-I

Course Code: FHA410

No. of Hours Assigned: 3

Faculty Name: Mahesha P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Basic Concepts in Economics	1	1	Chalk & Talk	Direct
2	1	3	Meaning of Economics	1	2	Chalk & Talk	Direct
3	1	3	Nature of Economics	1	3	Chalk & Talk	Direct
4	1	3	Scope of Economics	1	4	Chalk & Talk	Direct
5	1	3	Methods of Economics	1	5	Chalk & Talk	Direct
6	1	3	Why Study Economics?	1	6	Chalk & Talk	Direct
7	1	3	Thinking Like an Economist	1	7	Chalk & Talk	Direct
8	1	3	The Economist as Scientist	1	8	Chalk & Talk	Direct
9	1	3	Policy Adviser	1	9	Chalk & Talk	Direct
10	1	3	Economic Policy	1	10	Chalk & Talk	Direct
11	1	3	Economics System	1	11	Chalk & Talk	Direct
12	1	3	Types of Economic Activities	1	12	Chalk & Talk	Direct
13	1	3	Organization of Economic Activities	1	13	Chalk & Talk	Direct
14	1	3	Circular Flow of Economic Activity	1	14	Chalk & Talk	Direct
15	1	3	Evolution of the Present Economic System	1	15	Chalk & Talk	Direct
16	2	3	Demand, Supply, & Markets	1	16	Chalk & Talk	Direct
17	2	3	Firm and Households	1	17	Chalk & Talk	Direct
18	2	3	Relationship b/w Firm & households	1	18	Chalk & Talk	Direct
19	2	3	Input Markets	1	19	Chalk & Talk	Direct
20	2	3	Output Markets	1	20	Chalk & Talk	Direct
21	2	3	Individual Demand	1	21	Chalk & Talk	Direct
22	2	3	Market Demand	1	22	Chalk & Talk	Direct
23	2	3	Demand Determinants	1	23	Chalk & Talk	Direct
24	2	3	Supply and its determinants	1	24	Chalk & Talk	Direct
25	2	3	Market Equilibrium	1	25	Chalk & Talk	Direct
26	2	3	Elasticity and its Measurements	1	26	Chalk & Talk	Direct
27	2	3	Types of Elasticity of Demand	1	27	Chalk & Talk	Direct
28	2	3	Price, Income & Cross Elasticity	1	28	Chalk & Talk	Direct
29	2	3	Measurement of EOD	1	29	Chalk & Talk	Direct
30	2	3	Determinants of EOD	1	30	Chalk & Talk	Direct
31	3	3	Cost & Market Structure	1	31	Chalk & Talk	Direct
32	3	3	Production and Cost	1	32	Chalk & Talk	Direct
33	3	3	Production Function	1	33	Chalk & Talk	Direct

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34	3	3	TP,MP,Average Product Cost	1	34	Chalk & Talk	Direct
35	3	3	Revenue Function	1	35	Chalk & Talk	Direct
36	3	3	Accounting & Economic Cost	1	36	Chalk & Talk	Direct
37	3	3	Cost in Short Run	1	37	Chalk & Talk	Direct
38	3	3	FC,VC,MC	1	38	Chalk & Talk	Direct
39	3	3	Long Run AC & MC	1	39	Chalk & Talk	Direct
40	3	3	TR,AR,MR	1	40	Chalk & Talk	Direct
41	3	3	Market Structure	1	41	Chalk & Talk	Direct
42	3	3	Perfect Competition	1	42	Chalk & Talk	Direct
43	3	3	Imperfect Competition	1	43	Chalk & Talk	Direct
44	3	3	Monopoly	1	44	Chalk & Talk	Direct
45	3	3	Oligopoly	1	45	Chalk & Talk	Direct
46	3	3	Pricing Strategies	1	46	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.
Department of Economics

Programme: I BA (EG)

Programme Code: 31

Semester: I

Course Title: Contemporary Indian Economy

Course Code: FHA420

No. of Hours Assigned: 3

Faculty Name: Dr.Shanmuga S

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Recent Issues	1	1	Chalk & Talk	Direct
2	1	3	Geneses & Impact of LPG	1	2	Chalk & Talk	Direct
3	1	3	Population Policy	1	3	Chalk & Talk	Direct
4	1	3	Demographic Dividend	1	4	Chalk & Talk	Direct
5	1	3	India's HDI	1	5	Chalk & Talk	Direct
6	1	3	Urbanization & Smart City Mission	1	6	Chalk & Talk	Direct
7	1	3	Informal Sector	1	7	Chalk & Talk	Direct
8	1	3	Impact of Covid-19	1	8	Chalk & Talk	Direct
9	1	3	Atma Nirbhara Bharath Abhiyan	1	9	Chalk & Talk	Direct
10	1	3	Agriculture & WTO	1	10	Chalk & Talk	Direct
11	1	3	Price Policy & Subsidy	1	11	Chalk & Talk	Direct
12	1	3	Commercialization & Diversification	1	12	Chalk & Talk	Direct
13	1	3	PDS	1	13	Chalk & Talk	Direct
14	1	3	Impact of Public Expenditure on Agriculture	1	14	Chalk & Talk	Direct
15	1	3	Doubling Farm Income, MGNREGS	1	15	Chalk & Talk	Direct
16	2	3	New Industrial Policy	1	16	Chalk & Talk	Direct
17	2	3	Public Sector Reforms	1	17	Chalk & Talk	Direct
18	2	3	Privatization and Disinvestment	1	18	Chalk & Talk	Direct
19	2	3	Competition Policy	1	19	Chalk & Talk	Direct
20	2	3	Ease of Doing Business	1	20	Chalk & Talk	Direct
21	2	3	Performance of MSMEs	1	21	Chalk & Talk	Direct
22	2	3	Role of MNCs in Industrial Development	1	22	Chalk & Talk	Direct

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23	2	3	Make in India	1	23	Chalk & Talk	Direct
24	2	3	National Monetization Pipeline	1	24	Chalk & Talk	Direct
25	2	3	Tax, Expenditure & Budgetary Deficit	1	25	Chalk & Talk	Direct
26	2	3	Pension and fiscal Reforms	1	26	Chalk & Talk	Direct
27	2	3	Public Debt Management	1	27	Chalk & Talk	Direct
28	2	3	Fiscal Responsibility & (FRBM) Act	1	28	Chalk & Talk	Direct
29	2	3	GST, Fiscal Federalism & Consolidation	1	29	Chalk & Talk	Direct
30	2	3	Recommendation of Current Finance Commission	1	30	Chalk & Talk	Direct
31	3	3	Monetary policy & Money Market	1	31	Chalk & Talk	Direct
32	3	3	Financial Sector Reforms	1	32	Chalk & Talk	Direct
33	3	3	Interest Rate policy	1	33	Chalk & Talk	Direct
34	3	3	Review of Monetary Policy of RBI	1	34	Chalk & Talk	Direct
35	3	3	Working of SEBI in India	1	35	Chalk & Talk	Direct
36	3	3	Changing Role of RBI	1	36	Chalk & Talk	Direct
37	3	3	Commercial Banks	1	37	Chalk & Talk	Direct
38	3	3	Development Finance Institution	1	38	Chalk & Talk	Direct
39	3	3	Foreign Banks & NBFIs	1	39	Chalk & Talk	Direct
40	3	3	Analysis of Price Behavior in India, Anti-Inflationary Measures	1	40	Chalk & Talk	Direct
41	3	3	Demonetization and its Impact	1	41	Chalk & Talk	Direct
42	3	3	India's Foreign Trade	1	42	Chalk & Talk	Direct
43	3	3	India's BOP Since 1991	1	43	Chalk & Talk	Direct
44	3	3	New Exchange Rate Regime: Partial and Full Convertibility	1	44	Chalk & Talk	Direct
45	3	3	Capital account Convertibility	1	45	Chalk & Talk	Direct
46	3	3	FDI - Trends & Patterns	1	46	Chalk & Talk	Direct
47	3	3	New EXIM Policy, WTO & India	1	47	Chalk & Talk	Direct
48	3	3	Bilateral & Multi lateral Trade Agreements & Associations	1	48	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: I BSc-(PC,PM, PE,MCs & PCs)

Programme Code:

Semester: I

Course Title: Development Studies

Course Code: FHA800

No. of Hours Assigned: 3

Faculty Name: Mahesha P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	The Concept of Development	1	1	Chalk & Talk	Direct
2	1	3	Growth and Development	1	2	Chalk & Talk	Direct
3	1	3	Quantitative to qualitative indices	1	3	Chalk & Talk	Direct
4	1	3	Characteristics of Modern Economy	1	4	Chalk & Talk	Direct
5	1	3	Disparities	1	5	Chalk & Talk	Direct
6	1	3	Characteristics and Dissimilarities	1	6	Chalk & Talk	Direct

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7	1	3	Inequality	1	7	Chalk & Talk	Direct
8	1	3	Migration	1	8	Chalk & Talk	Direct
9	1	3	Conflicts	1	9	Chalk & Talk	Direct
10	2	3	Development Ethics	1	10	Chalk & Talk	Direct
11	2	3	Principles and Importance of Development Ethics	1	11	Chalk & Talk	Direct
12	2	3	Per Capita Income	1	12	Chalk & Talk	Direct
13	2	3	Physical Quality of Life Index (PQLI)	1	13	Chalk & Talk	Direct
14	2	3	Gender Empowerment Index	1	14	Chalk & Talk	Direct
15	2	3	HDI	1	15	Chalk & Talk	Direct
16	2	3	Adam Smith	1	16	Chalk & Talk	Direct
17	2	3	Marx	1	17	Chalk & Talk	Direct
18	2	3	Schumpeter	1	18	Chalk & Talk	Direct
19	2	3	Structuralist Approach	1	19	Chalk & Talk	Direct
20	2	3	Neo-liberalism, IMF and Structural Adjustment	1	20	Chalk & Talk	Direct
21	2	3	Capabilities Approach	1	21	Chalk & Talk	Direct
22	3	3	Modernization Theory	1	22	Chalk & Talk	Direct
23	3	3	Dependency Theory	1	23	Chalk & Talk	Direct
24	3	3	Capitalist World System	1	24	Chalk & Talk	Direct
25	3	3	Poverty Reduction	1	25	Chalk & Talk	Direct
26	3	3	Colonial Regimes	1	26	Chalk & Talk	Direct
27	3	3	The Industrial Revolution	1	27	Chalk & Talk	Direct
28	3	3	Genesis and Spread	1	28	Chalk & Talk	Direct
29	3	3	International Labour	1	29	Chalk & Talk	Direct
30	3	3	Industrial Labour	1	30	Chalk & Talk	Direct
31	3	3	ILO	1	31	Chalk & Talk	Direct
32	3	3	Environment and Development	1	32	Chalk & Talk	Direct
33	3	3	Degradation of environment	1	33	Chalk & Talk	Direct
34	3	3	Air pollution	1	34	Chalk & Talk	Direct
35	3	3	Water pollution	1	35	Chalk & Talk	Direct
36	3	3	Deforestation	1	36	Chalk & Talk	Direct
37	3	3	Depletion of Global Commons	1	37	Chalk & Talk	Direct
38	3	3	Sustainable development	1	38	Chalk & Talk	Direct
39	3	3	SDGs	1	39	Chalk & Talk	Direct
40	3	3	Climate Change	1	40	Chalk & Talk	Direct
41	3	3	Causes, Impact	1	41	Chalk & Talk	Direct
42	3	3	Mitigation and Adaptations	1	42	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.
Department of Economics

Programme: I BCA-C

Course Title: Development Studies

Faculty Name: Dr. Shanmuga S

Programme Code:

Course Code: FHA800

Semester: I

No. of Hours Assigned: 3

Shanmuga S.

HOD

Department of Economics
J.S.S. College (Autonomous)
Ooty Road, MYSORE-25

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	The Concept of Development	1	1	Chalk & Talk	Direct
2	1	3	Growth and Development	1	2	Chalk & Talk	Direct
3	1	3	Quantitative to qualitative Indices	1	3	Chalk & Talk	Direct
4	1	3	Characteristics of Modern Economy	1	4	Chalk & Talk	Direct
5	1	3	Disparities	1	5	Chalk & Talk	Direct
6	1	3	Characteristics and Dissimilarities	1	6	Chalk & Talk	Direct
7	1	3	Inequality	1	7	Chalk & Talk	Direct
8	1	3	Migration	1	8	Chalk & Talk	Direct
9	1	3	Conflicts	1	9	Chalk & Talk	Direct
10	2	3	Development Ethics	1	10	Chalk & Talk	Direct
11	2	3	Principles and Importance of Development Ethics	1	11	Chalk & Talk	Direct
12	2	3	Per Capita Income	1	12	Chalk & Talk	Direct
13	2	3	Physical Quality of Life Index (PQLI)	1	13	Chalk & Talk	Direct
14	2	3	Gender Empowerment Index	1	14	Chalk & Talk	Direct
15	2	3	HDI	1	15	Chalk & Talk	Direct
16	2	3	Adam Smith	1	16	Chalk & Talk	Direct
17	2	3	Marx	1	17	Chalk & Talk	Direct
18	2	3	Schumpeter	1	18	Chalk & Talk	Direct
19	2	3	Structuralist Approach	1	19	Chalk & Talk	Direct
20	2	3	Neo-liberalism, IMF and Structural Adjustment	1	20	Chalk & Talk	Direct
21	2	3	Capabilities Approach	1	21	Chalk & Talk	Direct
22	3	3	Modernization Theory	1	22	Chalk & Talk	Direct
23	3	3	Dependency Theory	1	23	Chalk & Talk	Direct
24	3	3	Capitalist World System	1	24	Chalk & Talk	Direct
25	3	3	Poverty Reduction	1	25	Chalk & Talk	Direct
26	3	3	Colonial Regimes	1	26	Chalk & Talk	Direct
27	3	3	The Industrial Revolution	1	27	Chalk & Talk	Direct
28	3	3	Genesis and Spread	1	28	Chalk & Talk	Direct
29	3	3	International Labour	1	29	Chalk & Talk	Direct
30	3	3	Industrial Labour	1	30	Chalk & Talk	Direct
31	3	3	ILO	1	31	Chalk & Talk	Direct
32	3	3	Environment and Development	1	32	Chalk & Talk	Direct
33	3	3	Degradation of environment	1	33	Chalk & Talk	Direct
34	3	3	Air pollution	1	34	Chalk & Talk	Direct
35	3	3	Water pollution	1	35	Chalk & Talk	Direct
36	3	3	Deforestation	1	36	Chalk & Talk	Direct
37	3	3	Depletion of Global Commons	1	37	Chalk & Talk	Direct
38	3	3	Sustainable development	1	38	Chalk & Talk	Direct
39	3	3	SDGs	1	39	Chalk & Talk	Direct
40	3	3	Climate Change	1	40	Chalk & Talk	Direct
41	3	3	Causes, Impact	1	41	Chalk & Talk	Direct
42	3	3	Mitigation and Adaptations	1	42	Chalk & Talk	Direct

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Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: I BCom-C

Programme Code:

Semester: I

Course Title: Development Studies

Course Code: FHA800

No. of Hours Assigned: 3

Faculty Name: Rathnamma N

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	The Concept of Development	1	1	Chalk & Talk	Direct
2	1	3	Growth and Development	1	2	Chalk & Talk	Direct
3	1	3	Quantitative to qualitative indices	1	3	Chalk & Talk	Direct
4	1	3	Characteristics of Modern Economy	1	4	Chalk & Talk	Direct
5	1	3	Disparities	1	5	Chalk & Talk	Direct
6	1	3	Characteristics and Dissimilarities	1	6	Chalk & Talk	Direct
7	1	3	Inequality	1	7	Chalk & Talk	Direct
8	1	3	Migration	1	8	Chalk & Talk	Direct
9	1	3	Conflicts	1	9	Chalk & Talk	Direct
10	2	3	Development Ethics	1	10	Chalk & Talk	Direct
11	2	3	Principles and Importance of Development Ethics	1	11	Chalk & Talk	Direct
12	2	3	Per Capita Income	1	12	Chalk & Talk	Direct
13	2	3	Physical Quality of Life Index (PQLI)	1	13	Chalk & Talk	Direct
14	2	3	Gender Empowerment Index	1	14	Chalk & Talk	Direct
15	2	3	HDI	1	15	Chalk & Talk	Direct
16	2	3	Adam Smith	1	16	Chalk & Talk	Direct
17	2	3	Marx	1	17	Chalk & Talk	Direct
18	2	3	Schumpeter	1	18	Chalk & Talk	Direct
19	2	3	Structuralist Approach	1	19	Chalk & Talk	Direct
20	2	3	Neo-liberalism, IMF and Structural Adjustment	1	20	Chalk & Talk	Direct
21	2	3	Capabilities Approach	1	21	Chalk & Talk	Direct
22	3	3	Modernization Theory	1	22	Chalk & Talk	Direct
23	3	3	Dependency Theory	1	23	Chalk & Talk	Direct
24	3	3	Capitalist World System	1	24	Chalk & Talk	Direct
25	3	3	Poverty Reduction	1	25	Chalk & Talk	Direct
26	3	3	Colonial Regimes	1	26	Chalk & Talk	Direct
27	3	3	The Industrial Revolution	1	27	Chalk & Talk	Direct
28	3	3	Genesis and Spread	1	28	Chalk & Talk	Direct
29	3	3	International Labour	1	29	Chalk & Talk	Direct
30	3	3	Industrial Labour	1	30	Chalk & Talk	Direct
31	3	3	ILO	1	31	Chalk & Talk	Direct
32	3	3	Environment and Development	1	32	Chalk & Talk	Direct
33	3	3	Degradation of environment	1	33	Chalk & Talk	Direct
34	3	3	Air pollution	1	34	Chalk & Talk	Direct
35	3	3	Water pollution	1	35	Chalk & Talk	Direct
36	3	3	Deforestation	1	36	Chalk & Talk	Direct

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Ooty Road, Mysore-25

37	3	3	Depletion of Global Commons	1	37	Chalk & Talk	Direct
38	3	3	Sustainable development	1	38	Chalk & Talk	Direct
39	3	3	SDGs	1	39	Chalk & Talk	Direct
40	3	3	Climate Change	1	40	Chalk & Talk	Direct
41	3	3	Causes, Impact	1	41	Chalk & Talk	Direct
42	3	3	Mitigation and Adaptations	1	42	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: I BBA-B

Programme Code:

Semester: I

Course Title: Development Studies

Course Code: FHA800

No. of Hours Assigned: 3

Faculty Name: Rathnamma N

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	The Concept of Development	1	1	Chalk & Talk	Direct
2	1	3	Growth and Development	1	2	Chalk & Talk	Direct
3	1	3	Quantitative to qualitative indices	1	3	Chalk & Talk	Direct
4	1	3	Characteristics of Modern Economy	1	4	Chalk & Talk	Direct
5	1	3	Disparities	1	5	Chalk & Talk	Direct
6	1	3	Characteristics and Dissimilarities	1	6	Chalk & Talk	Direct
7	1	3	Inequality	1	7	Chalk & Talk	Direct
8	1	3	Migration	1	8	Chalk & Talk	Direct
9	1	3	Conflicts	1	9	Chalk & Talk	Direct
10	2	3	Development Ethics	1	10	Chalk & Talk	Direct
11	2	3	Principles and Importance of Development Ethics	1	11	Chalk & Talk	Direct
12	2	3	Per Capita Income	1	12	Chalk & Talk	Direct
13	2	3	Physical Quality of Life Index (PQU)	1	13	Chalk & Talk	Direct
14	2	3	Gender Empowerment Index	1	14	Chalk & Talk	Direct
15	2	3	HDI	1	15	Chalk & Talk	Direct
16	2	3	Adam Smith	1	16	Chalk & Talk	Direct
17	2	3	Marx	1	17	Chalk & Talk	Direct
18	2	3	Schumpeter	1	18	Chalk & Talk	Direct
19	2	3	Structuralist Approach	1	19	Chalk & Talk	Direct
20	2	3	Neo-liberalism, IMF and Structural Adjustment	1	20	Chalk & Talk	Direct
21	2	3	Capabilities Approach	1	21	Chalk & Talk	Direct
22	3	3	Modernization Theory	1	22	Chalk & Talk	Direct
23	3	3	Dependency Theory	1	23	Chalk & Talk	Direct
24	3	3	Capitalist World System	1	24	Chalk & Talk	Direct
25	3	3	Poverty Reduction	1	25	Chalk & Talk	Direct
26	3	3	Colonial Regimes	1	26	Chalk & Talk	Direct
27	3	3	The Industrial Revolution	1	27	Chalk & Talk	Direct
28	3	3	Genesis and Spread	1	28	Chalk & Talk	Direct
29	3	3	International Labour	1	29	Chalk & Talk	Direct

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30	3	3	Industrial Labour	1	30	Chalk & Talk	Direct
31	3	3	ILO	1	31	Chalk & Talk	Direct
32	3	3	Environment and Development	1	32	Chalk & Talk	Direct
33	3	3	Degradation of environment	1	33	Chalk & Talk	Direct
34	3	3	Air pollution	1	34	Chalk & Talk	Direct
35	3	3	Water pollution	1	35	Chalk & Talk	Direct
36	3	3	Deforestation	1	36	Chalk & Talk	Direct
37	3	3	Depletion of Global Commons	1	37	Chalk & Talk	Direct
38	3	3	Sustainable development	1	38	Chalk & Talk	Direct
39	3	3	SDGs	1	39	Chalk & Talk	Direct
40	3	3	Climate Change	1	40	Chalk & Talk	Direct
41	3	3	Causes, Impact	1	41	Chalk & Talk	Direct
42	3	3	Mitigation and Adaptations	1	42	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: II BA

Programme Code: 31

Semester: III

Course Title: Micro Economics

Course Code: FHC410

No. of Hours Assigned: 3

Faculty Name: Rathnamma N

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Exploring Microeconomics	1	1	Chalk & Talk	Direct
2	1	3	opportunity cost, scarcity, production possibility frontier	1	2	Chalk & Talk	Direct
3	1	3	Marketsystem, welfare state	1	3	Chalk & Talk	Direct
4	1	3	Determinants of demand and supply	1	4	Chalk & Talk	Direct
5	1	3	shifts in the demand and supply curves; Interaction of demand and supply	1	5	Chalk & Talk	Direct
6	1	3	Equilibrium price and quantity	1	6	Chalk & Talk	Direct
7	2	3	Diminishing Marginal Utility	1	7	Chalk & Talk	Direct
8	2	3	Indifference curves	1	8	Chalk & Talk	Direct
9	2	3	Satisfaction Maximization	1	9	Chalk & Talk	Direct
10	2	3	income and substitution effects	1	10	Chalk & Talk	Direct
11	2	3	choice between leisure and consumption	1	11	Chalk & Talk	Direct
12	3	3	Concept of firm and Industry	1	12	Chalk & Talk	Direct
13	3	3	Production Function; Law of Variable Proportions	1	13	Chalk & Talk	Direct
14	3	3	Isoquant and Isocost lines	1	14	Chalk & Talk	Direct
15	3	3	cost minimizing equilibrium condition	1	15	Chalk & Talk	Direct
16	3	3	Cobb-Douglas Production Function	1	16	Chalk & Talk	Direct
17	3	3	Cost of Production	1	17	Chalk & Talk	Direct
18	3	3	Short run and long run costs	1	18	Chalk & Talk	Direct

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19	3	3	Returnsto Scale	1	19	Chalk & Talk	Direct
20	4	3	The Markets	1	20	Chalk & Talk	Direct
21	4	3	Pricing under perfect competition	1	21	Chalk & Talk	Direct
22	4	3	Monopoly pricing and price discrimination	1	22	Chalk & Talk	Direct
23	4	3	Monopolistic Competition	1	23	Chalk & Talk	Direct
24	4	3	Oligopoly – Interdependence	1	24	Chalk & Talk	Direct
25	4	3	Collusive and non-collusive oligopoly	1	25	Chalk & Talk	Direct
26	4	3	Elements of Game theory	1	26	Chalk & Talk	Direct
27	4	3	The Inputs (Factors)	1	27	Chalk & Talk	Direct
28	4	3	Demand for and supply of factors	1	28	Chalk & Talk	Direct
29	4	3	Marginal Productivity Theory of Distribution	1	29	Chalk & Talk	Direct
30	4	3	Meaning and determinants of Rent	1	30	Chalk & Talk	Direct
31	4	3	Wages	1	31	Chalk & Talk	Direct
32	4	3	Interest and Profits	1	32	Chalk & Talk	Direct
33	5	3	Welfare Economics	1	33	Chalk & Talk	Direct
34	5	3	Pigou's Welfare Economics	1	34	Chalk & Talk	Direct
35	5	3	Compensationprinciple	1	35	Chalk & Talk	Direct
36	5	3	Impediments to attain Maximum SocialWelfare	1	36	Chalk & Talk	Direct
37	5	3	Externalities	1	37	Chalk & Talk	Direct
38	5	3	Market Failure	1	38	Chalk & Talk	Direct
39	6	3	Economic Theory and Policy	1	39	Chalk & Talk	Direct
40	6	3	BasicsofMonetaryandFiscal Policies	1	40	Chalk & Talk	Direct
41	6	3	Incentives and Penalties	1	41	Chalk & Talk	Direct
42	6	3	Labour policies	1	42	Chalk & Talk	Direct

**Lesson Plan/Session Plan 2023-24.
Department of Economics**

Programme: II BA

ProgrammeCode:31

Semester: III

Course Title: Mathematics for Economics

Course Code: FHC420

No. of Hours Assigned: 3

Faculty Name: Mahesha P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Mathematical Economics	1	1	Chalk& Talk	Direct
2	1	3	Nature of Mathematical Economics	1	2	Chalk & Talk	Direct
3	1	3	Scope of Mathematical Economics	1	3	Chalk & Talk	Direct
4	1	3	Role of mathematics in economic theory	1	4	Chalk & Talk	Direct
5	1	3	Types of Numbers	1	5	Chalk & Talk	Direct
6	1	3	Concepts of sets	1	6	Chalk & Talk	Direct
7	1	3	Types of sets	1	7	Chalk & Talk	Direct
8	1	3	Union of sets	1	8	Chalk & Talk	Direct

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Department of Economics
J.S.S. College(Autonomous)
Ooty Road, Mysore 577 002

19	3	3	Returnsto Scale	1	19	Chalk & Talk	Direct
20	4	3	The Markets	1	20	Chalk & Talk	Direct
21	4	3	Pricing under perfect competition	1	21	Chalk & Talk	Direct
22	4	3	Monopoly pricing and price discrimination	1	22	Chalk & Talk	Direct
23	4	3	Monopolistic Competition	1	23	Chalk & Talk	Direct
24	4	3	Oligopoly – Interdependence	1	24	Chalk & Talk	Direct
25	4	3	Collusive and non-collusive oligopoly	1	25	Chalk & Talk	Direct
26	4	3	Elements of Game theory	1	26	Chalk & Talk	Direct
27	4	3	The Inputs (Factors)	1	27	Chalk & Talk	Direct
28	4	3	Demand for and supply of factors	1	28	Chalk & Talk	Direct
29	4	3	Marginal Productivity Theory of Distribution	1	29	Chalk & Talk	Direct
30	4	3	Meaning and determinants of Rent	1	30	Chalk & Talk	Direct
31	4	3	Wages	1	31	Chalk & Talk	Direct
32	4	3	Interest and Profits	1	32	Chalk & Talk	Direct
33	5	3	Welfare Economics	1	33	Chalk & Talk	Direct
34	5	3	Pigou's Welfare Economics	1	34	Chalk & Talk	Direct
35	5	3	Compensationprinciple	1	35	Chalk & Talk	Direct
36	5	3	Impediments to attain Maximum SocialWelfare	1	36	Chalk & Talk	Direct
37	5	3	Externalities	1	37	Chalk & Talk	Direct
38	5	3	Market Fallure	1	38	Chalk & Talk	Direct
39	6	3	Economic Theory and Policy	1	39	Chalk & Talk	Direct
40	6	3	BasicsofMonetaryandFiscal Policies	1	40	Chalk & Talk	Direct
41	6	3	Incentives and Penalties	1	41	Chalk & Talk	Direct
42	6	3	Labour policies	1	42	Chalk & Talk	Direct

**Lesson Plan/Session Plan 2023-24.
Department of Economics**

Programme: II BA

ProgrammeCode:31

Semester: III

Course Title: Mathematics for Economics

Course Code: FHC420

No. of Hours Assigned: 3

Faculty Name: Mahesha P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Mathematical Economics	1	1	Chalk& Talk	Direct
2	1	3	Nature of Mathematical Economics	1	2	Chalk & Talk	Direct
3	1	3	Scope of Mathematical Economics	1	3	Chalk & Talk	Direct
4	1	3	Role of mathematics in economic theory	1	4	Chalk & Talk	Direct
5	1	3	Types of Numbers	1	5	Chalk & Talk	Direct
6	1	3	Concepts of sets	1	6	Chalk & Talk	Direct
7	1	3	Types of sets	1	7	Chalk & Talk	Direct
8	1	3	Union of sets	1	8	Chalk & Talk	Direct

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J.S.S. College(Autonomous)
Ooty Road, Mysore 577 002

9	1	3	Intersection of sets	1	9	Chalk & Talk	Direct
10	1	3	Functions	1	10	Chalk & Talk	Direct
11	1	3	Types of functions	1	11	Chalk & Talk	Direct
12	1	3	Quadratic, Polynomial	1	12	Chalk & Talk	Direct
13	1	3	Logarithmic and Exponential functions	1	13	Chalk & Talk	Direct
14	2	3	Economic Functions	1	14	Chalk & Talk	Direct
15	2	3	Production function	1	15	Chalk & Talk	Direct
16	2	3	Cost, Revenue and Profit function	1	16	Chalk & Talk	Direct
17	2	3	Consumption function	1	17	Chalk & Talk	Direct
18	2	3	Applications of Functions	1	18	Chalk & Talk	Direct
19	2	3	Market equilibrium	1	19	Chalk & Talk	Direct
20	2	3	Equilibrium price and Quantity	1	20	Chalk & Talk	Direct
21	2	3	Impact of specific tax	1	21	Chalk & Talk	Direct
22	2	3	Impact of subsidy on market equilibrium	1	22	Chalk & Talk	Direct
23	2	3	Matrices	1	23	Chalk & Talk	Direct
24	2	3	Types of Matrices	1	24	Chalk & Talk	Direct
25	2	3	Addition, Subtraction and Multiplication	1	25	Chalk & Talk	Direct
26	2	3	Transpose of a Matrix	1	26	Chalk & Talk	Direct
27	2	3	Determinants of Matrix	1	27	Chalk & Talk	Direct
28	2	3	Cramer's Rule	1	28	Chalk & Talk	Direct
29	3	3	Differential Calculus and Its Applications	1	29	Chalk & Talk	Direct
30	3	3	Limits of functions	1	30	Chalk & Talk	Direct
31	3	3	Differentiation	1	31	Chalk & Talk	Direct
32	3	3	Rules of differentiation	1	32	Chalk & Talk	Direct
33	3	3	Derivatives of Economic functions	1	33	Chalk & Talk	Direct
34	3	3	Derivation of Marginal functions from total function	1	34	Chalk & Talk	Direct
35	3	3	Marginal Production	1	35	Chalk & Talk	Direct
36	3	3	Marginal cost	1	36	Chalk & Talk	Direct
37	3	3	Marginal Revenue	1	37	Chalk & Talk	Direct
38	3	3	Marginal Profit	1	38	Chalk & Talk	Direct
39	3	3	Applications of Derivatives and Higher order derivatives	1	39	Chalk & Talk	Direct
40	3	3	Elasticity of Demand	1	40	Chalk & Talk	Direct
41	3	3	Second order derivatives	1	41	Chalk & Talk	Direct
42	3	3	Maxima and Minima of Economic function.	1	42	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: II BCom-C
 Course Title: Rural Economics
 Faculty Name: Mahesha P

Programme Code:
 Course Code: FHC800

Semester: III
 No. of Hours Assigned: 3

Mahesh P.

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Department of Economics
 J.S.S. College
 Ooty Road, Mysore

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Rural Economy	1	1	Chalk & Talk	Direct
2	1	3	Objectives of Rural economy	1	2	Chalk & Talk	Direct
3	1	3	Characteristics of Rural Economy	1	3	Chalk & Talk	Direct
4	1	3	Indicators of Rural Development	1	4	Chalk & Talk	Direct
5	1	3	Inclusive and sustainable development	1	5	Chalk & Talk	Direct
6	1	3	Approaches to R D Gandhian Model	1	6	Chalk & Talk	Direct
7	1	3	Community Development Approach	1	7	Chalk & Talk	Direct
8	1	3	Minimum Needs Approach,	1	8	Chalk & Talk	Direct
9	1	3	Integrated Rural Development and Inclusive Growth Approach.	1	9	Chalk & Talk	Direct
10	1	3	Meaning and Measurement of Poverty	1	10	Chalk & Talk	Direct
11	1	3	Causes of Poverty	1	11	Chalk & Talk	Direct
12	1	3	Farm and Non-farm employment	1	12	Chalk & Talk	Direct
13	1	3	Measurement and Types employment	1	13	Chalk & Talk	Direct
14	2	3	Review of Poverty Alleviation and Employment Generation Programmes in India.	1	14	Chalk & Talk	Direct
15	2	3	Rural Enterprises	1	15	Chalk & Talk	Direct
16	2	3	Importance & Classification of MSME	1	16	Chalk & Talk	Direct
17	2	3	Progress and Problems of MSME	1	17	Chalk & Talk	Direct
18	2	3	Khadi and Village Industries	1	18	Chalk & Talk	Direct
19	2	3	Credit Co-Operative Societies	1	19	Chalk & Talk	Direct
20	2	3	RRB	1	20	Chalk & Talk	Direct
21	2	3	NABARD	1	21	Chalk & Talk	Direct
22	2	3	Microfinance Institutions	1	22	Chalk & Talk	Direct
23	2	3	Educational and Health Infrastructure	1	23	Chalk & Talk	Direct
24	2	3	Housing and Sanitation	1	24	Chalk & Talk	Direct
25	2	3	Drinking Water Supply	1	25	Chalk & Talk	Direct
26	2	3	Rural Transport and Communication Rural	1	26	Chalk & Talk	Direct
27	2	3	Electrification	1	27	Chalk & Talk	Direct
28	2	3	Wage Employment Programmes	1	28	Chalk & Talk	Direct
29	3	3	Self-employment and Entrepreneurship Development Programmes	1	29	Chalk & Talk	Direct
30	3	3	Rural Housing Programmes	1	30	Chalk & Talk	Direct
31	3	3	Rural Sanitation Programmes	1	31	Chalk & Talk	Direct
32	3	3	Types of Rural Markets	1	32	Chalk & Talk	Direct
33	3	3	Defects and Government Measures for Removal of Defects in rural markets	1	33	Chalk & Talk	Direct
34	3	3	Co-operative Marketing Societies	1	34	Chalk & Talk	Direct
35	3	3	Meaning and Importance of Regulated Markets	1	35	Chalk & Talk	Direct
36	3	3	Digital Marketing (e-NAM)	1	36	Chalk & Talk	Direct

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37	3	3	Rural Governance	1	37	Chalk & Talk	Direct
38	3	3	Legislations powers, Functions	1	38	Chalk & Talk	Direct
39	3	3	Sources of revenue of Panchayat Raj Institutions	1	39	Chalk & Talk	Direct
40	3	3	Role of NGOs in rural development	1	40	Chalk & Talk	Direct
41	3	3	People's participation in rural development	1	41	Chalk & Talk	Direct
42	3	3	Gram Panchayat	1	42	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: III BA (EG)

Programme Code: 41

Semester: V

Course Title: Public Economics

Course Code: FHE410

No. of Hours Assigned: 60

Faculty Name: Mahesha P

Sl. No.	Module	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	6	Public Economics	1	1	Chalk and Talk	Direct
2	1	6	Meaning, definitions	1	2	Chalk and Talk	Direct
3	1	6	Scope and Significance	1	3	Chalk and Talk	Direct
4	1	6	Public Finance and Private Finance	1	4	Chalk and Talk	Direct
5	1	6	Meaning, and Distinction	1	5	Chalk and Talk	Direct
6	1	6	Public good and private good:	1	6	Chalk and Talk	Direct
7	1	6	Characteristics	1	7	Chalk and Talk	Direct
8	1	6	Distinction	1	8	Chalk and Talk	Direct
9	1	6	Principle of Maximum Social Advantage	1	9	Chalk & Talk	Direct
10	1	6	Market Failure	1	10	Chalk & Talk	Direct
11	1	6	Meaning, causes	1	11	Chalk & Talk	Direct
12	1	6	Role of Externalities	1	12	Chalk & Talk	Direct
13	1	6	Market failure and role of government	1	13	Chalk & Talk	Direct
14	1	6	Corrective actions	1	14	Chalk & Talk	Direct
15	1	6	Market failure and government intervention	1	15	Chalk & Talk	Direct
16	2	6	Public Revenue and Public Expenditure	1	16	Chalk & Talk	Direct
17	2	6	Meaning and sources of revenue	1	17	Chalk & Talk	Direct
18	2	6	Taxation	1	18	Chalk & Talk	Direct
19	2	6	Canon of taxation	1	19	Chalk & Talk	Direct
20	2	6	Characteristics of a sound tax system	1	20	Chalk & Talk	Direct
21	2	6	Impact	1	21	Chalk & Talk	Direct
22	2	6	Incidence	1	22	Chalk & Talk	Direct
23	2	6	Division of Tax burden Shifting of tax	1	23	Chalk & Talk	Direct
24	2	6	Economic Effects of tax on production	1	24	Chalk & Talk	Direct
25	2	6	distribution Effects	1	25	Chalk & Talk	Direct
26	2	6	Progressive and Regressive, Proportional	1	26	Chalk & Talk	Direct

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			Tax				
27	2	6	Direct and Indirect Taxes	1	27	Chalk & Talk	Direct
28	2	6	Merits and Demerits	1	28	Chalk & Talk	Direct
29	2	6	Taxable Capacity	1	29	Chalk & Talk	Direct
30	2	6	Meaning and determinants.	1	30	Chalk & Talk	Direct
31	2	6	Public Expenditure	1	31	Chalk & Talk	Direct
32	2	6	Wagner's law of increasing state activities	1	32	Chalk & Talk	Direct
33	2	6	Peacock-Wiseman hypothesis,	1	33	Chalk & Talk	Direct
34	3	6	Public Debt	1	34	Chalk & Talk	Direct
35	3	6	Types & Effects	1	35	Chalk & Talk	Direct
36	3	6	Sources of Public Borrowing	1	36	Chalk & Talk	Direct
37	3	6	Burden of Public Debt	1	37	Chalk & Talk	Direct
38	3	6	Classical views	1	38	Chalk & Talk	Direct
39	3	6	Ricardian views	1	39	Chalk & Talk	Direct
40	3	6	Keynesian and post-Keynesian views	1	40	Chalk & Talk	Direct
41	3	6	Intergenerational equity of public debt	1	41	Chalk & Talk	Direct
42	3	6	Causes of the Rise in Public Debt	1	42	Chalk & Talk	Direct
43	3	6	Methods of debt redemption	1	43	Chalk & Talk	Direct
44	3	6	Debt management	1	44	Chalk & Talk	Direct
45	3	6	burden of public debt	1	45	Chalk & Talk	Direct
46	4	6	Budget	1	46	Chalk & Talk	Direct
47	4	6	process & Types of budget	1	47	Chalk & Talk	Direct
48	4	6	Economic budget	1	48	Chalk & Talk	Direct
49	4	6	Functional classification of the budget	1	49	Chalk & Talk	Direct
50	4	6	Balanced and unbalanced budget	1	50	Chalk & Talk	Direct
51	4	6	Types of Budget Deficits	1	51	Chalk & Talk	Direct
52	4	6	Fiscal Policy	1	52	Chalk & Talk	Direct
53	4	6	Meaning, objectives	1	53	Chalk & Talk	Direct
54	4	6	Tools	1	54	Chalk & Talk	Direct
55	4	6	Fiscal deficit	1	55	Chalk & Talk	Direct
56	4	6	Computation	1	56	Chalk & Talk	Direct
57	4	6	Deficit Financing	1	57	Chalk & Talk	Direct
58	4	6	Meaning	1	58	Chalk & Talk	Direct
59	4	6	Advantages	1	59	Chalk & Talk	Direct
60	4	6	Disadvantages	1	60	Chalk & Talk	Direct

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Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: III BA (EG)

Programme Code: 41

Semester: V

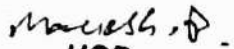
Course Title: Development Economics

Course Code: FHE412

No. of Hours Assigned: 60

Faculty Name: Rathnamma N

Sl. No.	Module	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	6	Introduction to Economic Development	1	1	Chalk and Talk	Direct
2	1	6	Definitions	1	2	Chalk and Talk	Direct
3	1	6	Distinction between Economic Growth and Development	1	3	Chalk and Talk	Direct
4	1	6	Indicators of Growth and Development	1	4	Chalk and Talk	Direct
5	1	6	Measures of Economic Development	1	5	Chalk and Talk	Direct
6	1	6	Gross National Product (GNP)	1	6	Chalk and Talk	Direct
7	1	6	Physical Quality of Life Index (PQLI),	1	7	Chalk and Talk	Direct
8	1	6	Human Development Index (HDI)	1	8	Chalk and Talk	Direct
9	1	6	Happiness Index	1	9	Chalk & Talk	Direct
10	1	6	Inequality and Poverty	1	10	Chalk & Talk	Direct
11	1	6	Meaning, causes	1	11	Chalk & Talk	Direct
12	1	6	Indicators	1	12	Chalk & Talk	Direct
13	1	6	Gini Coefficient Index	1	13	Chalk & Talk	Direct
14	1	6	Human Poverty Index (HPI)	1	14	Chalk & Talk	Direct
15	2	6	General Theories of Economic Growth and Development	2	15,16	Chalk & Talk	Direct
16	2	6	Adam Smith's Theory	2	17,18	Chalk & Talk	Direct
17	2	6	David Ricardo's Theory	2	19,20	Chalk & Talk	Direct
18	2	6	T.R. Malthus' Theory	2	21,22	Chalk & Talk	Direct
19	2	6	Karl Marx's Theory	2	23,24	Chalk & Talk	Direct
20	2	6	Schumpeter's Theory	2	25,26	Chalk & Talk	Direct
21	2	6	Rostow's Growth Theory	2	27,28	Chalk & Talk	Direct
22	2	6	Harrod-Domar Model	2	29,30	Chalk & Talk	Direct
23	3	6	Partial Theories of Economic Development	2	31,32	Chalk & Talk	Direct
24	3	6	Lewis Labour Surplus Model	2	33,34	Chalk & Talk	Direct
25	3	6	Rodan's Big Push Theory	2	35,36	Chalk & Talk	Direct
26	3	6	Liebenstein's Critical Minimum Effort Approach	2	37,38	Chalk & Talk	Direct
27	3	6	Balanced Growth	1	39	Chalk & Talk	Direct
28	3	6	Unbalanced Growth	1	40	Chalk & Talk	Direct
29	3	6	Factors in the Development Process	2	41,42	Chalk & Talk	Direct
30	3	6	Capital Accumulation	1	43	Chalk & Talk	Direct


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31	3	6	Capital-OutputRatio	1	44	Chalk& Talk	Direct
32	3	6	Technology	1	45	Chalk& Talk	Direct
33	3	6	Technologyand EconomicDevelopment	1	46	Chalk& Talk	Direct
34	4	6	Sustainable Development	2	47,48	Chalk& Talk	Direct
35	4	6	Inclusive Development	2	49,50	Chalk& Talk	Direct
36	4	6	Millennium DevelopmentGoals	2	51,52	Chalk& Talk	Direct
37	4	6	Sustainable DevelopmentGoals	2	53,54	Chalk& Talk	Direct
38	4	6	Targets andAchievements	2	55,56	Chalk& Talk	Direct
39	4	6	withreferencetoIndia	2	57,58	Chalk& Talk	Direct
40	4	6	SDGsandthechallenges	2	59,60	Chalk& Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: III BA (EG)

Programme Code: 41

Semester: V

Course Title: Indian Banking and Finance

Course Code: FHE414

No. of Hours Assigned: 60

Faculty Name: Dr. Shanmuga S

Sl. No.	Module	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	6	Indian Banking and Finance	1	1	Chalk and Talk	Direct
2	1	6	Indian Banks: Evolution Structure, functions	1	2	Chalk and Talk	Direct
3	1	6	Types and features. Publicsector, Privatesector& Foreign	1	3	Chalk and Talk	Direct
4	1	6	Cooperative	1	4	Chalk and Talk	Direct
5	1	6	RRB	1	5	Chalk and Talk	Direct
6	1	6	Smallfinance banks	1	6	Chalk and Talk	Direct
7	1	6	paymentbanks	1	7	Chalk and Talk	Direct
8	1	6	RoleandimportanceofbanksintheIndianeco nomy	1	8	Chalk and Talk	Direct
9	1	6	Creditcreation and financial intermediation	1	9	Chalk& Talk	Direct
10	1	6	Central Bank and banking regulation	1	10	Chalk& Talk	Direct
11	1	6	creditcontrol, Policyratesandbanking	1	11	Chalk& Talk	Direct
12	1	6	repo,reverserepo,MCLR,Bankrate,CRR,SLR, MSF	1	12	Chalk& Talk	Direct
13	1	6	Issuesinbankingsector	1	13	Chalk& Talk	Direct
14	1	6	NPAcrisis	1	14	Chalk& Talk	Direct
15	1	6	Impactof globaleventsonIndian banks	1	15	Chalk& Talk	Direct
16	2	6	Bankingservices, Bankdeposits	1	16	Chalk& Talk	Direct
17	2	6	Typesandfeaturesofbankaccounts	1	17	Chalk& Talk	Direct

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18	2	6	Account opening and importance of KYC	1	18	Chalk & Talk	Direct
19	2	6	Bank loans; types, features, documents required; eligibility, interest rates, maturity	1	19	Chalk & Talk	Direct
20	2	6	loan default and consequences	1	20	Chalk & Talk	Direct
21	2	6	Other services: Locker facility, payment and remittance services and channels	1	21	Chalk & Talk	Direct
22	2	6	currency exchange	1	22	Chalk & Talk	Direct
23	2	6	debit cards, credit cards, pre-paid cards; ATMs	1	23	Chalk & Talk	Direct
24	2	6	Internet and mobile banking	1	24	Chalk & Talk	Direct
25	2	6	Modern banking products	1	25	Chalk & Talk	Direct
26	2	6	Insurance on deposits and loans	1	26	Chalk & Talk	Direct
27	2	6	Investment services in capital market	1	27	Chalk & Talk	Direct
28	2	6	Stocks, bonds	1	28	Chalk & Talk	Direct
29	2	6	Mutual funds	1	29	Chalk & Talk	Direct
30	2	6	Advisory services, retirement products	1	30	Chalk & Talk	Direct
31	3	6	Digital banking	1	31	Chalk & Talk	Direct
32	3	6	Digital Wallets	1	32	Chalk & Talk	Direct
33	3	6	Digital account opening	1	33	Chalk & Talk	Direct
34	3	6	Biometrics,	1	34	Chalk & Talk	Direct
35	3	6	Contactless payments system	1	35	Chalk & Talk	Direct
36	3	6	Instant payments	1	36	Chalk & Talk	Direct
37	3	6	personal finance management tools	1	37	Chalk & Talk	Direct
38	3	6	Use of artificial intelligence	1	38	Chalk & Talk	Direct
39	3	6	Machine learning in banks	1	39	Chalk & Talk	Direct
40	3	6	Cyber security in banking	1	40	Chalk & Talk	Direct
41	3	6	Credit scoring	1	41	Chalk & Talk	Direct
42	3	6	Direct Lending	1	42	Chalk & Talk	Direct
43	3	6	Corporate banking	1	43	Chalk & Talk	Direct
44	3	6	Investment Banking	1	44	Chalk & Talk	Direct
45	3	6	Usage and satisfaction levels with digital banking services	1	45	Chalk & Talk	Direct
46	4	6	Financial Market	1	46	Chalk & Talk	Direct
47	4	6	Introduction to Indian financial markets	1	47	Chalk & Talk	Direct
48	4	6	Equity markets	1	48	Chalk & Talk	Direct
49	4	6	Stock exchanges	1	49	Chalk & Talk	Direct
50	4	6	Debt markets	1	50	Chalk & Talk	Direct
51	4	6	Bond markets	1	51	Chalk & Talk	Direct
52	4	6	Currency markets	1	52	Chalk & Talk	Direct
53	4	6	Forex trading	1	53	Chalk & Talk	Direct
54	4	6	Commodity markets trading	1	54	Chalk & Talk	Direct
55	4	6	Derivatives markets	1	55	Chalk & Talk	Direct

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56	4	6	Mutual funds	1	56	Chalk & Talk	Direct
57	4	6	Insurance products	1	57	Chalk & Talk	Direct
58	4	6	Investing in capital market products	1	58	Chalk & Talk	Direct
59	4	6	Access, channels, risk in capital market investments	1	59	Chalk & Talk	Direct
60	4	6	Role of SEBI, Fin-tech and innovation in capital markets	1	60	Chalk & Talk	Direct

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Lesson Plan/Session Plan 2023-24.
Department of Economics

Programme: I BA

Course Title: Basic Economics II

Faculty Name: Rathnamma N

Programme Code: 31

Course Code: FHB410

Semester: II

No. of Hours Assigned: 3

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Macro Economy	1	1	Chalk & Talk	Direct
2	1	3	Introduction to National Income Accounting	1	2	Chalk & Talk	Direct
3	1	3	Concepts of GDP, GNP and National Income	1	3	Chalk & Talk	Direct
4	1	3	Approaches to calculating GDP, Personal Income, Nominal and Real GDP	1	4	Chalk & Talk	Direct
5	1	3	Limitations of the GDP Concept	1	5	Chalk & Talk	Direct
6	1	3	Characteristics of Money	1	6	Chalk & Talk	Direct
7	1	3	The Demand for Money	1	7	Chalk & Talk	Direct
8	1	3	The Supply Of Money and Overall Liquidity Position	1	8	Chalk & Talk	Direct
9	1	3	Credit Creation	1	9	Chalk & Talk	Direct
10	1	3	Meaning and Causes of Inflation	1	10	Chalk & Talk	Direct
11	1	3	Calculating Inflation Rate	1	11	Chalk & Talk	Direct
12	1	3	Impact of Inflation	1	12	Chalk & Talk	Direct
13	2	3	Unemployment	1	13	Chalk & Talk	Direct
14	2	3	Business Cycles	1	14	Chalk & Talk	Direct
15	2	3	Economic Growth	1	15	Chalk & Talk	Direct
16	2	3	Monetary Policy	1	16	Chalk & Talk	Direct
17	2	3	Objectives	1	17	Chalk & Talk	Direct
18	2	3	Instruments	1	18	Chalk & Talk	Direct
19	2	3	Fiscal Policy	1	19	Chalk & Talk	Direct
20	2	3	Public Finance vs. Private Finance	1	20	Chalk & Talk	Direct
21	2	3	Distribution and Sstabilization	1	21	Chalk & Talk	Direct
22	2	3	Characteristics of Public Goods,	1	22	Chalk & Talk	Direct
23	2	3	Rationale in the Provision of Public Goods	1	23	Chalk & Talk	Direct
24	2	3	Reviewing the Monetary Policy of RBI	1	24	Chalk & Talk	Direct

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25	3	3	Public Policy and Globalization	1	25	Chalk & Talk	Direct
26	3	3	Poverty and Public Policy	1	26	Chalk & Talk	Direct
27	3	3	Meaning, Types	1	27	Chalk & Talk	Direct
28	3	3	Measurement of Poverty	1	28	Chalk & Talk	Direct
29	3	3	Poverty Alleviation Strategies in India	1	29	Chalk & Talk	Direct
30	3	3	International Trade	1	30	Chalk & Talk	Direct
31	3	3	Absolute Advantage	1	31	Chalk & Talk	Direct
32	3	3	Comparative Advantage	1	32	Chalk & Talk	Direct
33	3	3	Terms of Trade	1	33	Chalk & Talk	Direct
34	3	3	Meaning and Types	1	34	Chalk & Talk	Direct
35	3	3	Exchange Rates	1	35	Chalk & Talk	Direct
36	3	3	Types And Determinants	1	36	Chalk & Talk	Direct
37	3	3	Trade Barriers	1	37	Chalk & Talk	Direct
38	3	3	Tariffs, Subsidies and Quotas	1	38	Chalk & Talk	Direct
39	3	3	Balance of Payments	1	39	Chalk & Talk	Direct
40	3	3	The Current and Capital Account	1	40	Chalk & Talk	Direct
41	3	3	Globalization	1	41	Chalk & Talk	Direct
42	3	3	Pros and cons of Globalization	1	42	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: I BA

Programme Code: 31

Semester: II

Course Title: Karnataka Economy

Course Code: FHB420

No. of Hours Assigned: 3

Faculty Name: Mahesha P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	State Income	1	1	Chalk & Talk	Direct
2	1	3	State Domestic Product and PCI	1	2	Chalk & Talk	Direct
3	1	3	Measure of Income Inequality	1	3	Chalk & Talk	Direct
4	1	3	Human and Natural Resources	1	4	Chalk & Talk	Direct
5	1	3	Population	1	5	Chalk & Talk	Direct
6	1	3	Human Development Index	1	6	Chalk & Talk	Direct
7	1	3	Anti-Poverty and Employment Generation Programmes	1	7	Chalk & Talk	Direct
8	1	3	Functioning of Panchayat Raj Institutions	1	8	Chalk & Talk	Direct
9	1	3	Natural Resources in Karnataka	1	9	Chalk & Talk	Direct
10	1	3	Land, Water, Forest and Mineral Resources in Karnataka	1	10	Chalk & Talk	Direct
11	1	3	Sustainable Development Goals in Karnataka	1	11	Chalk & Talk	Direct
12	1	3	Karnataka Environmental Policy	1	12	Chalk & Talk	Direct
13	2	3	Agriculture in Karnataka	1	13	Chalk & Talk	Direct
14	2	3	Importance of Agriculture	1	14	Chalk & Talk	Direct
15	2	3	Problems in Agriculture	1	15	Chalk & Talk	Direct
16	2	3	Land Reforms	1	16	Chalk & Talk	Direct
17	2	3	Cropping Pattern	1	17	Chalk & Talk	Direct
18	2	3	Irrigation	1	18	Chalk & Talk	Direct

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19	2	3	Watershed Development Programme	1	19	Chalk & Talk	Direct
20	2	3	Dry Land Farming	1	20	Chalk & Talk	Direct
21	2	3	Farmers Suicide – Causes And Solutions	1	21	Chalk & Talk	Direct
22	2	3	Regional Imbalance: Prof. D. M. Nanjundappa report	1	22	Chalk & Talk	Direct
23	2	3	Public Distribution System	1	23	Chalk & Talk	Direct
24	2	3	Rural Development Programmes	1	24	Chalk & Talk	Direct
25	2	3	Industrial Development in Karnataka	1	25	Chalk & Talk	Direct
26	2	3	Major Industries in Karnataka - Problems and Prospects	1	26	Chalk & Talk	Direct
27	2	3	MSMEs - Problems and Measures	1	27	Chalk & Talk	Direct
28	2	3	IT Industries in Karnataka	1	28	Chalk & Talk	Direct
29	2	3	Industrial Finance in Karnataka	1	29	Chalk & Talk	Direct
30	2	3	Industrial Policy of Karnataka	1	30	Chalk & Talk	Direct
31	3	3	Economic Infrastructure in Karnataka	1	31	Chalk & Talk	Direct
32	3	3	Transportation: Road, Rail, Water and Air Transport	1	32	Chalk & Talk	Direct
33	3	3	Information and Communication Technology Facilities	1	33	Chalk & Talk	Direct
34	3	3	Drinking Water, Sanitation	1	34	Chalk & Talk	Direct
35	3	3	Housing	1	35	Chalk & Talk	Direct
36	3	3	Health and Education	1	36	Chalk & Talk	Direct
37	3	3	Rural Electrification	1	37	Chalk & Talk	Direct
38	3	3	State Finance	1	38	Chalk & Talk	Direct
39	3	3	Sources of Revenue	1	39	Chalk & Talk	Direct
40	3	3	State Expenditure	1	40	Chalk & Talk	Direct
41	3	3	States Indebtedness	1	41	Chalk & Talk	Direct
42	3	3	State Finance Commission, Current State Budget	1	42	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: I BSc-(PC, PM, PE, MCs & PCs)

Programme Code:

Semester: II

Course Title: Economics of Business Environment-(OEC) Course Code: FHB800 No. of Hours Assigned: 1

Faculty Name: Mahesha P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Business Environment	1	1	Chalk & Talk	Direct
2	1	3	Strategies of Business Environment	1	2	Chalk & Talk	Direct
3	1	3	Micro & Macro Environment	1	3	Chalk & Talk	Direct
4	1	3	Economic Environment	1	4	Chalk & Talk	Direct
5	1	3	Impact of I.P.G on Indian Business Environment	1	5	Chalk & Talk	Direct
6	1	3	Monetary policy	1	6	Chalk & Talk	Direct
7	1	3	Fiscal policy	1	7	Chalk & Talk	Direct
8	1	3	EXIM policy	1	8	Chalk & Talk	Direct
9	1	3	Industrial policy	1	9	Chalk & Talk	Direct
10	1	3	Global Business Environment	1	10	Chalk & Talk	Direct
11	1	3	Nature and Impact of Globalization	1	11	Chalk & Talk	Direct

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Ooty Road, Mysore-575 005

12	1	3	WTO and its Implications on Indian Economy	1	12	Chalk & Talk	Direct
13	2	3	Social and Cultural Environment	1	13	Chalk & Talk	Direct
14	2	3	Social Objectives of Business	1	14	Chalk & Talk	Direct
15	2	3	Corporate Social Responsibility	1	15	Chalk & Talk	Direct
16	2	3	Consumer Rights & Corporate Governance	1	16	Chalk & Talk	Direct
17	2	3	Business Ethics	1	17	Chalk & Talk	Direct
18	2	3	Technological Environment	1	18	Chalk & Talk	Direct
19	2	3	Public and Private Investment in R&D.	1	19	Chalk & Talk	Direct
20	2	3	Financial Environment	1	20	Chalk & Talk	Direct
21	2	3	An Overview of Indian Financial System	1	21	Chalk & Talk	Direct
22	2	3	Financial Institutions and their Roles	1	22	Chalk & Talk	Direct
23	2	3	Role of Foreign Direct Investment and its impact on Indian Business	1	23	Chalk & Talk	Direct
24	2	3	Political Environment	1	24	Chalk & Talk	Direct
25	2	3	Provisions of Indian Constitution for Business	1	25	Chalk & Talk	Direct
26	2	3	Indian Company Law	1	26	Chalk & Talk	Direct
27	2	3	Competition policy and law	1	27	Chalk & Talk	Direct
28	2	3	Patents & Trademarks	1	28	Chalk & Talk	Direct
29	2	3	Industrial Policy- an overview	1	29	Chalk & Talk	Direct
30	2	3	Labour Laws & Social Security.	1	30	Chalk & Talk	Direct
31	2	3	Environmental Laws	1	31	Chalk & Talk	Direct
32	2	3	Current Issues in Environmental Business	1	32	Chalk & Talk	Direct
33	2	3	Ease of Doing Business	1	33	Chalk & Talk	Direct
34	2	3	Performance of MSMEs	1	34	Chalk & Talk	Direct
35	2	3	Make in India	1	35	Chalk & Talk	Direct
36	2	3	Development of Economic Infrastructure	1	36	Chalk & Talk	Direct
37	2	3	Development of Social Infrastructure	1	37	Chalk & Talk	Direct
38	2	3	National Monetization Pipeline	1	38	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.
Department of Economics

Programme: I BCA-C

Programme Code:

Semester: II

Course Title: Economics of Business Environment-(OEC) Course Code: FHB800 No. of Hours Assigned: 1

Faculty Name: Dr. Shanmuga S

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Business Environment	1	1	Chalk & Talk	Direct
2	1	3	Strategies of Business Environment	1	2	Chalk & Talk	Direct
3	1	3	Micro & Macro Environment	1	3	Chalk & Talk	Direct
4	1	3	Economic Environment	1	4	Chalk & Talk	Direct
5	1	3	Impact of LPG on Indian Business Environment	1	5	Chalk & Talk	Direct
6	1	3	Monetary policy	1	6	Chalk & Talk	Direct
7	1	3	Fiscal policy	1	7	Chalk & Talk	Direct

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8	1	3	EXIM policy	1	8	Chalk & Talk	Direct
9	1	3	Industrial policy	1	9	Chalk & Talk	Direct
10	1	3	Global Business Environment	1	10	Chalk & Talk	Direct
11	1	3	Nature and Impact of Globalization	1	11	Chalk & Talk	Direct
12	1	3	WTO and its Implications on Indian Economy	1	12	Chalk & Talk	Direct
13	2	3	Social and Cultural Environment	1	13	Chalk & Talk	Direct
14	2	3	Social Objectives of Business	1	14	Chalk & Talk	Direct
15	2	3	Corporate Social Responsibility	1	15	Chalk & Talk	Direct
16	2	3	Consumer Rights & Corporate Governance	1	16	Chalk & Talk	Direct
17	2	3	Business Ethics	1	17	Chalk & Talk	Direct
18	2	3	Technological Environment	1	18	Chalk & Talk	Direct
19	2	3	Public and Private Investment in R and D.	1	19	Chalk & Talk	Direct
20	2	3	Financial Environment	1	20	Chalk & Talk	Direct
21	2	3	An Overview of Indian Financial System	1	21	Chalk & Talk	Direct
22	2	3	Financial Institutions and their Roles	1	22	Chalk & Talk	Direct
23	2	3	Role of Foreign Direct Investment and its impact on Indian Business	1	23	Chalk & Talk	Direct
24	2	3	Political Environment	1	24	Chalk & Talk	Direct
25	2	3	Provisions of Indian Constitution for Business	1	25	Chalk & Talk	Direct
26	2	3	Indian Company Law	1	26	Chalk & Talk	Direct
27	2	3	Competition policy and law	1	27	Chalk & Talk	Direct
28	2	3	Patents & Trademarks	1	28	Chalk & Talk	Direct
29	2	3	Industrial Policy- an overview	1	29	Chalk & Talk	Direct
30	2	3	Labour Laws & Social Security,	1	30	Chalk & Talk	Direct
31	2	3	Environmental Laws	1	31	Chalk & Talk	Direct
32	2	3	Current Issues in Environmental Business	1	32	Chalk & Talk	Direct
33	2	3	Ease of Doing Business	1	33	Chalk & Talk	Direct
34	2	3	Performance of MSMEs	1	34	Chalk & Talk	Direct
35	2	3	Make in India	1	35	Chalk & Talk	Direct
36	2	3	Development of Economic Infrastructure	1	36	Chalk & Talk	Direct
37	2	3	Development of Social Infrastructure	1	37	Chalk & Talk	Direct
38	2	3	National Monetization Pipeline	1	38	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: I B Com-(C)

Programme Code:

Semester: II

Course Title: Economics of Business Environment-(OEC) Course Code: FHB800 No. of Hours Assigned: 1

Faculty Name: Rathnamma N

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Business Environment	1	1	Chalk & Talk	Direct
2	1	3	Strategies of Business Environment	1	2	Chalk & Talk	Direct
3	1	3	Micro & Macro Environment	1	3	Chalk & Talk	Direct

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4	1	3	Economic Environment	1	4	Chalk & Talk	Direct
5	1	3	Impact of LPG on Indian Business Environment	1	5	Chalk & Talk	Direct
6	1	3	Monetary policy	1	6	Chalk & Talk	Direct
7	1	3	Fiscal policy	1	7	Chalk & Talk	Direct
8	1	3	EXIM policy	1	8	Chalk & Talk	Direct
9	1	3	Industrial policy	1	9	Chalk & Talk	Direct
10	1	3	Global Business Environment	1	10	Chalk & Talk	Direct
11	1	3	Nature and Impact of Globalization	1	11	Chalk & Talk	Direct
12	1	3	WTO and its Implications on Indian Economy	1	12	Chalk & Talk	Direct
13	2	3	Social and Cultural Environment	1	13	Chalk & Talk	Direct
14	2	3	Social Objectives of Business	1	14	Chalk & Talk	Direct
15	2	3	Corporate Social Responsibility	1	15	Chalk & Talk	Direct
16	2	3	Consumer Rights & Corporate Governance	1	16	Chalk & Talk	Direct
17	2	3	Business Ethics	1	17	Chalk & Talk	Direct
18	2	3	Technological Environment	1	18	Chalk & Talk	Direct
19	2	3	Public and Private Investment in R&D.	1	19	Chalk & Talk	Direct
20	2	3	Financial Environment	1	20	Chalk & Talk	Direct
21	2	3	An Overview of Indian Financial System	1	21	Chalk & Talk	Direct
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24	2	3	Political Environment	1	24	Chalk & Talk	Direct
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31	2	3	Environmental Laws	1	31	Chalk & Talk	Direct
32	2	3	Current Issues in Environmental Business	1	32	Chalk & Talk	Direct
33	2	3	Ease of Doing Business	1	33	Chalk & Talk	Direct
34	2	3	Performance of MSMEs	1	34	Chalk & Talk	Direct
35	2	3	Make in India	1	35	Chalk & Talk	Direct
36	2	3	Development of Economic Infrastructure	1	36	Chalk & Talk	Direct
37	2	3	Development of Social Infrastructure	1	37	Chalk & Talk	Direct
38	2	3	National Monetization Pipeline	1	38	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: I BBA-B

Programme Code:

Semester: II

Course Title: Economics of Business Environment-(OEC) Course Code: FHB800

No. of Hours Assigned: 1

Faculty Name:

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
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M. S. S. P.
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1	1	3	Introduction to Business Environment	1	1	Chalk& Talk	Direct
2	1	3	StrategiesofBusinessEnvironment	1	2	Chalk & Talk	Direct
3	1	3	Micro& Macro Environment	1	3	Chalk & Talk	Direct
4	1	3	Economic Environment	1	4	Chalk & Talk	Direct
5	1	3	Impact ofLPGonIndianBusiness Environment	1	5	Chalk & Talk	Direct
6	1	3	Monetarypolicy	1	6	Chalk & Talk	Direct
7	1	3	Fiscalpolicy	1	7	Chalk & Talk	Direct
8	1	3	EXIMpolicy	1	8	Chalk & Talk	Direct
9	1	3	Industrial policy	1	9	Chalk & Talk	Direct
10	1	3	Global Business Environment	1	10	Chalk & Talk	Direct
11	1	3	Nature and Impact of Globalization	1	11	Chalk & Talk	Direct
12	1	3	WTOanditsImplicationsonIndianEconomy	1	12	Chalk & Talk	Direct
13	2	3	Social and Cultural Environment	1	13	Chalk & Talk	Direct
14	2	3	Social ObjectivesofBusiness	1	14	Chalk & Talk	Direct
15	2	3	Corporate SocialResponsibility	1	15	Chalk & Talk	Direct
16	2	3	ConsumerRights&CorporateGovernance	1	16	Chalk & Talk	Direct
17	2	3	BusinessEthics	1	17	Chalk & Talk	Direct
18	2	3	Technological Environment	1	18	Chalk & Talk	Direct
19	2	3	PublicandPrivateInvestmentinRandD.	1	19	Chalk & Talk	Direct
20	2	3	Financial Environment	1	20	Chalk & Talk	Direct
21	2	3	AnOverviewofIndianFinancialSystem	1	21	Chalk & Talk	Direct
22	2	3	FinancialInstitutionsandtheirRoles	1	22	Chalk & Talk	Direct
23	2	3	RoleofForeignDirectInvestmentanditsimpactonl ndianBusiness	1	23	Chalk & Talk	Direct
24	2	3	Political Environment	1	24	Chalk & Talk	Direct
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26	2	3	IndianCompanyLaw	1	26	Chalk & Talk	Direct
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28	2	3	Patents &Trademarks	1	28	Chalk & Talk	Direct
29	2	3	Industrial Policy- an overview	1	29	Chalk & Talk	Direct
30	2	3	Labour Laws & Social Security,	1	30	Chalk & Talk	Direct
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33	2	3	Easeof DoingBusiness	1	33	Chalk & Talk	Direct
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35	2	3	Make in India	1	35	Chalk & Talk	Direct
36	2	3	Development of Economic Infrastructure	1	36	Chalk & Talk	Direct
37	2	3	Development of Social Infrastructure	1	37	Chalk & Talk	Direct
38	2	3	National Monetization Pipeline	1	38	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: II BA

Programme Code: 31

Semester: IV

Course Title: Macro Economics

Course Code: FHD410

No. of Hours Assigned: 3

Faculty Name: Rathnamma N

Mavesh P.

HOD

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Ooty Road, Mysore

Sl. No.	Unit	Credit Hours	Topic of the Unit	No of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Theory of National Income Determination: Classical Framework	1	1	Chalk & Talk	Direct
2	1	3	Typical Features of classical theory of employment	1	2	Chalk & Talk	Direct
3	1	3	Say's Law	1	3	Chalk & Talk	Direct
4	1	3	Pigou's wage price flexibility	1	4	Chalk & Talk	Direct
5	1	3	Fisher's Quantity theory of money	1	5	Chalk & Talk	Direct
6	1	3	Knut Wicksell's loanable funds theory	1	6	Chalk & Talk	Direct
7	1	3	Classical dichotomy and neutrality of money	1	7	Chalk & Talk	Direct
8	1	3	Introductory: connecting growth of national income to development; why incomes of all fall or rise? Are income, output, and employment related?	1	8	Chalk & Talk	Direct
9	1	3	Some Basic concepts: The idea of equilibrium and identity; ex- ante and ex-post concepts.	1	9	Chalk & Talk	Direct
10	1	3	Consumption function: Algebraic and Graphical explanation; Marginal and Average propensity to consume	1	10	Chalk & Talk	Direct
11	1	3	Investment function; savings and investment relationship.	1	11	Chalk & Talk	Direct
12	1	3	Aggregate Supply: Meaning and graphical explanation; Effective demand	1	12	Chalk & Talk	Direct
13	2	3	Determination of national income in Keynes' two sector economy with Aggregate Demand and Aggregate Supply with fixed prices: Analytical / Graphical and algebraic explanation; numerical problems	1	13	Chalk & Talk	Direct
14	2	3	Determination of national income in Keynes' two sector economy with investment and savings with fixed prices: Analytical / Graphical and algebraic explanation; numerical problems	1	14	Chalk & Talk	Direct
15	2	3	Aggregate Consumption and Investment	1	15	Chalk & Talk	Direct
16	2	3	Theories of Determinants of Consumption	1	16	Chalk & Talk	Direct
17	2	3	Keynesian Psychological Law of consumption; determinants	1	17	Chalk & Talk	Direct
18	2	3	Permanent Income hypothesis of Milton Friedman	1	18	Chalk & Talk	Direct
19	2	3	Investment	1	19	Chalk & Talk	Direct
20	2	3	Types of investment	1	20	Chalk & Talk	Direct
21	2	3	Determinants of investment	1	21	Chalk & Talk	Direct
22	2	3	Rate of interest	1	22	Chalk & Talk	Direct
23	2	3	marginal efficiency of capital: meaning and determinants	1	23	Chalk & Talk	Direct
24	2	3	Concepts of Multiplier and Accelerator	1	24	Chalk & Talk	Direct
25	2	3	Investment Multiplier	1	25	Chalk & Talk	Direct
26	2	3	Meaning and assumptions	1	26	Chalk & Talk	Direct
27	2	3	multiplier	1	27	Chalk & Talk	Direct
28	2	3	leakages	1	28	Chalk & Talk	Direct

Abhishek P.
HOD

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29	2	3	Money Supply	1	29	Chalk & Talk	Direct
30	2	3	recent measures of money supply as suggested by RBI	1	30	Chalk & Talk	Direct
31	3	3	Determinants of money supply, High powered money	1	31	Chalk & Talk	Direct
32	3	3	Money multiplier	1	32	Chalk & Talk	Direct
33	3	3	The reserve ratio and deposit multiplier	1	33	Chalk & Talk	Direct
34	3	3	Money demand	1	34	Chalk & Talk	Direct
35	3	3	Cash transactions approach (only meaning)	1	35	Chalk & Talk	Direct
36	3	3	Cambridge approach (Only Marshall's equation)	1	36	Chalk & Talk	Direct
37	3	3	The liquidity preference approach of Keynes	1	37	Chalk & Talk	Direct
38	3	3	Inflation	1	38	Chalk & Talk	Direct
39	3	3	Unemployment	1	39	Chalk & Talk	Direct
40	3	3	Phillips Curve	1	40	Chalk & Talk	Direct
41	3	3	Wage cut theory and employment	1	41	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: II BA

Programme Code: 31

Semester: IV

Course Title: Statistics for Economics

Course Code: FHD420

No. of Hours Assigned: 3

Faculty Name: Mahesha P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Statistics	1	1	Chalk & Talk	Direct
2	1	3	Functions of Statistics	1	2	Chalk & Talk	Direct
3	1	3	Types of Statistics	1	3	Chalk & Talk	Direct
4	1	3	Variables	1	4	Chalk & Talk	Direct
5	1	3	Data types	1	5	Chalk & Talk	Direct
6	1	3	Sources and Collection of Data	1	6	Chalk & Talk	Direct
7	1	3	Time Series Data and Panel Data	1	7	Chalk & Talk	Direct
8	1	3	Primary and Secondary sources of Data	1	8	Chalk & Talk	Direct
9	1	3	Tabulation and Presentation of Data	1	9	Chalk & Talk	Direct
10	1	3	Frequency distributions	1	10	Chalk & Talk	Direct
11	1	3	Histogram, frequency polygon, Ogive Curves	1	11	Chalk & Talk	Direct
12	1	3	Bar Diagram, Pie Chart	1	12	Chalk & Talk	Direct
13	2	3	Central Tendency	1	13	Chalk & Talk	Direct
14	2	3	Types of Central Tendency	1	14	Chalk & Talk	Direct
15	2	3	Arithmetic Mean	1	15	Chalk & Talk	Direct
16	2	3	Properties of Arithmetic Mean	1	16	Chalk & Talk	Direct
17	2	3	Computation of Arithmetic Mean	1	17	Chalk & Talk	Direct
18	2	3	Median	1	18	Chalk & Talk	Direct
19	2	3	Calculation of Median	1	19	Chalk & Talk	Direct
20	2	3	Mode	1	20	Chalk & Talk	Direct
21	2	3	Calculation of Mode	1	21	Chalk & Talk	Direct
22	2	3	Dispersion	1	22	Chalk & Talk	Direct

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Ooty Rd.

23	2	3	Range-Quartile deviation	1	23	Chalk & Talk	Direct
24	2	3	meandeviation	1	24	Chalk & Talk	Direct
25	2	3	Standarddeviation	1	25	Chalk & Talk	Direct
26	2	3	CoefficientofVariationandTheirComputation	1	26	Chalk & Talk	Direct
27	2	3	Correlation	1	27	Chalk & Talk	Direct
28	2	3	Typesofcorrelation	1	28	Chalk & Talk	Direct
29	3	3	Methodsofmeasuring Correlation	1	29	Chalk & Talk	Direct
30	3	3	Karl Pearson's correlation coefficients	1	30	Chalk & Talk	Direct
31	3	3	MeaningandImportanceofRegression	1	31	Chalk & Talk	Direct
32	3	3	RegressionEquation	1	32	Chalk & Talk	Direct
33	3	3	Estimation of regression equation	3	33	Chalk & Talk	Direct
34	3	3	Applications of regression equation in Economics	2	34	Chalk & Talk	Direct
35	3	3	Definition of Time Series	1	35	Chalk & Talk	Direct
36	3	3	Components of Time Series	2	36	Chalk & Talk	Direct
37	3	3	Estimation and Forecasting of Trend	2	37	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: II BSc(PC, PM, PE, MCs & PCs)

Programme Code:

Semester: IV

Course Title: Rural Economics

Course Code: FHC800

No. of Hours Assigned: 3

Faculty Name: Dr. Shanmuga S

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Rural Economy	1	1	Chalk & Talk	Direct
2	1	3	Objectives of Rural economy	1	2	Chalk & Talk	Direct
3	1	3	Characteristics of Rural Economy	1	3	Chalk & Talk	Direct
4	1	3	Indicators of Rural Development	1	4	Chalk & Talk	Direct
5	1	3	Inclusiveandsustainable development	1	5	Chalk & Talk	Direct
6	1	3	Approaches to R D Gandhian Model	1	6	Chalk & Talk	Direct
7	1	3	CommunityDevelopmentApproach	1	7	Chalk & Talk	Direct
8	1	3	Minimum Needs Approach,	1	8	Chalk & Talk	Direct
9	1	3	IntegratedRuralDevelopmentandInclusiveGrowth Approach.	1	9	Chalk & Talk	Direct
10	1	3	MeaningandMeasurementofPoverty	1	10	Chalk & Talk	Direct
11	1	3	Causes of Poverty	1	11	Chalk & Talk	Direct
12	1	3	Farm and Non-farm employment	1	12	Chalk & Talk	Direct
13	1	3	MeasurementandTypesemployment	1	13	Chalk & Talk	Direct
14	2	3	ReviewofPovertyAlleviationandEmploymentGenerationProgrammesIn India.	1	14	Chalk & Talk	Direct
15	2	3	Rural Enterprises	1	15	Chalk & Talk	Direct
16	2	3	Importance & Classification of MSME	1	16	Chalk & Talk	Direct

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Ooty Road, Mysore-575 005

17	2	3	Progress and Problems of MSME	1	17	Chalk & Talk	Direct
18	2	3	Khadi and Village Industries	1	18	Chalk & Talk	Direct
19	2	3	Credit Co-Operative Societies	1	19	Chalk & Talk	Direct
20	2	3	RRB	1	20	Chalk & Talk	Direct
21	2	3	NABARD	1	21	Chalk & Talk	Direct
22	2	3	Microfinance Institutions	1	22	Chalk & Talk	Direct
23	2	3	Educational and Health Infrastructure	1	23	Chalk & Talk	Direct
24	2	3	Housing and Sanitation	1	24	Chalk & Talk	Direct
25	2	3	Drinking Water Supply	1	25	Chalk & Talk	Direct
26	2	3	Rural Transport and Communication Rural	1	26	Chalk & Talk	Direct
27	2	3	Electrification	1	27	Chalk & Talk	Direct
28	2	3	Wage Employment Programmes	1	28	Chalk & Talk	Direct
29	3	3	Self-employment and Entrepreneurship Development Programmes	1	29	Chalk & Talk	Direct
30	3	3	Rural Housing Programmes	1	30	Chalk & Talk	Direct
31	3	3	Rural Sanitation Programmes	1	31	Chalk & Talk	Direct
32	3	3	Types of Rural Markets	1	32	Chalk & Talk	Direct
33	3	3	Defects and Government Measures for Removal of Defects in rural markets	1	33	Chalk & Talk	Direct
34	3	3	Co-operative Marketing Societies	1	34	Chalk & Talk	Direct
35	3	3	Meaning and Importance of Regulated Markets	1	35	Chalk & Talk	Direct
36	3	3	Digital Marketing (e-NAM)	1	36	Chalk & Talk	Direct
37	3	3	Rural Governance	1	37	Chalk & Talk	Direct
38	3	3	Legislative powers, Functions	1	38	Chalk & Talk	Direct
39	3	3	Sources of revenue of Panchayat Raj Institutions	1	39	Chalk & Talk	Direct
40	3	3	Role of NGOs in rural development	1	40	Chalk & Talk	Direct
41	3	3	People's participation in rural development	1	41	Chalk & Talk	Direct
42	3	3	Gram Panchayat	1	42	Chalk & Talk	Direct

Lesson Plan/Session Plan 2023-24.
Department of Economics

Programme: II BCA-C

Course Title: Rural Economics

Faculty Name: Mahesha P

Programme Code:

Course Code: FHC800

Semester: IV

No. of Hours Assigned: 3

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to Rural Economy	1	1	Chalk & Talk	Direct
2	1	3	Objectives of Rural economy	1	2	Chalk & Talk	Direct
3	1	3	Characteristics of Rural Economy	1	3	Chalk & Talk	Direct
4	1	3	Indicators of Rural Development	1	4	Chalk & Talk	Direct
5	1	3	Inclusive and sustainable development	1	5	Chalk & Talk	Direct

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6	1	3	Approaches to R D Gandhian Model	1	6	Chalk & Talk	Direct
7	1	3	Community Development Approach	1	7	Chalk & Talk	Direct
8	1	3	Minimum Needs Approach,	1	8	Chalk & Talk	Direct
9	1	3	Integrated Rural Development and Inclusive Growth Approach.	1	9	Chalk & Talk	Direct
10	1	3	Meaning and Measurement of Poverty	1	10	Chalk & Talk	Direct
11	1	3	Causes of Poverty	1	11	Chalk & Talk	Direct
12	1	3	Farm and Non-farm employment	1	12	Chalk & Talk	Direct
13	1	3	Measurement and Types employment	1	13	Chalk & Talk	Direct
14	2	3	Review of Poverty Alleviation and Employment Generation Programmes in India.	1	14	Chalk & Talk	Direct
15	2	3	Rural Enterprises	1	15	Chalk & Talk	Direct
16	2	3	Importance & Classification of MSME	1	16	Chalk & Talk	Direct
17	2	3	Progress and Problems of MSME	1	17	Chalk & Talk	Direct
18	2	3	Khadi and Village Industries	1	18	Chalk & Talk	Direct
19	2	3	Credit Co-Operative Societies	1	19	Chalk & Talk	Direct
20	2	3	RRB	1	20	Chalk & Talk	Direct
21	2	3	NABARD	1	21	Chalk & Talk	Direct
22	2	3	Microfinance Institutions	1	22	Chalk & Talk	Direct
23	2	3	Educational and Health Infrastructure	1	23	Chalk & Talk	Direct
24	2	3	Housing and Sanitation	1	24	Chalk & Talk	Direct
25	2	3	Drinking Water Supply	1	25	Chalk & Talk	Direct
26	2	3	Rural Transport and Communication Rural	1	26	Chalk & Talk	Direct
27	2	3	Electrification	1	27	Chalk & Talk	Direct
28	2	3	Wage Employment Programmes	1	28	Chalk & Talk	Direct
29	3	3	Self-employment and Entrepreneurship Development Programmes	1	29	Chalk & Talk	Direct
30	3	3	Rural Housing Programmes	1	30	Chalk & Talk	Direct
31	3	3	Rural Sanitation Programmes	1	31	Chalk & Talk	Direct
32	3	3	Types of Rural Markets	1	32	Chalk & Talk	Direct
33	3	3	Defects and Government Measures for Removal of Defects in rural markets	1	33	Chalk & Talk	Direct
34	3	3	Co-operative Marketing Societies	1	34	Chalk & Talk	Direct
35	3	3	Meaning and Importance of Regulated Markets	1	35	Chalk & Talk	Direct
36	3	3	Digital Marketing (e-NAM)	1	36	Chalk & Talk	Direct
37	3	3	Rural Governance	1	37	Chalk & Talk	Direct
38	3	3	Legislations powers, Functions	1	38	Chalk & Talk	Direct
39	3	3	Sources of revenue of Panchayat Raj Institutions	1	39	Chalk & Talk	Direct
40	3	3	Role of NGOs in rural development	1	40	Chalk & Talk	Direct
41	3	3	People's participation in rural development	1	41	Chalk & Talk	Direct
42	3	3	Gram Panchayat	1	42	Chalk & Talk	Direct

Mukesh. P

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Department of Economics
J.S.S. College (Autonomous)
Ooty Road, Mysore-575 005

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: III BA (EG)

Programme Code: 41

Semester: VI

Course Title: International Economics

Course Code: FHF410

No. of Hours Assigned: 60

Faculty Name: Rathnamma N

Sl. No.	Module	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	6	Meaning and Importance of International Trade;	1	1	Chalk and Talk	Direct
2	1	6	Differences between Internal and International Trade	1	2	Chalk and Talk	Direct
3	1	6	Trade Theories	1	3	Chalk and Talk	Direct
4	1	6	Mercantilist view	2	4,5	Chalk and Talk	Direct
5	1	6	Absolute cost	2	6,7	Chalk and Talk	Direct
6	1	6	Comparative cost advantage theories	2	8,9	Chalk and Talk	Direct
7	1	6	Haberler's Opportunity cost theory	2	10,11	Chalk and Talk	Direct
8	1	6	Heckscher-Ohlin theory	2	12,13	Chalk and Talk	Direct
9	1	6	Leontief's paradox	2	14,15	Chalk & Talk	Direct
10	2	6	Terms of trade	1	10	Chalk & Talk	Direct
11	2	6	Concepts	1	11	Chalk & Talk	Direct
12	2	6	Factors determining Terms of Trade	1	12	Chalk & Talk	Direct
13	2	6	Trade Policy	1	13	Chalk & Talk	Direct
14	2	6	Free trade	1	14	Chalk & Talk	Direct
15	2	6	Protection	1	15	Chalk & Talk	Direct
16	2	6	Tariffs	1	16	Chalk & Talk	Direct
17	2	6	Types	1	17	Chalk & Talk	Direct
18	2	6	Effects	1	18	Chalk & Talk	Direct
19	2	6	Quotas	1	19	Chalk & Talk	Direct
20	2	6	Anti-dumping	1	20	Chalk & Talk	Direct
21	2	6	Economic Integration	1	21	Chalk & Talk	Direct
22	2	6	Meaning	1	22	Chalk & Talk	Direct
23	2	6	Stages	1	23	Chalk & Talk	Direct
24	3	6	Balance of Payments	1	24	Chalk & Talk	Direct
25	3	6	Components	1	25	Chalk & Talk	Direct
26	3	6	Components of BOP	1	26	Chalk & Talk	Direct
27	3	6	Disequilibrium of BOP	1	27	Chalk & Talk	Direct
28	3	6	Causes of BOP	1	28	Chalk & Talk	Direct
29	3	6	Measurements of BOP	1	29	Chalk & Talk	Direct
30	3	6	Determination of Foreign Exchange rate	1	30	Chalk & Talk	Direct
31	3	6	Demand and Supply of Forex	1	31	Chalk & Talk	Direct

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32	3	6	Purchasing power parity theory	1	32	Chalk& Talk	Direct
33	3	6	Capital Flows	1	33	Chalk& Talk	Direct
34	3	6	Concepts and types of Foreign Investment	1	34	Chalk& Talk	Direct
35	3	6	Forms of FDI	1	35	Chalk& Talk	Direct
36	3	6	Advantages and Disadvantages of FDI	1	36	Chalk& Talk	Direct
37	4	6	International Financial Institutions and Trade Organization	1	37	Chalk& Talk	Direct
38	4	6	Bretton wood Institutions-IMF	1	38	Chalk& Talk	Direct
39	4	6	IBRD	1	39	Chalk& Talk	Direct
40	4	6	IDA	1	40	Chalk& Talk	Direct
41	4	6	IFC	1	41	Chalk& Talk	Direct
42	4	6	Functions of IFC and IDA	1	42	Chalk& Talk	Direct
43	4	6	Evaluation of WTO	1	43	Chalk& Talk	Direct
44	4	6	GATT-Principles and Objectives	1	44	Chalk& Talk	Direct
45	4	6	Agreements and Current Issues	1	45	Chalk& Talk	Direct
46	4	6	WTO and Developing Countries	1	46	Chalk& Talk	Direct

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: III BA (EG)

Programme Code: 41

Semester: VI

Course Title: Indian Public Finance

Course Code: FHF410

No. of Hours Assigned: 60

Faculty Name: Mahesha P

Sl. No.	Module	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	6	Public Revenue	1	1	Chalk and Talk	Direct
2	1	6	Source of Revenue	1	2	Chalk and Talk	Direct
3	1	6	Direct Tax	1	3	Chalk and Talk	Direct
4	1	6	Indirect Tax	1	4	Chalk and Talk	Direct
5	1	6	Personal income tax rate	1	5	Chalk and Talk	Direct
6	1	6	Corporate Tax	1	6	Chalk and Talk	Direct
7	1	6	Tax rate and Slabs	1	7	Chalk and Talk	Direct
8	1	6	Indirect tax revenue	1	8	Chalk and Talk	Direct
9	1	6	Indirect taxes -Earlier taxes	1	9	Chalk& Talk	Direct
10	1	6	VAT And MODVAT	1	10	Chalk& Talk	Direct
11	1	6	GST	1	11	Chalk& Talk	Direct
12	1	6	Classification of GST	1	12	Chalk& Talk	Direct
13	1	6	Objectives of GST	1	13	Chalk& Talk	Direct
14	1	6	Effects of GST	1	14	Chalk& Talk	Direct
15	1	6	Trends of GST	1	15	Chalk& Talk	Direct
16	1	6	Impact of GST	1	16	Chalk& Talk	Direct
17	1	6	Patterns of GST	1	17	Chalk& Talk	Direct
18	1	6	Tax Reforms Commission	1	18	Chalk& Talk	Direct
19	2	6	Revenue Expenditure – classification	1	19	Chalk& Talk	Direct

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 Ooty, Tamil Nadu
 2023-24

20	2	6	Public Expenditure in India	1	20	Chalk& Talk	Direct
21	2	6	Trends and Patterns of Expenditure	1	21	Chalk& Talk	Direct
22	2	6	FRBM	1	22	Chalk& Talk	Direct
23	2	6	Impact of public Expenditure on Indian Economy	1	23	Chalk& Talk	Direct
24	2	6	Expenditure Reforms Commission	1	24	Chalk& Talk	Direct
25	2	6	Union Budget and its Analysis	1	25	Chalk& Talk	Direct
26	2	6	Classification of Budget	1	26	Chalk& Talk	Direct
27	2	6	Zero Based Budget	1	27	Chalk& Talk	Direct
28	2	6	Composition of Union Budget	1	28	Chalk& Talk	Direct
29	2	6	Union Budget Analysis (current one)	1	29	Chalk& Talk	Direct
30	2	6	Different concepts of Deficit	1	30	Chalk& Talk	Direct
31	2	6	Revenue Deficit	1	31	Chalk& Talk	Direct
32	2	6	Fiscal Deficit	1	32	Chalk& Talk	Direct
33	2	6	Primary Deficits	1	33	Chalk& Talk	Direct
34	3	6	Public Borrowing and Debt-Meaning and Nature	1	34	Chalk& Talk	Direct
35	3	6	Sources of Public Borrowing	1	35	Chalk& Talk	Direct
36	3	6	Classifications of Public Debt	1	36	Chalk& Talk	Direct
37	3	6	Characteristics of Public Debt	1	37	Chalk& Talk	Direct
38	3	6	Crowding out and Private Investment	1	38	Chalk& Talk	Direct
39	3	6	Causes of Public Debt	1	39	Chalk& Talk	Direct
40	3	6	Burden of Public Debt and Management	1	40	Chalk& Talk	Direct
41	3	6	Importance of public Debt Management	1	41	Chalk& Talk	Direct
42	3	6	Principles of Public Debt	1	42	Chalk& Talk	Direct
43	3	6	Repayment of Public Debt	1	43	Chalk& Talk	Direct
44	3	6	Trends and Patterns of Debt	1	44	Chalk& Talk	Direct
45	3	6	Debt Management in India	1	45	Chalk& Talk	Direct
46	3	6	Impact of debt	1	46	Chalk& Talk	Direct
47	3	6	Impact of debt on India	1	47	Chalk& Talk	Direct
48	4	6	Fiscal and Monetary Policies in India	1	48	Chalk& Talk	Direct
49	4	6	Fiscal Policy Trends	1	49	Chalk& Talk	Direct
50	4	6	Monetary Policy	1	50	Chalk& Talk	Direct
51	4	6	Instruments of Monetary Policy	1	51	Chalk& Talk	Direct
52	4	6	Inflation and Targets	1	52	Chalk& Talk	Direct
53	4	6	Indian Federal Finance- Meaning	1	53	Chalk& Talk	Direct
54	4	6	Importance of Federal Finance	1	54	Chalk& Talk	Direct
55	4	6	Allocation of Resources	1	55	Chalk& Talk	Direct
56	4	6	Division of Functions	1	56	Chalk& Talk	Direct
57	4	6	Principles of Federal Finance	1	57	Chalk& Talk	Direct
58	4	6	Shortcomings of Federal Financing	1	58	Chalk& Talk	Direct
59	4	6	Current Finance Commission	1	59	Chalk& Talk	Direct
60	4	6	Recommendations of Finance Commissions	1	60	Chalk& Talk	Direct

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Department of Economics
J.S.S College (Autonomous)
Ooty Road, MYSORE-25

Lesson Plan/Session Plan 2023-24.

Department of Economics

Programme: III BA (EG)

Programme Code: 41

Semester: VI

Course Title: Environmental Economics

Course Code: FHE410

No. of Hours Assigned: 60

Faculty Name: Dr. Shanmuga S

Sl. No.	Module	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	6	Environment and Ecology	1	1	Chalk and Talk	Direct
2	1	6	Nature of Ecology	1	2	Chalk and Talk	Direct
3	1	6	Scope of Environment	1	3	Chalk and Talk	Direct
4	1	6	Linkages between Environment and Ecology	1	4	Chalk and Talk	Direct
5	1	6	Environmental Kuznets Curve	1	5	Chalk and Talk	Direct
6	1	6	Environment Stress	1	6	Chalk and Talk	Direct
7	1	6	Population and Environment	1	7	Chalk and Talk	Direct
8	1	6	Poverty and Environment	1	8	Chalk and Talk	Direct
9	1	6	Meaning and Elements of Ecology	1	9	Chalk& Talk	Direct
10	1	6	Biotic and Abiotic components	1	10	Chalk& Talk	Direct
11	1	6	Food cycle	1	11	Chalk& Talk	Direct
12	1	6	Hydrological and Carbon Cycles	1	12	Chalk& Talk	Direct
13	1	6	Material balanced Principle	1	13	Chalk& Talk	Direct
14	1	6	Rio Summit	1	14	Chalk& Talk	Direct
15	1	6	Green Accounting	1	15	Chalk& Talk	Direct
16	2	6	Natural Resources	1	16	Chalk& Talk	Direct
17	2	6	Features of Renewable Resources	1	17	Chalk& Talk	Direct
18	2	6	Features of Non- renewable Resources	1	18	Chalk& Talk	Direct
19	2	6	Problem of Depletion	1	19	Chalk& Talk	Direct
20	2	6	Problem of overuse	1	20	Chalk& Talk	Direct
21	2	6	Resource scarcity and economic growth	1	21	Chalk& Talk	Direct
22	2	6	Energy and economic development	1	22	Chalk& Talk	Direct
23	2	6	Energy resources and Pricing	1	23	Chalk& Talk	Direct
24	2	6	Alternative energy	1	24	Chalk& Talk	Direct
25	2	6	Resource Scarcity	1	25	Chalk& Talk	Direct
26	2	6	Limits to Growth Model	1	26	Chalk& Talk	Direct
27	2	6	Conservation of Natural Resources	1	27	Chalk& Talk	Direct
28	2	6	3rs - Reduce	1	28	Chalk& Talk	Direct
29	2	6	Reuses of Resources	1	29	Chalk& Talk	Direct
30	2	6	Recycling Measures	1	30	Chalk& Talk	Direct
31	3	6	Environmental population	1	31	Chalk& Talk	Direct
32	3	6	Types of Population	1	32	Chalk& Talk	Direct
33	3	6	Air and Water Pollution	1	33	Chalk& Talk	Direct
34	3	6	Soil and Noise Pollution	1	34	Chalk& Talk	Direct
35	3	6	Causes of pollution	1	35	Chalk& Talk	Direct
36	3	6	Consequences of Pollution	1	36	Chalk& Talk	Direct

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37	3	6	Climate Change	1	37	Chalk& Talk	Direct
38	3	6	Global Warming	1	38	Chalk& Talk	Direct
39	3	6	Green House Effect	1	39	Chalk& Talk	Direct
40	3	6	Ozone Depletion	1	40	Chalk& Talk	Direct
41	3	6	Corbon Footprint	1	41	Chalk& Talk	Direct
42	3	6	Environmental Hazards – Rivers	1	42	Chalk& Talk	Direct
43	3	6	Land and Floods	1	43	Chalk& Talk	Direct
44	3	6	Drought, acid rain	1	44	Chalk& Talk	Direct
45	3	6	Environmental Impact assessment	1	45	Chalk& Talk	Direct
46	4	6	Environmental Policy and Regulations	1	46	Chalk& Talk	Direct
47	4	6	Environmental regulatory system in India	1	47	Chalk& Talk	Direct
48	4	6	Population Control Boards	1	48	Chalk& Talk	Direct
49	4	6	Provisions of the Environmental Protection act 1986	1	49	Chalk& Talk	Direct
50	4	6	Environmental Movements {Chipko}	1	50	Chalk& Talk	Direct
51	4	6	Functions of Pollution Board	1	51	Chalk& Talk	Direct
52	4	6	Effects of Chipko Movement	1	52	Chalk& Talk	Direct
53	4	6	Role of Citizens	1	53	Chalk& Talk	Direct
54	4	6	Role of NGO's	1	54	Chalk& Talk	Direct
55	4	6	Provisions of Environmental Protection	1	55	Chalk& Talk	Direct
56	4	6	Global agenda for Environmental Protection	1	56	Chalk& Talk	Direct
57	4	6	Pollutions in Local Area	1	57	Chalk& Talk	Direct
58	4	6	Climate change	1	58	Chalk& Talk	Direct
59	4	6	Pollution Board Office	1	59	Chalk& Talk	Direct
60	4	6	Observing its Functions	1	60	Chalk& Talk	Direct

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JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24 (Odd Sem)

Programme: B.Sc Programme Code: BZ/CB

Semester: I

Course Title: Microbial diversity and technology

Course Code: FSA48039

No. of Hours: 30 hours

Faculty Name: N.Gayathri Devi

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit 1 Unit -2	30	Microbiology Levels of organisation of Microorganisms	1.	Chalk & Talk	Direct / Viva / Written
2			Classification of Microorganisms	2.		
3			Microbiology Levels of organisation of Microorganisms	3.		
4			Distribution of Microorganisms	4.		
5			Scope of Microorganisms	5.		
6			History of Microbiologists- Robert Koch, Leeuwenhoek	6.		
7			Joseph Lister, Winogradsky	7.		
8			Paul Ehrlich, Louis Pasteur,	8.		
9			Louis Pasteur,	9.		
10			Robert Koch, Beijerinck,	10.		
11			Microscopy – light Microscopes	11.		
12			Microscopy -Electron, Dark field	12.		
13			Microscopy- Phase contrast	13.		
14			Staining –Types, Simple	14.		
15			Staining- Gram staining	15.		
16			Culture media- Types	16.		
17			Culture media- Natural/ synthetic	17.		
18			Routine laboratory media	18.		
19			Routine laboratory media contd	19.		
20			Routine laboratory media contd.	20.		
21			Sterilization	21.		
22			Sterilization- introduction Sterilization- Techniques	22.		
23			Sterilization- Techniques contd.	23.		
24			Sterilization Methods	24.		

25		Sterilization Methods	25.	
26		Microbial growth- Introduction	26.	
27		Microbial growth - measurement	27.	
28		Nutritional types	28.	
29		Chemotrophs, Organotrophs	29.	
30		Autotrophs, Photolithotrophic	30.	

JSS Mahavidyapeetha
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Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24 (Odd Sem)

Programme: B.Sc Programme Code: BZ Semester: III

Course Title: Plant Anatomy and Developmental biology

Course Code: FSC48039

No. of Hours: 30 hours

Faculty Name: N.Gayathri Devi

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit 3	15	Structure and function of root apical meristem (RAM): Root cap, quiescent centre and origin of lateral roots.	1.	Chalk& Talk	Direct / Viva Written
2			Transition from vegetative apex into reproductive apex	2.		
3			Developmental patterns at flowering apex: ABC model specification of floral organs	3.		
4			Modification of gene action by growth hormones	4.		
5			cellular differences between floral organs.	5.		
6			Senescence – a general account.	6.		
7			Morphogenesis in plants - Differentiation and cell polarity in acellular (Dictyostelium)	7.		
8			Unicellular (Acetabularia)	8.		
9			and multicellular system (root hair and stomata formation)	9.		
10			Organogenesis: Differentiation of root, stem, leaf and axillary bud. Mechanism of leaf primordium initiation, development and Phyllotaxis (Diversity in size and shape of leaves	10.		
11			Differentiation of stem, leaf	11.		

			and axillary bud.		
12			Differentiation of leaf and axillary bud.	12.	
13			Mechanism of leaf primordium initiation development	13.	
14			Phyllotaxis	14.	
15			Diversity in size and shape of leaves	15.	
16	Unit 4			16.	
17			Megagametogenesis – Types of development of Female gametophyte/	17.	
18			embryosac- monosporic- <i>Polygonum</i> type,	18.	
19			bisporic – <i>Allium</i> type	19.	
20			tetrasporic - <i>Fritillaria</i> type. Structure of mature embryosac.	20.	
21			Pollination and fertilization: Structural and functional aspects of pollen,	21.	
22			Structural and functional aspects of stigma and style	22.	
23			. Post pollination events	23.	
24			Current aspects of fertilization	24.	
25			Significance of double fertilization, Post fertilization changes	25.	
26			Endosperm – Types and its biological importance. Free nuclear (<i>Cocos nucifera</i>) cellular (<i>Cucumis</i>),	26.	
27			helobial types. Ruminant endosperm.	27.	
28			Embryogenesis – Structure and composition of zygote ,Dicot (<i>Capsella bursa-pastoris</i>)	28.	
29			Monocot (<i>Najas</i>) embryo development.	29.	
30			A general account of seed development.	30.	

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Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24 (Odd Sem)

Programme: III B.Sc Programme Code:BZ

Semester: Vsem

Course Title: Plant Morphology & Taxonomy

Course Code-----

No. of Hours: 30

Faculty Name: Gayathri Devi N

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit 1	15	Morphology of Root, Stem and Leaf. Their modifications for various functions..	1.	Chalk& Talk	Direct / Viva / Written
2			Root modifications for various functions.	2.		
3			Stem modifications for various functions	3.		
4			Leaf. Their modifications for various functions	4.		
5			Inflorescence – types.	5.		
6			Structure and variations of flower.	6.	Chalk& Talk	
7			Fruits–types.	7.		
8			Floral diagram and floral formula	8.		
9			Introduction to Taxonomy: History, objectives, scope and relevance of Taxonomy. Systems of classification: Artificial,	9.		
10			Natural and Phylogenetic; brief account of Linnaeus', Bentham & Hooker's,	10.		
11			Engler and Prantl's system	11.	Chalk& Talk	

			and APG System (IV- 2016). Merits and demerits of classifications.			
12			Taxonomic literatures: Floras, Monograph, Revisions, Journals and <i>Hortus Malabaricus</i> .	12.		
13			Herbaria and Important herbaria Technique of Herbarium Preparation.	13.		
14			Botanical gardens: and botanical gardens of the world and India and their importance.	14.		
15			Virtual herbarium; E-Flora- documentation and uses.	15.		
16	Unit 4:	15	Plant identification: Taxonomic dichotomous keys; indented (yoked) and bracketed keys. (brief account only).	16.		
17			Plant identification: Taxonomic dichotomous keys; indented (yoked) and bracketed keys. (brief account only). contd	17.		
18			Study of the diagnostic features of Angiosperm families: Annonaceae,	18.		
19			Malvaceae,	19.		
20			Fabaceae (with sub Families)	20.		
21			Myrtaceae,	21.		
22			Apocynaceae, Solanaceae,	22.		

			Lamiaceae		
23			Euphorbiaceae, Liliaceae,	23.	
24			Arecaceae,	24.	
25			Orchidaceae	25.	
26			Poaceae.	26.	
27			Asteraceae	27.	
28			Apiaceae,	28.	
29			Rutaceae,	29.	
30			Brassicaceae,	30.	

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Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24 (Odd Sem)

Programme: III B.Sc Programme Code:BZ

Semester: Vsem

Course Title: Genetics & Plant breeding

Course Code-----

No. of Hours: 30

Faculty Name: Gayathri Devi N

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit 3	15	Cell Biology: Microscopy- Light microscopy,	1.	Chalk& Talk	Direct / Viva / Written
2			Phase contrast microscopy,	2.		
3			Electron microscopy (SEM and TEM) and Fluorescence Microscopy.	3.		
4			Ultrastructure and functions of cell wall,	4.		
5			cell organelles (nucleus, mitochondria,	5.		
6			chloroplast, Golgi apparatus,	6.	Chalk& Talk	Direct / Viva / Written
7			vacuole, endoplasmic reticulum,	7.		
8			ribosome, spherosome and lysosome).	8.		
9			Phases of eukaryotic cell cycle: mitosis	9.		
10			meiosis.	10.		
11			Regulation of cell cycle and	11.	Chalk& Talk	Direct / Viva / Written

			significance of mitosis and meiosis.			
12			Structure and function of Chromosome,	12.		
13			Structure and function of Chromosome,	13.		
14			DNA	14.		
15			RNAs	15.		
16	Unit 4:		Plant Breeding: Introduction and objectives.	16.		
17			Breeding systems: modes of reproduction in crop plants.	17.		
18			Important achievements and undesirable consequences of plant breeding.	18.		
19			Centers of origin and domestication of crop plants,	19.		
20			Plant genetic resources; Acclimatization,	20.		
21			Selection methods- for self-pollination,	21.		
22			Cross pollination and vegetatively propagated plants.	22.		
23			Inbreeding depression	23.		
24			Heterosis,	24.		
25			heterosis; Applications.	25.		
26			Crop improvement and breeding	26.		
27			Role of mutations; Polyploidy	27.		
28			Distant hybridization	28.		
29			Role of biotechnology in crop improvement	29.		
30			Role of biotechnology in crop improvement	30.		

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24 (Odd Sem)

Programme: B.A Programme Code: JP/HE

Semester: III

Course Title: Plant wealth & Human Welfare No.of Hours: 13

Course Code: OEC-3.3

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit I	13	Origin of Cultivated Plants. Concept of Centres of Origin, their import reference to Vavilov's work.	1.	Chalk& Talk	Direct / Viva / Written
2			Examples of major plant introductions.	2.		
3			Crop domestication and loss of genetic diversity	3.		
4			Importance of plant bio- diversity and conservation	4.		
5			Wheat and Rice (5.		
6			Green revolution	6.		
7			Brief account of millets and their nutritional importance.	7.		
8			General account of pulses..	8.		
9			red gram,	9.		
10			chick pea	10.		
11			soybean	11.		
12			green gram	12.		
13			Importance to man and ecosystem	13.		

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit II	14	Flower arrangement: importance	1	Chalk& Talk	Direct / Viva / Written
2			production details	2		
3			cultural operations,	3		
4			constraints,.	4		
5			post-harvest practices	5		
6			Bio-aesthetic planning, definition, need	6		
7			Bio-aesthetic planning, definition, need contd.	7		
8			round country planning,	8		
9			urban planning.	9		
10			planting avenues, schools, villages,	10		
11			beautifying railway stations	11		
12			dam sites	12		
13			hydroelectric stations, colonies	13		
14			river banks			

LESSON PLAN/SESSION PLAN – 2023-24 (ODD)

DEPARTMENT OF KANNADA I BA I SEMESTER

N Santhosh Kumar

PAPER: Kannada Sahitya Charitre

WEEKLY: 3HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Kannada sahithya charitre	1	Day 1	Chalk& Talk	Direct
2		1 hour	Kannada sahithya charitre	1	Day 2	Chalk& Talk	Direct
3		1 hour	Kannada sahithya charitre ,ugama	1	Day 3	Chalk& Talk	Direct
4		1 hour	Kannada sahithya charitre vikasa	1	Day 4	Chalk& Talk	Direct
5		1 hour	Kannada sahithya charitre prayojana	1	Day 5	Chalk& Talk	Direct
6		1 hour	Continued last chapter	1	Day 6	Chalk& Talk	Direct
7		1 hour	Pampa	1	Day 7	Chalk& Talk	Direct
8		1 hour	Adipurana	1	Day 8	Chalk& Talk	Direct
9		1 hour	Vikramarjuna vijaya	1	Day 9	Chalk& Talk	Direct
10		1 hour	Halmidi shasana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Continued last chapter	1	Day 11	Chalk& Talk	Direct
12		1 hour	Continued last chapter	1	Day 12	Chalk& Talk	Direct
13	2	1 hour	Kavirajamarga	1	Day 13	Chalk& Talk	Direct
14		1 hour	Kavirajamarga	1	Day 14	Chalk& Talk	Direct
15		1 hour	Kavirajamarga	1	Day 15	Chalk& Talk	Direct
16		1 hour	Vaddaradhane	1	Day 16	Chalk& Talk	Direct
17		1 hour	Continued last chapter	1	Day 17	Chalk& Talk	Direct
18	3	1 hour	Ranna	1	Day 18	Chalk& Talk	Direct
19		1 hour	Ajithateertanakara purana	1	Day 19	Chalk& Talk	Direct
20		1 hour	continued	1	Day 20	Chalk& Talk	Direct
21		1 hour	Gadhayudda	1	Day 21	Chalk& Talk	Direct
22		1 hour	continued	1	Day 22	Chalk& Talk	Direct
23		1 hour	Ponna	1	Day 23	Chalk& Talk	Direct
24		1 hour	Continued last chapter	1	Day 24	Chalk& Talk	Direct
25		1 hour	Janna	1	Day 25	Chalk& Talk	Direct
26		1 hour	Continued last chapter	1	Day 26	Chalk& Talk	Direct

27		1 hour	Yashodara charitre	1	Day 27	Chalk& Talk	Direct
28		1 hour	Continued last chapter	1	Day 28	Chalk& Talk	Direct
29	4	1 hour	Nagachandra	1	Day 29	Chalk& Talk	Direct
30		1 hour	contoinued	1	Day 30	Chalk& Talk	Direct
31		1 hour	Ramachandra charita purana	1	Day 31	Chalk& Talk	Direct
32		1 hour	continued	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II BA III SEMESTER

N Santhosh Kumar

course code-ELA06021/22/23/24/25/26

PAPER : KALA SIRI -3

WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Nadugannada sahyada hinnele				
2		1 hour	Prabhaava ,perane ,vysistya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Jaimini bharatada katha vastu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Lakhsmeeshana &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Chanadrasahana kathe	1	Day 5	ICT	
6		1 hour	Yagada kudure vindya parvata daatiddu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Shishira rutu varnane	1	Day 7	Chalk& Talk	Direct
8		1 hour	Yagada kudure iddakkiddante naapatte yaguvudu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Naradamaharshi galu kanisikonduru parihara tilisikathe aarambhisiddu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kelraladeshada avnipanige magu janana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Satrugala aakramana,rajana saavu,thaayiya sahaamana	1	Day 11	Chalk& Talk	Direct
12		1 hour	Dhatiyu magavannu rakshisi kuntala purakke bandiddu	1	Day 12	Chalk& Talk	Direct
13		1 hour	Bhikshe bedi maguvannu poredaddu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Avla saavina nantara paraputtanagi beledaddu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Dustbuddhi shishuvannu kollalu sanchu	1	Day 15	Chalk& Talk	Direct
16		1 hour	Beteya varnane,kulindakanige kadinalli shishu doretaddu	1	Day 16	Chalk& Talk	Direct
17		1 hour	chandra hasa nendu hesarittu sakuvudu	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vyshnava bhaktanagi roopugondiddu	1	Day 18	Chalk& Talk	Direct

19		1 hour	Samruddhi hondiddu dstabuddhi ge tilidu kulindakana nodalu banoiddu	1	Day 19	Chalk& Talk	Direct
20		1 hour	Satya tilidu matte sanchu ropisiddu	1	Day 20	Chalk& Talk	Direct
21		1 hour	Vishava mohisuvante koduvudu endu rahasya patra baredaddu	1	Day 21	Chalk& Talk	Direct
22		1 hour	Vishaye mohitalagi aapatravannu tidduvudu	1	Day 22	Chalk& Talk	Direct
23		1 hour	Madana addhuriyagi tangi vishaye yannu kottu vivaha maduvudu	1	Day 23	Chalk& Talk	Direct
24		1 hour	Dushta buddhi matte sanchu roopisiddu	1	Day 24	Chalk& Talk	Direct
25		1 hour	Tirugu baanavagi maga madanane baliyadaddu	1	Day 25	Chalk& Talk	Direct
26		1 hour	Magana sthitiyannu nodi tanu prana kaledu kolluvudu	1	Day 26	Chalk& Talk	Direct
27		1 hour	Vishaya tilidu Chandra hasa kaliyayannu archisi vara beduvudu	1	Day 27	Chalk& Talk	Direct
28		1 hour	Kali Chandra hasana bhakti ge mechhi vara needuvudu	1	Day 28	Chalk& Talk	Direct
29		1 hour	Kathe sukhaantyavagi dushta buddhi madana ellaru baduki uliyuvudu	1	Day 29	Chalk& Talk	Direct
30		1 hour	Vishnuvina mahime saruva katheya mukya vicharagala charche	1	Day 30	Chalk& Talk	Direct
31		1 hour	conclusion	1	Day 31	Chalk& Talk	Direct
32		1 hour	revision	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II BCom B III SEMESTER

N Santhosh Kumar

course code-ENC06001

PAPER: VANIJYA SIRI -3

WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction to nadugannada sahitya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Nadugannada sahityada vysistya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nadugannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Vachanagala vysistya,swaroompa etc	1	Day 4	Chalk& Talk	Direct
5		1 hour	Jedara dasimayya-parichaya, vachanagalu	1	Day 5	ICT	
6		1 hour	continued	1	Day 6	Chalk& Talk	Direct
7		1 hour	Allamana-parichaya, vachanagalu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Amuge rayamma-parichaya,vachanagalu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Lingamma –parichaya,vachanagalu	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Raghavanka –kala,desha,krutigala parichaya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Harishandra charitrya da katha vastu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Haranembude satya,satyavembude haranu	1	Day 12	Chalk& Talk	Direct
13		1 hour	munduvarike	1	Day 13	Chalk& Talk	Direct
14		1 hour	munduvarike	1	Day 14	Chalk& Talk	Direct
15		1 hour	munduvarike	1	Day 15	Chalk& Talk	Direct
16	c	1 hour	Tripadigala vysistya, sarvagna parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Sarvagnana tripadigalu	1	Day 17	Chalk& Talk	Direct
18		1 hour	munduvarike	1	Day 18	Chalk& Talk	Direct
19		1 hour	munduvarike	1	Day 19	Chalk& Talk	Direct
20	d	1 hour	Dasarakeertane gala vysistya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Purandara dasara-& krutigala parichaya,	1	Day 21	Chalk& Talk	Direct

22		1 hour	Manava janma doddadu-keertane	1	Day 22	Chalk& Talk	Direct
23		1 hour	munduvaruke	1	Day 23	Chalk& Talk	Direct
24	e	1 hour	Ratnaakaravarni- kala,desha&krutigala parichaya	1	Day 24	Chalk& Talk	Direct
25		1 hour	Bharathesha vaibhava da katha vastu	1	Day 25	Chalk& Talk	Direct
26		1 hour	Dharmayuddha prasangada hinnele	1	Day 26	Chalk& Talk	Direct
27		1 hour	munduvaruke	1	Day 27	Chalk& Talk	Direct
28		1 hour	munduvaruke	1	Day 28	Chalk& Talk	Direct
29		1 hour	munduvaruke	1	Day 29	Chalk& Talk	Direct
30		1 hour	Sangatyada vysistya	1	Day 30	Chalk& Talk	Direct
31		1 hour	Sanchiya honnamma- kala,desha,krutigala parichaya	1	Day 31	Chalk& Talk	Direct
32		1 hour	Hadibadeya dharma da vastu,vysistya	1	Day 32	Chalk& Talk	Direct
33		1 hour	Kuvaranadode kundenu padya	1	Day 33	Chalk& Talk	Direct
34		1 hour	munduvaruke	1	Day 34	Chalk& Talk	Direct
35		1 hour	munduvaruke	1	Day 35	Chalk& Talk	Direct
36		1 hour	munduvaruke	1	Day 36	Chalk& Talk	Direct
37		1 hour	Prashne patrike	1	Day 37	Chalk& Talk	Direct
38		1 hour	revision	1	Day 38	Chalk& Talk	Direct
39		1 hour	revision	1	Day 39	Chalk& Talk	Direct
40		1 hour	revision	1	Day 40	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I Bcom B I SEMESTER****N Santhosh Kumar****COURSE CODE-ENA06001****PAPER: VANIJYA SIRI -1****WEEKLY 2 HOURS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	B M SHRI &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hosagannada sahityakke shri avara koduge	1	Day 5	ICT	
6		1 hour	Prarthane padya,-uddesha ,vivara	1	Day 6	Chalk& Talk	Direct
7		1 hour	Munduvrike	1	Day 7	Chalk& Talk	Direct
8		1 hour	Munduvrike	1	Day 8	Chalk& Talk	Direct
9		1 hour	Munduvrike	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Kuvempu & krutigala parachiya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Ramayana darshanam krutiya& vastu parichaya	1	Day 11	Chalk& Talk	Direct
12		1 hour	Nee Mahachipi ditam- kavya bhaga	1	Day 12	Chalk& Talk	Direct
13		1 hour	Munduvrike	1	Day 13	Chalk& Talk	Direct
14		1 hour	Munduvrike	1	Day 14	Chalk& Talk	Direct
15		1 hour	Munduvrike	1	Day 15	Chalk& Talk	Direct
16	c	1 hour	Da Ra Bendre & krtigala parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Kurudu kanchana kuniyutalitto padya	1	Day 17	Chalk& Talk	Direct
18		1 hour	Munduvrike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Munduvrike	1	Day 19	Chalk& Talk	Direct
20		1 hour	K S Na avara& krutigala parichaya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Railway nildaanadalli padya	1	Day 21	Chalk& Talk	Direct
22		1 hour	Munduvrike	1	Day 22	Chalk& Talk	Direct
23		1 hour	Munduvrike	1	Day 23	Chalk& Talk	Direct
24	d	1 hour	K S Nisar Ahamad -& KRUTIGALA	1	Day 24	Chalk& Talk	Direct

			PARICHAYA				
25		1 hour	Khali situgalu -padya	1	Day 25	Chalk& Talk	Direct
26		1 hour	Munduarike	1	Day 26	Chalk& Talk	Direct
27		1 hour	Munduarike	1	Day 27	Chalk& Talk	Direct
28		1 hour	Munduarike	1	Day 28	Chalk& Talk	Direct
29	f	1 hour	Vydehi-&krutigala parichaya	1	Day 29	Chalk& Talk	Direct
30		1 hour	Strivadi chintane vivara	1	Day 30	Chalk& Talk	Direct
31		1 hour	Aduge mane hudugi -padya	1	Day 31	Chalk& Talk	Direct
32		1 hour	Munduarike	1	Day 32	Chalk& Talk	Direct
33		1 hour	Munduarike	1	Day 33	Chalk& Talk	Direct
34	g	1 hour	Hema pattana shetty & krutigala parichaya	1	Day 34	Chalk& Talk	Direct
35		1 hour	Apoorva -padya	1	Day 35	Chalk& Talk	Direct
36		1 hour	Munduarike	1	Day 36	Chalk& Talk	Direct
37		1 hour	Munduarike	1	Day 37	Chalk& Talk	Direct
38	h	1 hour	Mudnakudu china swamy&krutigala parichaya	1	Day 38	Chalk& Talk	Direct
39		1 hour	Dalita sahityada hinnele-vivara	1	Day 39	Chalk& Talk	Direct
40		1 hour	Chappali mattu nanu-padya	1	Day 40	Chalk& Talk	Direct
41		1 hour	Munduarike	1	Day 41	Chalk& Talk	Direct
42		1 hour	Munduarike	1	Day 42	Chalk& Talk	Direct
43		1 hour	Munduarike	1	Day 43	Chalk& Talk	Direct
44		1 hour	revision	1	Day 44	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I B.Com C I SEMESTER****N Santhosh Kumar****COURSE CODE-CDA06001****PAPER: VANIJYA SIRI -1****WEEKLY 2 HOURS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Adhunka kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaropa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	B M SHRI &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hosagannada sahityakke shri avara koduge	1	Day 5	ICT	
6		1 hour	Prarthane padya,-uddesha ,vivara	1	Day 6	Chalk& Talk	Direct
7		1 hour	Munduarike	1	Day 7	Chalk& Talk	Direct
8		1 hour	Munduarike	1	Day 8	Chalk& Talk	Direct
9		1 hour	Munduarike	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kuvempu & krutigala parachiya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Ramayana darshanam krutiya& vastu parichaya	1	Day 11	Chalk& Talk	Direct
12		1 hour	Nee Mahachipi ditam- kavya bhaga	1	Day 12	Chalk& Talk	Direct
13		1 hour	Munduarike	1	Day 13	Chalk& Talk	Direct
14	2	1 hour	Munduarike	1	Day 14	Chalk& Talk	Direct
15		1 hour	Munduarike	1	Day 15	Chalk& Talk	Direct
16		1 hour	Da Ra Bendre & krtigala parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Kurudu kanchana kuniyutalitto padya	1	Day 17	Chalk& Talk	Direct
18		1 hour	Munduarike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Munduarike	1	Day 19	Chalk& Talk	Direct
20		1 hour	K S Na avara& krutigala parichaya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Railway nildaanadalli padya	1	Day 21	Chalk& Talk	Direct
22		1 hour	Munduarike	1	Day 22	Chalk& Talk	Direct
23		1 hour	Munduarike	1	Day 23	Chalk& Talk	Direct

24		1 hour	K S Nisar Ahamad -& KRUTIGALA PARICHAYA	1	Day 24	Chalk& Talk	Direct
25		1 hour	Khali situgalu -padya	1	Day 25	Chalk& Talk	Direct
26		1 hour	Munduarike	1	Day 26	Chalk& Talk	Direct
27		1 hour	Munduarike	1	Day 27	Chalk& Talk	Direct
28		1 hour	Munduarike	1	Day 28	Chalk& Talk	Direct
29		1 hour	Vydehi-&krutigala parichaya	1	Day 29	Chalk& Talk	Direct
30		1 hour	Strivadi chintane vivara	1	Day 30	Chalk& Talk	Direct
31		1 hour	Aduge mane hudugi -padya	1	Day 31	Chalk& Talk	Direct
32		1 hour	Munduarike	1	Day 32	Chalk& Talk	Direct
33	3	1 hour	Munduarike	1	Day 33	Chalk& Talk	Direct
34		1 hour	Hema pattana shetty & krutigala parichaya	1	Day 34	Chalk& Talk	Direct
35		1 hour	Apoorva -padya	1	Day 35	Chalk& Talk	Direct
36		1 hour	Munduarike	1	Day 36	Chalk& Talk	Direct
37		1 hour	Munduarike	1	Day 37	Chalk& Talk	Direct
38		1 hour	Mudnakudu china swamy&krutigala parichaya	1	Day 38	Chalk& Talk	Direct
39		1 hour	Dalita sahyada hinnele-vivara	1	Day 39	Chalk& Talk	Direct
40		1 hour	Chappali mattu nanu-padya	1	Day 40	Chalk& Talk	Direct
41		1 hour	Munduarike	1	Day 41	Chalk& Talk	Direct
42		1 hour	Munduarike	1	Day 42	Chalk& Talk	Direct
43		1 hour	Munduarike	1	Day 43	Chalk& Talk	Direct
44		1 hour	revision	1	Day 44	Chalk& Talk	Direct
45		1 hour	revision	1	Day 45	Chalk& Talk	Direct
46		1 hour	revision	1	Day 46	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I Bsc PS B I SEMESTER****N Santhosh Kumar****course code-DMA06001/2/3/4/5/6/7/8****PAPER: VIGNANA SIRI -1****WEEKLY 1 HOUR**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Adhunka kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	B M SHRI &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hosagannada sahityakke shri avara koduge	1	Day 5	Chalk& Talk	Direct
6		1 hour	Kanike padya, artha vivarane	1	Day 6	Chalk& Talk	Direct
7		1 hour	Munduvrike	1	Day 7	Chalk& Talk	Direct
8		1 hour	Munduvrike	1	Day 8	Chalk& Talk	Direct
9	b	1 hour	D VG avara &krutigala parichaya	1	Day 9	Chalk& Talk	Direct
10		1 hour	Munduvrike	1	Day 10	Chalk& Talk	Direct
11		1 hour	Munduvrike	1	Day 11	Chalk& Talk	Direct
12		1 hour	Munduvrike	1	Day 12	Chalk& Talk	Direct
13	c	1 hour	G P Rajaratnam avara& krutigala parichaya	1	Day 13	Chalk& Talk	Direct
14		1 hour	Nalli taav nam malli padya	1	Day 14	Chalk& Talk	Direct
15		1 hour	Padyada artha vivarane	1	Day 15	Chalk& Talk	Direct
16		1 hour	Padyada artha vivarane	1	Day 16	Chalk& Talk	Direct
17		1 hour	Padyada artha vivarane	1	Day 17	Chalk& Talk	Direct
18	d	1 hour	Gangadhara chittalara& krutigala parichaya	1	Day 18	Chalk& Talk	Direct
19		1 hour	Thaayi padya-artha vivarane	1	Day 19	Chalk& Talk	Direct
20		1 hour	Padyada artha vivarane	1	Day 20	Chalk& Talk	Direct
21		1 hour	Padyada artha vivarane	1	Day 21	Chalk& Talk	Direct
22		1 hour	Padyada artha vivarane	1	Day 22	Chalk& Talk	Direct
23		1 hour	Prashne patrike	1	Day 23	Chalk& Talk	Direct
24		1 hour	revision	1	Day 24	Chalk& Talk	Direct

25		1 hour	revision	1	Day 25	Chalk& Talk	Direct
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LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I Bcom A I SEMESTER****N Santhosh Kumar****COURSE CODE-ENA06001****PAPER: VANIJYA SIRI - 1****WEEKLY 1 HOUR**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Adhunka kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Sannakathe swaroopa ,uddesha	1	Day 4	Chalk& Talk	Direct
5		1 hour	Sannakathe ithihasa,parampare	1	Day 5	ICT	
6		1 hour	Adhunka yugadalli pramukha sanna kathegararu	1	Day 6	Chalk& Talk	Direct
7	d	1 hour	Kathgararagi kum vi	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kum vi-baduku baraha	1	Day 8	Chalk& Talk	Direct
9		1 hour	Devara hena -kathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Badatana hasuvina teevrateya chitrana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Katheya munduvarike	1	Day 11	Chalk& Talk	Direct
12		1 hour	Katheya munduvarike	1	Day 12	Chalk& Talk	Direct
13		1 hour	Katheya munduvarike	1	Day 13	Chalk& Talk	Direct
14	e	1 hour	Kodagina gowramma na &krutigala parichaya	1	Day 14	Chalk& Talk	Direct
15		1 hour	Avra kathegala vysistya	1	Day 15	Chalk& Talk	Direct
16		1 hour	Munna dina kathe	1	Day 16	Chalk& Talk	Direct
17		1 hour	Katheya munduvarike	1	Day 17	Chalk& Talk	Direct
18		1 hour	Katheya munduvarike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Jatyateetateya vichara da charche	1	Day 19	Chalk& Talk	Direct
20		1 hour	Katheya swopagnate vichara	1	Day 20	Chalk& Talk	Direct
21		1 hour	conclusion	1	Day 21	Chalk& Talk	Direct
22		1 hour	revision	1	Day 22	Chalk& Talk	Direct
23		1 hour	revision	1	Day 23	Chalk& Talk	Direct

24		1 hour	revision	1	Day 24	Chalk& Talk	Direct
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LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA II BVOC****N SANTHOSH KUMAR****PAPER: VIGNANA SIRI -3****WEEKLY 3HOURS****TOTAL 3 HOURS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction to Poetics	1	Day 1	Chalk& Talk	Direct
2		1 hour	Poetics meaning	1	Day 2	Chalk& Talk	Direct
3		1 hour	Yaava kaalada shastravenu helidarenu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Continued last poem	1	Day 4	Chalk& Talk	Direct
5		1 hour	Putta vidhave	1	Day 5	Chalk& Talk	Direct
6		1 hour	Continued last poem	1	Day 6	Chalk& Talk	Direct
7		1 hour	Rangolli Poem	1	Day 7	Chalk& Talk	Direct
8		1 hour	Continued last poem	1	Day 8	Chalk& Talk	Direct
9		1 hour	Mumbai Jhataka	1	Day 9	Chalk& Talk	Direct
10		1 hour	Continued last poem	1	Day 10	Chalk& Talk	Direct
11		1 hour	Aduge maneya hudugi	1	Day 11	Chalk& Talk	Direct
12		1 hour	Nanna Janagalu	1	Day 12	Chalk& Talk	Direct
13	2	1 hour	Nirantara neerigaagi ninthalle ota	1	Day 13	Chalk& Talk	Direct
14		1 hour	Continued last chapter	1	Day 14	Chalk& Talk	Direct
15		1 hour	Continued last chapter	1	Day 15	Chalk& Talk	Direct
16		1 hour	Maahiti tantrajnana , ondhu sthoola nota	1	Day 16	Chalk& Talk	Direct
17		1 hour	Continued last chapter	1	Day 17	Chalk& Talk	Direct
18		1 hour	Continued last chapter	1	Day 18	Chalk& Talk	Direct
19		1 hour	Moodanambikegala beedinalli	1	Day 19	Chalk& Talk	Direct
20		1 hour	Continued last chapter	1	Day 20	Chalk& Talk	Direct
21		1 hour	Continued last chapter	1	Day 21	Chalk& Talk	Direct
22		1 hour	Bedada athitigalu	1	Day 22	Chalk& Talk	Direct
23		1 hour	Continued last chapter	1	Day 23	Chalk& Talk	Direct

24		1 hour	Continued last chapter	1	Day 24	Chalk& Talk	Direct
25	3	1 hour	Adalitha mattu vanijya kannada	1	Day 25	Chalk& Talk	Direct
26		1 hour	Adalitha bhasheyagi kannada swaroompa, lakshana	1	Day 26	Chalk& Talk	Direct
27		1 hour	Continued last chapter	1	Day 27	Chalk& Talk	Direct
28		1 hour	Sarkari patra swaroompa	1	Day 28	Chalk& Talk	Direct
29		1 hour	Adhirutha jnapana mattu sutthole	1	Day 29	Chalk& Talk	Direct
30		1 hour	Continued last chapter	1	Day 30	Chalk& Talk	Direct
31		1 hour	Vividha reetiya arjigalu	1	Day 31	Chalk& Talk	Direct
32		1 hour	Raje, Vethana , Bhadhti ,Padhonnathi	1	Day 32	Chalk& Talk	Direct
33		1 hour	Vaanijya kannadada swaroompa mattu lakshana	1	Day 33	Chalk& Talk	Direct
34		1 hour	Vaanijya patrada vividha angagalu	1	Day 34	Chalk& Talk	Direct
35		1 hour	Vaanijya patragalu- vicharana patra , adesha patra	1	Day 35	Chalk& Talk	Direct
36		1 hour	Udari patra , Vasooli patra	1	Day 36	Chalk& Talk	Direct
37		1 hour	Parichaya patra, Paramashana patra	1	Day 37	Chalk& Talk	Direct
38		1 hour	Vyahaarajjeevana patra, pari ptra	1	Day 38	Chalk& Talk	Direct
39		1 hour	Ganakadalli Kannada	1	Day 39	Chalk& Talk	Direct
40		1 hour	Kannadada antarjala thanagalu	1	Day 40	Chalk& Talk	Direct
41		1 hour	Nudi, Baraha	1	Day 41	Chalk& Talk	Direct
42		1 hour	Paaribhaashika Padagalu	1	Day 42	Chalk& Talk	Direct
43		1 hour	Bhaasantara	1	Day 43	Chalk& Talk	Direct
44		1 hour	Swaroompa mattu lakshana	1	Day 44	Chalk& Talk	Direct
45		1 hour	Kannadinda English, Englishinda Kannada	1	Day 45	Chalk& Talk	Direct
46		1 hour	Vaijakannada swaroompa mathu lakshanagalu	1	Day 46	Chalk& Talk	Direct
47		1 hour	Vanijya pathrada vid=vida anghagalu	1	Day 47	Chalk& Talk	Direct
48		1 hour	Vanijya pathragalu	1	Day 48	Chalk& Talk	Direct
49		1 hour	Vicharana pathra	1	Day 49	Chalk& Talk	Direct
50		1 hour	Adesha pathra	1	Day 50	Chalk& Talk	Direct
51		1 hour	uadhari pathra	1	Day 51	Chalk& Talk	Direct
52		1 hour	vasuli pathra	1	Day 52	Chalk& Talk	Direct
53		1 hour	Vasuli pathrada Madari	1	Day 53	Chalk& Talk	Direct
54		1 hour	Paricahya pathra	1	Day 54	Chalk& Talk	Direct
55		1 hour	Madari Pathra	1	Day 55	Chalk& Talk	Direct
56		1 hour	Paramarshana pathra	1	Day 56	Chalk& Talk	Direct

57		1 hour	Madari Pathra	1	Day 57	Chalk& Talk	Direct
58		1 hour	Vyavarojeevana Pathra	1	Day 58	Chalk& Talk	Direct
59		1 hour	Madari Parthra	1	Day 59	Chalk& Talk	Direct
60		1 hour	Pari Pathra	1	Day 60	Chalk& Talk	Direct
61		1 hour	Madari Pathra	1	Day 61	Chalk& Talk	Direct
62		1 hour	Gnapana pathra	1	Day 62	Chalk& Talk	Direct
63	4	1 hour	Madari Pathra	1	Day 63	Chalk& Talk	Direct
64		1 hour	Adikrutha Gnapana Pathra	1	Day 64	Chalk& Talk	Direct
65		1 hour	Madari Pathra	1	Day 65	Chalk& Talk	Direct
66		1 hour	Revision	1	Day 66	Chalk& Talk	Direct
67		1 hour	Revision	1	Day 67	Chalk& Talk	Direct
68		1 hour	Revision	1	Day 68	Chalk& Talk	Direct
69		1 hour	Question Paper	1	Day 68	Chalk& Talk	Direct
70		1 hour	Question Paper	1	Day 68	Chalk& Talk	Direct

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24 (EVEN Sem)

Programme: B.Sc Programme Code: BZ/CB

Semester: I

Course Title: Diversity of Non Flowering Plants

Course Code: FSB48039

No. of Hours: 30 hours

Faculty Name: N.Gayathri Devi

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit 1 Unit -2	30	Chapter No. 1 Algae – Introduction and historical development in algology.	1.	Chalk & Talk, Group Discusion,Field Visits	Direct / Viva / Written
2			General characteristics and classification of algae, Diversity- habitat, thallus organization,	2.		
3			pigments, reserve food, flagella types,	3.		
4			life-cycle and alternation of generation in Algae.	4.		
5			Distribution of Algae. Chapter No. 2 Morphology and reproduction and life-cycles of Nostoc,	5.		
6			<i>Oedogonium</i> ,	6.		
7			<i>Chara</i> ,	7.		
8			<i>Sargassum</i>	8.		
9			<i>Batrachospermum</i> .	9.		
10			Diatoms and their importance. Blue-green algae-A general account. Algal blooms and toxins.	10.		
11			Chapter No. 3 Algal cultivation- Cultivation of microalgae- <i>Spirulina</i> and <i>Dunaliella</i> ;	11.		
12			Algal cultivation methods in India.	12.		
13			Algal products- Food and Nutraceuticals,	13.		
14			Feed stocks, food colorants; fertilizers,	14.		

15	aquaculture feed; therapeutics and cosmetics; medicines; dietary fibres from algae and uses.,,	15.
16	Chapter No. 4. Bryophytes – General characteristics and classification of Bryophytes,	16.
17	Diversity-habitat, thallus structure, Gametophytes and sporophytes.	17.
18	Chapter No. 5 Distribution, morphology, anatomy, reproduction and life-cycles of <i>Riccia</i> ,	18.
19	<i>Anthoceros</i> ,	19.
20	<i>Funaria</i> .	20.
21	Ecological and economic importance of Bryophytes. Fossil Bryophytes.	21.
22	Chapter No. 6. . Pteridophytes- General characteristics and classification; Structure of sporophytes and life-cycles.	22.
23	Distribution, morphology, anatomy, reproduction and life-cycles in <i>Selaginella</i> ,	23.
24	<i>Selaginella</i> ,	24.
25	<i>Equisetum</i>	25.
26	<i>Equisetum</i>	26.
27	<i>Pteris</i>	27.
28	<i>Pteris</i>	28.
29	<i>Salvinia</i>	29.
30	<i>Salvinia</i>	30.

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Lesson Plan/Session Plan 2023-24 (Even Sem)

Programme: B.Sc

Programme Code: BZ /CB

Semester: IV

Course Title: Ecology & Conservation biology

Course Code: FSD48039

No. of Hours: 30 hours

Faculty Name: N.Gayathri Devi

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit 3	15	Introduction to Ecology and Conservation Biology: Definitions, Principles of Ecology, Brief History, Major Indian Contributions,	1.	Chalk & Talk, Group Discussion, Field Visits	Direct / Viva / Written
2			Scope and importance. Ecological levels of organisation. Ecological factors: Climatic factors:light, temperature, precipitation and humidity.	2.		
3			Edaphic factors: Soil and its types, soil texture, soil profile, soil formation; physico-chemical properties of soil - mineral particle, soil pH,	3.		
4			soil aeration, organic matter, soil humus and soil microorganisms.	4.		
5			Topographic Factors: Altitude	5.		
6			Ecological groups of plants and their adaptations: Morphological and anatomical adaptations of hydrophytes,	6.		
7			xerophytes	7.		
8			epiphytes	8.		
9			halophytes	9.		
10			Ecosystem Ecology: Introduction,types of ecosystems with examples	10.		
11			terrestrial and aquatic, natural and artificial.	11.		

12			Structure of ecosystem: Biotic and Abiotic components,	12.		
13			detailed structure of a pond ecosystem	13.		
14			Ecosystem functions and processes: Food chain-grazing and detritus; Food web.	14.		
15			Ecological pyramids -Pyramids of energy, biomass and number.	15.		
16	Unit 1&2		Principles of Energy flow in ecosystem	16.		
17			Bio-geo chemical cycles: Gaseous cycles -carbon and nitrogen, Sedimentary cycle- Phosphorus	17.		
18			Ecological succession: Definition, types- primary and secondary. General stages of succession. Hydrosere	18.		
19			xerosere.	19.		
20			Community Ecology: Community and its characteristics – frequency, density,	20.		
21			Abundance, cover and basal area, phenology, stratifications, life-forms.	21.		
22			Concept of Ecotone and Ecotypes. Intra-specific and Inter-specific interactions with examples	22.		
23			Ecological methods and techniques: Methods of sampling plant communities – transects and quadrates.	23.		
24			Remote sensing as a tool for vegetation analysis, land use – land cover mapping.	24.		
25			Remote sensing as a tool for vegetation analysis, land use – land cover mapping	25.		
26			Population Ecology: Population and its characteristics – Population density, natality,	26.		
27			Population Ecology: Population and its characteristics –	27.		
28			Population density, natality,	28.		
29			mortality, age distribution,	29.		
30			population growth curves and dispersal	30.		

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Lesson Plan/Session Plan 2023-24 (Even Sem)

Programme: III B.Sc Programme Code: BZ

Semester: VI sem

Course Title: Plant Physiology & Biochemistry

Course Code---FSF480-----

No. of Hours: 30

Faculty Name: Gayathri Devi N

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	UNIT III & IV	15	Definition and classification of plant growth regulators- Hormones.	1.	Chalk & Talk, Group Discussion, Field Visits	Direct / Viva / Written
2			Site of synthesis, biosynthesis pathway and metabolism and influence on plant growth development of individual group of hormone- Auxins,	2.		
3			Gibberlins,	3.		
4			cytokinins, ABA, ethylene.	4.		
5			Synthetic growth regulators- classification, their effect on plant growth and development.	5.		
6			Practical utility of hormones in agriculture and horticulture.	6.		
7			Sensory Photobiology: Biological clocks, photoperiodism	7.		
8			function & structure of phytochromes,	8.		
9			phototropin	9.		
10			Cryptochromes.	10.		
11			Senescence,	11.		
12			Aging & Cell Death (PCD and Autophagosis).	12.		
13			Plant Movements.	13.		
14			Plant Movements.	14.		
15			Plant Movements.	15.		
16			Unit	15		

	4:		Biological nitrogen fixation; Nitrate and ammonia assimilation.	
17			Proteins and amino acids: classification, structure - primary, secondary, tertiary and quaternary.	17.
18			Enzymes- classification, kinetics and mechanism of action.	18.
19			Vitamins - classification, distribution,	19.
20			structure, production, function.	20.
21			Vitamins	21.
22			Vitamins	22.
23			Vitamins	23.
24			Lipid Metabolism: classification,	24.
25			Lipid Metabolism structure,	25.
26			biosynthesis of fatty acids and functions.	26.
27			Secondary plant products: structure, biosynthesis and distribution of terpenes,	27.
28			Phenolics	28.
29			nitrogen containing compounds.	29.
30			nitrogen containing compounds. Contd.	30.

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Lesson Plan/Session Plan- 2023-24 (Even Sem)

Programme: III B.Sc Programme Code: BZ Semester: VI sem

Course Title: Plant Biotechnology

Course Code :FSF482

No. of Hours: 30

Faculty Name: Gayathri Devi N

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	UNIT III	15	Historical perspective	1.	Chalk & Talk, Group Discussion, Field Visits	Direct / Viva / Written
2			Composition of media; Nutrient and hormone requirements (role of vitamins and hormones);	2.		
3			Totipotency;	3.		
4			Organogenesis;	4.		
5			Embryogenesis (somatic and zygotic);	5.		
6			Protoplast isolation, culture and fusion;	6.		
7			Tissue culture applications	7.		
8			micropropagation,	8.		
9			androgenesis	9.		
10			virus elimination	10.		
11			secondary metabolite production,	11.		
12			haploids	12.		
13			triploids and cybrids;	13.		
14			Cryopreservation;	14.		
15			Germplasm Conservation	15.		
16	Unit IV	15	Restriction Endonucleases (History, Types I-IV, biological role and application);	16.		
17			Restriction Endonucleases	17.		
18			Restriction Mapping (Linear and Circular);	18.		
19			Cloning Vectors: Prokaryotic (pUC 18 and pUC19,	19.		
20			pBR322, Ti plasmid, BAC)	20.		
21			Lambda phage, M13 phagemid,	21.		
22			Cosmid, Shuttle vector;	22.		
23			Eukaryotic Vectors (YAC and briefly PAC,).	23.		
24			Eukaryotic Vectors	24.		

		(MAC, HAC).			
25		Gene Cloning (Recombinant DNA, Bacterial Transformation and selection of recombinant clones,)	25.		
26		PCR-mediated gene cloning	26.		
27		Gene Construct; construction of genomic and cDNA libraries, screening,	27.		
28		DNA libraries to obtain gene of interest by genetic selection; complementation	28.		
29		colony hybridization; Probes- oligonucleotide,	29.		
30		heterologous, PCR	30.		

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Lesson Plan/Session Plan 2023-24 (Even Sem)

Programme: B.A

Programme Code:JP/HE

Semester: II

Course Title: PLANT PROPAGATION, NURSERY MANAGEMENT AND GARDENING Course Code: FSA 940

Faculty Name: N. Gayathri Devi

No. of Hours: 39 hrs

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Unit I	13	Definition, objectives and scope and general practices	1	Chalk& Talk	Direct / Viva / Written
2			Building up of infrastructure for nursery	2		
3			planning and seasonal activities.	3		
4			Planting - direct seeding and transplants	4		
5			Soil free/soilless/ synthetic growth mediums for pots and nursery	5		
6			Soil free/soilless/ synthetic growth mediums for pots and nursery Contd.	6		
7			Soil free/soilless/ synthetic growth mediums for pots and nursery Contd.	7		
8			Air-layering, cutting	8		
9			selection of cutting, collecting season, treatment of cutting,	9		
10			rooting medium and planting of cuttings.	10		
11			Hardening of plants	11		
12			Green house, mist chamber, shed root,	12		
13			shade house and glass house.	13		
14	Unit II	10	Definition, objectives and scope. gardening	14		
15			Different types of gardening -	15		
16			landscape and home/terrace gardening	16		
17			parks and its components.	17		
18			Plant materials and design	18		
19			Computer applications in landscaping,	19		
20			Gardening operations: soil laying,	20		
21			manuring,	21		
22			watering, management of pests and diseases and harvesting	22		
23			watering, management of pests and diseases and harvesting	23		
24						

25		Seed dormancy; causes and methods of breaking dormancy.	25		
26		Seed storage: Seed banks,	26		
27		factors affecting seed viability, genetic erosion	27		
28		Seed production technology	28		
29		Seed testing and certification.	29		
30		Transplanting of seedlings - Study of cultivation of different vegetables and flowering plants: cabbage,	30		
31		brinjal, lady's finger	31		
32		tomatoes, carrots, bougainvillea, roses, geranium, ferns, petunia, orchids etc. Storage and marketing procedures. Developing and maintenance of different types of lawns. Bonsai technique.	32		
33		bougainvillea, roses	33		
34		geranium, ferns,	34		
35		petunia, orchids etc	35		
36		Storage and marketing procedures.	36		
37		Developing and maintenance of different types of lawns.	37		
38		Bonsai technique.	38		
39		Bonsai technique. Contd.,	39		

LESSON PLAN/SESSION PLAN – 2023-24 (EVEN SEM)
DEPARTMENT OF KANNADA I BA (OPT) II SEMESTER
N SANTHOSH KUMAR
COURSE CODE-ELB250
PAPER: Bharatiya kavyameemamse
WEEKLY 6 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Aadhunika bhartiya kavyameemamse endare ? introduction.....	1	Day 1	Chalk& Talk	Direct
2		1 hour	Aadhunika bhartiya kavyameemamse Aadhunika bhartiya kavyameemamse ugama,	1	Day 2	Chalk& Talk	Direct
3		1 hour	Aadhunika bhartiya kavyameemamse swaroopa, lakshana	1	Day 3	Chalk& Talk	Direct
4		1 hour	Aadhunika bhartiya kavyameemamse prabhedagalu	1	Day 4	Chalk& Talk	Direct
5		1 hour	Kavyagalalli Aadhunika bhartiya kavyameemamse balake	1	Day 5	Chalk& Talk	Direct
6		1 hour	Praachina kaladinda adhunika kaladavarege	1	Day 6	Chalk& Talk	Direct
7	a	1 hour	Badami shasana da vivara	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kavya poorvadalli Aadhunika bhartiya kavyameemamse shasanagalalli balakeya reeti	1	Day 8	Chalk& Talk	Direct
9		1 hour	Poorvada hale gannada roopagalu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Shabdagala parichaya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Artha vivarane,bhashaa vyatyasa	1	Day 11	Chalk& Talk	Direct
12	b	1 hour	Brajisnu parichaya& shivakotyacharya navivara	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vaddaradhane vysistya,pramukya	1	Day 13	Chalk& Talk	Direct
14		1 hour	Gadya krutiyagi voddaradhane ya mahatva	1	Day 14	Chalk& Talk	Direct
15		1 hour	Agni bhuti-vaayubhuti kathe	1	Day 15	Chalk& Talk	Direct
16		1 hour	Katheya artha vivarane	1	Day 16	Chalk& Talk	Direct
17		1 hour	munduvarike	1	Day 17	Chalk& Talk	Direct
18		1 hour	munduvarike	1	Day 18	Chalk& Talk	Direct

19		1 hour	munduvarike	1	Day 19	Chalk& Talk	Direct
20		1 hour	Bhasha balake gurutisuvike	1	Day 20	Chalk& Talk	Direct
21	c	1 hour	Chavundaraya&kruti parichaya	1	Day 21	Chalk& Talk	Direct
22		1 hour	Trishastilakshana maha purana	1	Day 22	Chalk& Talk	Direct
23		1 hour	Kavyadalli balake yagiruva bhashavyatyasa	1	Day 23	Chalk& Talk	Direct
24		1 hour	Padagala guritisuvike	1	Day 24	Chalk& Talk	Direct
25	d	1 hour	Rudra bhattana&krutigala kalda vivara	1	Day 25	Chalk& Talk	Direct
26		1 hour	Jagannatha vijaya da parichaya	1	Day 26	Chalk& Talk	Direct
27		1 hour	Kavyadalli kalada drustiyinda bhasha balakeya gurutisuvike	1	Day 27	Chalk& Talk	Direct
28		1 hour	charche	1	Day 28	Chalk& Talk	Direct
29	e	1 hour	Durgasimhana & kruti parichaya	1	Day 29	Chalk& Talk	Direct
30		1 hour	Panchatantrada katheya pramukhya	1	Day 30	Chalk& Talk	Direct
31		1 hour	Aadu bhashe, prakruta Mishra kannadada balake	1	Day 31	Chalk& Talk	Direct
32		1 hour	Katheyalli visista padagala gurutisuvike	1	Day 32	Chalk& Talk	Direct
33	f	1 hour	Adhunika poorva dallini krutigala parichaya	1	Day 33	Chalk& Talk	Direct
34		1 hour	Alli kannada bhasha balake patedu kollutidda badalavane	1	Day 34	Chalk& Talk	Direct
35		1 hour	Kempu Narayana na& kruti parichaya	1	Day 35	Chalk& Talk	Direct
36		1 hour	Mudra manjush da ayda bhagadalli kannada bhasha balake	1	Day 36	Chalk& Talk	Direct
37		1 hour	Visista padagala gurutisuvike	1	Day 37	Chalk& Talk	Direct
38	g	1 hour	Muddana na& krytigala parichaya	1	Day 38	Chalk& Talk	Direct
39		1 hour	Hosa gannada da mungoli yagi muddana	1	Day 39	Chalk& Talk	Direct
40		1 hour	Ramashwamedha dinda ayda bhaga arthavivarane	1	Day 40	Chalk& Talk	Direct
41		1 hour	Hosgannada datta tiruguttiruva bhashe ya parichaya	1	Day 41	Chalk& Talk	Direct
42	h	1 hour	Vydehi yavara& krutigala parichaya	1	Day 42	Chalk& Talk	Direct
43		1 hour	Vanimayi krutiya artha vivarane	1	Day 43	Chalk& Talk	Direct
44		1 hour	Tulu mishrita kannada balake	1	Day 44	Chalk& Talk	Direct
45		1 hour	Visista kannada padagala gurutisuvike	1	Day 45	Chalk& Talk	Direct
46	i	1 hour	Sunanda belagovnkarara & krutigala parichaya	1	Day 46	Chalk& Talk	Direct
47		1 hour	Ruchi kathe yalli balake yagiruva Uttara karnatakada bhasheya parichaya	1	Day 47	Chalk& Talk	Direct
48		1 hour	Visista padagala sangraha	1	Day 48	Chalk& Talk	Direct

49	j	1 hour	Devanuru mahadeva ra parichaya	1	Day 49	Chalk& Talk	Direct
50		1 hour	Krutigalalli aavra visita pada/bhasha balake kuritu	1	Day 50	Chalk& Talk	Direct
51		1 hour	Amasa kathe-bhasha balake	1	Day 51	Chalk& Talk	Direct
52		1 hour	Visista padagala gurutisuvike	1	Day 52	Chalk& Talk	Direct
53		1 hour	conclusion	1	Day 53	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II BA IV SEMESTER

N SANTHOSH KUMAR

COURSE CODE-ELD06021/22/23/24/25

PAPER: KALA SIRI - 4

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Aaydakki lakkamma mattu punya sthree kalavveya vachanagalu	1	Day 1	Chalk& Talk	Direct
2		1 hour	Madara chennayya: janapada sharana kavya kruthiyinda	1	Day 2	Chalk& Talk	Direct
3		1 hour	Noor rupayi dudiyo ashtaralli saak sakagtade	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Mahileyanu olgolade	1	Day 4	Chalk& Talk	Direct
5		1 hour	Janapada thripadiglu	1	Day 5	Chalk& Talk	
6		1 hour	Janapada thripadiglu - 1	1	Day 6	Chalk& Talk	Direct
7		1 hour	Kumaravyasa bharathada aayda bhaga	1	Day 7	Chalk& Talk	Direct
8		1 hour	Dhaniyara sathyanarayana	1	Day 8	Chalk& Talk	Direct
9		1 hour	Annakkagi ratriyidee kadaddu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Manasareninnoru varsham baldapare?	1	Day 10	Chalk& Talk	Direct
11	b	1 hour	Manasareninnoru varsham baldapare? - 1	1	Day 11	Chalk& Talk	Direct
12		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 12	Chalk& Talk	Direct
13		1 hour	Namma samskruthiya hemme saladu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Namma samskruthiya hemme saladu - 1	1	Day 14	Chalk& Talk	Direct
15		1 hour	Hagalu irulugala naduve	1	Day 15	Chalk& Talk	Direct
16		1 hour	Munneer benneerane	1	Day 16	Chalk& Talk	Direct

			beresalanna tanneerolave				
17	c	1 hour	Olavadode ropina kotaleyevudo	1	Day 17	Chalk& Talk	Direct
18		1 hour	Kotta kudureyaneralariyade	1	Day 18	Chalk& Talk	Direct
19		1 hour	Bommenahalliya amma mattu chariparanyada pakshigalu	1	Day 19	Chalk& Talk	Direct
20		1hour	Bommenahalliya amma mattu chariparanyada pakshigalu - 1	1	Day 20	Chalk& Talk	Direct
21		1 hour	revision	1	Day 21	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA II BCom B II SEMESTER****N SANTHOSH KUMAR****COURSE CODE-END06001****PAPER: VAANIJYA SIRI -2****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Kadalige kalisida deepa	1	Day 1	Chalk& Talk	Direct
2		1 hour	Halliya hoogalige	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nanna thotagarike	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Sowndarya mattu maibanna	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bhakthiyemba pruthviya mele(vachanagalu)	1	Day 5	ICT	
6		1 hour	Bhoga haridu hogali	1	Day 6	Chalk& Talk	Direct
7		1 hour	Harakegalu (prabandha)	1	Day 7	Chalk& Talk	Direct
8		1 hour	Bhakti hrudaya _ deva nilaya (chinthana)	1	Day 8	Chalk& Talk	Direct
9		1 hour	Gramadevathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nelamoola	1	Day 10	Chalk& Talk	Direct
11	b	1 hour	Kathe kelu gubbakka ninna vyatheya kathe kelu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Besaya, habbagala rangu, babayyana jaathre angadana pathra(manegara_ aatmakathe)	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vanijya pathragalu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Varadigalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Marukatte nirvahaneyalli jahirathugalapatra	1	Day 15	Chalk& Talk	Direct
16	c	1 hour	Udyama lokada sadhakar (J.R.D.Baba, Dr. Vargis kuriyan, N.R.Narayana murthy, ekta Kapoor, rownak sing)	1	Day 16	Chalk& Talk	Direct

17		1 hour	N.R.Narayana murthy	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vidhi vilasanada neramabadeaye.....padya	1	Day 18	Chalk& Talk	Direct
19		1 hour	Amrutamatiyu astavankana hadige mohagonda sannivesha	1	Day 19	Chalk& Talk	Direct
20		1 hour	Viveka heenalagi dootiya mulaka madhyastike	1	Day 20	Chalk& Talk	Direct
21		1 hour	Kaviya udgara	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA II B.COM A****IV SEMESTER****N SANTHOSH KUMAR****COURSE CODE-DMD06001/2/3/4/5/6/7/8****PAPER: : VAANIYA SIRI - 4****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Neervariyindadume kiridendu bageda	1	Day 1	Chalk& Talk	Direct
2		1 hour	Sagaradarshana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rama kanda kadalu	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Kempu kadalina rangina loka	1	Day 4	Chalk& Talk	Direct
5		1 hour	Keertanegalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Keertanegalu - 1	1	Day 6	Chalk& Talk	Direct
7		1 hour	Sarvajnana vachanagalu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Sarvajnana vachanagalu - 1	1	Day 8	Chalk& Talk	Direct
9		1 hour	Nugge gida	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Magane neenintaliye syripenento	1	Day 10	Chalk& Talk	Direct
11		1 hour	Magane neenintaliye syripenento - 1	1	Day 11	Chalk& Talk	Direct
12		1 hour	Ninna kandanondugraphani tindu jeevangaedan	1	Day 12	Chalk& Talk	Direct
13		1 hour	Saavu (lalita prabandha)	1	Day 13	Chalk& Talk	Direct
14		1 hour	Natiyagalu horatavalu duranta nayakiyadalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Rangoli mattu maga	1	Day 15	Chalk& Talk	Direct
16		1 hour	kalchendu	1	Day 16	Chalk& Talk	Direct

17		1 hour	Kalchendu -1	1	Day 17	Chalk& Talk	Direct
18	c	1 hour	Baduku nanagenu kaliside	1	Day 18	Chalk& Talk	Direct
19		1 hour	Bandegala mele chigurodeyabekide	1	Day 19	Chalk& Talk	Direct
20		1 hour	Baduku nanagenu kaliside -1	1	Day 20	Chalk& Talk	Direct
21		1 hour	Baduku nanagenu kaliside -2	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA

I BCom B II SEMESTER

N SANTHOSH KUMAR

course code-ENB06001

PAPER: WEEKLY 4 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1		1 hour	Introduction to hosagannada sahitya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hosagannada sahityada pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nataka prakara beladu banda bage	1	Day 3	Chalk& Talk	Direct
4		1 hour	Greek rudra nataka parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Sophoclis&krutigala parichaya parichaya	1	Day 5	Chalk& Talk	Direct
6		1 hour	Idipas &Antigone natakada katha vastu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Antigone natakada paatra gala parichaya	1	Day 7	Chalk& Talk	Direct
8		1 hour	Theebs aramaneyalli Antigone &ismene sambhashane	1	Day 8	Chalk& Talk	Direct
9		1 hour	Mela davarinda yuddhada vivara	1	Day 9	Chalk& Talk	Direct
10		1 hour	Creyan mattu mela da samvada	1	Day 10	Chalk& Talk	Direct
11		1 hour	Creyan mattu kavalugarana samvada	1	Day 11	Chalk& Talk	Direct
12		1 hour	Munduvavrike	1	Day 12	Chalk& Talk	Direct
13		1 hour	Kavalugarana swagata	1	Day 13	Chalk& Talk	Direct
14		1 hour	Antigoneya bhandana	1	Day 14	Chalk& Talk	Direct
15		1 hour	Creyan mattu antigoneya naduve sambhashane	1	Day 15	Chalk& Talk	Direct

16		1 hour	Ismeneya pravesha	1	Day 16	Chalk& Talk	Direct
17		1 hour	Antigone & ismene ga sshikshe	1	Day 17	Chalk& Talk	Direct
18		1 hour	Melada mathu& hayamonana pravesha	1	Day 18	Chalk& Talk	Direct
19		1 hour	Creyan mattu hayamonana naduve sambhashane	1	Day 19	Chalk& Talk	Direct
20		1 hour	Hayamonanige shiksne	1	Day 20	Chalk& Talk	Direct
21		1 hour	Melada & Antigone naduve sambhashane	1	Day 21	Chalk& Talk	Direct
22		1 hour	Creyan mattu tyreesiyas naduve sambhashane	1	Day 22	Chalk& Talk	Direct
23		1 hour	Creyan madida papada phala	1	Day 23	Chalk& Talk	Direct
24		1 hour	Cryananige meladinda buddhi matu	1	Day 24	Chalk& Talk	Direct
25		1 hour	Hayamon na savu yuuridisi ya pravesha	1	Day 25	Chalk& Talk	Direct
26		1 hour	Dootaninada styada spota	1	Day 26	Chalk& Talk	Direct
27		1 hour	Greyanana aakrandana	1	Day 27	Chalk& Talk	Direct
28		1 hour	Yuuridisala saavu	1	Day 28	Chalk& Talk	Direct
29		1 hour	Meladinda natakadalli durantakke karanada vivara	1	Day 29	Chalk& Talk	Direct
30		1 hour	Elli vivekavide aalli soukhyavide--mela	1	Day 30	Chalk& Talk	Direct
31		1 hour	conclusion	1	Day 31	Chalk& Talk	Direct
32		1 hour	revision	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II B.Com C IV SEMESTER

N SANTHOSH KUMAR

COURSE CODE-CDD06001

PAPER: HALAGANNADA PADYA MATTU GADYA

WEEKLY 2 HOURS – 2 CREDITS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction to Halagannada sahitya charitre	1	Day 1	Chalk& Talk	Direct
2		1 hour	sahitya charitre ya pramukyate	1	Day 2	Chalk& Talk	Direct
3		1 hour	Uddesha hinnele	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Brajisnu & shivakotyacharyana parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Samskrutikavagi voddaradhaneya pramukhya	1	Day 5	Chalk& Talk	Direct
6		1 hour	Gambheereemba vrdha sthreeya kathe	1	Day 6	Chalk& Talk	Direct
7		1 hour	Katheya munduvarike&vrudheya janme	1	Day 7	Chalk& Talk	Direct
8	b	1 hour	Adikavi Pampana &krutigala parichaya	1	Day 8	Chalk& Talk	Direct
9		1 hour	Karna duryodhanara sneha	1	Day 9	Chalk& Talk	Direct
10		1 hour	Krishnana bhedopaya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Satyantapamuniya kathe	1	Day 11	Chalk& Talk	Direct
12		1 hour	Karnana janmarahasya spota	1	Day 12	Chalk& Talk	Direct
13		1 hour	Bhanumatiyondigina pagadeyata da prasanga	1	Day 13	Chalk& Talk	Direct
14		1 hour	Karnana niishte Krishna na solu	1	Day 14	Chalk& Talk	Direct
15	c	1 hour	Rannana&krutigala parichaya	1	Day 15	Chalk& Talk	Direct
16		1 hour	Gadayuddha da katha vastu	1	Day 16	Chalk& Talk	Direct

17		1 hour	Vyshampayana sarovaradalli adagida duryodhana	1	Day 17	Chalk& Talk	Direct
18		1 hour	Pandavara muudalike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Kopodrikta nada duryodhana	1	Day 19	Chalk& Talk	Direct
20		1 hour	Neerolagirdu bemarda duryodhana	1	Day 20	Chalk& Talk	Direct
21	d	1 hour	NAGA CHANDRANA parichaya	1	Day 21	Chalk& Talk	Direct
22		1 hour	Ramachandra charita puranada vysistya	1	Day 22	Chalk& Talk	Direct
23		1 hour	Ramanam kottapem seeteyam	1	Day 23	Chalk& Talk	Direct
24		1 hour	Padyada munduvarike	1	Day 24	Chalk& Talk	Direct
25		1 hour	Seetaya nirakarane	1	Day 25	Chalk& Talk	Direct
26		1 hour	Ravana atmagovravakke dhakke	1	Day 26	Chalk& Talk	Direct
27		1 hour	Aatma vmershe & nirdhara	1	Day 27	Chalk& Talk	Direct
28	e	1 hour	1 ne nagavarmana& kruti parichaya	1	Day 28	Chalk& Talk	Direct
29		1 hour	Chandra peedana kudureya nagalota	1	Day 29	Chalk& Talk	Direct
30		1 hour	Sangeetada selata& himbalisuvike	1	Day 30	Chalk& Talk	Direct
31		1 hour	Maha shweteya divya roopada darshana	1	Day 31	Chalk& Talk	Direct
32		1 hour	Kovtukada lli mulugida chandrapida	1	Day 32	Chalk& Talk	Direct
33	f	1 hour	Jannana&krutigala parichaya	1	Day 33	Chalk& Talk	Direct
34		1 hour	Yashodara chariteya kathavastu	1	Day 34	Chalk& Talk	Direct
35		1 hour	Vidhi vilasanada neramabadeaye.....padya	1	Day 35	Chalk& Talk	Direct
36		1 hour	Amrutamatiyu astavankana hadige mohagonda sannivesha	1	Day 36	Chalk& Talk	Direct
37		1 hour	Viveka heenalagi dootiya mulaka madhyastike	1	Day 37	Chalk& Talk	Direct
38		1 hour	Kaviya udgara	1	Day 38	Chalk& Talk	Direct
39		1 hour	conclusion	1	Day 39	Chalk& Talk	Direct
40		1 hour	revision	1	Day 40	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I BSc NS A II SEMESTER

N SANTHOSH KUMAR

COURSECODE-DMB06001/2/3/4/5/6/7/8

PAPER:

WEEKLY 2 HOURS – 2 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction to hosagannada sahitya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hosagannada sahityada pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nataka prakara beladu banda bage	1	Day 3	Chalk& Talk	Direct
4		1 hour	Kuvempu & krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Ramayanada shambukana kathavastu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Bhavabhuutiya Uttara ramacharitada kathavastu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Kuvempu avru madikondiruva maarpadu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Shambukana aashramadalli ashaanti	1	Day 8	Chalk& Talk	Direct
9		1 hour	Vraksha bhairavana krodha	1	Day 9	Chalk& Talk	Direct
10		1 hour	Vraksha bhairava &mrutyu devateya naduve sambhashane	1	Day 10	Chalk& Talk	Direct
11		1 hour	Brahmanana rodana putrana mrtyu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Ramana balige nyaya& putrana prana bhikshe gagi	1	Day 12	Chalk& Talk	Direct
13		1 hour	Rama mattu Brahmana na samvada	1	Day 13	Chalk& Talk	Direct
14		1 hour	Brahmana nige abhaya	1	Day 14	Chalk& Talk	Direct
15		1 hour	Shambhuuka vana pravesha	1	Day 15	Chalk& Talk	Direct
16		1 hour	Rama mattu Brahmana naduve	1	Day 16	Chalk& Talk	Direct

			dheerga charche				
17		1 hour	Dharma sukshma da vada	1	Day 17	Chalk& Talk	Direct
18	c	1 hour	Brahmana na vitanda vada	1	Day 18	Chalk& Talk	Direct
19		1 hour	Brahmastrada prayagakke sajjada ramaa	1	Day 19	Chalk& Talk	Direct
20		1 hour	Agnani Brahmana na bembattida astra	1	Day 20	Chalk& Talk	Direct
21		1 hour	Vivekada udaya vagi rmanalli kshama pane kelida brahmana	1	Day 21	Chalk& Talk	Direct
22		1 hour	Brahmananige tiluvalike needida Rama	1	Day 22	Chalk& Talk	Direct
23		1 hour	Echharagonda balaka	1	Day 23	Chalk& Talk	Direct
24		1 hour	Sukhantya gonad sannivesha	1	Day 24	Chalk& Talk	Direct
25		1 hour	conclson	1	Day 25	Chalk& Talk	Direct
26		1 hour	revision	1	Day 26	Chalk& Talk	Direct
27		1 hour	revision	1	Day 27	Chalk& Talk	Direct
28		1 hour	revision	1	Day 28	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I Bcom A II SEMESTER

N SANTHOSH KUMAR

COURSE CODE-ENB06001

PAPER: :

WEEKLY 4 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction to hosagannada sahitya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hosagannada sahityada pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nataka prakara beladu banda bage	1	Day 3	Chalk& Talk	Direct
4		1 hour	Greek rudra nataka parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Sophoclis&krutigala parichaya parichaya	1	Day 5	ICT	
6		1 hour	Idipas &Antigone natakada katha vastu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Antigone natakada paatra gala parichaya	1	Day 7	Chalk& Talk	Direct
8		1 hour	Theebs aramaneyalli Antigone &ismene sambhashane	1	Day 8	Chalk& Talk	Direct
9		1 hour	Mela davarinda yuddhada vivara	1	Day 9	Chalk& Talk	Direct
10		1 hour	Creyan mattu mela da samvada	1	Day 10	Chalk& Talk	Direct
11		1 hour	Creyan mattu	1	Day 11	Chalk& Talk	Direct

			kavalugarana samvada				
12		1 hour	Munduvavike	1	Day 12	Chalk& Talk	Direct
13		1 hour	Kavalugarana swagata	1	Day 13	Chalk& Talk	Direct
14	2	1 hour	Antigoneya bhandana	1	Day 14	Chalk& Talk	Direct
15		1 hour	Creyan mattu antigoneya naduve sambhashane	1	Day 15	Chalk& Talk	Direct
16		1 hour	Ismeneya pravesha	1	Day 16	Chalk& Talk	Direct
17		1 hour	Antigone & ismene ga sshikshe	1	Day 17	Chalk& Talk	Direct
18		1 hour	Melada mathu& hayamonana pravesha	1	Day 18	Chalk& Talk	Direct
19		1 hour	Creyan mattu hayamonana naduve sambhashane	1	Day 19	Chalk& Talk	Direct
20		1 hour	Hayamonanige shiksne	1	Day 20	Chalk& Talk	Direct
21		1 hour	Melada & Antigone naduve sambhashane	1	Day 21	Chalk& Talk	Direct
22		1 hour	Creyan mattu tyreesiyas naduve sambhashane	1	Day 22	Chalk& Talk	Direct
23		1 hour	Creyan madida papada phala	1	Day 23	Chalk& Talk	Direct
24		1 hour	Cryananige meladinda buddhi matu	1	Day 24	Chalk& Talk	Direct
25		1 hour	Hayamon na savu yuuridisi ya pravesha	1	Day 25	Chalk& Talk	Direct
26		1 hour	Dootaninada styada spota	1	Day 26	Chalk& Talk	Direct
27		1 hour	Greyanana aakrandana	1	Day 27	Chalk& Talk	Direct
28		1 hour	Yuuridisala saavu	1	Day 28	Chalk& Talk	Direct
29		1 hour	Meladinda natakadalli durantakke karanada vivara	1	Day 29	Chalk& Talk	Direct
30		1 hour	Elli vivekavide aalli soukhyavide--mela	1	Day 30	Chalk& Talk	Direct
31		1 hour	conclusion	1	Day 31	Chalk& Talk	Direct
32		1 hour	revision	1	Day 32	Chalk& Talk	Direct

`LESSON PLAN/SESSION PLAN – 2023-24 (EVEN SEM)
DEPARTMENT OF KANNADA III BA (OPT) II SEMESTER
Dr. C R MADHUSUDHAN
COURSE CODE-ELB250
PAPER: Bharatiya kavyameemamse
WEEKLY 3 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Aadhunika bharatiya kavyameemamse endare ? introduction.....	1	Day 1	Chalk& Talk	Direct
2		1 hour	Aadhunika bharatiya kavyameemamse Aadhunika bharatiya kavyameemamse ugama,	1	Day 2	Chalk& Talk	Direct
3		1 hour	Aadhunika bharatiya kavyameemamse swarooma, lakshana	1	Day 3	Chalk& Talk	Direct
4		1 hour	Aadhunika bharatiya kavyameemamse prabhedagalu	1	Day 4	Chalk& Talk	Direct
5		1 hour	Kavyagalalli Aadhunika bharatiya kavyameemamse balake	1	Day 5	Chalk& Talk	Direct
6		1 hour	Praachina kaladinda adhunika kaladavarege	1	Day 6	Chalk& Talk	Direct
7	a	1 hour	Badami shasana da vivara	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kavya poorvadalli Aadhunika bharatiya kavyameemamse shasanagalalli balakeya reeti	1	Day 8	Chalk& Talk	Direct
9		1 hour	Poorvada hale gannada roopagalu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Shabdagala parichaya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Artha vivarane,bhashaa vyatyasa	1	Day 11	Chalk& Talk	Direct
12	b	1 hour	Brajisnu parichaya& shivakotyacharya navivara	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vaddaradhane vysistya,pramukya	1	Day 13	Chalk& Talk	Direct
14		1 hour	Gadya krutiyaagi voddaradhane ya mahatva	1	Day 14	Chalk& Talk	Direct
15		1 hour	Agni bhuti-vaayubhuti kathe	1	Day 15	Chalk& Talk	Direct
16		1 hour	Katheya artha vivarane	1	Day 16	Chalk& Talk	Direct
17		1 hour	munduvarike	1	Day 17	Chalk& Talk	Direct
18		1 hour	munduvarike	1	Day 18	Chalk& Talk	Direct

19		1 hour	munduvarike	1	Day 19	Chalk& Talk	Direct
20		1 hour	Bhasha balake gurutisuvike	1	Day 20	Chalk& Talk	Direct
21	c	1 hour	Chavundaraya&kruti parichaya	1	Day 21	Chalk& Talk	Direct
22		1 hour	Trishastilakshana maha purana	1	Day 22	Chalk& Talk	Direct
23		1 hour	Kavyadalli balake yagiruva bhashavyatyasa	1	Day 23	Chalk& Talk	Direct
24		1 hour	Padagala gurutisuvike	1	Day 24	Chalk& Talk	Direct
25	d	1 hour	Rudra bhattana&krutigala kalda vivara	1	Day 25	Chalk& Talk	Direct
26		1 hour	Jagannatha vijaya da parichaya	1	Day 26	Chalk& Talk	Direct
27		1 hour	Kavyadalli kalada drustiyinda bhasha balakeya gurutisuvike	1	Day 27	Chalk& Talk	Direct
28		1 hour	charche	1	Day 28	Chalk& Talk	Direct
29	e	1 hour	Durgasimhana & kruti parichaya	1	Day 29	Chalk& Talk	Direct
30		1 hour	Panchatantrada katheya pramukhya	1	Day 30	Chalk& Talk	Direct
31		1 hour	Aadu bhashe, prakruta Mishra kannadada balake	1	Day 31	Chalk& Talk	Direct
32		1 hour	Katheyalli visista padagala gurutisuvike	1	Day 32	Chalk& Talk	Direct
33	f	1 hour	Adhunika poorva dallini krutigala parichaya	1	Day 33	Chalk& Talk	Direct
34		1 hour	Alli kannada bhasha balake padedu kollutidda badalavane	1	Day 34	Chalk& Talk	Direct
35		1 hour	Kempu Narayana na& kruti parichaya	1	Day 35	Chalk& Talk	Direct
36		1 hour	Mudra manjush da ayda bhagadalli kannada bhasha balake	1	Day 36	Chalk& Talk	Direct
37		1 hour	Visista padagala gurutisuvike	1	Day 37	Chalk& Talk	Direct
38	g	1 hour	Muddana na& krytigala parichaya	1	Day 38	Chalk& Talk	Direct
39		1 hour	Hosa gannada da mungoli yagi muddana	1	Day 39	Chalk& Talk	Direct
40		1 hour	Ramashwamedha dinda ayda bhaga arthavivarane	1	Day 40	Chalk& Talk	Direct
41		1 hour	Hosgannada datta tiruguttiruva bhashe ya parichaya	1	Day 41	Chalk& Talk	Direct
42	h	1 hour	Vydehi yavara& krutigala parichaya	1	Day 42	Chalk& Talk	Direct
43		1 hour	Vanimayi krutiya artha vivarane	1	Day 43	Chalk& Talk	Direct
44		1 hour	Tulu mishrita kannada balake	1	Day 44	Chalk& Talk	Direct
45		1 hour	Visista kannada padagala gurutisuvike	1	Day 45	Chalk& Talk	Direct
46	i	1 hour	Sunanda belagovnkarara & krutigala parichaya	1	Day 46	Chalk& Talk	Direct
47		1 hour	Ruchi kathe yalli balake yagiruva Uttara karnatakada bhasheya parichaya	1	Day 47	Chalk& Talk	Direct
48		1 hour	Visista padagala sangraha	1	Day 48	Chalk& Talk	Direct
49	j	1 hour	Devanuru mahadeva ra parichaya	1	Day 49	Chalk& Talk	Direct
50		1 hour	Krutigalalli aavra visita pada/bhasha balake kuritu	1	Day 50	Chalk& Talk	Direct

51		1 hour	Amasa kathe-bhasha balake	1	Day 51	Chalk& Talk	Direct
52		1 hour	Visista padagala gurutisuvi	1	Day 52	Chalk& Talk	Direct
53		1 hour	conclusion	1	Day 53	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II BA B IV SEMESTER

Dr. C R MADHUSUDHAN

COURSE CODE-ELD06021/22/23/24/25

PAPER: KALA SIRI - 4

WEEKLY 2 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Aaydaki lakkamma mattu punya sthree kalavveya vachanagalu	1	Day 1	Chalk& Talk	Direct
2		1 hour	Madara chennayya: janapada sharana kavya kruthiyinda	1	Day 2	Chalk& Talk	Direct
3		1 hour	Noor rupayi dudiyo ashtaralli saak sakagtade	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Mahileyanu olgolade	1	Day 4	Chalk& Talk	Direct
5		1 hour	Janapada thripadiglu	1	Day 5	Chalk& Talk	
6		1 hour	Janapada thripadiglu - 1	1	Day 6	Chalk& Talk	Direct
7		1 hour	Kumaravyasa bharathada aayda bhaga	1	Day 7	Chalk& Talk	Direct
8		1 hour	Dhaniyara sathyanarayana	1	Day 8	Chalk& Talk	Direct
9		1 hour	Annakkagi ratriyidee kadaddu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Manasareninnoru varsham baldapare?	1	Day 10	Chalk& Talk	Direct
11	b	1 hour	Manasareninnoru varsham baldapare? - 1	1	Day 11	Chalk& Talk	Direct
12		1 hour	Dadigavenangalane metti mellane nadedam	1	Day 12	Chalk& Talk	Direct
13		1 hour	Namma samskruthiya hemme saladu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Namma samskruthiya hemme saladu - 1	1	Day 14	Chalk& Talk	Direct
15		1 hour	Hagalu irulugala naduve	1	Day 15	Chalk& Talk	Direct
16		1 hour	Munneer benneerane beresalanna tanneerolave	1	Day 16	Chalk& Talk	Direct
17	c	1 hour	Olavadode ropina kotaleyevudo	1	Day 17	Chalk& Talk	Direct

18		1 hour	Kotta kudureyaneralariyade	1	Day 18	Chalk& Talk	Direct
19		1 hour	Bommenahalliya amma mattu chariparanyada pakshigalu	1	Day 19	Chalk& Talk	Direct
20		1hour	Bommenahalliya amma mattu chariparanyada pakshigalu - 1	1	Day 20	Chalk& Talk	Direct
21		1 hour	revision	1	Day 21	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I BCom C II SEMESTER

Dr. C R MADHUSUDHAN

COURSE CODE-END06001

PAPER: VAANIJYA SIRI -2

WEEKLY 1 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Kadalige kalisida deepa	1	Day 1	Chalk& Talk	Direct
2		1 hour	Halliya hoogalige	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nanna thotagarike	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Sowndarya mattu maibanna	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bhakthiyemba pruthviya mele(vachanagalu)	1	Day 5	ICT	
6		1 hour	Bhoga haridu hogali	1	Day 6	Chalk& Talk	Direct
7		1 hour	Harakegalu (prabandha)	1	Day 7	Chalk& Talk	Direct
8		1 hour	Bhakti hrudaya _ deva nilaya (chinthana)	1	Day 8	Chalk& Talk	Direct
9		1 hour	Gramadevathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nelamoola	1	Day 10	Chalk& Talk	Direct
11	b	1 hour	Kathe kelu gubbakka ninna vyatheya kathe kelu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Besaya, habbagala rangu, babayyana jaathre angadana pathra(manegara_ aatmakathe)	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vanijya pathragalu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Varadigalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Marukatte nirvahaneyalli jahirathugalapatra	1	Day 15	Chalk& Talk	Direct
16	c	1 hour	Udyama lokada sadhakar (J.R.D.Baba, Dr. Vargis kuriyan, N.R.Narayana murthy, ekta Kapoor, rownak sing)	1	Day 16	Chalk& Talk	Direct
17		1 hour	N.R.Narayana murthy	1	Day 17	Chalk& Talk	Direct

18		1 hour	Vidhi vilasanada neramabadeaye.....padya	1	Day 18	Chalk& Talk	Direct
19		1 hour	Amrutamatiyu astavankana hadige mohagonda sannivesha	1	Day 19	Chalk& Talk	Direct
20		1 hour	Viveka heenalagi dootiya mulaka madhyastike	1	Day 20	Chalk& Talk	Direct
21		1 hour	Kaviya udgara	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II B.COM C

IV SEMESTER

Dr. C R MADHUSUDHAN

COURSE CODE-DMD06001/2/3/4/5/6/7/8

PAPER: : VAANIYA SIRI - 4

WEEKLY 1 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Neervariyindadume kiridendu bageda	1	Day 1	Chalk& Talk	Direct
2		1 hour	Sagaradarshana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rama kanda kadalu	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Kempu kadalina rangina loka	1	Day 4	Chalk& Talk	Direct
5		1 hour	Keertanegalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Keertanegalu - 1	1	Day 6	Chalk& Talk	Direct
7		1 hour	Sarvajnana vachanagalu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Sarvajnana vachanagalu - 1	1	Day 8	Chalk& Talk	Direct
9		1 hour	Nugge gida	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Magane neenintaliye syripenento	1	Day 10	Chalk& Talk	Direct
11		1 hour	Magane neenintaliye syripenento - 1	1	Day 11	Chalk& Talk	Direct
12		1 hour	Ninna kandanondugraphani tindu jeevangaedan	1	Day 12	Chalk& Talk	Direct
13		1 hour	Saavu (lalita prabandha)	1	Day 13	Chalk& Talk	Direct
14		1 hour	Natiyagalu horatavalu duranta nayakiyadalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Rangoli mattu maga	1	Day 15	Chalk& Talk	Direct
16		1 hour	kalchendu	1	Day 16	Chalk& Talk	Direct
17		1 hour	Kalchendu -1	1	Day 17	Chalk& Talk	Direct
18	c	1 hour	Baduku nanagenu kaliside	1	Day 18	Chalk& Talk	Direct
19		1 hour	Bandegala mele chigurodeyabekide	1	Day 19	Chalk& Talk	Direct

20		1 hour	Baduku nanagenu kaliside -1	1	Day 20	Chalk& Talk	Direct
21		1 hour	Baduku nanagenu kaliside -2	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I BCom B II SEMESTER

Dr. C R MADHUSUDHAN

course code-ENB06001

PAPER: WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1		1 hour	Kadalige kalisida deepa	1	Day 1	Chalk& Talk	Direct
2		1 hour	Halliya hoogalige	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nanna thotagarike	1	Day 3	Chalk& Talk	Direct
4		1 hour	Sowndarya mattu maibanna	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bhakthiyemba pruthviya mele(vachanagalu)	1	Day 5	Chalk& Talk	Direct
6		1 hour	Bhoga haridu hogali	1	Day 6	Chalk& Talk	Direct
7		1 hour	Harakegalu (prabandha)	1	Day 7	Chalk& Talk	Direct
8		1 hour	Bhakti hrudaya _ deva nilaya (chinthana)	1	Day 8	Chalk& Talk	Direct
9		1 hour	Gramadevathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nelamoola	1	Day 10	Chalk& Talk	Direct
11		1 hour	Kathe kelu gubbakka ninna vyatheya kathe kelu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Besaya, habbagala rangu, babayyana jaathre angadana pathra(manegara_ aatmakathe)	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vanijya pathragalu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Varadigalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Marukatte nirvahaneyalli jahirathugalapatra	1	Day 15	Chalk& Talk	Direct
16		1 hour	Udyama lokada sadhakar (J.R.D.Baba, Dr. Vargis kuriyan, N.R.Narayana murthy, ekta Kapoor, rownak sing)	1	Day 16	Chalk& Talk	Direct
17		1 hour	N.R.Narayana murthy	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vidhi vilasanada neramabadeaye.....padya	1	Day 18	Chalk& Talk	Direct
19		1 hour	Amrutamatiyu astavankana hadige mohagonda sannivesha	1	Day 19	Chalk& Talk	Direct
20		1 hour	Viveka heenalagi dootiya mulaka	1	Day 20	Chalk& Talk	Direct

			madhyastike				
21		1 hour	Kaviya udgara	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II B.Com A IV SEMESTER

Dr. C R MADHUSUDHAN

COURSE CODE-CDD06001

PAPER: VANIJYA SIRI - 4

WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Neervariyindadume kiridendu bageda	1	Day 1	Chalk& Talk	Direct
2		1 hour	Sagaradarshana	1	Day 2	Chalk& Talk	Direct
3		1 hour	Rama kanda kadalu	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Kempu kadalina rangina loka	1	Day 4	Chalk& Talk	Direct
5		1 hour	Keertanegalu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Keertanegalu - 1	1	Day 6	Chalk& Talk	Direct
7		1 hour	Sarvajnana vachanagalu	1	Day 7	Chalk& Talk	Direct
8	b	1 hour	Sarvajnana vachanagalu - 1	1	Day 8	Chalk& Talk	Direct
9		1 hour	Nugge gida	1	Day 9	Chalk& Talk	Direct
10		1 hour	Magane neenintaliye syripenento	1	Day 10	Chalk& Talk	Direct
11		1 hour	Magane neenintaliye syripenento - 1	1	Day 11	Chalk& Talk	Direct
12		1 hour	Ninna kandanondugraphani tindu jeevangaedan	1	Day 12	Chalk& Talk	Direct
13		1 hour	Saavu (lalita prabandha)	1	Day 13	Chalk& Talk	Direct
14		1 hour	Natiyagalu horatavalu duranta nayakiyadalu	1	Day 14	Chalk& Talk	Direct
15	c	1 hour	Rangoli mattu maga	1	Day 15	Chalk& Talk	Direct
16		1 hour	kalchendu	1	Day 16	Chalk& Talk	Direct
17		1 hour	Kalchendu -1	1	Day 17	Chalk& Talk	Direct
18		1 hour	Baduku nanagenu kaliside	1	Day 18	Chalk& Talk	Direct

19		1 hour	Bandegala mele chigurodeyabekide	1	Day 19	Chalk& Talk	Direct
20		1 hour	Baduku nanagenu kaliside -1	1	Day 20	Chalk& Talk	Direct
21	d	1 hour	Baduku nanagenu kaliside -2	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I BSc NS A II SEMESTER

Dr. C R MADHUSUDHAN

COURSECODE-DMB06001/2/3/4/5/6/7/8

PAPER: VIGNANA SIRI - 2

WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Sambalada sanje	1	Day 1	Chalk& Talk	Direct
2		1 hour	Avva	1	Day 2	Chalk& Talk	Direct
3		1 hour	Chandrana bombe patagalu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Nanu nilluve evarest ettaradi !	1	Day 4	Chalk& Talk	Direct
5		1 hour	Thirukana kanasu	1	Day 5	Chalk& Talk	Direct
6		1 hour	Ella hudigiyara kanasu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Ondu huduganige bidda kanasu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kanasu kaniri	1	Day 8	Chalk& Talk	Direct
9		1 hour	Thenkana galiyata	1	Day 9	Chalk& Talk	Direct
10		1 hour	Male	1	Day 10	Chalk& Talk	Direct
11		1 hour	Bara	1	Day 11	Chalk& Talk	Direct
12		1 hour	Aadre maleli adavne ganda	1	Day 12	Chalk& Talk	Direct
13		1 hour	Goonamma medicine	1	Day 13	Chalk& Talk	Direct
14		1 hour	Aralida lesargalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Kannada thanthraganada bhasheyagideye?	1	Day 15	Chalk& Talk	Direct
16		1 hour	Mahithi thanhtrajana mattu kannada	1	Day 16	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I Bcom B II SEMESTER

Dr. C R MADHUSUDHAN

COURSE CODE-ENB06001

PAPER: : VANIJYA SIRI - 2

WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Kadalige kalisida deepa	1	Day 1	Chalk& Talk	Direct
2		1 hour	Halliya hoogalige	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nanna thotagarike	1	Day 3	Chalk& Talk	Direct
4		1 hour	Sowndarya mattu maibanna	1	Day 4	Chalk& Talk	Direct
5		1 hour	Bhakthiyemba pruthviya mele(vachanagalu)	1	Day 5	ICT	
6		1 hour	Bhoga haridu hogali	1	Day 6	Chalk& Talk	Direct
7		1 hour	Harakegalu (prabandha)	1	Day 7	Chalk& Talk	Direct
8		1 hour	Bhakti hrudaya _deva nilaya (chinthana)	1	Day 8	Chalk& Talk	Direct
9		1 hour	Gramadevathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nelamoola	1	Day 10	Chalk& Talk	Direct
11		1 hour	Kathe kelu gubbakka ninna vyatheya kathe kelu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Besaya, habbagala rangu, babayyana jaathre angadana pathra(manegara _aatmakathe)	1	Day 12	Chalk& Talk	Direct
13		1 hour	Vanijya pathragalu	1	Day 13	Chalk& Talk	Direct
14	2	1 hour	Varadigalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Marukatte nirvahaneyalli jahirathugalapatra	1	Day 15	Chalk& Talk	Direct
16		1 hour	Udyama lokada	1	Day 16	Chalk& Talk	Direct

			sadhakaru (J.R.D.Baba, Dr. Vargis kuriyan, N.R.Narayana murthy, ekta Kapoor, rownak sing)				
17		1 hour	N.R.Narayana murthy	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vidhi vilasanada neramabadeaye.....pady a	1	Day 18	Chalk& Talk	Direct
19		1 hour	Amrutamatiyu astavankana hadige mohagonda sannivesha	1	Day 19	Chalk& Talk	Direct
20		1 hour	Viveka heenalagi dootiya mulaka madhyastike	1	Day 20	Chalk& Talk	Direct
21		1 hour	Kaviya udgara	1	Day 21	Chalk& Talk	Direct
22		1 hour	conclusion	1	Day 22	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24 (ODD)
DEPARTMENT OF KANNADA I BA B I SEMESTER
Dr .C R MADHUSUDHAN
PAPER: KALA SIRI -1
WEEKLY: 3HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Bharateeya kavya meemamse	1	Day 1	Chalk& Talk	Direct
2		1 hour	Kavya prayojanagalu	1	Day 2	Chalk& Talk	Direct
3		1 hour	Kavi sahrudaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Kavyada akara parikaragalu	1	Day 4	Chalk& Talk	Direct
5		1 hour	Alankara siddantha	1	Day 5	Chalk& Talk	Direct
6		1 hour	Pramukha alankaragalu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Dhvani siddantha	1	Day 7	Chalk& Talk	Direct
8		1 hour	Rasa siddhantha	1	Day 8	Chalk& Talk	Direct
9		1 hour	Rasa prabedhagalu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Aouchithya siddantha	1	Day 10	Chalk& Talk	Direct
11		1 hour	Continued last chapter	1	Day 11	Chalk& Talk	Direct
12		1 hour	Continued last chapter	1	Day 12	Chalk& Talk	Direct
13	2	1 hour	Kavirajamarga	1	Day 13	Chalk& Talk	Direct
14		1 hour	Kavirajamarga	1	Day 14	Chalk& Talk	Direct
15		1 hour	Kavirajamarga	1	Day 15	Chalk& Talk	Direct
16		1 hour	Vaddaradhane	1	Day 16	Chalk& Talk	Direct

17		1 hour	Continued last chapter	1	Day 17	Chalk& Talk	Direct
18	3	1 hour	Ranna	1	Day 18	Chalk& Talk	Direct
19		1 hour	Ajithateertanakara purana	1	Day 19	Chalk& Talk	Direct
20		1 hour	continued	1	Day 20	Chalk& Talk	Direct
21		1 hour	Gadhayudda	1	Day 21	Chalk& Talk	Direct
22		1 hour	continued	1	Day 22	Chalk& Talk	Direct
23		1 hour	Ponna	1	Day 23	Chalk& Talk	Direct
24		1 hour	Continued last chapter	1	Day 24	Chalk& Talk	Direct
25		1 hour	Janna	1	Day 25	Chalk& Talk	Direct
26		1 hour	Continued last chapter	1	Day 26	Chalk& Talk	Direct
27		1 hour	Yashodara charitre	1	Day 27	Chalk& Talk	Direct
28		1 hour	Continued last chapter	1	Day 28	Chalk& Talk	Direct
29	4	1 hour	Nagachandra	1	Day 29	Chalk& Talk	Direct
30		1 hour	contoinued	1	Day 30	Chalk& Talk	Direct
31		1 hour	Ramachandra charita purana	1	Day 31	Chalk& Talk	Direct
32		1 hour	continued	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA II BA A III SEMESTER****Dr .C R MADHUSUDHAN****course code-ELA06021/22/23/24/25/26****PAPER: KALA SIRI -3****WEEKLY 3 HOURS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Nadugannada sahyada hinnele				
2		1 hour	Prabhaava ,prerane ,vysistya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Jaimini bharaatada katha vastu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Lakhsmeeshana &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Chanadrasahana kathe	1	Day 5	ICT	
6		1 hour	Yagada kudure vindya parvata daatiddu	1	Day 6	Chalk& Talk	Direct
7		1 hour	Shishira rutu varnane	1	Day 7	Chalk& Talk	Direct
8		1 hour	Yagada kudure iddakkiddante naapatte yaguvudu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Naradamaharshi galu kanisikonduru parihara tilisikathe aarambhisiddu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kelraladeshada avnipanige magu janana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Satrugala aakramana,rajana saavu,thaayiya sahaagana	1	Day 11	Chalk& Talk	Direct

12		1 hour	Dhatiyu magavannu rakshisi kuntala purakke bandiddu	1	Day 12	Chalk& Talk	Direct
13		1 hour	Bhikshe bedi maguvannu poredaddu	1	Day 13	Chalk& Talk	Direct
14		1 hour	Avla saavina nantara paraputtanagi beledaddu	1	Day 14	Chalk& Talk	Direct
15		1 hour	Dustbuddhi shishuvannu kollalu sanchu	1	Day 15	Chalk& Talk	Direct
16		1 hour	Beteya varnane,kulindakanige kadinalli shishu doretaddu	1	Day 16	Chalk& Talk	Direct
17		1 hour	chandra hasa nendu hesarittu sakuvudu	1	Day 17	Chalk& Talk	Direct
18		1 hour	Vyshnava bhaktanagi roopugondiddu	1	Day 18	Chalk& Talk	Direct
19		1 hour	Samruddhi hondiddu dstabuddhi ge tilidu kulindakana nodalu banoiddu	1	Day 19	Chalk& Talk	Direct
20		1 hour	Satya tilidu matte sanchu ropisiddu	1	Day 20	Chalk& Talk	Direct
21		1 hour	Vishava mohisuvante koduvudu endu rahasya patra baredaddu	1	Day 21	Chalk& Talk	Direct
22		1 hour	Vishaye mohitalagi aapatravannu tidduvudu	1	Day 22	Chalk& Talk	Direct
23		1 hour	Madana addhuriyagi tangi vishaye yannu kottu vivaha maduvudu	1	Day 23	Chalk& Talk	Direct
24		1 hour	Dushta buddhi matte sanchu roopisiddu	1	Day 24	Chalk& Talk	Direct
25		1 hour	Tirugu baanavagi maga madanane baliyadaddu	1	Day 25	Chalk& Talk	Direct
26		1 hour	Magana sthitiyannu nodi tanu prana kaledu kolluvudu	1	Day 26	Chalk& Talk	Direct
27		1 hour	Vishaya tilidu Chandra hasa kaliyayannu archisi vara beduvudu	1	Day 27	Chalk& Talk	Direct
28		1 hour	Kali Chandra hasana bhakti ge mechhi vara needuvudu	1	Day 28	Chalk& Talk	Direct
29		1 hour	Kathe sukhaantayavagi dushta buddhi madana ellaru baduki uliyuvudu	1	Day 29	Chalk& Talk	Direct

30		1 hour	Vishnuvina mahime saruva katheya mukya vicharagala charche	1	Day 30	Chalk& Talk	Direct
31		1 hour	conclusion	1	Day 31	Chalk& Talk	Direct
32		1 hour	revision	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA II BCom A III SEMESTER

Dr .C R MADHUSUDHAN

course code-ENC06001

PAPER: VANIJYA SIRI -3

WEEKLY 2 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction to nadugannada sahitya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Nadugannada sahityada vysistya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nadugannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Vachanagala vysistya,swaropu etc	1	Day 4	Chalk& Talk	Direct
5		1 hour	Jedara dasimayya-parichaya, vachanagalu	1	Day 5	ICT	
6		1 hour	continued	1	Day 6	Chalk& Talk	Direct
7		1 hour	Allamana-parichaya, vachanagalu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Amuge rayamma-parichaya,vachanagalu	1	Day 8	Chalk& Talk	Direct

9		1 hour	Lingamma –parichaya,vachanagalu	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Raghavanka –kala,desha,krutigala parichaya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Harishandra charitrya da katha vastu	1	Day 11	Chalk& Talk	Direct
12		1 hour	Haranembude satya,satyavembude haranu	1	Day 12	Chalk& Talk	Direct
13		1 hour	munduvarike	1	Day 13	Chalk& Talk	Direct
14		1 hour	munduvarike	1	Day 14	Chalk& Talk	Direct
15		1 hour	munduvarike	1	Day 15	Chalk& Talk	Direct
16	c	1 hour	Tripadigala vysistya, sarvagna parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Sarvagnana tripadigalu	1	Day 17	Chalk& Talk	Direct
18		1 hour	munduvarike	1	Day 18	Chalk& Talk	Direct
19		1 hour	munduvarike	1	Day 19	Chalk& Talk	Direct
20	d	1 hour	Dasarakeertane gala vysistya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Purandara dasara-& krutigala parichaya,	1	Day 21	Chalk& Talk	Direct
22		1 hour	Manava janma doddadu-keertane	1	Day 22	Chalk& Talk	Direct
23		1 hour	munduvaruke	1	Day 23	Chalk& Talk	Direct
24	e	1 hour	Ratnaakaravarni-kala,desha&krutigala parichaya	1	Day 24	Chalk& Talk	Direct
25		1 hour	Bharathesha vaibhava da katha vastu	1	Day 25	Chalk& Talk	Direct
26		1 hour	Dharmayuddha prasangada hinnele	1	Day 26	Chalk& Talk	Direct
27		1 hour	munduvaruke	1	Day 27	Chalk& Talk	Direct
28		1 hour	munduvaruke	1	Day 28	Chalk& Talk	Direct
29		1 hour	munduvaruke	1	Day 29	Chalk& Talk	Direct
30		1 hour	Sangatyada vysistya	1	Day 30	Chalk& Talk	Direct
31		1 hour	Sanchiya honnamma-kala,desha,krutigala parichaya	1	Day 31	Chalk& Talk	Direct
32		1 hour	Hadibadeya dharma da	1	Day 32	Chalk& Talk	Direct

			vastu,vysistya				
33		1 hour	Kuvaranadode kundenu padya	1	Day 33	Chalk& Talk	Direct
34		1 hour	munduvaruke	1	Day 34	Chalk& Talk	Direct
35		1 hour	munduvaruke	1	Day 35	Chalk& Talk	Direct
36		1 hour	munduvaruke	1	Day 36	Chalk& Talk	Direct
37		1 hour	Prashne patrike	1	Day 37	Chalk& Talk	Direct
38		1 hour	revision	1	Day 38	Chalk& Talk	Direct
39		1 hour	revision	1	Day 39	Chalk& Talk	Direct
40		1 hour	revision	1	Day 40	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I Bcom C I SEMESTER

Dr .C R MADHUSUDHAN

COURSE CODE-ENA06001

PAPER: VANIJYA SIRI - 1

WEEKLY 3 HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	B M SHRI &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hosagannada sahityakke shri avara koduge	1	Day 5	ICT	
6		1 hour	Prarthane padya,-uddesha ,vivara	1	Day 6	Chalk& Talk	Direct
7		1 hour	Mundubarike	1	Day 7	Chalk& Talk	Direct
8		1 hour	Mundubarike	1	Day 8	Chalk& Talk	Direct
9		1 hour	Mundubarike	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Kuvempu & krutigala parachiya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Ramayana darshanam krutiya& vastu parichaya	1	Day 11	Chalk& Talk	Direct
12		1 hour	Nee Mahachipi ditam- kavya bhaga	1	Day 12	Chalk& Talk	Direct
13		1 hour	Mundubarike	1	Day 13	Chalk& Talk	Direct
14		1 hour	Mundubarike	1	Day 14	Chalk& Talk	Direct

15		1 hour	Munduvavike	1	Day 15	Chalk& Talk	Direct
16	c	1 hour	Da Ra Bendre & krtigala parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Kurudu kanchana kuniyutalitto padya	1	Day 17	Chalk& Talk	Direct
18		1 hour	Munduvavike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Munduvavike	1	Day 19	Chalk& Talk	Direct
20		1 hour	K S Na avara& krutigala parichaya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Railway nildaamadalli padya	1	Day 21	Chalk& Talk	Direct
22		1 hour	Munduvavike	1	Day 22	Chalk& Talk	Direct
23		1 hour	Munduvavike	1	Day 23	Chalk& Talk	Direct
24	d	1 hour	K S Nisar Ahamad -& KRUTIGALA PARICHAYA	1	Day 24	Chalk& Talk	Direct
25		1 hour	Khali situgalu -padya	1	Day 25	Chalk& Talk	Direct
26		1 hour	Munduvavike	1	Day 26	Chalk& Talk	Direct
27		1 hour	Munduvavike	1	Day 27	Chalk& Talk	Direct
28		1 hour	Munduvavike	1	Day 28	Chalk& Talk	Direct
29	f	1 hour	Vydehi-&krutigala parichaya	1	Day 29	Chalk& Talk	Direct
30		1 hour	Strivadi chintane vivara	1	Day 30	Chalk& Talk	Direct
31		1 hour	Aduge mane hudugi -padya	1	Day 31	Chalk& Talk	Direct
32		1 hour	Munduvavike	1	Day 32	Chalk& Talk	Direct
33		1 hour	Munduvavike	1	Day 33	Chalk& Talk	Direct
34	g	1 hour	Hema pattana shetty & krutigala parichaya	1	Day 34	Chalk& Talk	Direct
35		1 hour	Apoorva -padya	1	Day 35	Chalk& Talk	Direct
36		1 hour	Munduvavike	1	Day 36	Chalk& Talk	Direct
37		1 hour	Munduvavike	1	Day 37	Chalk& Talk	Direct
38	h	1 hour	Mudnakudu china swamy&krutigala parichaya	1	Day 38	Chalk& Talk	Direct
39		1 hour	Dalita sahityada hinnele-vivara	1	Day 39	Chalk& Talk	Direct

40		1 hour	Chappali mattu nanu-padya	1	Day 40	Chalk& Talk	Direct
41		1 hour	Munduvarike	1	Day 41	Chalk& Talk	Direct
42		1 hour	Munduvarike	1	Day 42	Chalk& Talk	Direct
43		1 hour	Munduvarike	1	Day 43	Chalk& Talk	Direct
44		1 hour	revision	1	Day 44	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I B.Com B I SEMESTER****Dr .C R MADHUSUDHAN****COURSE CODE-CDA06001****PAPER: VANIJYA SIRI -1****WEEKLY 3 HOURS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	B M SHRI &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hosagannada sahityakke shri avara koduge	1	Day 5	ICT	
6		1 hour	Prarthane padya,-uddesha ,vivara	1	Day 6	Chalk& Talk	Direct
7		1 hour	Mundavarike	1	Day 7	Chalk& Talk	Direct
8		1 hour	Mundavarike	1	Day 8	Chalk& Talk	Direct
9		1 hour	Mundavarike	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kuvempu & krutigala parachiya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Ramayana darshanam krutiya& vastu parichaya	1	Day 11	Chalk& Talk	Direct
12		1 hour	Nee Mahachipi ditam- kavya bhaga	1	Day 12	Chalk& Talk	Direct
13		1 hour	Mundavarike	1	Day 13	Chalk& Talk	Direct

14	2	1 hour	Munduvrike	1	Day 14	Chalk& Talk	Direct
15		1 hour	Munduvrike	1	Day 15	Chalk& Talk	Direct
16		1 hour	Da Ra Bendre & krtigala parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Kurudu kanchana kuniyutalitto padya	1	Day 17	Chalk& Talk	Direct
18		1 hour	Munduvrike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Munduvrike	1	Day 19	Chalk& Talk	Direct
20		1 hour	K S Na avara& krutigala parichaya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Railway nildaadalli padya	1	Day 21	Chalk& Talk	Direct
22		1 hour	Munduvrike	1	Day 22	Chalk& Talk	Direct
23		1 hour	Munduvrike	1	Day 23	Chalk& Talk	Direct
24		1 hour	K S Nisar Ahamad -& KRUTIGALA PARICHAYA	1	Day 24	Chalk& Talk	Direct
25		1 hour	Khali situgalu -padya	1	Day 25	Chalk& Talk	Direct
26		1 hour	Munduvrike	1	Day 26	Chalk& Talk	Direct
27		1 hour	Munduvrike	1	Day 27	Chalk& Talk	Direct
28		1 hour	Munduvrike	1	Day 28	Chalk& Talk	Direct
29		1 hour	Vydehi-&krutigala parichaya	1	Day 29	Chalk& Talk	Direct
30		1 hour	Strivadi chintane vivara	1	Day 30	Chalk& Talk	Direct
31		1 hour	Aduge mane hudugi -padya	1	Day 31	Chalk& Talk	Direct
32		1 hour	Munduvrike	1	Day 32	Chalk& Talk	Direct
33	3	1 hour	Munduvrike	1	Day 33	Chalk& Talk	Direct
34		1 hour	Hema pattana shetty & krutigala parichaya	1	Day 34	Chalk& Talk	Direct
35		1 hour	Apoorva -padya	1	Day 35	Chalk& Talk	Direct
36		1 hour	Munduvrike	1	Day 36	Chalk& Talk	Direct
37		1 hour	Munduvrike	1	Day 37	Chalk& Talk	Direct
38		1 hour	Mudnakudu china swamy&krutigala parichaya	1	Day 38	Chalk& Talk	Direct

39		1 hour	Dalita sahityada hinnele-vivara	1	Day 39	Chalk& Talk	Direct
40		1 hour	Chappali mattu nanu-padya	1	Day 40	Chalk& Talk	Direct
41		1 hour	Munduarike	1	Day 41	Chalk& Talk	Direct
42		1 hour	Munduarike	1	Day 42	Chalk& Talk	Direct
43		1 hour	Munduarike	1	Day 43	Chalk& Talk	Direct
44		1 hour	revision	1	Day 44	Chalk& Talk	Direct
45		1 hour	revision	1	Day 45	Chalk& Talk	Direct
46		1 hour	revision	1	Day 46	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I Bsc PS I SEMESTER****Dr .C R MADHUSUDHAN****course code-DMA06001/2/3/4/5/6/7/8****PAPER: VIGNANA SIRI -1****WEEKLY 1HOUR**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	B M SHRI &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hosagannada sahityakke shri avara koduge	1	Day 5	Chalk& Talk	Direct
6		1 hour	Kanike padya, artha vivarane	1	Day 6	Chalk& Talk	Direct
7		1 hour	Munduvrike	1	Day 7	Chalk& Talk	Direct
8		1 hour	Munduvrike	1	Day 8	Chalk& Talk	Direct
9	b	1 hour	D VG avara &krutigala parichaya	1	Day 9	Chalk& Talk	Direct
10		1 hour	Munduvrike	1	Day 10	Chalk& Talk	Direct
11		1 hour	Munduvrike	1	Day 11	Chalk& Talk	Direct
12		1 hour	Munduvrike	1	Day 12	Chalk& Talk	Direct
13	c	1 hour	G P Rajaratnam avara& krutigala parichaya	1	Day 13	Chalk& Talk	Direct
14		1 hour	Nalli taav nam malli padya	1	Day 14	Chalk& Talk	Direct

15		1 hour	Padyada artha vivarane	1	Day 15	Chalk& Talk	Direct
16		1 hour	Padyada artha vivarane	1	Day 16	Chalk& Talk	Direct
17		1 hour	Padyada artha vivarane	1	Day 17	Chalk& Talk	Direct
18	d	1 hour	Gangadhara chittalara& krutigala parichaya	1	Day 18	Chalk& Talk	Direct
19		1 hour	Thaayi padya-artha vivarane	1	Day 19	Chalk& Talk	Direct
20		1 hour	Padyada artha vivarane	1	Day 20	Chalk& Talk	Direct
21		1 hour	Padyada artha vivarane	1	Day 21	Chalk& Talk	Direct
22		1 hour	Padyada artha vivarane	1	Day 22	Chalk& Talk	Direct
23		1 hour	Prashne patrike	1	Day 23	Chalk& Talk	Direct
24		1 hour	revision	1	Day 24	Chalk& Talk	Direct
25		1 hour	revision	1	Day 25	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24

DEPARTMENT OF KANNADA I BCA A I SEMESTER

Dr .C R MADHUSUDHAN

COURSE CODE-ENA06001

PAPER: GANAKA SIRI -1

WEEKLY 1 HOUR

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Sannakathe swaroopa ,uddesha	1	Day 4	Chalk& Talk	Direct
5		1 hour	Sannakathe ithihasa,parampare	1	Day 5	ICT	
6		1 hour	Adhunika yugadalli pramukha sanna kathegararu	1	Day 6	Chalk& Talk	Direct
7	d	1 hour	Kathgararagi kum vi	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kum vi-baduku baraha	1	Day 8	Chalk& Talk	Direct
9		1 hour	Devara hena -kathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Badatana hasuvina teevrateya chitrana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Katheya munduvarike	1	Day 11	Chalk& Talk	Direct
12		1 hour	Katheya munduvarike	1	Day 12	Chalk& Talk	Direct
13		1 hour	Katheya munduvarike	1	Day 13	Chalk& Talk	Direct
14	e	1 hour	Kodagina gowramma na &krutigala parichaya	1	Day 14	Chalk& Talk	Direct
15		1 hour	Avra kathegala vysistya	1	Day 15	Chalk& Talk	Direct
16		1 hour	Munna dina kathe	1	Day 16	Chalk& Talk	Direct
17		1 hour	Katheya munduvarike	1	Day 17	Chalk& Talk	Direct
18		1 hour	Katheya munduvarike	1	Day 18	Chalk& Talk	Direct

19		1 hour	Jatyateetateya vichara da charche	1	Day 19	Chalk& Talk	Direct
20		1 hour	Katheya swopagnate vichara	1	Day 20	Chalk& Talk	Direct
21		1 hour	conclusion	1	Day 21	Chalk& Talk	Direct
22		1 hour	revision	1	Day 22	Chalk& Talk	Direct
23		1 hour	revision	1	Day 23	Chalk& Talk	Direct
24		1 hour	revision	1	Day 24	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24 (ODD)
DEPARTMENT OF KANNADA I BA B I SEMESTER
NATARAJU

PAPER: Kannada Sahitya Charitre

WEEKLY: 3HOURS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Kannada sahithya charitre	1	Day 1	Chalk& Talk	Direct
2		1 hour	Kannada sahithya charitre	1	Day 2	Chalk& Talk	Direct
3		1 hour	Kannada sahithya charitre ,ugama	1	Day 3	Chalk& Talk	Direct
4		1 hour	Kannada sahithya charitre vikasa	1	Day 4	Chalk& Talk	Direct
5		1 hour	Kannada sahithya charitre prajojana	1	Day 5	Chalk& Talk	Direct
6		1 hour	Continued last chapter	1	Day 6	Chalk& Talk	Direct
7		1 hour	Pampa	1	Day 7	Chalk& Talk	Direct
8		1 hour	Adipurana	1	Day 8	Chalk& Talk	Direct
9		1 hour	Vikramarjuna vijaya	1	Day 9	Chalk& Talk	Direct
10		1 hour	Halmidi shasana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Continued last chapter	1	Day 11	Chalk& Talk	Direct
12		1 hour	Continued last chapter	1	Day 12	Chalk& Talk	Direct
13	2	1 hour	Kavirajamarga	1	Day 13	Chalk& Talk	Direct
14		1 hour	Kavirajamarga	1	Day 14	Chalk& Talk	Direct
15		1 hour	Kavirajamarga	1	Day 15	Chalk& Talk	Direct

16		1 hour	Vaddaradhane	1	Day 16	Chalk& Talk	Direct
17		1 hour	Continued last chapter	1	Day 17	Chalk& Talk	Direct
18	3	1 hour	Ranna	1	Day 18	Chalk& Talk	Direct
19		1 hour	Ajithateertanakara purana	1	Day 19	Chalk& Talk	Direct
20		1 hour	continued	1	Day 20	Chalk& Talk	Direct
21		1 hour	Gadhayudda	1	Day 21	Chalk& Talk	Direct
22		1 hour	continued	1	Day 22	Chalk& Talk	Direct
23		1 hour	Ponna	1	Day 23	Chalk& Talk	Direct
24		1 hour	Continued last chapter	1	Day 24	Chalk& Talk	Direct
25		1 hour	Janna	1	Day 25	Chalk& Talk	Direct
26		1 hour	Continued last chapter	1	Day 26	Chalk& Talk	Direct
27		1 hour	Yashodara charitre	1	Day 27	Chalk& Talk	Direct
28		1 hour	Continued last chapter	1	Day 28	Chalk& Talk	Direct
29	4	1 hour	Nagachandra	1	Day 29	Chalk& Talk	Direct
30		1 hour	contoinued	1	Day 30	Chalk& Talk	Direct
31		1 hour	Ramachandra charita purana	1	Day 31	Chalk& Talk	Direct
32		1 hour	continued	1	Day 32	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA II BCom A III SEMESTER****NATARAJU****course code-ENC06001****PAPER: VANIJYA SIRI -3****WEEKLY 3 HOURS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Introduction to nadugannada sahitya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Nadugannada sahityada vysistya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Nadugannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	Vachanagala vysistya,swaroopta etc	1	Day 4	Chalk& Talk	Direct
5		1 hour	Jedara dasimayya-parichaya, vachanagalu	1	Day 5	ICT	
6		1 hour	continued	1	Day 6	Chalk& Talk	Direct
7		1 hour	Allamana-parichaya, vachanagalu	1	Day 7	Chalk& Talk	Direct
8		1 hour	Amuge rayamma-parichaya,vachanagalu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Lingamma –parichaya,vachanagalu	1	Day 9	Chalk& Talk	Direct
10	b	1 hour	Raghavanka –kala,desha,krutigala parichaya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Harishandra charitrya da katha vastu	1	Day 11	Chalk& Talk	Direct

12		1 hour	Haranembude satya,satyavembude haranu	1	Day 12	Chalk& Talk	Direct
13		1 hour	munduvarike	1	Day 13	Chalk& Talk	Direct
14		1 hour	munduvarike	1	Day 14	Chalk& Talk	Direct
15		1 hour	munduvarike	1	Day 15	Chalk& Talk	Direct
16	c	1 hour	Tripadigala vysistya, sarvagna parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Sarvagnana tripadigalu	1	Day 17	Chalk& Talk	Direct
18		1 hour	munduvarike	1	Day 18	Chalk& Talk	Direct
19		1 hour	munduvarike	1	Day 19	Chalk& Talk	Direct
20	d	1 hour	Dasarakeertane gala vysistya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Purandara dasara-& krutigala parichaya,	1	Day 21	Chalk& Talk	Direct
22		1 hour	Manava janma doddadu-keertane	1	Day 22	Chalk& Talk	Direct
23		1 hour	munduvaruke	1	Day 23	Chalk& Talk	Direct
24	e	1 hour	Ratnaakaravarni-kala,desha&krutigala parichaya	1	Day 24	Chalk& Talk	Direct
25		1 hour	Bharathesha vaibhava da katha vastu	1	Day 25	Chalk& Talk	Direct
26		1 hour	Dharmayuddha prasangada hinnele	1	Day 26	Chalk& Talk	Direct
27		1 hour	munduvaruke	1	Day 27	Chalk& Talk	Direct
28		1 hour	munduvaruke	1	Day 28	Chalk& Talk	Direct
29		1 hour	munduvaruke	1	Day 29	Chalk& Talk	Direct
30		1 hour	Sangatyada vysistya	1	Day 30	Chalk& Talk	Direct
31		1 hour	Sanchiya honnamma-kala,desha,krutigala parichaya	1	Day 31	Chalk& Talk	Direct
32		1 hour	Hadibadeya dharma da vastu,vysistya	1	Day 32	Chalk& Talk	Direct
33		1 hour	Kuvaranadode kundenu padya	1	Day 33	Chalk& Talk	Direct
34		1 hour	munduvaruke	1	Day 34	Chalk& Talk	Direct
35		1 hour	munduvaruke	1	Day 35	Chalk& Talk	Direct

36		1 hour	munduvaruke	1	Day 36	Chalk& Talk	Direct
37		1 hour	Prashne patrike	1	Day 37	Chalk& Talk	Direct
38		1 hour	revision	1	Day 38	Chalk& Talk	Direct
39		1 hour	revision	1	Day 39	Chalk& Talk	Direct
40		1 hour	revision	1	Day 40	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I B.Com C I SEMESTER****NATARAJU****COURSE CODE-CDA06001****PAPER: VANIJYA SIRI -1****WEEKLY : 3 HOURS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	B M SHRI &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hosagannada sahityakke shri avara koduge	1	Day 5	ICT	
6		1 hour	Prarthane padya,-uddesha ,vivara	1	Day 6	Chalk& Talk	Direct
7		1 hour	Mundavarike	1	Day 7	Chalk& Talk	Direct
8		1 hour	Mundavarike	1	Day 8	Chalk& Talk	Direct
9		1 hour	Mundavarike	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kuvempu & krutigala parachiya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Ramayana darshanam krutiya& vastu parichaya	1	Day 11	Chalk& Talk	Direct
12		1 hour	Nee Mahachipi ditam- kavya bhaga	1	Day 12	Chalk& Talk	Direct
13		1 hour	Mundavarike	1	Day 13	Chalk& Talk	Direct

14	2	1 hour	Munduarike	1	Day 14	Chalk& Talk	Direct
15		1 hour	Munduarike	1	Day 15	Chalk& Talk	Direct
16		1 hour	Da Ra Bendre & krtigala parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Kurudu kanchana kuniyutalitto padya	1	Day 17	Chalk& Talk	Direct
18		1 hour	Munduarike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Munduarike	1	Day 19	Chalk& Talk	Direct
20		1 hour	K S Na avara& krutigala parichaya	1	Day 20	Chalk& Talk	Direct
21		1 hour	Railway nildaadalli padya	1	Day 21	Chalk& Talk	Direct
22		1 hour	Munduarike	1	Day 22	Chalk& Talk	Direct
23		1 hour	Munduarike	1	Day 23	Chalk& Talk	Direct
24		1 hour	K S Nisar Ahamad -& KRUTIGALA PARICHAYA	1	Day 24	Chalk& Talk	Direct
25		1 hour	Khali situgalu -padya	1	Day 25	Chalk& Talk	Direct
26		1 hour	Munduarike	1	Day 26	Chalk& Talk	Direct
27		1 hour	Munduarike	1	Day 27	Chalk& Talk	Direct
28		1 hour	Munduarike	1	Day 28	Chalk& Talk	Direct
29		1 hour	Vydehi-&krutigala parichaya	1	Day 29	Chalk& Talk	Direct
30		1 hour	Strivadi chintane vivara	1	Day 30	Chalk& Talk	Direct
31		1 hour	Aduge mane hudugi -padya	1	Day 31	Chalk& Talk	Direct
32		1 hour	Munduarike	1	Day 32	Chalk& Talk	Direct
33	3	1 hour	Munduarike	1	Day 33	Chalk& Talk	Direct
34		1 hour	Hema pattana shetty & krutigala parichaya	1	Day 34	Chalk& Talk	Direct
35		1 hour	Apoorva -padya	1	Day 35	Chalk& Talk	Direct
36		1 hour	Munduarike	1	Day 36	Chalk& Talk	Direct
37		1 hour	Munduarike	1	Day 37	Chalk& Talk	Direct
38		1 hour	Mudnakudu china swamy&krutigala parichaya	1	Day 38	Chalk& Talk	Direct

39		1 hour	Dalita sahityada hinnele-vivara	1	Day 39	Chalk& Talk	Direct
40		1 hour	Chappali mattu nanu-padya	1	Day 40	Chalk& Talk	Direct
41		1 hour	Mundubarike	1	Day 41	Chalk& Talk	Direct
42		1 hour	Mundubarike	1	Day 42	Chalk& Talk	Direct
43		1 hour	Mundubarike	1	Day 43	Chalk& Talk	Direct
44		1 hour	revision	1	Day 44	Chalk& Talk	Direct
45		1 hour	revision	1	Day 45	Chalk& Talk	Direct
46		1 hour	revision	1	Day 46	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I Bsc NS I SEMESTER****NATARAJU****course code-DMA06001/2/3/4/5/6/7/8****PAPER : VIGNANA SIRI - 1****WEEKLY : 3 HOUR**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4	a	1 hour	B M SHRI &krutigala parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Hosagannada sahityakke shri avara koduge	1	Day 5	Chalk& Talk	Direct
6		1 hour	Kanike padya, artha vivarane	1	Day 6	Chalk& Talk	Direct
7		1 hour	Munduvrike	1	Day 7	Chalk& Talk	Direct
8		1 hour	Munduvrike	1	Day 8	Chalk& Talk	Direct
9	b	1 hour	D VG avara &krutigala parichaya	1	Day 9	Chalk& Talk	Direct
10		1 hour	Munduvrike	1	Day 10	Chalk& Talk	Direct
11		1 hour	Munduvrike	1	Day 11	Chalk& Talk	Direct
12		1 hour	Munduvrike	1	Day 12	Chalk& Talk	Direct
13	c	1 hour	G P Rajaratnam avara& krutigala parichaya	1	Day 13	Chalk& Talk	Direct
14		1 hour	Nalli taav nam malli padya	1	Day 14	Chalk& Talk	Direct

15		1 hour	Padyada artha vivarane	1	Day 15	Chalk& Talk	Direct
16		1 hour	Padyada artha vivarane	1	Day 16	Chalk& Talk	Direct
17		1 hour	Padyada artha vivarane	1	Day 17	Chalk& Talk	Direct
18	d	1 hour	Gangadhara chittalara& krutigala parichaya	1	Day 18	Chalk& Talk	Direct
19		1 hour	Thaayi padya-artha vivarane	1	Day 19	Chalk& Talk	Direct
20		1 hour	Padyada artha vivarane	1	Day 20	Chalk& Talk	Direct
21		1 hour	Padyada artha vivarane	1	Day 21	Chalk& Talk	Direct
22		1 hour	Padyada artha vivarane	1	Day 22	Chalk& Talk	Direct
23		1 hour	Prashne patrike	1	Day 23	Chalk& Talk	Direct
24		1 hour	revision	1	Day 24	Chalk& Talk	Direct
25		1 hour	revision	1	Day 25	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I Bcom B I SEMESTER****NATARAJU****COURSE CODE-ENA06001****PAPER: VANIJYA SIRI -1****WEEKLY 2HOUR**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Sannakathe swaroopa ,uddesha	1	Day 4	Chalk& Talk	Direct
5		1 hour	Sannakathe ithihasa,parampare	1	Day 5	ICT	
6		1 hour	Adhunika yugadalli pramukha sanna kathegararu	1	Day 6	Chalk& Talk	Direct
7	d	1 hour	Kathgararagi kum vi	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kum vi-baduku baraha	1	Day 8	Chalk& Talk	Direct
9		1 hour	Devara hena -kathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Badatana hasuvina teevrateya chitrana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Katheya munduvarike	1	Day 11	Chalk& Talk	Direct
12		1 hour	Katheya munduvarike	1	Day 12	Chalk& Talk	Direct
13		1 hour	Katheya munduvarike	1	Day 13	Chalk& Talk	Direct

14	e	1 hour	Kodagina gowramma na &krutigala parichaya	1	Day 14	Chalk& Talk	Direct
15		1 hour	Avra kathegala vysistya	1	Day 15	Chalk& Talk	Direct
16		1 hour	Munna dina kathe	1	Day 16	Chalk& Talk	Direct
17		1 hour	Katheya munduvarike	1	Day 17	Chalk& Talk	Direct
18		1 hour	Katheya munduvarike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Jatyateetateya vichara da charche	1	Day 19	Chalk& Talk	Direct
20		1 hour	Katheya swopagnate vichara	1	Day 20	Chalk& Talk	Direct
21		1 hour	conclusion	1	Day 21	Chalk& Talk	Direct
22		1 hour	revision	1	Day 22	Chalk& Talk	Direct
23		1 hour	revision	1	Day 23	Chalk& Talk	Direct
24		1 hour	revision	1	Day 24	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN – 2023-24**DEPARTMENT OF KANNADA I BCA A I SEMESTER****NATARAJU****COURSE CODE-ENA06001****PAPER: GANAKA SIRI -1****WEEKLY 2 HOUR**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Adhunika kannada sahitya parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Hinnele ,swaroopa,pramukhya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Pramukha kannada kavigala parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Sannakathe swaroopa ,uddesha	1	Day 4	Chalk& Talk	Direct
5		1 hour	Sannakathe ithihasa,parampare	1	Day 5	ICT	
6		1 hour	Adhunika yugadalli pramukha sanna kathegararu	1	Day 6	Chalk& Talk	Direct
7	d	1 hour	Kathgararagi kum vi	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kum vi-baduku baraha	1	Day 8	Chalk& Talk	Direct
9		1 hour	Devara hena -kathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Badatana hasuvina teevrateya chitrana	1	Day 10	Chalk& Talk	Direct
11		1 hour	Katheya munduvarike	1	Day 11	Chalk& Talk	Direct
12		1 hour	Katheya munduvarike	1	Day 12	Chalk& Talk	Direct
13		1 hour	Katheya munduvarike	1	Day 13	Chalk& Talk	Direct

14	e	1 hour	Kodagina gowramma na &krutigala parichaya	1	Day 14	Chalk& Talk	Direct
15		1 hour	Avra kathegala vysistya	1	Day 15	Chalk& Talk	Direct
16		1 hour	Munna dina kathe	1	Day 16	Chalk& Talk	Direct
17		1 hour	Katheya munduvarike	1	Day 17	Chalk& Talk	Direct
18		1 hour	Katheya munduvarike	1	Day 18	Chalk& Talk	Direct
19		1 hour	Jatyateetateya vichara da charche	1	Day 19	Chalk& Talk	Direct
20		1 hour	Katheya swopagnate vichara	1	Day 20	Chalk& Talk	Direct
21		1 hour	conclusion	1	Day 21	Chalk& Talk	Direct
22		1 hour	revision	1	Day 22	Chalk& Talk	Direct
23		1 hour	revision	1	Day 23	Chalk& Talk	Direct
24		1 hour	revision	1	Day 24	Chalk& Talk	Direct

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan2023-24

DEPT OF SANSKRIT

Programme: B.COM/BBA/BCA

Programme Code: 030

Semester: I

Course Title: Sanskrit Poetry and Grammar

Course Code: FCA/FBA/FAA

Faculty Name: K Shrinidhi

No. of Hours Assigned: 55

Lectur e. No.	Unit No	Credit Hours	Topic taught	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
2.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
3.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
4.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
5.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
6.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
7.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
8.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
9.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
10.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
11.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
12.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
13.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
14.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
15.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
16.	2	1	नीतिशतकम्	Chalk and talk	Direct
17.	2	1	नीतिशतकम्	Chalk and talk	Direct
18.	2	1	नीतिशतकम्	Chalk and talk	Direct
19.	2	1	नीतिशतकम्	Chalk and talk	Direct
20.	2	1	नीतिशतकम्	Chalk and talk	Direct
21.	2	1	नीतिशतकम्	Chalk and talk	Direct
22.	2	1	नीतिशतकम्	Chalk and talk	Direct
23.	2	1	नीतिशतकम्	Chalk and talk	Direct
24.	2	1	नीतिशतकम्	Chalk and talk	Direct
25.	2	1	नीतिशतकम्	Chalk and talk	Direct
26.	2	1	नीतिशतकम्	Chalk and talk	Direct
27.	2	1	नीतिशतकम्	Chalk and talk	Direct

28.	2	1	नीतिशतकम्	Chalk and talk	Direct
29.	2	1	नीतिशतकम्	Chalk and talk	Direct
30.	2	1	नीतिशतकम्	Chalk and talk	Direct
31.	2	1	नीतिशतकम्	Chalk and talk	Direct
32.	2	1	नीतिशतकम्	Chalk and talk	Direct
33.	2	1	नीतिशतकम्	Chalk and talk	Direct
34.	2	1	नीतिशतकम्	Chalk and talk	Direct
35.	2	1	नीतिशतकम्	Chalk and talk	Direct
36.	2	1	नीतिशतकम्	Chalk and talk	Direct
37.	2	1	नीतिशतकम्	Chalk and talk	Direct
38.	2	1	नीतिशतकम्	Chalk and talk	Direct
39.	2	1	नीतिशतकम्	Chalk and talk	Direct
40.	2	1	नीतिशतकम्	Chalk and talk	Direct
41.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
42.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
43.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
44.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
45.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
46.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
47.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
48.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
49.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
50.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
51.	3	1	शेवधि:	Chalk and talk	Direct
52.	3	1	शेवधि:	Chalk and talk	Direct
53.	3	1	शेवधि:	Chalk and talk	Direct
54.	3	1	शेवधि:	Chalk and talk	Direct
55.	3	1	शेवधि:	Chalk and talk	Direct

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Lesson Plan/Session Plan2023-24

DEPT OF SANSKRIT

Programme: B.COM/BBA/BCA

Programme Code: 030

Semester:II

Course Title: Sanskrit Porse and Grammar

Course Code: FCBFBB/FAB

Faculty Name: K Shrinidhi

No. of Hours Assigned: 58

Lectur e. No.	Unit No	Credit Hours	Topic taught	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
2.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
3.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
4.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
5.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
6.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
7.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
8.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
9.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
10.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
11.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
12.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
13.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
14.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
15.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
16.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
17.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
18.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
19.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
20.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
21.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
22.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
23.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
24.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
25.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
26.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
27.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
28.	2	1	भारतसङ्ग्रहः – उद्योगपर्वः	Chalk and talk	Direct
29.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
30.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
31.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
32.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
33.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
34.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
35.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
36.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
37.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct

38.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
39.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
40.	2	1	भारतसङ्ग्रहः – भीष्मपर्वः	Chalk and talk	Direct
41.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
42.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
43.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
44.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
45.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
46.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
47.	3	1	सन्धिः	Chalk and talk	Direct
48.	3	1	सन्धिः	Chalk and talk	Direct
49.	3	1	सन्धिः	Chalk and talk	Direct
50.	3	1	सन्धिः	Chalk and talk	Direct
51.	3	1	सन्धिः	Chalk and talk	Direct
52.	3	1	सन्धिः	Chalk and talk	Direct
53.	3	1	भाषान्तरम्	Chalk and talk	Direct
54.	3	1	भाषान्तरम्	Chalk and talk	Direct
55.	3	1	भाषान्तरम्	Chalk and talk	Direct
56.	3	1	भाषान्तरम्	Chalk and talk	Direct
57.	3	1	भाषान्तरम्	Chalk and talk	Direct
58.	3	1	भाषान्तरम्	Chalk and talk	Direct

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DEPT OF SANSKRIT

Programme: B.COM/BBA/BCA

Programme Code: 030

Semester: III

Course Title: Sanskrit Champu Kavya and Grammar

Course Code: FCC/FBC/FAC

Faculty Name: K Shrinidhi

No. of Hours Assigned: 55

Lectur e. No.	Unit No	Credit Hours	Topic taught	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
2.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
3.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
4.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
5.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
6.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
7.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
8.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
9.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
10.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
11.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
12.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
13.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
14.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
15.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
16.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
17.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
18.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
19.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
20.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
21.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
22.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
23.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
24.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct
25.	2	1	चम्पूरामायणम् किष्किन्दाकाण्डः	Chalk and talk	Direct

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DEPT OF SANSKRIT

Programme: B.COM/BBA/BCA

Programme Code: 030

Semester: IV

Course Title: Drama and Dramaturgy

Course Code: FCD/FBD/FAD

Faculty Name: K Shrinidhi

No. of Hours Assigned: 58

Lectur e. No.	Unit No	Credit Hours	Topic taught	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
2.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
3.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
4.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
5.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
6.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
7.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
8.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
9.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
10.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
11.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
12.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
13.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
14.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
15.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
16.	2	1	प्रतिमानाटकम् – प्रथमोऽङ्कः	Chalk and talk	Direct
17.	2	1	प्रतिमानाटकम् – प्रथमोऽङ्कः	Chalk and talk	Direct
18.	2	1	प्रतिमानाटकम् – प्रथमोऽङ्कः	Chalk and talk	Direct
19.	2	1	प्रतिमानाटकम् – प्रथमोऽङ्कः	Chalk and talk	Direct
20.	2	1	प्रतिमानाटकम् – प्रथमोऽङ्कः	Chalk and talk	Direct
21.	2	1	प्रतिमानाटकम् – प्रथमोऽङ्कः	Chalk and talk	Direct
22.	2	1	प्रतिमानाटकम् – प्रथमोऽङ्कः	Chalk and talk	Direct
23.	2	1	प्रतिमानाटकम् – द्वितीयोऽङ्कः	Chalk and talk	Direct
24.	2	1	प्रतिमानाटकम् – द्वितीयोऽङ्कः	Chalk and talk	Direct
25.	2	1	प्रतिमानाटकम् – द्वितीयोऽङ्कः	Chalk and talk	Direct

54.	3	1	समासः - कर्मधारयः	Chalk and talk	Direct
55.	3	1	समासः - द्वन्द्वः	Chalk and talk	Direct
56.	3	1	समासः - द्वन्द्वः	Chalk and talk	Direct
57.	3	1	समासः - बहुव्रीहिः	Chalk and talk	Direct
58.	3	1	समासः - बहुव्रीहिः	Chalk and talk	Direct

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DEPT OF SANSKRIT

Programme: BA/BSC

Programme Code: 030

Semester: I

Course Title: Sanskrit Poetry and Grammar

Course Code: FHA/FSA

Faculty Name: K Shrinidhi

No. of Hours Assigned: 55

Lectur e. No.	Unit No	Credit Hours	Topic taught	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
56.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
57.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
58.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
59.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
60.	1	1	संस्कृतसाहित्यपरम्परा - इतिहासः	Chalk and talk	Direct
61.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
62.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
63.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
64.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
65.	1	1	संस्कृतसाहित्यपरम्परा -आरम्भवादः	Chalk and talk	Direct
66.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
67.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
68.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
69.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
70.	1	1	संस्कृतसाहित्यपरम्परा	Chalk and talk	Direct
71.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
72.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
73.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
74.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
75.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
76.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
77.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
78.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
79.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
80.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
81.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct
82.	2	1	श्रीमद्वाल्मीकिरामायणम्	Chalk and talk	Direct

83.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
84.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
85.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
86.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
87.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
88.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
89.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
90.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
91.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
92.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
93.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
94.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
95.	2	1	श्रीमदवाल्मीकिरामायणम्	Chalk and talk	Direct
96.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
97.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
98.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
99.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
100.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
101.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
102.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
103.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
104.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
105.	3	1	संस्कृतव्यवहारसहस्री	Chalk and talk	Direct
106.	3	1	शेवधि:	Chalk and talk	Direct
107.	3	1	शेवधि:	Chalk and talk	Direct
108.	3	1	शेवधि:	Chalk and talk	Direct
109.	3	1	शेवधि:	Chalk and talk	Direct
110.	3	1	शेवधि:	Chalk and talk	Direct

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DEPT OF SANSKRIT

Programme: : BA/BSC

Programme Code: 030

Semester: II

Course Title: Sanskrit Porse and Grammar

Course Code: FHB/FSB

Faculty Name: K Shrinidhi

No. of Hours Assigned: 58

Lectur e. No.	Unit No	Credit Hours	Topic taught	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
59.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
60.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
61.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
62.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
63.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
64.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
65.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
66.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
67.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
68.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
69.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
70.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
71.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
72.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
73.	1	1	संस्कृतगद्यपरिचयः	Chalk and talk	Direct
74.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
75.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
76.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
77.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
78.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
79.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
80.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
81.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
82.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
83.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
84.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
85.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
86.	2	1	भारतसङ्ग्रहः – वनपर्वः	Chalk and talk	Direct
87.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
88.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
89.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
90.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
91.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
92.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
93.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
94.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
95.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct

96.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
97.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
98.	2	1	भारतसङ्ग्रहः – विराटपर्वः	Chalk and talk	Direct
99.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
100.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
101.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
102.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
103.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
104.	3	1	संस्कृतशब्दचन्द्रिका	Chalk and talk	Direct
105.	3	1	सन्धिः	Chalk and talk	Direct
106.	3	1	सन्धिः	Chalk and talk	Direct
107.	3	1	सन्धिः	Chalk and talk	Direct
108.	3	1	सन्धिः	Chalk and talk	Direct
109.	3	1	सन्धिः	Chalk and talk	Direct
110.	3	1	सन्धिः	Chalk and talk	Direct
111.	3	1	भाषान्तरम्	Chalk and talk	Direct
112.	3	1	भाषान्तरम्	Chalk and talk	Direct
113.	3	1	भाषान्तरम्	Chalk and talk	Direct
114.	3	1	भाषान्तरम्	Chalk and talk	Direct
115.	3	1	भाषान्तरम्	Chalk and talk	Direct
116.	3	1	भाषान्तरम्	Chalk and talk	Direct

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Lesson Plan/Session Plan 2023-24

DEPT OF SANSKRIT

Programme: : BA/BSC

Programme Code: 030

Semester: III

Course Title: Sanskrit Champu Kavya and Grammar

Course Code: FHC/FSC

Faculty Name: K Shrinidhi

No. of Hours Assigned: 55

Lectur e. No.	Unit No	Credit Hours	Topic taught	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
56.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
57.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
58.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
59.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
60.	1	1	संस्कृतकाव्यानि	Chalk and talk	Direct
61.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
62.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
63.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
64.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
65.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
66.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
67.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
68.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
69.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
70.	1	1	चम्पूकाव्यानि	Chalk and talk	Direct
71.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
72.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
73.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
74.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
75.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
76.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
77.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
78.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
79.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
80.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct

81.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
82.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
83.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
84.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
85.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
86.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
87.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
88.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
89.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
90.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
91.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
92.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
93.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
94.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
95.	2	1	चम्पूरामायणम् सुन्दरकाण्डः	Chalk and talk	Direct
96.	3	1	उपमालङ्कारः	Chalk and talk	Direct
97.	3	1	उपमालङ्कारः	Chalk and talk	Direct
98.	3	1	उपमालङ्कारः	Chalk and talk	Direct
99.	3	1	उपमालङ्कारः	Chalk and talk	Direct
100.	3	1	रूपकालङ्कारः	Chalk and talk	Direct
101.	3	1	रूपकालङ्कारः	Chalk and talk	Direct
102.	3	1	रूपकालङ्कारः	Chalk and talk	Direct
103.	3	1	श्लेषालङ्कारः	Chalk and talk	Direct
104.	3	1	श्लेषालङ्कारः	Chalk and talk	Direct
105.	3	1	श्लेषालङ्कारः	Chalk and talk	Direct
106.	3	1	अनन्वयालङ्कारः	Chalk and talk	Direct
107.	3	1	अनन्वयालङ्कारः	Chalk and talk	Direct
108.	3	1	अनन्वयालङ्कारः	Chalk and talk	Direct
109.	3	1	उत्प्रेक्षालङ्कारः	Chalk and talk	Direct
110.	3	1	उत्प्रेक्षालङ्कारः	Chalk and talk	Direct

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Lesson Plan/Session Plan 2023-24

DEPT OF SANSKRIT

Programme: : BA/BSC

Programme Code: 030

Semester: IV

Course Title: Drama and Dramaturgy

Course Code: FHD/FSD

Faculty Name: K Shrinidhi

No. of Hours Assigned: 58

Lectur e. No.	Unit No	Credit Hours	Topic taught	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
59.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
60.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
61.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
62.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
63.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
64.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
65.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
66.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
67.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
68.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
69.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
70.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
71.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
72.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
73.	1	1	नाटकलक्षणम्	Chalk and talk	Direct
74.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
75.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
76.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
77.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
78.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
79.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
80.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
81.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
82.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct
83.	2	1	मालविकाग्निमित्रम् – प्रथमोऽङ्कः	Chalk and talk	Direct

112.	3	1	समासः - कर्मधारयः	Chalk and talk	Direct
113.	3	1	समासः - दवन्दवः	Chalk and talk	Direct
114.	3	1	समासः - दवन्दवः	Chalk and talk	Direct
115.	3	1	समासः - बह्व्रीहिः	Chalk and talk	Direct
116.	3	1	समासः - बह्व्रीहिः	Chalk and talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA B.A V SEMESTER (DSE)

Dr N MAHESHWARI

COURSE CODE- FHE490

PAPER: KANNADA VYAKARANA PARAMPARE

WEEKLY 4 HOURS – 4 CREDITS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Vyakaranada pramukhyate	1	Day 1	Chalk& Talk	Direct
2		1 hour	Vyakaranaparampare sthula vivara	1	Day 2	Chalk& Talk	Direct
3		1 hour	Kaviraja marga parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Shabda smruti ,karnataka bhasha bhushana parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	1 rinda 6 Sutragalu	1	Day 5	ICT	
6		1 hour	7 rinda 12 ravarege Sutragalu	1	Day 6	Chalk& Talk	Direct
7		1 hour	13 rinda 15 ravarege Sutragalu	1	Day 7	Chalk& Talk	Direct
8	2.	1 hour	17 rinda 19 ravarege Sutragalu	1	Day 8	Chalk& Talk	Direct
9		1 hour	20 rinda 24 ravarege Sutragalu	1	Day 9	Chalk& Talk	Direct
10		1 hour	13 rinda 18 ravarege Sutragalu	1	Day 10	Chalk& Talk	Direct
11		1 hour	13 rinda 18 ravarege Sutragalu	1	Day 11	Chalk& Talk	Direct
12		1 hour	18 rinda 119 ravarege Sutragalu	1	Day 12	Chalk& Talk	Direct
13		1 hour	19 rinda 21 ravarege Sutragalu	1	Day 13	Chalk& Talk	Direct
14		1 hour	21 rinda 23 ravarege Sutragalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	23 rinda 25 ravarege Sutragalu	1	Day 15	Chalk& Talk	Direct
16		1 hour	25 rinda 27 ravarege Sutragalu	1	Day 16	Chalk& Talk	Direct
17		1 hour	27 rinda 29 ravarege Sutragalu	1	Day 17	Chalk& Talk	Direct
18		1 hour	29 rinda 40 ravarege Sutragalu	1	Day 18	Chalk& Talk	Direct
19		1 hour	41 rinda 43 ravarege Sutragalu	1	Day 19	Chalk& Talk	Direct
20		1 hour	43 rinda 45 ravarege Sutragalu	1	Day 20	Chalk& Talk	Direct
21		1 hour	59 rinda 60 ravarege Sutragalu	1	Day 21	Chalk& Talk	Direct
22		1 hour	61 rinda 62 ravarege Sutragalu	1	Day 22	Chalk& Talk	Direct
23		1 hour	63 rinda 65 ravarege Sutragalu	1	Day 23	Chalk& Talk	Direct
24		1 hour	65 rinda 69 ravarege Sutragalu	1	Day 24	Chalk& Talk	Direct
25		1 hour	71 rinda 73 ravarege Sutragalu	1	Day 25	Chalk& Talk	Direct
26		1 hour	73 rinda 77 ravarege Sutragalu	1	Day26	Chalk& Talk	Direct
27		1 hour	78 rinda 79 ravarege Sutragalu	1	Day27	Chalk& Talk	Direct

28		1 hour	80 rinda 88 ravarege Sutragalu	1	Day28	Chalk& Talk	Direct
29		1 hour	89 rinda 98 ravarege Sutragalu	1	Day29	Chalk& Talk	Direct
30		1 hour	100 rinda 103 ravarege Sutragalu	1	Day30	Chalk& Talk	Direct
31		1 hour	103 rinda 105 ravarege Sutragalu	1	Day31	Chalk& Talk	Direct
32		1 hour	112 rinda 139 ravarege Sutragalu	1	32	Chalk& Talk	Direct
33		1 hour	139 rinda 148ravarege Sutragalu	1	Day33	Chalk& Talk	Direct
34		1 hour	148 rinda 178 ravarege Sutragalu	1	Day34	Chalk& Talk	Direct
35		1 hour	revision	1	Day35	Chalk& Talk	Direct
36		1 hour	revision	1	Day36	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA

B.COM B I SEMESTER

Dr N MAHESHWARI

COURSE CODE- FCA010

PAPER: VANIJYA SIRI-1

WEEKLY 2 HOURS – 2 CREDITS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2. 1	1 hour	Patyagala parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Samskruti parikalpane parichaya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Ks nizar ahamad parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Amma aachara naanu padya	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	ICT	
6		1 hour	contd	1	Day 6	Chalk& Talk	Direct
7	2.	1 hour	Mudnakudu chinna swamy	1	Day 7	Chalk& Talk	Direct
8		1 hour	Elubina handaradolage padya	1	Day 8	Chalk& Talk	Direct
9		1 hour	contd	1	Day 9	Chalk& Talk	Direct
10	3.	1 hour	d.k. rajendra parichaya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Habbagalu prabandha	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13		1 hour	contd	1	Day 13	Chalk& Talk	Direct
14		1 hour	contd	1	Day 14	Chalk& Talk	Direct
15	4.	1 hour	Namma samskruti hemme salade	1	Day 15	Chalk& Talk	Direct

16		1 hour	contd	1	Day 16	Chalk& Talk	Direct
17		1 hour	contd	1	Day 17	Chalk& Talk	Direct
18	4.1.	1 hour	Dikkillada haadu	1	Day 18	Chalk& Talk	Direct
19		1 hour	contd	1	Day 19	Chalk& Talk	Direct
20		1 hour	contd	1	Day 20	Chalk& Talk	Direct
21	2.	1 hour	Poornathey parama kale	1	Day 21	Chalk& Talk	Direct
22		1 hour	contd	1	Day 22	Chalk& Talk	Direct
23		1 hour	contd	1	Day 23	Chalk& Talk	Direct
24	3.	1 hour	Kuniyuva kurudu kanchana	1	Day 24	Chalk& Talk	Direct
25		1 hour	contd	1	Day 25	Chalk& Talk	Direct
26		1 hour	contd	1	Day26	Chalk& Talk	Direct
27		1 hour	contd	1	Day27	Chalk& Talk	Direct
28	4.	1 hour	Movlyagala paalane	1	Day28	Chalk& Talk	Direct
29		1 hour	contd	1	Day29	Chalk& Talk	Direct
30		1 hour	contd	1	Day30	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA

B.COM- A I SEMESTER (AECC)

Dr N MAHESHWARI

COURSE CODE- FCA010

PAPER: VANIJYA SIRI- 1

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	K.S.Nisar Ahamed parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Amma,aachara,nanu -padya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Amma,aachara,nanu -padya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Amma,aachara,nanu -padya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Mudnakudu chinna swamy	1	Day 5	ICT	
6		1 hour	Elubina handaradolage	1	Day 6	Chalk& Talk	Direct
7		1 hour	Elubina handaradolage	1	Day 7	Chalk& Talk	Direct
8		1 hour	D.K. Rajendra parichaya	1	Day 8	Chalk& Talk	Direct
9		1 hour	Habbagalu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Habbagalu	1	Day 10	Chalk& Talk	Direct
11		1 hour	K.Shivaramakaranta parichaya	1	Day 11	Chalk& Talk	Direct

12		1 hour	samskruti hemme Namma salade	1	Day 12	Chalk& Talk	Direct
13		1 hour	samskruti hemme Namma salade	1	Day 13	Chalk& Talk	Direct
14		1 hour	samskruti hemme Namma salade	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA B.SC – PS I SEMESTER (AECC)

Dr N MAHESHWARI

COURSE CODE- FSA010

PAPER: VIJNANA SIRI-1

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	G P RAJARATNAM parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Kannada padagolupadya	1	Day 2	Chalk& Talk	Direct
3		1 hour	munduvarike	1	Day 3	Chalk& Talk	Direct
4		1 hour	Kayyarekiyannaraiparichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Benkibiddidemanegepadya	1	Day 5	ICT	
6		1 hour	munduvarike	1	Day 6	Chalk& Talk	Direct
7		1 hour	Mastivenkatesharaparichaya	1	Day 7	Chalk& Talk	Direct
8		1 hour	Shasanagallinadunudiabhimana	1	Day 8	Chalk& Talk	Direct
9		1 hour	Hoyisalanadalapathikathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	munduvarike	1	Day 10	Chalk& Talk	Direct
11		1 hour	munduvarike	1	Day 11	Chalk& Talk	Direct
12		1 hour	kannadasamvardhane	1	Day 12	Chalk& Talk	Direct
13		1 hour	kannadasamvardhane				

LESSON PLAN/SESSION PLAN –2023-234**DEPARTMENT OF KANNADA****B.SC NS I SEMESTER (AECC)****Dr N MAHESHWARI****COURSE CODE- FSA010****PAPER: VIJNANA SIRI-1****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Introduction to hosagannaddasahitya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Meaning&importance of hosagannadasahitya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Themegalauddesha	1	Day 3	Chalk& Talk	Direct
4		1 hour	Nalkughatakagala theme parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Kannada nadu-nudiparampare	1	Day 5	ICT	
6		1 hour	Bhumi arthavivara	1	Day 6	Chalk& Talk	Direct
7		1 hour	Honnabittuvuholakella	1	Day 7	Chalk& Talk	Direct
8		1 hour	Honnabittuvuholakella	1	Day 8	Chalk& Talk	Direct
9		1 hour	Bhumi geetha-K S Narasimhaswamy	1	Day 9	Chalk& Talk	Direct
10		1 hour	Bhumi geetha-K S Narasimhaswamy	1	Day 10	Chalk& Talk	Direct
11		1 hour	Hkempugini-vasudendra	1	Day 11	Chalk& Talk	Direct
12		1 hour	Hkempugini-vasudendra	1	Day 12	Chalk& Talk	Direct
13		1 hour	Buldojarsamskryti-nageshhegade	1	Day 13	Chalk& Talk	Direct
14		1 hour	Buldojarsamskryti-nageshhegade	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA****B.COM- B****III SEMESTER (AECC)****Dr N MAHESHWARI****COURSE CODE- FCC010A****PAPER: VANIJYA SIRI- 3****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Vachana &vachanakarara parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Vachanaglu	1	Day 2	Chalk& Talk	Direct
3		1 hour	Vachanaglu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Banu mushtaaq parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Benkimale	1	Day 5	Chalk& Talk	Direct
6		1 hour	Benkimale	1	Day 6	Chalk& Talk	Direct
7		1 hour	Benkimale	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kamarida kanasu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Kamarida kanasu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kamarida kanasu	1	Day 10	Chalk& Talk	Direct
11		1 hour	Kamarida kanasu	1	Day 11	Chalk& Talk	Direct
12		1 hour	revision	1	Day 12	Chalk& Talk	Direct
13		1 hour	revision	1	Day 13	Chalk& Talk	Direct
14		1 hour	revision	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA

B.COM- A III SEMESTER (AECC)

Dr N MAHESHWARI

COURSE CODE- FCC010A

PAPER: VANIJYA SIRI- 3

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2. 1	1 hour	Concept of market	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ella maya padya	1	Day 2	Chalk& Talk	Direct
3		1 hour	contd	1	Day 3	Chalk& Talk	Direct
4	2.	1 hour	Kelasavilladavara haadu	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	Chalk& Talk	Direct
6		1 hour	contd	1	Day 6	Chalk& Talk	Direct
7	3.	1 hour	Ati bhogavadu roga.....bega	1	Day 7	Chalk& Talk	Direct
8		1 hour	contd	1	Day 8	Chalk& Talk	Direct
9		1 hour	contd	1	Day 9	Chalk& Talk	Direct
10	4.	1 hour	Medara halliya avasana	1	Day 10	Chalk& Talk	Direct
11		1 hour	contd	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13		1 hour	contd	1	Day 13	Chalk& Talk	Direct
14		1 hour	contd	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA BBA - A I SEMESTER (AECC)****Dr N MAHESHWARI****COURSE CODE- FBA010****PAPER: NIRVAHANA SIRI- 3****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4 .1	1 hour	Indra chapa- chovpadigalu	1	Day 1	Chalk& Talk	Direct
2		1 hour	contd	1	Day 2	Chalk& Talk	Direct
3		1 hour	contd	1	Day 3	Chalk& Talk	Direct
4	2.	1 hour	Yuddha-kavana	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	Chalk& Talk	Direct
6		1 hour	contd	1	Day 6	Chalk& Talk	Direct
7	3.	1 hour	Sambalakke sikkikonda devva	1	Day 7	Chalk& Talk	Direct
8		1 hour	contd	1	Day 8	Chalk& Talk	Direct
9		1 hour	contd	1	Day 9	Chalk& Talk	Direct
10	4.	1 hour	Maanaviyate –ondu anisike	1	Day 10	Chalk& Talk	Direct
11		1 hour	contd	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13		1 hour	contd	1	Day 13	Chalk& Talk	Direct
14		1 hour	revision	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA

BBA - B I SEMESTER

Dr N MAHESHWARI

COURSE CODE-FBA010

PAPER: NIRVAHANA SIRI- 1

WEEKLY 2 HOURS – 2 CREDITS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1.1	1 hour	Patyagala parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ghatakagala parichaya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Kuvempu parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Saayutide nimma nudi.....padya	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	ICT	
6		1 hour	contd	1	Day 6	Chalk& Talk	Direct
7	2	1 hour	Kannada thayiya suprabhatha	1	Day 7	Chalk& Talk	Direct
8		1 hour	contd	1	Day 8	Chalk& Talk	Direct
9	3.	1 hour	Maasti parichaya -kathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nijagallina rani kathe	1	Day 10	Chalk& Talk	Direct
11		1 hour	contd	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13	4.	1 hour	Nanna kannada jagattu	1	Day 13	Chalk& Talk	Direct
14		1 hour	contd	1	Day 14	Chalk& Talk	Direct
15		1 hour	contd	1	Day 15	Chalk& Talk	Direct
16	4 .1	1 hour	Indra chapa- chovpadigalu	1	Day 16	Chalk& Talk	Direct
17		1 hour	contd	1	Day 17	Chalk& Talk	Direct
18		1 hour	contd	1	Day 18	Chalk& Talk	Direct
19	2.	1 hour	Yuddha-kavana	1	Day 19	Chalk& Talk	Direct
20		1 hour	contd	1	Day 20	Chalk& Talk	Direct
21		1 hour	contd	1	Day 21	Chalk& Talk	Direct
22	3.	1 hour	Sambalakke sikkikonda devva	1	Day 22	Chalk& Talk	Direct
23		1 hour	contd	1	Day 23	Chalk& Talk	Direct
24		1 hour	contd	1	Day 24	Chalk& Talk	Direct
25	4.	1 hour	Maanaviyate –ondu anisike	1	Day 25	Chalk& Talk	Direct
26		1 hour	contd	1	Day26	Chalk& Talk	Direct

		1 hour	contd	1	Day 24	Chalk& Talk	Direct
		1 hour	contd	1	Day 25	Chalk& Talk	Direct
		1 hour	revision	1	Day26	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA

BBA - B III SEMESTER

Dr N MAHESHWARI

COURSE CODE- FBC010A

PAPER: NIRVAHANA SIRI- 3

WEEKLY 2 HOURS – 2 CREDITS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Patyagala parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Janapada mahabharatha-parichaya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Byadbyadappa nmgidu sariyalla	1	Day 3	Chalk& Talk	Direct
4		1 hour	contd	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	ICT	
6		1 hour	Kanakdasara parichaya	1	Day 6	Chalk& Talk	Direct
7	2	1 hour	Ati hitadali neevihudu-padya	1	Day 7	Chalk& Talk	Direct
8		1 hour	contd	1	Day 8	Chalk& Talk	Direct
9		1 hour	contd	1	Day 9	Chalk& Talk	Direct
10	3.	1 hour	Devara hena kathe	1	Day 10	Chalk& Talk	Direct
11		1 hour	contd	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13	4.	1 hour	Vycharika prajnege adetadeglu.	1	Day 13	Chalk& Talk	Direct
14		1 hour	contd	1	Day 14	Chalk& Talk	Direct
15		1 hour	contd	1	Day 15	Chalk& Talk	Direct
16	1	1 hour	Lakshmithana parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Parahimseyam madi ...balldapane	1	Day 17	Chalk& Talk	Direct
18		1 hour	contd	1	Day 18	Chalk& Talk	Direct
19		1 hour	contd	1	Day 19	Chalk& Talk	Direct

20	2.	1 hour	Nanjunda kavi parichaya.	1	Day 20	Chalk& Talk	Direct
21		1 hour	Manavelsidavolu nadeydiru...	1	Day 21	Chalk& Talk	Direct
22		1 hour	contd	1	Day 22	Chalk& Talk	Direct
23		1 hour	contd	1	Day 23	Chalk& Talk	Direct
24	3.	1 hour	Ramegowdara parichaya	1	Day 24	Chalk& Talk	Direct
25		1 hour	Vratha itihavnu kenakadiru	1	Day 25	Chalk& Talk	Direct
26		1 hour	contd	1	Day26	Chalk& Talk	Direct
27		1 hour	contd	1	Day 22	Chalk& Talk	Direct
28	4.	1 hour	Bhashantara kale	1	Day 23	Chalk& Talk	Direct
29		1 hour	contd	1	Day 24	Chalk& Talk	Direct
30		1 hour	contd	1	Day 25	Chalk& Talk	Direct
31			revision	1	Day26	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA B.A VI SEMESTER (DSE)

Dr N MAHESHWARI

COURSE CODE- FHF490

PAPER: KANNADA VYAKARANA PARAMPARE

WEEKLY 4 HOURS – 4 CREDITS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Samasa prakarana - samasada vichara	1	Day 1	Chalk& Talk	Direct
2		1 hour	172 , 175 ne sutra	1	Day 2	Chalk& Talk	Direct
3		1 hour	176,178,179 ne sutragalu	1	Day 3	Chalk& Talk	Direct
4		1 hour	179,183,186,187 ne sutragalu	1	Day 4	Chalk& Talk	Direct
5		1 hour	188,189,190 ne sutragalu	1	Day 5	Chalk& Talk	Direct
6	2.	1 hour	Taddita prakarana	1	Day 6	Chalk& Talk	Direct
7		1 hour	Tadditagala vyakhyana	1	Day 7	Chalk& Talk	Direct
8		1 hour	210,212,213 ne sutragalu	1	Day 8	Chalk& Talk	Direct
9		1 hour	225,227,228 ne sutragalu	1	Day 9	Chalk& Talk	Direct
10		1 hour	229,232,233 ne sutragalu	1	Day 10	Chalk& Talk	Direct
11		1 hour	234,235,236 ne sutragalu	1	Day 11	Chalk& Talk	Direct
12		1 hour	238,258,259 ne sutragalu	1	Day 12	Chalk& Talk	Direct
13		1 hour	260,266,267 ne sutragalu	1	Day 13	Chalk& Talk	Direct
14		1 hour	268,269,272 ne sutragalu	1	Day 14	Chalk& Talk	Direct
15		1 hour	273,278,275 ne sutragalu	1	Day 15	Chalk& Talk	Direct
16	3.	1 hour	aakhyata prakarana	1	Day 16	Chalk& Talk	Direct
17		1 hour	aakhyata prsthyayagala parichaya	1	Day 17	Chalk& Talk	Direct
18		1 hour	287,299, ne sutragalu	1	Day 18	Chalk& Talk	Direct
19		1 hour	312,313,314 ne sutragalu	1	Day 19	Chalk& Talk	Direct
20		1 hour	Dhatu prakarana vyakhyana	1	Day 20	Chalk& Talk	Direct
21		1 hour	Avyaya prakarana	1	Day 21	Chalk& Talk	Direct
22		1 hour	Avyaya gala parichaya	1	Day 22	Chalk& Talk	Direct
23		1 hour	315,318,342 ne sutragalu	1	Day 23	Chalk& Talk	Direct
24	4.	1 hour	Kannadada bhasha swaropaa	1	Day 24	Chalk& Talk	Direct
25		1 hour	Kannadada bhasha swaropaa	1	Day 25	Chalk& Talk	Direct
26		1 hour	Kannadada bhasha swaropaa	1	Day26	Chalk& Talk	Direct
27		1 hour		1	Day27	Chalk& Talk	Direct

28		1 hour	Shabdamanidarpanadalli kavyaamsha	1	Day28	Chalk& Talk	Direct
29		1 hour	Shabdamanidarpanadalli kavyaamsha	1	Day29	Chalk& Talk	Direct
30		1 hour	Shabdamanidarpanadalli kavyaamsha	1	Day30	Chalk& Talk	Direct
31		1 hour	Shabdamanidarpanada vyshishtya	1	Day31	Chalk& Talk	Direct
32		1 hour	Shabdamanidarpanada vyshishtya	1	Day 32	Chalk& Talk	Direct
33		1 hour	Shabdamanidarpanada vyshishtya	1	Day33	Chalk& Talk	Direct
34		1 hour	Shabdamanidarpanada vyshishtya	1	Day34	Chalk& Talk	Direct
35		1 hour	revision	1	Day35	Chalk& Talk	Direct
36		1 hour	revision	1	Day36	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA

B.COM B II SEMESTER

Dr N MAHESHWARI

COURSE CODE- FCB010

PAPER: VANIJYA SIRI-2

WEEKLY 2 HOURS – 2 CREDITS

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2. 1	1 hour	Patyagala parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Samskruti parikalpane parichaya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Ks nizar ahamad parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Amma aachara naanu padya	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	ICT	
6		1 hour	contd	1	Day 6	Chalk& Talk	Direct
7	2.	1 hour	Mudnakudu chinna swamy	1	Day 7	Chalk& Talk	Direct
8		1 hour	Elubina handaradolage padya	1	Day 8	Chalk& Talk	Direct
9		1 hour	contd	1	Day 9	Chalk& Talk	Direct
10	3.	1 hour	d.k. rajendra parichaya	1	Day 10	Chalk& Talk	Direct
11		1 hour	Habbagalu prabandha	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct

13		1 hour	contd	1	Day 13	Chalk& Talk	Direct
14		1 hour	contd	1	Day 14	Chalk& Talk	Direct
15	4.	1 hour	Namma samskruti hemme salade	1	Day 15	Chalk& Talk	Direct
16		1 hour	contd	1	Day 16	Chalk& Talk	Direct
17		1 hour	contd	1	Day 17	Chalk& Talk	Direct
18	4.1.	1 hour	Dikkillada haadu	1	Day 18	Chalk& Talk	Direct
19		1 hour	contd	1	Day 19	Chalk& Talk	Direct
20		1 hour	contd	1	Day 20	Chalk& Talk	Direct
21	2.	1 hour	Poornatheyy parama kale	1	Day 21	Chalk& Talk	Direct
22		1 hour	contd	1	Day 22	Chalk& Talk	Direct
23		1 hour	contd	1	Day 23	Chalk& Talk	Direct
24	3.	1 hour	Kuniyuva kurudu kanchana	1	Day 24	Chalk& Talk	Direct
25		1 hour	contd	1	Day 25	Chalk& Talk	Direct
26		1 hour	contd	1	Day26	Chalk& Talk	Direct
27		1 hour	contd	1	Day27	Chalk& Talk	Direct
28	4.	1 hour	Movlyagala paalane	1	Day28	Chalk& Talk	Direct
29		1 hour	contd	1	Day29	Chalk& Talk	Direct
30		1 hour	contd	1	Day30	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA

B.COM- A II SEMESTER (AECC)

Dr N MAHESHWARI

COURSE CODE- FCB010

PAPER: VANIJYA SIRI- 2

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	K.S.Nisar Ahamed parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Amma,aachara,nanu -padya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Amma,aachara,nanu -padya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Amma,aachara,nanu -padya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Mudnakudu chinna swamy	1	Day 5	ICT	
6		1 hour	Elubina handaradolage	1	Day 6	Chalk& Talk	Direct
7		1 hour	Elubina handaradolage	1	Day 7	Chalk& Talk	Direct
8		1 hour	D.K. Rajendra parichaya	1	Day 8	Chalk& Talk	Direct

9		1 hour	Habbagalu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Habbagalu	1	Day 10	Chalk& Talk	Direct
11		1 hour	K.Shivaramakaranta parichaya	1	Day 11	Chalk& Talk	Direct
12		1 hour	samskruti hemme Namma salade	1	Day 12	Chalk& Talk	Direct
13		1 hour	samskruti hemme Namma salade	1	Day 13	Chalk& Talk	Direct
14		1 hour	samskruti hemme Namma salade	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24

DEPARTMENT OF KANNADA

B.SC – PS II SEMESTER (AECC)

Dr N MAHESHWARI

COURSE CODE- FSB010

PAPER: VIJNANA SIRI-2

WEEKLY 1 HOUR – 1 CREDIT

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	G P RAJARATNAM parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Kannada padagolupadya	1	Day 2	Chalk& Talk	Direct
3		1 hour	munduvarike	1	Day 3	Chalk& Talk	Direct
4		1 hour	Kayyarekiyannaraiparichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Benkibiddidemanegepadya	1	Day 5	ICT	
6		1 hour	munduvarike	1	Day 6	Chalk& Talk	Direct
7		1 hour	Mastivenkatesharaparichaya	1	Day 7	Chalk& Talk	Direct
8		1 hour	Shasanagallinadunudiabhimana	1	Day 8	Chalk& Talk	Direct
9		1 hour	Hoyisalanadalapathikathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	munduvarike	1	Day 10	Chalk& Talk	Direct
11		1 hour	munduvarike	1	Day 11	Chalk& Talk	Direct
12		1 hour	kannadasamvardhane	1	Day 12	Chalk& Talk	Direct
13		1 hour	kannadasamvardhane				

LESSON PLAN/SESSION PLAN –2023-234**DEPARTMENT OF KANNADA****B.SC NS II SEMESTER (AECC)****Dr N MAHESHWARI****COURSE CODE- FSB010****PAPER: VIJNANA SIRI-2****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Introduction to hosagannaddasahitya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Meaning&importance of hosagannadasahitya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Themegalauddesha	1	Day 3	Chalk& Talk	Direct
4		1 hour	Nalkughatakagala theme parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Kannada nadu-nudiparampare	1	Day 5	ICT	
6		1 hour	Bhumi arthavivara	1	Day 6	Chalk& Talk	Direct
7		1 hour	Honnabittivevuholakella	1	Day 7	Chalk& Talk	Direct
8		1 hour	Honnabittivevuholakella	1	Day 8	Chalk& Talk	Direct
9		1 hour	Bhumi geetha-K S Narasimhaswamy	1	Day 9	Chalk& Talk	Direct
10		1 hour	Bhumi geetha-K S Narasimhaswamy	1	Day 10	Chalk& Talk	Direct
11		1 hour	Hkempugini-vasudendra	1	Day 11	Chalk& Talk	Direct
12		1 hour	Hkempugini-vasudendra	1	Day 12	Chalk& Talk	Direct
13		1 hour	Buldojarsamskryti-nageshhegade	1	Day 13	Chalk& Talk	Direct
14		1 hour	Buldojarsamskryti-nageshhegade	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA****B.COM- B****IV SEMESTER (AECC)****Dr N MAHESHWARI****COURSE CODE- FCD010****PAPER: VANIJYA SIRI- 4****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1 hour	Vachana &vachanakarara parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Vachanaglu	1	Day 2	Chalk& Talk	Direct
3		1 hour	Vachanaglu	1	Day 3	Chalk& Talk	Direct
4		1 hour	Banu mushtaaq parichaya	1	Day 4	Chalk& Talk	Direct
5		1 hour	Benkimale	1	Day 5	Chalk& Talk	Direct
6		1 hour	Benkimale	1	Day 6	Chalk& Talk	Direct
7		1 hour	Benkimale	1	Day 7	Chalk& Talk	Direct
8		1 hour	Kamarida kanasu	1	Day 8	Chalk& Talk	Direct
9		1 hour	Kamarida kanasu	1	Day 9	Chalk& Talk	Direct
10		1 hour	Kamarida kanasu	1	Day 10	Chalk& Talk	Direct
11		1 hour	Kamarida kanasu	1	Day 11	Chalk& Talk	Direct
12		1 hour	revision	1	Day 12	Chalk& Talk	Direct
13		1 hour	revision	1	Day 13	Chalk& Talk	Direct
14		1 hour	revision	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA****B.COM- A****IV SEMESTER (AECC)****Dr N MAHESHWARI****COURSE CODE- FCD010****PAPER: VANIJYA SIRI- 4****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2. 1	1 hour	Concept of market	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ella maya padya	1	Day 2	Chalk& Talk	Direct
3		1 hour	contd	1	Day 3	Chalk& Talk	Direct
4	2.	1 hour	Kelasavilladavara haadu	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	Chalk& Talk	Direct
6		1 hour	contd	1	Day 6	Chalk& Talk	Direct
7	3.	1 hour	Ati bhogavadu roga.....bega	1	Day 7	Chalk& Talk	Direct
8		1 hour	contd	1	Day 8	Chalk& Talk	Direct
9		1 hour	contd	1	Day 9	Chalk& Talk	Direct
10	4.	1 hour	Medara halliya avasana	1	Day 10	Chalk& Talk	Direct
11		1 hour	contd	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13		1 hour	contd	1	Day 13	Chalk& Talk	Direct
14		1 hour	contd	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA BBA - A II SEMESTER (AECC)****Dr N MAHESHWARI****COURSE CODE- FBB010****PAPER: NIRVAHANA SIRI- 2****WEEKLY 1 HOUR – 1 CREDIT**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4 .1	1 hour	Indra chapa- chovpadigalu	1	Day 1	Chalk& Talk	Direct
2		1 hour	contd	1	Day 2	Chalk& Talk	Direct
3		1 hour	contd	1	Day 3	Chalk& Talk	Direct
4	2.	1 hour	Yuddha-kavana	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	Chalk& Talk	Direct
6		1 hour	contd	1	Day 6	Chalk& Talk	Direct
7	3.	1 hour	Sambalakke sikkikonda devva	1	Day 7	Chalk& Talk	Direct
8		1 hour	contd	1	Day 8	Chalk& Talk	Direct
9		1 hour	contd	1	Day 9	Chalk& Talk	Direct
10	4.	1 hour	Maanaviyate –ondu anisike	1	Day 10	Chalk& Talk	Direct
11		1 hour	contd	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13		1 hour	contd	1	Day 13	Chalk& Talk	Direct
14		1 hour	revision	1	Day 14	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA BBA - B II SEMESTER****Dr N MAHESHWARI****COURSE CODE-FBB010****PAPER: NIRVAHANA SIRI- 2****WEEKLY 2 HOURS – 2 CREDITS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1.1	1 hour	Patyagala parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Ghatakagala parichaya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Kuvempu parichaya	1	Day 3	Chalk& Talk	Direct
4		1 hour	Saayutide nimma nudi.....padya	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	ICT	
6		1 hour	contd	1	Day 6	Chalk& Talk	Direct
7	2	1 hour	Kannada thayiya suprabhatha	1	Day 7	Chalk& Talk	Direct
8		1 hour	contd	1	Day 8	Chalk& Talk	Direct
9	3.	1 hour	Maasti parichaya -kathe	1	Day 9	Chalk& Talk	Direct
10		1 hour	Nijagallina rani kathe	1	Day 10	Chalk& Talk	Direct
11		1 hour	contd	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13	4.	1 hour	Nanna kannada jagattu	1	Day 13	Chalk& Talk	Direct
14		1 hour	contd	1	Day 14	Chalk& Talk	Direct
15		1 hour	contd	1	Day 15	Chalk& Talk	Direct
16	4 .1	1 hour	Indra chapa- chovpadigalu	1	Day 16	Chalk& Talk	Direct
17		1 hour	contd	1	Day 17	Chalk& Talk	Direct
18		1 hour	contd	1	Day 18	Chalk& Talk	Direct
19	2.	1 hour	Yuddha-kavana	1	Day 19	Chalk& Talk	Direct
20		1 hour	contd	1	Day 20	Chalk& Talk	Direct
21		1 hour	contd	1	Day 21	Chalk& Talk	Direct
22	3.	1 hour	Sambalakke sikkikonda devva	1	Day 22	Chalk& Talk	Direct
23		1 hour	contd	1	Day 23	Chalk& Talk	Direct
24		1 hour	contd	1	Day 24	Chalk& Talk	Direct
25	4.	1 hour	Maanaviyate –ondu anisike	1	Day 25	Chalk& Talk	Direct
26		1 hour	contd	1	Day26	Chalk& Talk	Direct
		1 hour	contd	1	Day 24	Chalk& Talk	Direct
		1 hour	contd	1	Day 25	Chalk& Talk	Direct
		1 hour	revision	1	Day26	Chalk& Talk	Direct

LESSON PLAN/SESSION PLAN –2023-24**DEPARTMENT OF KANNADA BBA - B IV SEMESTER****Dr N MAHESHWARI****COURSE CODE- FBD010****PAPER: NIRVAHANA SIRI- 4****WEEKLY 2 HOURS – 2 CREDITS**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1 hour	Patyagala parichaya	1	Day 1	Chalk& Talk	Direct
2		1 hour	Janapada mahabharatha-parichaya	1	Day 2	Chalk& Talk	Direct
3		1 hour	Byadbyadappa nmgidu sariyalla	1	Day 3	Chalk& Talk	Direct
4		1 hour	contd	1	Day 4	Chalk& Talk	Direct
5		1 hour	contd	1	Day 5	ICT	
6		1 hour	Kanakdasara parichaya	1	Day 6	Chalk& Talk	Direct
7	2	1 hour	Ati hitadali neevihudu-padya	1	Day 7	Chalk& Talk	Direct
8		1 hour	contd	1	Day 8	Chalk& Talk	Direct
9		1 hour	contd	1	Day 9	Chalk& Talk	Direct
10	3.	1 hour	Devara hena kathe	1	Day 10	Chalk& Talk	Direct
11		1 hour	contd	1	Day 11	Chalk& Talk	Direct
12		1 hour	contd	1	Day 12	Chalk& Talk	Direct
13	4.	1 hour	Vycharika prajnege adetadeglu.	1	Day 13	Chalk& Talk	Direct
14		1 hour	contd	1	Day 14	Chalk& Talk	Direct
15		1 hour	contd	1	Day 15	Chalk& Talk	Direct
16	1	1 hour	Lakshmishana parichaya	1	Day 16	Chalk& Talk	Direct
17		1 hour	Parahimseyam madi ...balldapane	1	Day 17	Chalk& Talk	Direct
18		1 hour	contd	1	Day 18	Chalk& Talk	Direct
19		1 hour	contd	1	Day 19	Chalk& Talk	Direct
20	2.	1 hour	Nanjunda kavi parichaya.	1	Day 20	Chalk& Talk	Direct
21		1 hour	Manavelsidavolu nadeydiru...	1	Day 21	Chalk& Talk	Direct
22		1 hour	contd	1	Day 22	Chalk& Talk	Direct
23		1 hour	contd	1	Day 23	Chalk& Talk	Direct
24	3.	1 hour	Ramegowdara parichaya	1	Day 24	Chalk& Talk	Direct
25		1 hour	Vratha itihavasvnu kenakadiru	1	Day 25	Chalk& Talk	Direct
26		1 hour	contd	1	Day26	Chalk& Talk	Direct
27		1 hour	contd	1	Day 22	Chalk& Talk	Direct
28	4.	1 hour	Bhashantara kale	1	Day 23	Chalk& Talk	Direct
29		1 hour	contd	1	Day 24	Chalk& Talk	Direct

2024 March 01-10

Date	Course	Semester	Paper title	Topic	Start time	End time	Duration (hour)	Remarks
01/03/2024	B.Sc.	II	Diversity of Non Flowering Plants	Nostoc	9	12	3	
02/03/2024	B.Sc.	VI	Plant Biotechnology	M.S. Media & Inoculation of Explant	9	12	3	
	B.Sc.	II	Diversity of Non Flowering Plants	Classification of Gymnosperms	1	2	1	
03/03/2024	Sunday							
04/03/2024	B.Sc.	II	Diversity of Non Flowering Plants	Cultivation Of Spirulina, Algal Products	9	12	3	
05/03/2024 & 06/03/2024	SCL Valuation @ YCM, Mysuru							
07/03/2024	B.Sc.	I	Diversity of Non Flowering Plants	Introduction	1	2	1	
08/03/2024	Holiday- Maha Shivarathri							
09/03/2024	B.Sc.	VI	Plant Biotechnology	Anther, Embyo, Endosperm culture. Micro propagation, Somatic embryogenesis	9	12	3	
	B.Sc.	I	Diversity of Non Flowering Plants	No Class				
10/03/2024	Sunday							

March 11-17

Date	Course	Semester	Paper title	Topic	Start time	End time	Duration (hour)	Remarks
11/03/2024	B.Sc.	II	Diversity of Non Flowering Plants	Nostoc	9	12	3	
12/03/2024	B.Sc.	VI	Ecology and conservation biology	Hydrophytes	10	1	3	
13/03/2024	B.Sc.	VI	Plant physiology and Biochemistry	Paper chromatography	11	2	3	
	B.Sc.	VI	Plant physiology and Biochemistry	Absorption of water	3.30	4.30	1	
14/03/2024	B.Sc.	IV	Ecology and conservation biology	Air pollution	3.30	4.30	1	
	B.Sc.	VI	Plant physiology and Biochemistry	Factors affecting Absorption of water	4.30	5.30	1	
15/03/2024	B.Sc.	IV	Ecology and conservation biology	Air pollution	2.30	3.30	1	
	B.Sc.	VI	Plant physiology and Biochemistry	Transpiration	4.30	5.30	1	
16/03/2024	B.Sc.	VI	Plant Biotechnology	Synthetic Seed pre.	9	12	3	
	B.Sc.	II	Diversity of Non Flowering Plants	Geological time scale	1	2	1	
17/03/2024	Sunday							

March 18-24

Date	Course	Semester	Paper title	Topic	Start time	End time	Duration (hour)	Remarks
18/03/2024	OOD (Ph. D open viva)							
19/03/2024	B.Sc.	IV	Ecology and conservation biology	Ecological adaptations	10	1	3	
20/03/2024	B.Sc.	VI	Plant physiology and Biochemistry	O ₂ Evolution	11	2	3	
	B.Sc.	VI	Plant physiology and Biochemistry	Transpiration	3.30	4.30	1	
21/03/2024	B.Sc.	IV	Ecology and conservation biology	Biodiversity	3.30	4.30	1	
	B.Sc.	VI	Plant physiology and Biochemistry	Factors affecting Transpiration	4.30	5.30	1	
22/03/2024	B.Sc.	IV	Ecology and conservation biology	Biodiversity introduction	2.30	3.30	1	
	B.Sc.	VI	Plant physiology and Biochemistry	Transpiration	4.30	5.30	1	
23/03/2024	B.Sc.	VI	Plant Biotechnology	Gene transfer tec.	9	12	3	
	B.Sc.	II	Diversity of Non Flowering Plants	Fossils	1	2	1	
24/03/2024	Sunday							

March 25-31

Date	Course	Semester	Paper title	Topic	Start time	End time	Duration (hour)	Remarks
25/03/2024	NSS Camp inauguration @ Basavanahalli							
26/03/2024	B.Sc.	IV	Ecology and conservation biology	Application of Remote Sensing	10	1	3	
27/03/2024	B.Sc.	VI	Plant physiology and Biochemistry	I A test	11	2	3	
	B.Sc.	VI	Plant physiology and Biochemistry	Ascent of sap	3.30	4.30	1	
28/03/2024	B.Sc.	IV	Ecology and conservation biology	Diversity in India	3.30	4.30	1	
	B.Sc.	VI	Plant physiology and Biochemistry	Physical force theory	4.30	5.30	1	
29/03/2024	Good Friday Holiday							
30/03/2024	B.Sc.	VI	Plant Biotechnology	Revision	9	12	3	
	B.Sc.	II	Diversity of Non Flowering Plants	Fossils	1	2	1	
31/03/2024	Sunday							

Faculty

Head of the Department

Principal

JSS COLLEGE OOTY ROAD MYSORE-570 025
DEPARTMENT OF MICROBIOLOGY
LESSON PLAN-2023-24
EVEN Semester (II, IV & VI)

PROGRAMME: B.SC
NAME: Dr. M.SEEMA

MONTH	WEEK	SEMESTER	COURSE CODE	TOPICS TO BE COVERED	METHODS TO BE ADOPTED
FEBRUARY	III	I B.Sc., II Sem	FSB500	Macromolecules and Microbial nutrients: Definition, properties, classification and importance of carbohydrates, Amino acids,	BLACK BOARD
		II B.Sc.,IV Sem	FSD500	Chemoheterotrophic Metabolism- Sugar degradation pathways i.e. EMP.	
		III B.Sc.,VISem	FSF500	Normal microflora of human skin, oralcavity, gastrointestinal tract, urogenital tract and their importance	
			FSF502	Introduction to Industrial Microbiology: Scope and concepts. Microorganisms of industrial importance: Selection criteria,	
	IV	I B.Sc., II Sem	FSB500	Definition, properties, classification and importance of proteins, Lipids and Fats	
		II B.Sc.,IV Sem	FSD500	ED, Pentosephosphate pathway TCA cycle	
		III B.Sc.,VISem	FSF500	Host pathogen interaction: Definitions -Infection, invasion, Pathogenicity, Virulence, Attenuation, Exaltation	
			FSF502	Strain improvement and Preservation. Fermentor: Design and components of a bioreactor.	
	V	I B.Sc., II Sem	FSB500	Definition, properties, classification and importance of Porphyrins and Vitamins	
		II B.Sc.,IV Sem	FSD500	Utilization of Lactose, Maltose, Cellulose and Pectin.	
		III B.Sc.,VISem	FSF500	Toxicogenicity, Carriers andtheir types. Infection-types of infection	
			FSF502	Specialized bioreactors: Airlift bioreactors, fluidized bed reactor,packed bed reactors, Photo-bioreactors and membrane bioreactors.	
I	I B.Sc., II Sem	FSB500	Microbial Nutrition: Microbial nutrients- Macro and micronutrients	BLACK BOARD	
	II B.Sc.,IV Sem	FSD500	Fermentation: Concept of linear and branched fermentation pathways.		

MARCH		III B.Sc., VISem	FSF500	modes of transmission of infection, portal of entry of pathogen	BLACK BOARD
			FSF502	Sterilization of fermentor. Control of air, temperature and pH.	
	II	I B.Sc., II Sem	FSB500	Classification of organisms based on carbon source, energy source and electron source,	
		II B.Sc., IV Sem	FSD500	Alcoholfermentation and Pasteur effect	
		III B.Sc., VISem	FSF500	Sample collection, transport and diagnosis	
			FSF502	Aseptic inoculation and sampling methods	
	III	I B.Sc., II Sem	FSB500	Major nutritional classification of microorganisms. Cellular transport: Passive, Facilitated	
		II B.Sc., IV Sem	FSD500	2, 3-butanediol fermentation, acetate Fermentation.	
		III B.Sc., VISem	FSF500	Medical Bacteriology: Symptoms, mode of transmission, prophylaxis and control of the following- respiratory diseases caused by <i>Streptococcus pyogenes</i>	
			FSF502	Fermentation media and process: Strategies for media formulation, Natural and synthetic media.	
	IV	I B.Sc., II Sem	FSB500	Active, Group Translocation, Uptake of iron,	
		II B.Sc., IV Sem	FSD500	Chemolithotrophic Metabolism: Hydrogen oxidation, Sulphur oxidation, Iron oxidation.	
		III B.Sc., VISem	FSF500	<i>Haemophilus influenzae</i>	
			FSF502	Production medium.	
	V	I B.Sc., II Sem	FSB500	Membrane bound and binding protein transport system-ATPase.	
		II B.Sc., IV Sem	FSD500	Anaerobic respiration with special reference to assimilatory sulphate reduction	
		III B.Sc., VISem	FSF500	<i>Mycobacterium tuberculosis</i>	
			FSF502	Inoculum medium	
	APRIL	I	I B.Sc., II Sem	FSB500	
		II B.Sc., IV Sem	FSD500	Nitrogen metabolism: Biological nitrogen fixation- nodulation in	

			leguminous plants
	III B.Sc.,VISem	FSF500	Gastrointestinal Diseases caused by: <i>Escherichia coli</i> , <i>Salmonella typhi</i>
		FSF502	Raw materials (Molasses and its types, corn steep liquor, sulphite waste liquor and whey).
II	I B.Sc., II Sem	FSB500	Oxidation reduction reactions, equilibrium constant, Redox potential, Laws of thermodynamics.
	II B.Sc.,IV Sem	FSD500	Nitrogenase, leghaemoglobin, Ammonia assimilation.
	III B.Sc.,VISem	FSF500	<i>Vibrio cholerae</i> , Others: <i>Treponema pallidum</i> , <i>Staphylococcus aureus</i> , <i>Clostridium tetani</i> .
		FSF502	Buffers, Precursors, Inhibitors.
III	I B.Sc., II Sem	FSB500	Microbial Respiration: Structure, types and function of cytochrome
	II B.Sc.,IV Sem	FSD500	Assimilatory nitrate reduction, dissimilatory nitrate reduction, denitrification
	III B.Sc.,VISem	FSF500	Medical Virology Parasitology and Mycology: Symptoms, mode of transmission, prophylaxis and control of Polio, Hepatitis-B, Rabies
		FSF502	Antifoam agents
IV	I B.Sc., II Sem	FSB500	Respiratory electron transport chain in bacteria
	II B.Sc.,IV Sem	FSD500	Biosynthesis of non-essential amino acids and Amino acid degradation.
	III B.Sc.,VISem	FSF500	Dengue, AIDS, Corona and Chikungunya.
		FSF502	Types of fermentation process
V	I B.Sc., II Sem	FSB500	oxidative and substrate level phosphorylation-inhibitors and mechanism
	II B.Sc.,IV Sem	FSD500	Biosynthesis of long chain fatty acids- plamitate and lipid degradation (beta oxidation).
	III B.Sc.,VISem	FSF500	Malaria, Kala-azar, Amoebic dysentery.
		FSF502	Submerged fermentation,

MAY	I	I B.Sc., II Sem	FSB500	chemiosmotic coupling. Fermentation reactions (homo and hetero).	BLACK BOARD
		II B.Sc.,IV Sem	FSD500	Metabolism of carbon compounds: Methylotrophs-	
		III B.Sc.,VISem	FSF500	Fungal infections: Cutaneous mycoses- Tinea infections, Systemic mycoses- Histoplasmosis and Opportunistic mycoses- Candidiasis.	
			FSF502	Solid state Fermentation (Koji),	
	I	I B.Sc., II Sem	FSB500	Microbial Photosynthesis: Light reaction	
		II B.Sc.,IV Sem	FSD500	Oxidation of methane, methanol,methylamines	
		III B.Sc.,VISem	FSF500	Antimicrobial agents: General characteristics and mode of action Antibacterial agents: Inhibitor of nucleic acid synthesis; Inhibitor of cell wall synthesis; Inhibitor of cell membrane function;	
			FSF502	Types of fermentation	
	II	I B.Sc., II Sem	FSB500	Light harvesting pigments	
		II B.Sc.,IV Sem	FSD500	Carbon assimilation in methylotrophic bacteria	
		III B.Sc.,VISem	FSF500	Inhibitor of protein synthesis; Inhibitor of metabolism.Mechanism of action of antifungal agents:AmphotericinB,Griseofulvin	
			FSF502	Batch fermentation	
	III	I B.Sc., II Sem	FSB500	structure of bacterial chlorophyll, Photophosphorylation,	
		II B.Sc.,IV Sem	FSD500	Methanogens	
		III B.Sc.,VISem	FSF500	Antiviral agents: Acyclovir, Azidothymidine.	
FSF502			Batch fermentation		
IV	I B.Sc., II Sem	FSB500	CO2 fixation pathways: Calvin cycle		
	II B.Sc.,IV Sem	FSD500	Acetic acid		

				bacteria- Ethanol oxidation	
		III B.Sc., VISEm	FSF500	Antibioticresistance,MDR,XDR	
			FSF502	Continous fermentation	
	V	I B.Sc., II Sem	FSB500	Reductive TCA pathway.	
		II B.Sc.,IV Sem	FSD500	sugar alcohol oxidation	
		III B.Sc., VISEm	FSF500	MRSA,NDM-1	
			FSF502	Continous fermentation	

JSS COLLEGE OOTY ROAD MYSORE-570 025
DEPARTMENT OF MICROBIOLOGY
LESSON PLAN-2023-24
EVEN Semester (II, IV &VI)

PROGRAMME: B.SC

NAME: Dr. SPOORTHY. H.P

MONTH	WEEK	SEMESTER	COURSE CODE	TOPICS TO BE COVERED	METHODS TO BE ADOPTED
FEBRUARY	III	I B.Sc., II Sem	FSB500	Major elements of life and their primary characteristics, atomic bonds and molecules-bonding	BLACK BOARD
		II B.Sc.,IV Sem	FSD500	Enzymes- Definition, nomenclature	
		III B.Sc.,VISem	FSF500	Antigen-antibody reactions: Definition, salient features, antibody affinity and avidity, cross reaction. Example each. National Immunization Schedule and Mission Indradhanush	
				FSF502	
	IV	I B.Sc., II Sem	FSB500	Properties of carbon, chemical bonds- covalent and non-covalent, Hydrogen bonds and Vander Waal Forces.	
		II B.Sc.,IV Sem	FSD500	IUB system of classification.	
		III B.Sc.,VISem	FSF500	Agglutination reactions: Hemagglutination-blood grouping,	
			FSF502	Methods of downstream processing: Precipitation, filtration	
	V	I B.Sc., II Sem	FSB500	Biological Solvents: Structure and properties of water molecule, Water as an universal solvent,	
		II B.Sc.,IV Sem	FSD500	Definition of terms: enzyme unit, specific activity and turnover number.	
		III B.Sc.,VISem	FSF500	Immunoprecipitation : Radial (Mancini) and double (Ouchterlony) immunodiffusion and Immunoelectrophoresis.	

			FSF502	Centrifugation, distillation,	
MARCH	I	I B.Sc., II Sem	FSB500	Polarity, hydrophilic and hydrophobic interactions,	BLACK BOARD
		II B.Sc.,IV Sem	FSD500	Enzyme types with example: exo and endoenzymes,	
		III B.Sc.,VISem	FSF500	Complement mediated opsonization, complement fixation test.	
			FSF502	Cell disruption, solvent recovery, drying and crystallization.	
	II	I B.Sc., II Sem	FSB500	Properties of water	
		II B.Sc.,IV Sem	FSD500	Constitutive and induced enzymes,	
		III B.Sc.,VISem	FSF500	Immunotechniques: ELISA,	
			FSF502	Microbial production of industrial products: Industrial production and uses of Ethyl alcohol, wine,	
	III	I B.Sc., II Sem	FSB500	Acids, bases, electrolytes, hydrogen ion concentration,	
		II B.Sc.,IV Sem	FSD500	Monomeric, Oligomeric and Multimeric enzymes,	
		III B.Sc.,VISem	FSF500	Radioimmunoassay	
			FSF502	Penicillin, Lactic acid,	
	IV	I B.Sc., II Sem	FSB500	pH, buffers and physiological buffer system	
		II B.Sc.,IV Sem	FSD500	Multi-enzyme complex,	
		III B.Sc.,VISem	FSF500	Immunofluorescence.	
			FSF502	Citric acid, Amylase. Oyster mushroom cultivation.	
	V	I B.Sc., II Sem	FSB500	Microbial Growth: Definition of growth, Mathematical expression, Growth curve, phases of growth,	
II B.Sc.,IV Sem		FSD500	Isozyme, Lysozyme,		
III B.Sc.,VISem		FSF500	Hypersensitive reactions: Classification		
		FSF502	Enzyme immobilization: Immobilized enzymes, Reversible immobilization- Adsorption,		
APRIL	I	I B.Sc., II Sem	FSB500	Calculation of generation time and specific growth rate. Synchronous growth,	BLACK BOARD
		II B.Sc.,IV Sem	FSD500	Ribozymes, abzymes.	

		III B.Sc., VISem	FSF500	Hypersensitive reactions: Classification			
			FSF502	Irreversible immobilization-covalent coupling, entrapment, copolymerization. Applications of			
	II	I B.Sc., II Sem	FSB500	Continuous growth (chemostat and turbidostat),			
		II B.Sc., IV Sem	FSD500	Structure of enzyme: Apoenzyme			
		III B.Sc., VISem	FSF500	Antibody mediated hypersensitivity; Type I (IgE),			
			FSF502	Enzyme immobilization, Advantages and disadvantages of immobilized enzymes.			
	III	I B.Sc., II Sem	FSB500	Diauxic growth.			
		II B.Sc., IV Sem	FSD500	Cofactors, prosthetic group-TPP,.			
		III B.Sc., VISem	FSF500	Type II (IgG and IgM-ADCC),			
			FSF502	Isolation of DNA, restriction digestion and ligation of DNA, Agarose gel electrophoresis,			
	IV	I B.Sc., II Sem	FSB500	Measurement of Growth: Direct Microscopic count - Haemocytometer;			
		II B.Sc., IV Sem	FSD500	coenzyme-NAD			
		III B.Sc., VISem	FSF500	Type III (Antigen-antibody complex),			
			FSF502	Blotting techniques, DNA sequencing- Sanger's method.			
	V	I B.Sc., II Sem	FSB500	Viable count, Membrane filtration; Electronic Counting;			
		II B.Sc., IV Sem	FSD500	Active site- properties and role.			
		III B.Sc., VISem	FSF500	Cell mediated hypersensitivity Type IV (DTH).			
			FSF502	PCR techniques and applications. DNA transfer methods: Microinjection, Biolistic, Electroporation, Calcium phosphate mediated NA transfer.			
	MAY	I	I B.Sc., II Sem	FSB500		Measurement of cell mass; Turbidity measurements- Nephelometer and spectrophotometer techniques;	BLACK BOARD
			II B.Sc., IV Sem	FSD500		Mechanism of enzyme action.	
III B.Sc., VISem			FSF500	Autoimmune diseases			
			FSF502	Identification and selection of recombinants: DNA			

				hybridization, blue white selection, colony and plaque hybridization.	
	I	I B.Sc., II Sem	FSB500	Measurements of cell constituents.	
		II B.Sc.,IV Sem	FSD500	Lock and key hypothesis and Induced Fit hypothesis.	
		III B.Sc.,VISem	FSF500	Autoimmne diseases	
			FSF502	Industrial production of recombinant products: Products of human therapeutic interest – insulin, hGH, antisense molecules. Bt Cotton, Bt Brinjal.	
	II	I B.Sc., II Sem	FSB500	Growth Yield (definition of terms). Influence of environmental factors on growth	
		II B.Sc.,IV Sem	FSD500	Enzyme catalysis: types	
		III B.Sc.,VISem	FSF500	Immunoprophylaxis-Vaccines	
			FSF502	Gene therapy, recombinant vaccines.	
	III	I B.Sc., II Sem	FSB500	Microbial growth in natural environments.	
		II B.Sc.,IV Sem	FSD500	Factors affecting the enzyme catalysed reaction.	
		III B.Sc.,VISem	FSF500	Types-Killed,Live attenuated and Toxoid with an Example each.	
			FSF502	Biological, ethical and social issues of gene cloning and IPR.	
	IV	I B.Sc., II Sem	FSB500	Viable non-culturable organisms.	
		II B.Sc.,IV Sem	FSD500	Enzyme kinetics- Michaeli's and Menten equation,	
		III B.Sc.,VISem	FSF500	National Immunization Schedule	
			FSF502	Gene Library: Construction and application of cDNA and genomic libraries.	
	V	I B.Sc., II Sem	FSB500	Quorum sensing	
		II B.Sc.,IV Sem	FSD500	Lineweaver-Burk plot	
		III B.Sc.,VISem	FSF500	Mission Indradhanush.	
			FSF502	Application of recombinant microorganisms in basic research, industry, medicine, agriculture, environment	

JSS COLLEGE OOTY ROAD MYSORE-570 025
DEPARTMENT OF MICROBIOLOGY
LESSON PLAN-2023-24
EVEN Semester (II, IV &VI)

PROGRAMME: B.SC
NAME : Latha G.K

MONTH	WEEK	SEMESTER	COURSE CODE	TOPICS TO BE COVERED	METHODS TO BE ADOPTED
	III	II B.Sc.,IV Sem	FSD500	Enzymes- Definition, nomenclature	
		III B.Sc.,VISem	FSF500	Antigen-antibody reactions: Definition, salient features, antibody affinity and avidity, cross reaction. Example each. National Immunization Schedule and Mission Indradhanush	
			FSF502	Downstream processing- Definition, Stages in downstream processing.	
	IV	I B.Sc., II Sem	FSB500	Properties of carbon, chemical bonds- covalent and non-covalent, Hydrogen bonds and Vander Waal Forces.	
		II B.Sc.,IV Sem	FSD500	IUB system of classification.	
		III B.Sc.,VISem	FSF500	Agglutination reactions: Hemagglutination-blood grouping,	
			FSF502	Methods of downstream processing: Precipitation, filtration	
	V	I B.Sc., II Sem	FSB500	Biological Solvents: Structure and properties of water molecule, Water as an universal solvent,	
		II B.Sc.,IV Sem	FSD500	Definition of terms: enzyme unit, specific activity and turnover number.	
		III B.Sc.,VISem	FSF500	Immunoprecipitation : Radial (Mancini) and double (Ouchterlony) immunodiffusion and Immunoelectrophoresis.	
			FSF502	Centrifugation, distillation,	
	I	I B.Sc., II Sem	FSB500	Polarity, hydrophilic and hydrophobic interactions,	
II B.Sc.,IV Sem		FSD500	Enzyme types with example: exo and endoenzymes,		
III B.Sc.,VISem		FSF500	Complement mediated opsonization, complement fixation		

MARCH				test.	
			FSF502	Cell disruption, solvent recovery, drying and crystallization.	
	II	I B.Sc., II Sem	FSB500	Properties of water	
		II B.Sc.,IV Sem	FSD500	Constitutive and induced enzymes,	
		III B.Sc.,VISem	FSF500	Immunotechniques: ELISA,	
			FSF502	Microbial production of industrial products: Industrial production and uses of Ethyl alcohol, wine,	
	III	I B.Sc., II Sem	FSB500	Acids, bases, electrolytes, hydrogen ion concentration,	
		II B.Sc.,IV Sem	FSD500	Monomeric, Oligomeric and Multimeric enzymes,	
		III B.Sc.,VISem	FSF500	Radioimmunoassay	
			FSF502	Penicillin, Lactic acid,	
	IV	I B.Sc., II Sem	FSB500	pH, buffers and physiological buffer system	
		II B.Sc.,IV Sem	FSD500	Multi-enzyme complex,	
		III B.Sc.,VISem	FSF500	Immunofluorescence.	
			FSF502	Citric acid, Amylase. Oyster mushroom cultivation.	
	V	I B.Sc., II Sem	FSB500	Microbial Growth: Definition of growth, Mathematical expression, Growth curve, phases of growth,	
		II B.Sc.,IV Sem	FSD500	Isozyme, Lysozyme,	
III B.Sc.,VISem		FSF500	Hypersensitive reactions: Classification		
		FSF502	Enzyme immobilization: Immobilized enzymes, Reversible immobilization- Adsorption,		
APRIL	I	I B.Sc., II Sem	FSB500	Calculation of generation time and specific growth rate. Synchronous growth,	BLACK BOARD
		II B.Sc.,IV Sem	FSD500	Ribozymes, abzymes.	
		III B.Sc.,VISem	FSF500	Hypersensitive reactions: Classification	
			FSF502	Irreversible immobilization-covalent coupling, entrapment, copolymerization. Applications of	
	II	I B.Sc., II Sem	FSB500	Continuous growth (chemostat and turbidostat),	

		II B.Sc.,IV Sem	FSD500	Structure of enzyme: Apoenzyme	
		III B.Sc.,VISem	FSF500	Antibody mediated hypersensitivity; Type I (IgE),	
	III	III B.Sc.,VISem	FSF502	Enzyme immobilization, Advantages and disadvantages of immobilized enzymes.	
			I B.Sc., II Sem	FSB500	
		II B.Sc.,IV Sem	FSD500	Cofactors, prosthetic group-TPP,.	
		III B.Sc.,VISem	FSF500	Type II (IgG and IgM-ADCC),	
	IV	III B.Sc.,VISem	FSF502	Isolation of DNA, restriction digestion and ligation of DNA, Agarose gel electrophoresis,	
			I B.Sc., II Sem	FSB500	
		II B.Sc.,IV Sem	FSD500	coenzyme-NAD	
		III B.Sc.,VISem	FSF500	Type III (Antigen-antibody complex),	
	V	III B.Sc.,VISem	FSF502	Blotting techniques, DNA sequencing- Sanger's method.	
			I B.Sc., II Sem	FSB500	
		II B.Sc.,IV Sem	FSD500	Active site- properties and role.	
		III B.Sc.,VISem	FSF500	Cell mediated hypersensitivity TypeIV (DTH).	
	MAY	I	III B.Sc.,VISem	FSF502	
I B.Sc., II Sem				FSB500	Measurement of cell mass; Turbiditymeasurements- Nephelometer and spectrophotometer techniques;
II B.Sc.,IV Sem			FSD500	Mechanism of enzyme action.	
III B.Sc.,VISem			FSF500	Autoimmne diseases	
I		II B.Sc.,IV Sem	FSD500	Identification and selection of recombinants: DNA hybridization, blue white selection, colony and plaque hybridization.	
			I B.Sc., II Sem	FSB500	Measurements of cell constituents.
		II B.Sc.,IV Sem	FSD500	Lock and key hypothesis and Induced Fit hypothesis.	

		III B.Sc., VISem	FSF500	Autoimmune diseases	
			FSF502	Industrial production of recombinant products: Products of human therapeutic interest – insulin, hGH, antisense molecules. Bt Cotton, Bt Brinjal.	
	II	I B.Sc., II Sem	FSB500	Growth Yield (definition of terms). Influence of environmental factors on growth	
		II B.Sc., IV Sem	FSD500	Enzyme catalysis: types	
		III B.Sc., VISem	FSF500	Immunoprophylaxis-Vaccines	
			FSF502	Gene therapy, recombinant vaccines.	
	III	I B.Sc., II Sem	FSB500	Microbial growth in natural environments.	
		II B.Sc., IV Sem	FSD500	Factors affecting the enzyme catalysed reaction.	
		III B.Sc., VISem	FSF500	Types-Killed, Live attenuated and Toxoid with an Example each.	
			FSF502	Biological, ethical and social issues of gene cloning and IPR.	
	IV	I B.Sc., II Sem	FSB500	Viable non-culturable organisms.	
		II B.Sc., IV Sem	FSD500	Enzyme kinetics- Michaeli's and Menten equation,	
		III B.Sc., VISem	FSF500	National Immunization Schedule	
			FSF502	Gene Library: Construction and application of cDNA and genomic libraries.	
	V	I B.Sc., II Sem	FSB500	Quorum sensing	
		II B.Sc., IV Sem	FSD500	Lineweaver-Burk plot	
		III B.Sc., VISem	FSF500	Mission Indradhanush.	
			FSF502	Application of recombinant microorganisms in basic research, industry, medicine, agriculture, environment	

OCTOBER	2	FSA500	I	Cytoplasmic matrix- Composition and function of Cytoskeleton. Actinomycetes: <i>Streptomyces</i> , <i>Nocardia</i> , <i>Frankia</i>	BLACK BOARD
		FSC500	III		
		FSE502	V		
	3	FSA500	I	Air borne microbes and their impact on food	
		FSC500	III	Ribosome & inclusion granules	
	4	FSE502	V	Spirochaetes- <i>Treponema pallidum</i>	
		FSA500	I	Bioaerosol sampling	
		FSC500	III	Nuclear Materials: Bacterial chromosomes structure (its differences with the Eukaryotic chromosome);	
		FSE502	V	Fungi: Alexopoulos and Mim's classification.	
		FSC500	III	Control of bioaerosols	
5	FSE502	V	General characteristics Structure, reproduction and economic importance- <i>Rhizopus</i> , <i>Aspergillus</i> , <i>Agaricus</i> , <i>Fusarium</i> , <i>Saccharomyces</i> .		
	FSC500	III	Methods to detect potability of water samples		
NOVEMBER	1	FSA500	I	Extra Chromosomal materials.	BLACK BOARD
		FSC500	III	Structure, reproduction and economic importance- <i>Rhizopus</i> , <i>Aspergillus</i> , <i>Agaricus</i> .	
		FSE502	V	Water borne pathogens & Control of water borne pathogens	
	2	FSA500	I	Components external to cell wall- capsule, slime, S layer, pilli, fimbriae	
		FSC500	III	Structure, reproduction and economic importance- <i>Fusarium</i> , <i>Saccharomyces</i> .	
	3	FSE502	V	Microbiological characteristics of wastewater & Waste water treatment	
		FSA500	I	Flagella-structure & motility	
		FSC500	III	Algae: Fritsch's classification.	
	4	FSE502	V	Food as a substrate for microorganisms & Spoilage of food	
		FSA500	I	Chemotaxis.	
		FSC500	III	Occurrence, thallus organization and economic importance of	

				<i>Chlorella</i>
		FSE502	V	Food borne infection and intoxication & food preservation
5		FSA500	I	Bacterial endospore: Structure
		FSC500	III	Occurrence, thallus organization and economic importance of <i>Cosmarium</i> , Diatoms, <i>Gracilaria</i>
		FSE502	V	Composition of milk. Sources of contamination of milk.
DECEMBER	1	FSA500	I	Endospore formation and function and types with example
		FSC500	III	Lichen-thallus organization and types
		FSE502	V	Biochemical changes of milk. Microbiological analysis of milk.
	2	FSA500	I	Reproduction in bacteria.
		FSC500	III	Protozoa: Salient features, Classification up to the level of classes.
		FSE502	V	Preservation of milk
	3	FSA500	I	Reproduction in bacteria.
		FSC500	III	Type study- <i>Euglena</i> , <i>Paramecium</i>
		FSE502	V	Fermented foods
	4	FSA500	I	Bacterial cell cycle
		FSC500	III	<i>Trypanosoma</i>
		FSE502	V	Microbes as food

M. George
Faculty

M. George
Head of the Department
of the College, Ooty


Principal

PRINCIPAL
JSS College of Arts, Commerce & Science
Ooty Road, MYSURU-25

JSS COLLEGE OOTY ROAD MYSORE-570 025

DEPARTMENT OF MICROBIOLOGY

PROGRAMME: B.SC

NAME: Dr. SPOORTHY. H.P

LESSON PLAN-2023-24

ODD Semester (I, III & V)

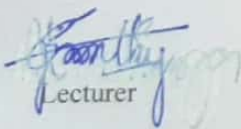
MONTH	WEEK	SEMESTER	COURSE CODE	TOPICS TO BE COVERED	METHODS TO BE ADOPTED
SEPTEMBER	I	I	FSA500	Historical development of microbiology -Theory of spontaneous generation, Biogenesis and Abiogenesis	BLACK BOARD
		III	FSC500	General properties of virus	
		V	FSE501	Griffith experiment of Transformation, Avery, MacLeod and McCarty experiment, Hershey and Chase experiment to prove DNA carries the genetic information. Fraenkel-Conrat experiment to prove RNA as genetic material.	
	II	I	FSA500	Evolution of microorganisms	
		III	FSC500	structure, Isolation	
		V	FSE501	Structure and organization of chromosomes in prokaryotes. Plasmid-types, Transposons in Prokaryotes	
	III	I	FSA500	Fossil evidences of microorganisms	
		III	FSC500	purification of virus	
		V	FSE501	Bacterial transformation- Principle and Types of transformation mechanisms found in prokaryotes. Bacterial Conjugation: U-tube experiment, properties of the F plasmid	
	IV	I	FSA500	Contributions of Anton Von Leeuwenhoek, Louis Pasteur	
		III	FSC500	Baltimore	
		V	FSE501	F ⁺ x F ⁻ conjugation, F'x F ⁻ conjugation, Hfr x F ⁻ conjugation Transduction: Generalized and specialized transduction	
	V	I	FSA500	Robert Koch, Joseph Lister	

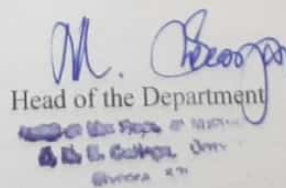
		III	FSC500	ICTV classification		
		V	FSE501	Chemical basis of heredity. Watson and Crick model of DNA, DNA types, RNA-types, structure, importance. Modern concept of gene-cistron, muton, recon		
	I	I	FSA500	Edward Jenner, Alexander Fleming		
		III	FSC500	Capsid symmetry- Icosahedral, helical, complex		
		V	FSE501	Replicon, Enzymes and proteins involved in DNA replication; DNA polymerases, DNA ligase, primase, telomerase. General mechanism of replication.		
	II	I	FSA500	Martinus Beijerinck, Sergei Winogradsky, Elie Metchnikoff		
		III	FSC500	HIV		
		V	FSE501	Models of DNA replication including rolling circle, Θ (theta) mode of replication		
	III	I	FSA500	Contributions of Indian scientists in the field of Microbiology		
		III	FSC500	Corona		
		V	FSE501	Structure of bacterial RNA polymerase, Promoter concept, Recognition of promoters and DNA melting,		
	IV	I	FSA500	working principle, construction and operation of simple and compound microscopes		
		III	FSC500	Oncogenic virus		
		V	FSE501	Transcription bubble, Stages of transcription- initiation elongation and termination. Transcriptional attenuation		
	V	I	FSA500	Phase contrast, Dark Field		
		III	FSC500	H1N1		
		V	FSE501			
	I	I	FSA500	Fluorescent, Confocal		
		III	FSC500	TMV		
		V	FSE501	Genetic recombination in phages		
	II	I	FSA500	Scanning and Transmission Electron Microscopy.		
		III	FSC500	Ring spot virus in Tomato		
		V	FSE501	Heterozygosity in phages. Temperate phage and prophage.		

BLACK BOARD

BLACK BOARD

	III	I	FSA500	Staining: Nature of stains, principles, mechanism	
		III	FSC500	T4 phage	
		V	FSE501	Non-genetic interaction of viral gene products	
	IV	I	FSA500	Simple (Positive and Negative)	
		III	FSC500	Lambda phage	
		V	FSE501	Life cycle of <i>Neurospora</i>	
	V	I	FSA500	Differential (Gram staining and Acid fast staining) and Structural (capsule, cell wall, endospore).	
		III	FSC500	Cyanophages	
		V	FSE501	Tetrad analysis	
	DECEMBER	I	I	FSA500	
		III	FSC500	Mycophages	
		V	FSE501	unordered tetrad analysis in yeast, ordered tetrad analysis in <i>Neurospora</i>	
II		I	FSA500	chemical methods. Culture media and their types	
		III	FSC500	Viroids	
		V	FSE501	two point and three point test cross	
III		I	FSA500	Pure culture techniques and colony characteristics	
		III	FSC500	Virusoids	
		V	FSE501	Nature and types, Mutagenic agents: physical and chemical mutagens	
IV		I	FSA500	Methods of preservation of microorganisms	
		III	FSC500	Satellite virus and Prions	
		V	FSE501	damage and repair of DNA: Photoreactivation and SOS repair, Ames test	


Lecturer


Head of the Department


Principal
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JSS College of Arts, Commerce & Science
Ooty Road MYSURU-25

MONTH	WEEK	COURSE CODE	SEMESTER	TOPICS TO BE COVERED	METHODS TO BE ADOPTED
SEPTEMBER	1	FSE500	V	Genetic code -features	BLACK BOARD
		FSC500	III	Concepts, definition and levels of biodiversity.	
		FSA500	I	Overview of eukaryotic cell structure	
	2	FSE500	V	Wobble hypothesis	
		FSC500	III	Study and measures of microbial diversity.	
		FSA500	I	General structure and types of cells	
	3	FSE500	V	Translational machineries	
		FSC500	III	Five kingdom classification	
		FSA500	I	External cell coverings cell membranes	
	4	FSE500	V	Initiation, Elongation and termination	
		FSC500	III	Three domain classification	
		FSA500	I	Structure and function of cytoplasmic matrix	
OCTOBER	1	FSE500	V	Post translational modifications of proteins	BLACK BOARD
		FSC500	III	Biosystematics : taxonomic ranks	
		FSA500	I	Single membrane organelles; ER,	
	2	FSE500	V	Post translational modifications of proteins	
		FSC500	III	ICNP Rules	
		FSA500	I	Lysosomes, vesicles	
	3	FSE500	V	Protein maturation and secretion	
		FSC500	III	Phenotypic and phylogenetic classification.	
		FSA500	I	Ribosomes	
	4	FSE500	V	Molecular chaperons	
		FSC500	III	Classical and molecular characters	
		FSA500	I	Double membrane organelles: nucleus	

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
 Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: I

Course Title: HC 1.1 Biosystematics & Non Chordata

Course Code: ZOA050

No. of Hours: 32

Faculty Name: Dr. Navyashree B

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies	Assessment Methodologies
1	I	2	Introduction	1	ICT/ Group discussion	NA
2		2	History of taxonomy	2	ICT/ Group discussion	NA
3		2	Species concept	3	ICT/ Group discussion	NA
4		2	Zoological classification - theories of classification - taxonomic ranks - hierarchy	4		
5		2	Zoological nomenclature: Binomial nomenclature	5	ICT/ Group discussion	NA
6		2	Trinomial nomenclature-ICZN	6	ICT/ Group discussion	NA
7		2	Taxonomical keys: key to the species	7	ICT/ Group discussion	NA
8		2	Linnaean taxonomy and classical taxonomy - level of taxonomy	8	ICT/ Group discussion	NA
9	II	2	General Characteristics of Non chordata	9	ICT/ Group discussion	NA
10		2	Locomotion: Muscle filaments and myonemes, Flagella and cilia.	10	ICT/ Group discussion	NA
11		2	Amoeboid movement	11	ICT/ Group discussion	NA
12		2	Nutrition in Protozoa: Filter feeding in polychaetes,	12	ICT/ Group discussion	NA
13		2	Filter feeding and digestion in Deuterostomia and molluscs	13	ICT/ Group discussion	NA
14		2	Structure and function of respiratory organs- Skin, gills, book lungs and Trachea.	14	ICT/ Group discussion	NA
15		2	Structure and function of respiratory organs- book lungs and Trachea.	15	ICT/ Group discussion	NA
16		2	Respiratory pigments	16	ICT/ Group discussion	NA
17	III	2	Osmoregulation in fresh water Invertebrates	17	ICT/ Group discussion	NA
18		2	Osmoregulation in marine Invertebrates	18	ICT/ Group discussion	NA
19		2	Structure and function of excretory organs- Coelom, Coelomoducts, Nephridia	19	ICT/ Group discussion	NA

20		2	Structure and function of excretory organs- Malpighian tubules and Coxal glands	20	ICT/ Group discussion	NA
21		2	Primitive nervous system: Coelenterata and Echinodermata	21	ICT/ Group discussion	NA
22		2	Advanced nervous system: Annelida, Arthropoda(Crustacea and insecta) and Mollusca (Cephalopod)	22	ICT/ Group discussion	NA
23		2	Sense organs and their importance	23	ICT/ Group discussion	NA
24	IV	2	Introduction to paleontology	24	ICT/ Group discussion	NA
25		2	Invertebrate paleontology	25	ICT/ Group discussion	NA
26		2	Larval forms: Free living Larval forms	26	ICT/ Group discussion	NA
27		2	Larval forms: parasitic Larval forms	27	ICT/ Group discussion	NA
28		2	Fossil: types	28	ICT/ Group discussion	NA
29		2	Importance of fossil study	29	ICT/ Group discussion	NA
30		2	Overview of Geological Time Scale	30	ICT/ Group discussion	NA
31		2	Overview of Geological Time Scale	31	ICT/ Group discussion	NA
32		2	Revision	32		

ab

MS

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
 Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: I

Course Title: HC 1.2 Biological chemistry

Course Code: ZOAO60

No. of Hours: 32

Faculty Name: Dr. Navyashree B

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies	Assessment Methodologies
1	I	2	Introduction	1	ICT/ Group discussion	NA
2		2	Structure of an atom, orbitals	2	ICT/ Group discussion	NA
3		2	Chemical bonds - covalent	3	ICT/ Group discussion	NA
4		2	Co-ordinate, ionic and	4		
5		2	Hydrogen Vander-Waal's force	5	ICT/ Group discussion	NA
6		2	Hydrophobic interactions	6	ICT/ Group discussion	NA
7		2	Normality and Molarity of solutions.	7	ICT/ Group discussion	NA
8		2	Carbohydrates – Chemistry and biological properties	8	ICT/ Group discussion	NA
9	II	2	Introduction	9	ICT/ Group discussion	NA
10		2	Proteins- Chemistry and biological	10	ICT/ Group discussion	NA
11		2	Properties Christian Anfinsen's experiment	11	ICT/ Group discussion	NA
12		2	Biological values of proteins	12	ICT/ Group discussion	NA
13		2	Lipids: Chemistry, triglycerides	13	ICT/ Group discussion	NA
14		2	Prostaglandins and steroids	14	ICT/ Group discussion	NA
15		2	Biosynthesis of lipids.	15	ICT/ Group discussion	NA
16		2	Chemical importance of lipids.	16	ICT/ Group discussion	NA
17	III	2	Enzymes: Introduction	17	ICT/ Group discussion	NA
18		2	Nomenclature – current status	18	ICT/ Group discussion	NA
19		2	Factors influencing velocity of enzyme reaction	19	ICT/ Group discussion	NA
20		2	Enzyme dynamics and enzyme inhibition.	20	ICT/ Group discussion	NA
21		2	Ribozymes and abzymes	21	ICT/ Group discussion	NA
22		2	Co-enzymes, isozymes	22	ICT/ Group discussion	NA
23		2	Clinical importance.	23	ICT/ Group discussion	NA
24	IV	2	Introduction	24	ICT/ Group discussion	NA

25		2	Nucleic acids: Chemistry	25	ICT/ Group discussion	NA
26		2	Alternative models of DNA	26	ICT/ Group discussion	NA
27		2	Vitamins and trace elements – chemical nature	27	ICT/ Group discussion	NA
28		2	Vitamins as co-enzymes	28	ICT/ Group discussion	NA
29		2	Deficiency diseases	29	ICT/ Group discussion	NA
30		2	Role of trace elements	30	ICT/ Group discussion	NA
31		2	Role of trace elements	31	ICT/ Group discussion	NA
32		2	Revision	32		

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JSS College of Arts, Commerce and Science
PG Department of Zoology

Lesson Plan/Session Plan

Teacher: Dr. Nijagal B.S.

Course with Course code: Cytogenetics (ZOA 070)

Hours allotted/ week-1

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	2	The origin and evolution of the cell; from single cell to multicellular organisms	1	Chalk and talk & ICT	NA
2	1	2	Membrane Structure	1	ICT/ Group discussion	NA
3			Membrane Function			
4	1	2	Structural organization and functions of intracellular organelles-Nucleus	1	ICT/ Group discussion	NA
5			Mitochondria			
6	1	2	Lysosomes	1	ICT/ Group discussion	NA
7			Peroxisomes			
8	1	2	Golgi apparatus	1	ICT/ Group discussion	NA
9			Endoplasmic reticulum			
10	2	2	Phases of cell cycle	1	ICT/ Group discussion	NA
11	2	2	Biochemical studies with oocytes, eggs and early embryos.	1	ICT/ Group discussion	NA
12	2	2	Regulation of cell cycle	1	ICT/ Group discussion	NA
13	2	2	Molecular basis of signal transduction	1	ICT/ Group discussion	NA
14	2	2	Cellular aging and death	1	ICT/ Group discussion	NA
15	3	2	Types of mutations	1	ICT/ Group discussion	NA
16	3	2	Molecular mechanism of mutations (Base analogs, alkylating agents)	1	ICT/ Group discussion	NA
17	3	2	Detection of	1	ICT/ Group	NA

			mutations: Dominant lethal test Sex-linked recessive lethal test,		discussion	
14	3	2	II-III translocations, Ames test, P-mediated mutagenesis	1	ICT/ Group discussion	NA
15	4	2	Structure and organization of eukaryotic chromosomes	1	ICT/ Group discussion	NA
16	4	2	Structural variations of chromosomes	1	ICT/ Group discussion	NA
17	4	2	Numerical variations of chromosomes	1	ICT/ Group discussion	NA
18	4	2	Chromosomal rearrangements and their cytogenetic consequences with examples from plants, Drosophila and Man	1	ICT/ Group discussion	NA
19	4	2	Chromosomal rearrangements and their cytogenetic consequences with examples from Drosophila and Man	1	ICT/ Group discussion	NA
20	3	2	Practical applications of chromosome rearrangements - Balancers	1	ICT/ Group discussion	NA
21	4	2	attached X-chromosome in Drosophila	1	ICT/ Group discussion	NA
22	4	2	Cytogenetic effects of ionizing and nonionizing Radiations.	1	ICT/ Group discussion	NA
23	4	2	Cytogenetic effects of ionizing and nonionizing Radiations.	1	ICT/ Group discussion	NA
24	4	2	Cytogenetic effects of ionizing and nonionizing Radiations.	1	ICT/ Group discussion	NA

MR pd

JSS Mahavidyaapeetha
JSS College of Arts, Commerce and Science (Autonomous)

Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: I

Course Title: SC 1.4 Tools & Techniques in Biology Course Code: ZOA220

No. of Hours: 48

Faculty Name: Ms. Akhila M P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction to the paper and pattern of assessment	1	Chalk and talk & ICT	NA
2	1	3	Topic allotment for assignment and presentation and general discussion	1	ICT/ Group discussion	NA
3	1	3	Introduction and basic principles of microscopy	1	ICT/ Group discussion	NA
4	1	3	Principles of microscopy	1	ICT/ Group discussion	NA
5	1	3	Principles of microscopy	1	ICT/ Group discussion	NA
6	1	3	Types of microscope and their applications	1	ICT/ Group discussion	NA
7	1	3	Bright-field microscope, numerical aperture, limit of resolution, types of objectives, ocular & stage micrometers	1	ICT/ Group discussion	NA
8	1	3	Electron Microscope, SEM, Confocal microscope	1	ICT/ Group discussion	NA
9	1	3	Dark-field microscope Phase-contrast microscope Differential interference contrast microscope	1	ICT/ Group discussion	NA
10	1	3	Fluorescence microscope	1	ICT/ Group discussion	NA
11	1	3	Photomicrography and image processing	1	ICT/ Group discussion	NA
12	2	3	Centrifugation - Basic principles, Types of rotors	1	ICT/ Group discussion	NA
13	2	3	Clinical, high speed & ultracentrifuge	1	ICT/ Group discussion	NA
14	2	3	Electrophoresis – Agarose and	1	ICT/ Group	NA

			polyacrylamide gel, Two-dimensional, Isoelectrofocussing		discussion	
15	2	3	Chromatography - Paper and Thin layer chromatography	1	ICT/ Group discussion	NA
16	2	3	Column chromatography, Gel filtration	1	ICT/ Group discussion	NA
17	2	3	Ion-exchange and Affinity chromatography	1	ICT/ Group discussion	NA
18	2	3	Introduction to FPLC and HPLC	1	ICT/ Group discussion	NA
19	3	3	Unit of radioactivity and half life: introduction to radioactivity	1	ICT/ Group discussion	NA
20	3	3	Measurement of radioactivity (β and γ emission)	1	ICT/ Group discussion	NA
21	3	3	Applications of radioisotopes, Safety measures	1	ICT/ Group discussion	NA
22	3	3	Immunoblotting	1	ICT/ Group discussion	NA
23	3	3	Immunofluorescence	1	ICT/ Group discussion	NA
24	3	3	Immunodiffusion	1	ICT/ Group discussion	NA
25	3	3	Immuno-electrophoresis	1	ICT/ Group discussion	NA
26	4	3	Introduction to cell culture: history and salient features	1	ICT/ Group discussion	NA
27	4	3	Design and functioning of tissue culture laboratory	1	ICT/ Group discussion	NA
28	4	3	Culture media, essential components and preparation	1	ICT/ Group discussion	NA
29	4	3	Cell viability testing	1	ICT/ Group discussion	NA
30	4	3	Mitosis and meiosis	1	ICT/ Group discussion	NA
31	4	3	Mitotic & Meiotic chromosome preparations from insects and vertebrates	1	ICT/ Group discussion	NA
32	4	3	Chromosome banding techniques (G-, C-, Q-, R-banding etc.)	1	ICT/ Group discussion	NA
33	4	3	In situ hybridization (radiolabelled & nonradiolabelled methods)	1	ICT/ Group discussion	NA
34	4	3	FISH	1	ICT/ Group discussion	NA

	4	3	Restriction banding	1	ICT/ Group discussion	NA
36	4	3	Southern hybridization	1	ICT/ Group discussion	NA
37	4	3	Northern hybridization	1	ICT/ Group discussion	NA
38	4	3	DNA sequencing	1	ICT/ Group discussion	NA
39	4	3	DNA sequencing	1	ICT/ Group discussion	NA
40	4	3	DNA sequencing	1	ICT/ Group discussion	NA
41	4	3	DNA sequencing	1	ICT/ Group discussion	NA
42	4	3	DNA sequencing	1	ICT/ Group discussion	NA
43	4	3	DNA sequencing	1	ICT/ Group discussion	NA
44	4	3	DNA sequencing	1	ICT/ Group discussion	NA
45	4	3	Polymerase chain reaction: Principle and components	1	ICT/ Group discussion	NA
46	4	3	Polymerase chain reaction (PCR): different types of PCR	1	ICT/ Group discussion	NA
47	4	3	Polymerase chain reaction (PCR): qPCR	1	ICT/ Group discussion	NA
48	4	3	Polymerase chain reaction (PCR): RT PCR	1	ICT/ Group discussion	NA
49	4	3	Polymerase chain reaction (PCR): Nested PCR	1	ICT/ Group discussion	NA
50	4	3	Polymerase chain reaction (PCR): Advanced types of PCR	1	ICT/ Group discussion	NA

M.P. J.

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
 Ooty Road, Mysuru - 570025
Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: I

Course Title: SC 1.6 Histology and histopathology (ZOA230) Course Code: ZOA230 No. of Hours: 48

Faculty Name: Dr. Ramyashree M

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Objectives and applications of histology	1	Chalk and talk & ICT	NA
2	1	3	Tissue fixation procedure	1	ICT/ Group discussion	NA
3	1	3	Types of fixation	1	ICT/ Group discussion	NA
4	1	3	Physical fixation	1	ICT/ Group discussion	NA
5	1	3	Choice of fixatives	1	ICT/ Group discussion	NA
6	1	3	Fixation artifacts	1	ICT/ Group discussion	NA
7	1	3	Dyes	1	ICT/ Group discussion	NA
8	1	3	Classification of dyes	1	ICT/ Group discussion	NA
9	2	3	General Histological organization of GI	1	ICT/ Group discussion	NA
10	2	3	Histological organization of GI	1	ICT/ Group discussion	NA
11	2	3	Histological organization of Stomach	1	ICT/ Group discussion	NA
12	2	3	Histological organization of Stomach	1	ICT/ Group discussion	NA
13	2	3	Histological organization of Small Intestine	1	ICT/ Group discussion	NA

14	2	3	Histological organization of Large Intestine	1	ICT/ Group discussion	NA
15	2	3	Histological organization of Lungs	1	ICT/ Group discussion	NA
16	2	3	Histological organization of Kidney	1	ICT/ Group discussion	NA
17	2	3	Histological organization of Spleen	1	ICT/ Group discussion	NA
18	2	3	Histological organization of Thymus	1	ICT/ Group discussion	NA
19	2	3	Histological organization of bone	1	ICT/ Group discussion	NA
20	2	3	Histological organization of Bone marrow	1	ICT/ Group discussion	NA
21	3	3	Principles of histochemistry	1	ICT/ Group discussion	NA
22	3	3	Application of histochemistry	1	ICT/ Group discussion	NA
23	3	3	Histochemical technique for staining	1	ICT/ Group discussion	NA
24	3	3	Histochemical technique for localization of glycoproteins	1	ICT/ Group discussion	NA
25	3	3	Histochemical technique for localization of nucleic acids	1	ICT/ Group discussion	NA
26	3	3	Histochemical technique for localization of steroid dehydrogenase activity	1	ICT/ Group discussion	NA
27	4	3	Principles of immunohistochemistry	1	ICT/ Group discussion	NA
28	4	3	Immunohistochemistry for localization of proteins	1	ICT/ Group discussion	NA
29	4	3	Immunofluorescence technique	1	ICT/ Group discussion	NA
30	4	3	<i>In situ</i> hybridization of nucleic acids	1	ICT/ Group discussion	NA
31	5	3	Histopathology introduction	1	ICT/ Group discussion	NA
32	5	3	Morphological alterations in cells due to diseases	1	ICT/ Group discussion	NA

33	5	3	Types of degeneration	1	ICT/ Group discussion	NA
34	5	3	Histopathology of Liver cirrhosis	1	ICT/ Group discussion	NA
35	5	3	Etiology, pathogenesis of Liver cirrhosis	1	ICT/ Group discussion	NA
36	5	3	Histopathology of atherosclerosis	1	ICT/ Group discussion	NA
37	5	3	Etiology, pathogenesis of atherosclerosis	1	ICT/ Group discussion	NA
38	5	3	Neuropathology of alcoholism	1	ICT/ Group discussion	NA
39	5	3	Methanol poisoning	1	ICT/ Group discussion	NA
40	6	3	Malignant tumors	1	ICT/ Group discussion	NA
41	6	3	Non malignant tumors	1	ICT/ Group discussion	NA
42	6	3	Types of carcinoma	1	ICT/ Group discussion	NA
43	6	3	Histopathology of breast tumors	1	ICT/ Group discussion	NA
44	6	3	Histopathology of prostate tumors	1	ICT/ Group discussion	NA

MS

Lesson Plan/Session Plan 2023-24

Teacher: Dr. Nijagal B.S.

Course with Course code: Molecular Biology and Biotechnology (ZOC 040)

Hours allotted/ week-2

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	2	Introduction to nucleic acids, DNA as Genetic material,	1	Chalk and talk & ICT	NA
2	1	2	Structure of DNA, DNA Replication- Enzyme Components, Mechanism of Replication	1	ICT/ Group discussion	NA
3	1	2	Role of DNA A protein in Initiation, Coordinated synthesis	1	ICT/ Group discussion	NA
4	1	2	End replication in Eukaryotes, Fidelity	1	ICT/ Group discussion	NA
5	1	2	Transcription: Apparatus, Mechanism, Regulatory mechanisms	1	ICT/ Group discussion	NA
6	1	2	Transcription factors, Post transcriptional modification of mRNA	1	ICT/ Group discussion	NA
7	1	2	Translation: Genetic code, Enzymes,	1	ICT/ Group discussion	NA
8	1	2	Translation: factors and process.	1	ICT/ Group discussion	NA
9	2	2	Gene regulation in Prokaryotes: (i) Regulation at transcription initiation: Eg. lac operon (+ve and -ve control)	1	ICT/ Group discussion	NA
10	2	2	(ii) Regulation beyond transcription initiation: trp attenuator (iii) Regulation in Lambda Phage - Lytic and lysogenic cycle induction.	1	ICT/ Group discussion	NA
11	2	2	Gene regulation in Eukaryotes: (a) Transcriptional activators (b) Transcriptional repression	1	ICT/ Group discussion	NA
12	2	2	(i) direct repression, indirect repression (ii)	1	ICT/ Group discussion	NA

			Gene silencing by modification of histones and DNA (c) RNA interference			
13	2	2	Molecular basis of homologous recombination: Models and protein machinery	1	ICT/ Group discussion	NA
14	2	2	Molecular mechanisms of DNA damage repair.	1	ICT/ Group discussion	NA
15	3	2	Genetic engineering: Definition, objectives and outline of recombinant DNA technology procedure. Enzymes: Restriction Enzymes; DNA ligase, Klenow enzyme	1	ICT/ Group discussion	NA
16	3	2	T4 DNA polymerase, Polynucleotide kinase, Alkaline phosphatase.	1	ICT/ Group discussion	
17	3	2	Cloning vectors: Plasmids, Phages, Cosmids, Phagemids, Artificial chromosomes (YAC, BAC, HAC),	1	ICT/ Group discussion	
18	3	2	Cloning: Construction of Genomic and cDNA libraries.	1	ICT/ Group discussion	
19	3	2	Indetification of Recombinants Analysis of recombinant DNA clones	1	ICT/ Group discussion	
20	3	2	Polymerase chain reaction and DNasequencing-Maxam 1 and Gilbert's method, Sanger's method, Automated DNA sequencing	1	ICT/ Group discussion	
21	4	2	Applications of Biotechnology	1	ICT/ Group discussion	
22	4	2	Animal Biotechnology: Animal cell and Tissue culture: Principles of cell culture.	1	ICT/ Group discussion	
23	4	2	cell and tissue types, cell lines	1	ICT/ Group discussion	

24	4	2	Transformation	1	ICT/ Group discussion	
25	4	2	Cell and tissue culture media: Natural and defined	1	ICT/ Group discussion	
26	4	2	role and components of serum in culture.	1	ICT/ Group discussion	
27	4	2	Applications of tissue culture	1	ICT/ Group discussion	
28	4	2	Tissue culture in biomedical research	1	ICT/ Group discussion	
29	4	2	Tissue culture in karyological studies,	1	ICT/ Group discussion	
30	4	2	Tissue culture in amniocentesis,	1	ICT/ Group discussion	
31	4	2	Tissue culture in mutagenesis,	1	ICT/ Group discussion	
32	4	2	Tissue culture in Cytotoxicity assays.	1	ICT/ Group discussion	

J. N. P. 138

M. P. P.

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JSS College of Arts, Commerce and Science (Autonomous)
 Ooty Road, Mysuru - 570025
Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology
Course Title: HC 3.2 Reproductive Biology
Faculty Name: Dr. Ramyashree M

Programme Code: ZOO17 **Semester:** III
Course Code: ZOC050 **No. of Hours:** 32

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	2	Introduction to reproductive biology	1	ICT/ Group discussion	NA
2	I	2	Functional morphology of male reproductive system	2	ICT/ Group discussion	NA
3	I	2	Spermatogenesis	3	ICT/ Group discussion	NA
4	I	2	Kinetics of spermatogenesis- cycle	4	ICT/ Group discussion	NA
5	I	2	Spermatogenic wave	5	ICT/ Group discussion	NA
6	I	2	Hormonal control of spermatogenesis	6	ICT/ Group discussion	NA
7	I	2	Ultrastructure of spermatozoa	7	ICT/ Group discussion	NA
8	I	2	Sperm abnormality	8	ICT/ Group discussion	NA
9	I	2	Histomorphology and hormonal control of accessory reproductive organs	9	ICT/ Group discussion	NA
10	I	2	Sperm maturation- morphological events	10	ICT/ Group discussion	NA
11	I	2	Biochemical events in sperm maturation	11	ICT/ Group discussion	NA
12	I	2	Biochemistry of semen and capacitation	12	ICT/ Group discussion	NA
13	II	2	Origin of PGC	13	ICT/ Group discussion	NA
14	II	2	Migration of PGC	14	ICT/ Group discussion	NA
15	II	2	Differentiation of gonads	15	ICT/ Group discussion	NA
16	II	2	Differentiation of gonadal ducts	16	ICT/ Group discussion	NA

					discussion	
17	II	2	Functional morphology of ovary	17	ICT/ Group discussion	NA
18	II	2	Functional morphology of Fallopian tube	18	ICT/ Group discussion	NA
19	II	2	Functional morphology of Uterus	19	ICT/ Group discussion	NA
20	II	2	Ovarian steroid hormone and their action	20	ICT/ Group discussion	NA
21	III	2	Comparison of estrous and menstrual cycle	21	ICT/ Group discussion	NA
22	III	2	Menstrual cycle	22	ICT/ Group discussion	NA
23	III	2	Implantation	23	ICT/ Group discussion	NA
24	III	2	Placentation	24	ICT/ Group discussion	NA
25	III	2	Pregnancy	25	ICT/ Group discussion	NA
26	III	2	Parturition	26	ICT/ Group discussion	NA
27	III	2	Lactation	27	ICT/ Group discussion	NA
28	IV	2	Need for fertility control	28	ICT/ Group discussion	NA
29	IV	2	Permanent contraceptive methods	29	ICT/ Group discussion	NA
30	IV	2	ART	30	ICT/ Group discussion	NA
31	IV	2	GIFT	31	ICT/ Group discussion	NA
32	IV	2	ZIFT	32	ICT/ Group discussion	NA
33	IV	2	Surrogacy	33	ICT/ Group discussion	NA

M. J. B. S.

NSP

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
 Ooty Road, Mysuru - 570025
Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: III

Course Title: HC3.3: Ecology and Wildlife

Course Code: ZOC060 No. of Hours: 32

Faculty Name: Ms. Akhila M P

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	2	Historical account, scope and basic concepts and approaches to study ecology	1	ICT/ Group discussion	NA
2	1	2	Components of environment: biotic & abiotic factors	2	ICT/ Group discussion	NA
3	1	2	Habitat, ecological niche, ecotone & edge effect	3	ICT/ Group discussion	NA
4	1	2	Food chains, food webs, ecological pyramids in aquatic, terrestrial & parasitic environments	4	ICT/ Group discussion	NA
5	1	2	Introduction to population ecology, population attributes	5	ICT/ Group discussion	NA
6	1	2	Human population growth & explosion. Mortality.	6	ICT/ Group discussion	NA
7	1	2	Allee's principle, population fluctuation & cyclic oscillations	7	ICT/ Group discussion	NA
8	1	2	Population interactions	8	ICT/ Group discussion	NA
9	2	2	Community structure & attributes, climax species	9	ICT/ Group discussion	NA
10	2	2	Measures of species diversity	10	ICT/ Group discussion	NA
11	2	2	Measures of species diversity	11	ICT/ Group discussion	NA
12	2	2	Drivers of species diversity, loss, and conservation	12	ICT/ Group discussion	NA
13	2	2	Freshwater zooplankton: types and adaptations	13	ICT/ Group discussion	NA

14	2	2	Freshwater zooplankton: types and adaptations	14	ICT/ Group discussion	NA
15	2	2	Organizations, lifecycles, and ecological importance of freshwater zooplanktons	15	ICT/ Group discussion	NA
16	2	2	Organizations, lifecycles, and ecological importance of freshwater zooplanktons	16	ICT/ Group discussion	NA
17	2	2	Ecological role of microbes. Beneficial & pathogenic microbes	17	ICT/ Group discussion	NA
18	2	2	Microbes as Indicators, biodegraders & bioremediation	18	ICT/ Group discussion	NA
19	3	2	Scope and values of wildlife	19	ICT/ Group discussion	NA
20	3	2	Causes of wildlife depletion	20	ICT/ Group discussion	NA
21	3	2	Wildlife corridors, human-wildlife conflict	21	ICT/ Group discussion	NA
22	3	2	Wildlife awareness & education	22	ICT/ Group discussion	NA
23	4	2	Conservation strategies: red data book, Role of NGOs	23	ICT/ Group discussion	NA
24	4	2	Wildlife act and legislation	24	ICT/ Group discussion	NA
25	4	2	Wildlife conservation projects	25	ICT/ Group discussion	NA
26	4	2	Wildlife conservation projects	26	ICT/ Group discussion	NA
27	4	2	In-situ conservation: Bioreserves, national parks	27	ICT/ Group discussion	NA
28	4	2	In-situ conservation: Wildlife sanctuaries and safari	28	ICT/ Group discussion	NA
29	4	2	Management of wildlife	29	ICT/ Group discussion	NA
30	4	2	Management of wildlife	30	ICT/ Group discussion	NA
31	4	2	Ex-situ conservation: Zoo, captive breeding	31	ICT/ Group discussion	NA
32	4	2	Ex-situ conservation: Artificial insemination, cryopreservation, germplasm banks	32	ICT/ Group discussion	NA

MSR



JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
 Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: III

Course Title: SC 3.4 Ethology

Course Code: ZOC230

No. of Hours: 48

Faculty Name: Dr. Navyashree B

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies	Assessment Methodologies
1	I	3	Introduction to Ethology	1	ICT/ Group discussion	NA
2		3	Descriptive versus experimental approaches	2	ICT/ Group discussion	NA
3		3	Reflexes and complex behaviour	3	ICT/ Group discussion	NA
4			Latency, after discharge	4		
5		3	Summation, warm up, fatigue inhibition and feedback control	5	ICT/ Group discussion	NA
6		3	Instinctive Behaviour - Fixed action Pattern	6	ICT/ Group discussion	NA
7		3	Types of sign stimuli and releasers as triggers	7	ICT/ Group discussion	NA
8		3	Genetic basis of instinctive behaviour	8	ICT/ Group discussion	NA
9	II	3	Development and behaviour- Causes of behavioral changes during development	9	ICT/ Group discussion	NA
10		3	Development of bird song	10	ICT/ Group discussion	NA
11		3	Learning- Classical conditioning experiment, latent and insight learning.	11	ICT/ Group discussion	NA
12		3	Social learning, learning sets and play	12	ICT/ Group discussion	NA
13		3	Importance of early experience – Critical period- Filial imprinting	13	ICT/ Group discussion	NA
14		3	Imprinting like process in mammals	14	ICT/ Group discussion	NA
15		3	Sexual imprinting in birds	15	ICT/ Group discussion	NA
16		3	Sexual imprinting in birds	16	ICT/ Group discussion	NA
17	III	3	Anti predator behaviour – introduction	17	ICT/ Group discussion	NA
18		3	Avoiding detection through colour and Markings	18	ICT/ Group discussion	NA
19		3	Mullarian mimicry	19	ICT/ Group discussion	NA
20		3	Warning coloration	20	ICT/ Group discussion	NA
21		3	Warning coloration	21	ICT/ Group discussion	NA

22		3	Batesian mimicry	22	ICT/ Group discussion	NA
23		3	Batesian mimicry	23	ICT/ Group discussion	NA
24	IV	3	Forms of signals	24	ICT/ Group discussion	NA
25		3	Visual communication with suitable examples	25	ICT/ Group discussion	NA
26		3	Auditory Communication	26	ICT/ Group discussion	NA
27		3	Auditory Communication	27	ICT/ Group discussion	NA
28		3	Tactile communication	28	ICT/ Group discussion	NA
29		3	Tactile communication	29	ICT/ Group discussion	NA
30		3	Chemical communication	30	ICT/ Group discussion	NA
31		3	Chemical communication	31	ICT/ Group discussion	NA
32	V	3	Hormones	32	ICT/ Group discussion	NA
33		3	Sexual behaviour	33	ICT/ Group discussion	NA
34		3	Selected examples of courtship and mating behaviour	34	ICT/ Group discussion	NA
35		3	Pheromones in Insects	35	ICT/ Group discussion	NA
36		3	Pheromones in Mammals	36	ICT/ Group discussion	NA
37		3	Lee Boot, Whitteneffect/s	37	ICT/ Group discussion	NA
38		3	Collidge and Castro-Vandenberg effect/s	38	ICT/ Group discussion	NA
39		3	Selected examples of courtship behaviour	39	ICT/ Group discussion	NA
40		3	Selected examples of mating behaviour	40	ICT/ Group discussion	NA
41	VI	3	Introduction- Social Behaviour	41	ICT/ Group discussion	NA
42		3	Advantages of grouping	42	ICT/ Group discussion	NA
43		3	Social organization in insects with special reference to honeybees	43	ICT/ Group discussion	NA
44		3	Social organization in insects with special reference to ants	44	ICT/ Group discussion	NA
45		3	Social organization in sub human primates	45	ICT/ Group discussion	NA
46		3	Altruism	46	ICT/ Group discussion	NA
47		3	Kin selection	47	ICT/ Group discussion	NA
48		3	Genetic control of behaviour	48	ICT/ Group discussion	NA

			polymorphism(SNP),			
25	7	1	Two dimensional polyacrylamide gel electrophoresis	1	ICT/ Group discussion	NA
26	7	1	Mass Spectrometry	1	ICT/ Group discussion	NA
27	8	1	Nucleic acid sequence databases and tools: Genbank, UCSC, ENSEMBL	1	ICT/ Group discussion	NA
28	8	1	Nucleic acid sequence databases and tools: EMBL, DDBJ, BLAST vs FASTA,	1	ICT/ Group discussion	NA
29	8	1	Nucleic acid sequence databases and tools: file formats-FASTA, GCG, Genscan and ClustalW	1	ICT/ Group discussion	NA
30	8	1	Protein sequence databases and tools: Uni- prot, PDB,	1	ICT/ Group discussion	NA
31	8	1	Protein sequence databases and tools: PIR	1	ICT/ Group discussion	NA
32	8	1	Protein sequence databases and tools: BLAST, PSI- BLAST	1	ICT/ Group discussion	NA

MS

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)

Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: III

Course Title: OE – Concepts of Zoology

Course Code: ZOC750

No. of Hours: 32

Faculty Name: Dr. Ramyashree M

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Branches of Animal sciences	1	Chalk and talk & ICT	NA
2	1	3	Indian Wildlife status	1	ICT/ Group discussion	NA
3	1	3	Wildlife depletion	1	ICT/ Group discussion	NA
4	1	3	Causes for wildlife depletion	1	ICT/ Group discussion	NA
5	1	3	Wildlife corridors	1	ICT/ Group discussion	NA
6	1	3	Insitu conservation	1	ICT/ Group discussion	NA
7	1	3	Exsitu conservation	1	ICT/ Group discussion	NA
8	5	3	Introduction to environmental biology	1	ICT/ Group discussion	NA
9	5	3	Biotic factors	1	ICT/ Group discussion	NA
10	5	3	Abiotic factors	1	ICT/ Group discussion	NA
11	5	3	Pollution an overview	1	ICT/ Group discussion	NA
12	5	3	Air pollution-causes	1	ICT/ Group discussion	NA
13	5	3	Effect and control measures of air pollution	1	ICT/ Group discussion	NA
14	5	3	Water pollution-causes	1	ICT/ Group discussion	NA
15	5	3	Effect and control measures of water pollution	1	ICT/ Group discussion	NA
16	5	3	Noise pollution-causes Effect and control measures	1	ICT/ Group discussion	NA

MP

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
 Ooty Road, Mysuru - 570025
Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: III

Course Title: OE Concepts in Zoology.

Course Code: ZOC750

No. of Hours: 16

Faculty Name: Ms. Akhila M P

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	4	3	Introduction to the topic		Chalk and talk & ICT	NA
2	4	3	Human alimentary canal		ICT/ Group discussion	NA
3	4	3	Digestion & absorption		ICT/ Group discussion	NA
4	4	3	Respiratory organs		ICT/ Group discussion	NA
5	4	3	Respiration process		ICT/ Group discussion	NA
6	4	3	Structure of human heart & capillaries		ICT/ Group discussion	NA
7	4	3	Composition of blood & blood coagulation		ICT/ Group discussion	NA
8	4	3	Mammalian kidney & urine formation		ICT/ Group discussion	NA
9	4	3	Locomotion in vertebrates		ICT/ Group discussion	NA
10	4	3	Swimming, walking, running & flying		ICT/ Group discussion	NA
11	4	3	Nervous system		ICT/ Group discussion	NA
12	4	3	Function of nervous system		ICT/ Group discussion	NA
13	4	3	Human endocrine system		ICT/ Group discussion	NA
14	4	3	Asexual reproduction		ICT/ Group discussion	NA
15	4	3	Sexual reproduction		ICT/ Group discussion	NA
16	4	3	Human reproduction		ICT/ Group discussion	NA
17	4	3	Fertility control		ICT/ Group discussion	NA

MS Akhila M P

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025
Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology**Programme Code:** ZOO17**Semester:** II**Course Title:** HC 2.1 Chordata**Course Code:** ZOBO50**No. of Hours:** 32**Faculty Name:** Dr. Navyashree B

Sl. No	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies	Assessment Methodologies
1	I	1	Introduction	1	ICT/ Group discussion	NA
2		2	General and Comparative study	2	ICT/ Group discussion	NA
3		2	Comparision of three Protochordates	3	ICT/ Group discussion	NA
4		2	Subphyla in terms of General comparision,	4	ICT/ Group discussion	NA
5		2	Habits and habitats,	5	ICT/ Group discussion	NA
6		2	Alimentary canals ,Food and feeding	6	ICT/ Group discussion	NA
7		2	Excretory system in Protochordates	7	ICT/ Group discussion	NA
8		2	Adaptive radiation in vertebrates	8	ICT/ Group discussion	NA
9	II	2	Introduction	9	ICT/ Group discussion	NA
10		2	Epidermal Integument	10	ICT/ Group discussion	NA
11		2	Skin Functions, Structure & its Derivatives	11	ICT/ Group discussion	NA
12		2	Skin Functions, Structure & its Derivatives	12	ICT/ Group discussion	NA
13		2	Integument in different classes of Chordates.	13	ICT/ Group discussion	NA
14		2	Integument in different classes of Chordates.	14	ICT/ Group discussion	NA
15		2	Development of Brain, spinal cord	15	ICT/ Group discussion	NA

		2	Peripheral nerves and sense organs		ICT/ Group discussion	NA
17	III	2	Introduction - Respiration	16	ICT/ Group discussion	NA
18		2	Gills	17	ICT/ Group discussion	NA
19		2	Lungs and Ducts	18	ICT/ Group discussion	NA
20		2	Accessory Respiratory organs	19	ICT/ Group discussion	NA
21		2	Swim Bladders	20	ICT/ Group discussion	NA
22		2	Evolution of heart	21	ICT/ Group discussion	NA
23		2	Aortic arches	22	ICT/ Group discussion	NA
	IV	2	Introduction	23	ICT/ Group discussion	NA
25		2	Introduction Embryonic Digestive Tract	24	ICT/ Group discussion	NA
26		2	Alimentary Canal	25	ICT/ Group discussion	NA
27		2	Digestive Glands	26	ICT/ Group discussion	NA
28		2	Vertebrate kidneys	27	ICT/ Group discussion	NA
29		2	Vertebrate ducts	28	ICT/ Group discussion	NA
30		2	Gonads	29	ICT/ Group discussion	NA
31		2	Gonads and their ducts	30	ICT/ Group discussion	NA
32		2	Revision	31	ICT/ Group discussion	NA
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JSS Mahavidyapeetha
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Ooty Road, Mysuru - 570025
Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: II

Course Title: HC 2.2 Animal physiology

Course Code: ZOBO60

No. of Hours: 32

Faculty Name: Dr. Navyashree B

Sl. No	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies	Assessment Methodologies
1	I	2	Introduction	1	ICT/ Group discussion	NA
2		2	Redox potential-Stepwise release of energy through cytochromes	2	ICT/ Group discussion	NA
3		2	Oxidative phosphorylation, inhibitors.	3	ICT/ Group discussion	NA
4		2	Anaerobic and aerobic breakdown of glucose	4	ICT/ Group discussion	
5		2	HMP shunt and glucuronic acid pathway	5	ICT/ Group discussion	NA
6		2	Citric acid cycle -Major types of body fluids and their composition	6	ICT/ Group discussion	NA
7		2	Neurogenic and myogenic hearts	7	ICT/ Group discussion	NA
8		2	Mammalian heart – cardiac cycle, ECG.	8	ICT/ Group discussion	NA
9	II	2	Molecular organization of sarcomere	9	ICT/ Group discussion	NA
10		2	Mechanism of contraction with emphasis on sliding filament	10	ICT/ Group discussion	NA
11		2	Physiological adaptations of muscles for jumping, swimming and flight.	11	ICT/ Group discussion	NA
12		2	Axonal and synaptic transmission of nerve impulses.	12	ICT/ Group discussion	NA
13		2	Synaptic integrity, synaptic plasticity	13	ICT/ Group discussion	NA
14		2	Molecular mechanism of sensory	14	ICT/ Group	NA

			transduction and neural output in receptor cells		discussion	
15		2	Comparative physiology of excretion in animals	15	ICT/ Group discussion	NA
16		2	Mammalian kidney	16	ICT/ Group discussion	NA

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Teacher: Dr. Ramyashree M

Course with Course code: HC 2.2 Animal Physiology (ZOB 060A)

Hours allotted/ week-1

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	2	Autocrine, Paracrine and endocrine secretions	1	Chalk and talk & ICT	NA
2	1	2	Types of hormones an overview of human endocrine system	1	ICT/ Group discussion	NA
3	1	2	Role of hormones in homeostasis	1	ICT/ Group discussion	NA
4	1	2	Structure and function of hypothalamic hormones	1	ICT/ Group discussion	NA
5	1	2	Pituitary hormones and their physiological actions	1	ICT/ Group discussion	NA
6	1	2	Pituitary hormones chemical structure and feedback regulation	1	ICT/ Group discussion	NA
7	1	2	Hypothalamo hypophysial portal system	1	ICT/ Group discussion	NA
8	1	2	Pineal gland structure and function	1	ICT/ Group discussion	NA
9	1	2	Structure function and biosynthesis of thyroid hormone	1	ICT/ Group discussion	NA
10	1	2	Structure of PTH- Calcitonin	1	ICT/ Group discussion	NA
11	1	2	Role of hormones in calcium and phosphate metabolism	1	ICT/ Group discussion	NA
12	1	2	Corticoids role in stress management	1	ICT/ Group discussion	NA
13	1	2	Aldosterone and the rennin angiotensis system	1	ICT/ Group discussion	NA
14	2	2	Catecholamines as emergency hormones	1	ICT/ Group discussion	NA
15	2	2	Gastrointestinal hormones secretion, control and function	1	ICT/ Group discussion	NA
16	2	2	Insulin, glucagon, their role in regulation	1	ICT/ Group discussion	NA

MS

JSS College of Arts, Commerce and Science

PG Dept. Of Zoology

Lesson Plan/Session Plan (2023-24)

Teacher: Dr. Ramyashree M

Course with Course code: HC 2.3 Entomology (ZOB 070A)

Hours allotted/ week-2

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	2	Classification of Class insect upto orders	1	Chalk and talk & ICT	NA
2	1	2	Classification of Class insect upto orders with examples	1	ICT/ Group discussion	NA
3	1	2	Integuments and appendages	1	ICT/ Group discussion	NA
4	1	2	Insect hormones	1	ICT/ Group discussion	NA
5	1	2	Chemistry and functions of hormones	1	ICT/ Group discussion	NA
6	1	2	Hormones in metamorphosis	1	ICT/ Group discussion	NA
7	1	2	Ecdysis and diapauses	1	ICT/ Group discussion	NA
8	1	2	Semiochemicals	1	ICT/ Group discussion	NA
9	1	2	Allelochemicals and pheromones	1	ICT/ Group discussion	NA
10	1	2	Role of insects in plant pollination	1	ICT/ Group discussion	NA
11	1	2	Classification and categories of pests	1	ICT/ Group discussion	NA
12	1	2	Origin and emergence of pests, Pest outbreak and pest resurgence	1	ICT/ Group discussion	NA
13	1	2	Structure life history, significance, nature of damage and control measures of pests of sugarcane	1	ICT/ Group discussion	NA
14	2	2	Structure life history, significance, nature of damage and control measures of pests of sugarcane	1	ICT/ Group discussion	NA
15	2	2	Structure life history, significance, nature of damage and control measures of pests of paddy	1	ICT/ Group discussion	NA
16	2	2	Structure life history, significance, nature of damage and control measures of pests of paddy	1	ICT/ Group discussion	NA

17	2	2	Structure life history, significance, nature of damage and control measures of pests of coconut	1	ICT/ Group discussion	
18	2	2	Structure life history, significance, nature of damage and control measures of stored grain pests – sitophilus,	1	ICT/ Group discussion	NA
19	2	2	Structure life history, significance, nature of damage and control measures of stored grain pests – trogoderma, rhizopertha	1	ICT/ Group discussion	NA
20	3	2	Structure life history, significance, nature of damage and control measures of stored grain pests – trilobium, bruchus,	1	ICT/ Group discussion	NA
21	3	2	Structure life history, significance, nature of damage and control measures of stored grain pests –sitotruga, ephestia	1	ICT/ Group discussion	NA
22	3	2	Structure life history, significance, nature of damage and control measures of general pests –grasshoppers and locusts	1	ICT/ Group discussion	NA
23	3	2	Structure life history, significance, nature of damage and control measures of general pests – termites, aphids	1	ICT/ Group discussion	NA
24	3	2	Structure life history, significance, nature of damage and control measures of general pests – hairy caterpillars, cockroaches	1	ICT/ Group discussion	NA
25	3	2	Structure life history, significance, nature of damage and control measures of general pests – ants, wasps	1	ICT/ Group discussion	NA
26	3	2	Structure life history, significance, nature of damage and control measures of general pests – silver fish, furniture beetle	1	ICT/ Group discussion	NA
27	3	2	Role of insect as vectors of human diseases – malaria	1	ICT/ Group discussion	NA

NA

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		2	Role of insect as vectors of human diseases – filariasis, kala azar	1	ICT/ Group discussion	NA
29	4	2	Mosquito as pests and their control	1	ICT/ Group discussion	NA
30	4	2	Housefly as pests and their control	1	ICT/ Group discussion	NA
31	4	2	Arboviral diseases - dengue	1	ICT/ Group discussion	NA
32	4	2	Arboviral diseases – chicken gunya, swine flu	1	ICT/ Group discussion	NA





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E-mail: jssautonomous@gmail.com Website: jsscacs.edu.in

Programme: M.Sc Zoology
Course Title: HC - 2.5 Entomology
Faculty Name: Sangeetha P K

Programme Code: Z0017
Course Code: ZOB070

Semester: II
No. of Hours: 16

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	II	2	Agricultural Entomology: An Introduction	1	Chalk & Talk	NA
2	II	2	Role of insects in plant pollination	2	Talk / ICT / Group discussion	NA
3	II	2	Insects pests: Classification & categories of pests	3	Chalk & Talk / ICT	NA
4	II	2	Insects pests: origin and emergence of pests, pest out breaks and pest resurgence	4	Chalk & Talk / ICT	NA
5	II	2	Insects pests: Structure, life history, significance, nature of damage	5	Chalk & Talk / ICT	NA
6	II	2	Insects pests: control methods of major pests of sugarcane	6	Chalk & Talk / ICT / Case Studies	NA
7	II	2	Insects pests: control methods of major pests of Paddy	7	Chalk & Talk / ICT / Case Studies	NA
8	II	2	Insects pests: control methods of major pests of Coconut	8	Chalk & Talk / ICT / Case Studies	NA
9	II	2	Structure, life history, significance, nature of damage and control measures of stored grain pests: (a) Sitophilus (b) Trogoderma	9	Chalk & Talk / ICT / Case Studies	NA

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		2	Structure, life history, significance, nature of damage and control measures of stored grain pests: (d) Tribolium (e) Bruchus	10	Chalk & Talk / ICT/ Case Studies	NA
11	II	2	Structure, life history, significance, nature of damage and control measures of stored grain pests: (f) Sitotrua (g) Ephestia	11	Chalk & Talk / ICT/ Case Studies	NA
12	IV	2	Medical Entomology: An Introduction	12	ICT/ Group discussion	NA
13	IV	2	Insect vectors: Role of insect as vectors of human diseases (Malaria, filariasis)	13	Chalk & Talk / ICT/ Case Studies	NA
14	IV	2	Insect vectors: Role of insect as vectors of human diseases (Kala azar and their control)	14	Chalk & Talk / ICT/ Case Studies	NA
15	IV	2	Mosquitoes as pests and their control	15	Chalk & Talk / ICT	NA
16	IV	2	Housefly: A human health hazard and its control	16	Chalk & Talk / ICT	NA
17	IV	2	Arboviral diseases: Dengue, chicken gunya, swine flu.	17	Chalk & Talk / ICT/ Case Studies	NA

Dep.

M. P. J.

JSS College of Arts, Commerce and Science

PG Dept. Of Zoology

Lesson Plan/Session Plan 2023-24

Teacher: Dr. Nijagal B.S.

Course with Course code: SC-2.7 Developmental Biology (ZOB 220A)

Hours allotted/ week-3

Sl. No.	Unit	Hrs/week	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Descriptive V/s Experimental Embryology	1	ICT/ Group discussion	NA
2	1	3	Descriptive V/s Experimental Embryology	1	ICT/ Group discussion	NA
3	1	3	Descriptive V/s Experimental Embryology	1	ICT/ Group discussion	NA
4	1	3	History of Embryology	1	ICT/ Group discussion	NA
5	1	3	An overview of structure & differentiation of Sperm & egg	1	ICT/ Group discussion	NA
6	1	3	Sequence & events of Fertilization	1	ICT/ Group discussion	NA
7	2	3	Nuclear transplantation experiments in Amphibians	1	ICT/ Group discussion	NA
8	2	3	Nuclear transplantation experiments in Amphibians	1	ICT/ Group discussion	NA
9	2	3	Nuclear transplantation experiments in Mammals	1	ICT/ Group discussion	NA
10	2	3	Cleavage and its regulation	1	ICT/ Group discussion	NA
11	2	3	Morphogenetic movements its regulation in amphibians	1	ICT/ Group discussion	NA
12	2	3	Morphogenetic movements its regulation in Mammals	1	ICT/ Group discussion	NA
13	3	3	Morphogenetic determinants and their role in development:	1	ICT/ Group discussion	NA

14	3		Yellow cytoplasm in Ascidians			
		3	Polar body in Mollusca, Pole plasm in <i>Drosophila</i>	1	ICT/ Group discussion	NA
15	3	3	Anterior-posterior axes formation in <i>Drosophila</i> (maternal effect genes)	1	ICT/ Group discussion	NA
16	3	3	Dorsoventral axes formation in <i>Drosophila</i>	1	ICT/ Group discussion	NA
17	3	3	cell-cell interaction & Mammalian Hox Genes	1	ICT/ Group discussion	NA
18	3	3	Cell lineage studies and cell death genes in <i>Caenorhabditis elegans</i>	1	ICT/ Group discussion	NA
19	4	3	Early embryogenesis in <i>Drosophila</i> Regional specification	1	ICT/ Group discussion	NA
20	4	3	Segmentation genes: Gap genes	1	ICT/ Group discussion	NA
21	4	3	Pair rule genes	1	ICT/ Group discussion	NA
22	4	3	Segment polarity genes	1	ICT/ Group discussion	NA
23	4	3	Homeotic genes	1	ICT/ Group discussion	NA
24	4	3	Cellular differentiation and morphogenesis	1	ICT/ Group discussion	NA
25	4	3	Neuronal v/s epidermal fate specification in <i>Drosophila</i>	1	ICT/ Group discussion	NA
26	4	3	Vulval induction in <i>Caenorhabditis elegans</i>	1	ICT/ Group discussion	NA
27	5	3	Cell Adhesion molecules	1	ICT/ Group discussion	NA
28	5	3	Cadherins	1	ICT/ Group discussion	NA
29	5	3	Cadherins	1	ICT/ Group discussion	NA

		3	Fibronectins	1	ICT/ Group discussion	NA
31	5	3	Genetics of imaginal discs	1	ICT/ Group discussion	NA
32	5	3	transdetermination	1	ICT/ Group discussion	NA
33	5	3	Proximo-distal axis specification in developing limb	1	ICT/ Group discussion	NA
34	5	3	Cell death and formation of digits	1	ICT/ Group discussion	NA

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 BS



Programme: M.Sc Zoology

Programme Code: Z0017

Semester: II

Course Title: SC - 2.7 Developmental biology

Course Code: ZOB220

No. of Hours: 24

Faculty Name: Sangeetha P K

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	IV	3	Morphogenesis -I: An introduction	1	Chalk & Talk	NA
2	IV	3	Early embryogenesis in Drosophila : Regional specification	2	Chalk & Talk / ICT/ Case Studies	NA
3	IV	3	Early embryogenesis in Drosophila : Segmentation genes: Gap genes, Pair rule genes,	3	Chalk & Talk / ICT	NA
4	IV	3	Early embryogenesis in Drosophila : Segment polarity genes, and Homeotic genes.	4	Chalk & Talk / ICT/ Case Studies	NA
5	IV	3	Cellular differentiation and morphogenesis	5	Chalk & Talk / ICT	NA
6	IV	3	Cellular differentiation and morphogenesis	6	Chalk & Talk / ICT	NA
7	IV	3	Cellular differentiation and morphogenesis: i. Neuronal v/s epidermal fate specification in Drosophila.	7	Chalk & Talk / ICT/ Case Studies	NA
8	IV	3	Cellular differentiation and morphogenesis: ii. Vulval induction in Caenorhabditis elegans.	8	Chalk & Talk / ICT/ Case Studies	NA
9	V	3	Morphogenesis-II: An introduction	9	Chalk & Talk / ICT	NA

S.K.P.

		3	Role of Cell Adhesion molecules in morphogenesis : Cadherins and Fibronectins	10	Chalk & Talk / ICT	NA
11	V	3	Role of Cell Adhesion molecules in morphogenesis : Cadherins	11	Chalk & Talk / ICT	NA
12	V	3	Role of Cell Adhesion molecules in morphogenesis : Fibronectins	12	ICT	NA
13	V	3	Genetics of imaginal discs and transdetermination	13	Chalk & Talk / ICT	NA
14	V	3	Limb development-an over view	14	Chalk & Talk / ICT	NA
15	V	3	Limb development-an over view : i. Proximo-distal axis specification in developing limb. ii. Cell death and formation of digits.	15	Chalk & Talk / ICT/ Case Studies	NA
16	V	3	Limb development-an over view : ii. Cell death and formation of digits.	16	Chalk & Talk / ICT	NA
17	VI	3	Post embryonic development: An introduction	17	Chalk & Talk / ICT	NA
18	VI	3	Metamorphosis : Endocrine and molecular control of metamorphosis in insects and amphibians	18	Chalk & Talk / ICT/ Case Studies	NA
19	VI		Metamorphosis : metamorphosis in insects	19	Chalk & Talk / ICT/ Case Studies	NA
20	VI		Metamorphosis : metamorphosis in amphibians	20	Chalk & Talk / ICT/ Case Studies	NA
21	VI		Types of growth	21	ICT	NA
22	VI		Regeneration : Types, Blastema formation, Sources of cells for regeneration	22	Chalk & Talk / ICT	NA
23	VI		Regeneration : Sources of cells for regeneration	23	Chalk & Talk / ICT/ Case Studies	NA
24	VI		Abnormal development as seen in Teratogenesis.	24	Chalk & Talk / ICT	NA

2024

MR. J.D.



JSS College of Arts, Commerce and Science

PG Dept. Of Zoology

Lesson Plan/Session Plan (2023-24)

Teacher: Dr. Ramyashree M

Course with Course code: SC 2.8 Immunology (ZOB 230A)

Hours allotted/ week-2

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	2	History; types of immunity	1	Chalk and talk & ICT	Direct
2	1	2	Innate and Acquired immunity	1	ICT/ Group discussion	Direct
3	1	2	Cells and Organs of immune system	1	ICT/ Group discussion	Direct
4	1	2	Cells and Organs of immune system	1	ICT/ Group discussion	Direct
5	1	2	Primary lymphoid organs	1	ICT/ Group discussion	Direct
6	1	2	Primary lymphoid organs	1	ICT/ Group discussion	Direct
7	1	2	Secondary lymphoid organs	1	ICT/ Group discussion	Direct
8	1	2	Secondary lymphoid organs	1	ICT/ Group discussion	Direct
9	2	2	Factors affecting immunogenicity	1	ICT/ Group discussion	Direct
10	2	2	Adjuvant, epitope, hapten	1	ICT/ Group discussion	Direct
11	2	2	Basic structure of immunoglobulin	1	ICT/ Group discussion	Direct
12	2	2	Types of immunoglobulin	1	ICT/ Group discussion	Direct
13	2	2	Functions of immunoglobulin	1	ICT/ Group discussion	Direct
14	2	2	Monoclonal antibodies	1	ICT/ Group discussion	Direct
15	2	2	Antigen antibody reaction	1	ICT/ Group discussion	Direct
16	2	2	Antigen antibody reaction	1	ICT/ Group discussion	Direct

MS



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Programme: M.Sc Zoology
Course Title: SC - 2.8 Immunology
Faculty Name: Sangeetha P K

Programme Code: Z0017
Course Code: Z0B230

Semester: II
No. of Hours: 24

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	IV	3	Immunotechniques: An introduction	1	ICT	NA
2	IV	3	Agglutination & Precipitation: An overview	2	ICT	NA
3	IV	3	Agglutination	3	ICT	NA
4	IV	3	Precipitation	4	ICT	NA
5	IV	3	Immunofluorescence; RIA	5	ICT	NA
6	IV	3	Immunofluorescence; ELISA.	6	ICT	NA
7	IV	3	Immunofluorescence; Immuno-electrophoresis	7	ICT	NA
8	IV	3	Immunofluorescence; Western blotting.	8	ICT	NA
9	V	3	Major histocompatibility complex and Hypersensitivity: An introduction	9	ICT	NA
10	V	3	Agglutination	10	ICT	NA
11	V	3	Transplantation	11	ICT	NA
12	V	3	Graft rejection	12	ICT	NA

Sangeetha P K



		3	Genetic organization of H2 and HLA complexes	13	ICT	NA
14	V	3	HLA typing	14	ICT	NA
15	V	3	Immediate hypersensitivity.	15	ICT	NA
16	V	3	Delayed hypersensitivity.	16	ICT	NA
17	VI	3	Vaccines and Vaccination: An Overview	17	ICT	NA
18	VI	3	Types of Vaccines and their significance	18	ICT	NA
19	VI	3	Vaccines significance	19	ICT	NA
20	VI	3	Vaccine delivery systems	20	ICT	NA
21	VI	3	Vaccine delivery systems	21	ICT	NA
22	VI	3	Congenital immunodeficiencies	22	ICT	NA
23	VI	3	Acquired immunodeficiencies	23	ICT	NA
24	VI	3	Current scenario of vaccines	24	ICT	NA

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MS

JSS College of Arts, Commerce and Science
PG Dept. of Zoology

Lesson Plan/Session Plan 2023-24

Teacher: Dr. Nijagal B.S.

Course with Course code: HC 4.1 Advanced Genetics & Computational Biology (202030)

Hours allotted/ week-2

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Introductory class	1	ICT/ Group discussion	NA
2	1	1	Prokaryotes, Eukaryotic nuclear genomes - C-value paradox	1	ICT/ Group discussion	NA
3	1	1	Eukaryotic organelle genomes Split Genes	1	ICT/ Group discussion	NA
4	1	1	Mobile genetic elements in Prokaryotes (bacteria) and Eukaryotes (Drosophila, maize and humans)	1	ICT/ Group discussion	NA
5	1	1	Genome Projects of model organisms	1	ICT/ Group discussion	NA
6	2	1	Cancer incidence and mortality, types of cancer, causes of cancer, properties of cancer cells	1	ICT/ Group discussion	NA
7	2	1	Genetic basis of Carcinogenesis- Oncogenes: proto-oncogenes, oncogenes, retroviral oncogenes in human cancer	1	ICT/ Group discussion	NA
8	2	1	Tumor suppressor genes: Functions of tumor suppressor gene products. Cancer as a multistep process	1	ICT/ Group discussion	NA
9	2	1	Animal models of cancer research: Transgenic mouse and Drosophila models.	1	ICT/ Group discussion	NA
10	3	1	History of human genetics, pattern of inheritance, pedigree analysis	1	ICT/ Group discussion	NA

11	3	1	Human genome: Organization, distribution of genes, gene families.	1	ICT/ Group discussion	NA
12	3	1	Genetic basis of syndromes and disorders	1	ICT/ Group discussion	NA
13	4	1	Introduction, types of quantitative trait, Nature of quantitative traits and their inheritance	1	ICT/ Group discussion	NA
14	4	1	Polygenic inheritance (Multifactorial hypothesis)	1	ICT/ Group discussion	NA
15	4	1	analysis of continuous variation; Variations associated with polygenic traits	1	ICT/ Group discussion	NA
16	5	1	Genomics: Definition and types of genomics	1	ICT/ Group discussion	NA
17	5	1	Structural genomics: whole genome shotgun sequencing, gene annotation, gene families and clusters.	1	ICT/ Group discussion	NA
18	5	1	Orthologs and paralogs. Functional genomics: Transcriptome,	1	ICT/ Group discussion	NA
19	5	1	Microarray technology	1	ICT/ Group discussion	NA
20	6	1	Proteomics: Definition, Protein structure determination, protein domains, protein folding	1	ICT/ Group discussion	NA
21	6	1	Computer aided protein structure analysis, Protein-protein interactions,	1	ICT/ Group discussion	NA
22	6	1	Protein microarrays	1	ICT/ Group discussion	NA
23	7	1	Nucleic acid sequence analysis: Alignment, similarity searches including remote similarity searches	1	ICT/ Group discussion	NA
24	7	1	secondary structure element, motifs, Single nucleotide	1	ICT/ Group discussion	NA

			polymorphism(SNP),			
25	7	1	Two dimensional polyacrylamide gel electrophoresis	1	ICT/ Group discussion	NA
26	7	1	Mass Spectrometry	1	ICT/ Group discussion	NA
27	8	1	Nucleic acid sequence databases and tools: Genbank, UCSC, ENSEMBL	1	ICT/ Group discussion	NA
28	8	1	Nucleic acid sequence databases and tools: EMBL, DDBJ, BLAST vs FASTA,	1	ICT/ Group discussion	NA
29	8	1	Nucleic acid sequence databases and tools: file formats-FASTA, GCG, Genscan and ClustalW	1	ICT/ Group discussion	NA
30	8	1	Protein sequence databases and tools: Uni- prot, PDB,	1	ICT/ Group discussion	NA
31	8	1	Protein sequence databases and tools: PIR	1	ICT/ Group discussion	NA
32	8	1	Protein sequence databases and tools: BLAST, PSI- BLAST	1	ICT/ Group discussion	NA

MS

Nijl BS



Programme: M.Sc Zoology

Programme Code: Z0017

Semester: IV

Course Title: HC - 4.1 Advanced Genetics and Computational Biology

Course Code: ZOD030

No. of Hours: 14

Faculty Name: Sangeetha P K

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	2	Prokaryotes, Eukaryotic nuclear genomes - C-value paradox,	1	ICT	NA
2	I	2	Eukaryotic organelle genomes Split Genes Mobile genetic elements in Prokaryotes (bacteria) and Eukaryotes (Drosophila, maize and humans)	2	ICT	NA
3	I	2	Genome Projects of model organisms (C. elegans, Drosophila and Mouse).	3	ICT	NA
4	IV	2	Introduction, types of quantitative trait	4	ICT	NA
5	IV	2	Nature of quantitative traits and their inheritance- Polygenic inheritance (Multifactorial hypothesis) - analysis of continuous variation	5	ICT	NA
6	IV	2	Variations associated with polygenic traits	6	ICT	NA
7	IX	2	Alignment, similarity searches including	7	ICT	NA

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			remote similarity searches,			
8	IX	2	secondary structure element, motifs,	8	ICT	NA
9	IX	2	Single nucleotide polymorphism (SNP), Two dimensional	9	ICT	NA
10	IX	2	polyacrylamide gel electrophoresis, Mass Spectrometry.	10	ICT	NA
11	X	2	Nucleic acid sequence databases and tools: Genbank, UCSC, ENSEMBL, EMBL,	11	ICT	NA
12	X	2	Nucleic acid sequence databases and tools: DDBJ, BLAST vs FASTA,	12	ICT	NA
13	X	2	Nucleic acid sequence databases and tools: file formats-FASTA, GCG, Genscan and ClustalW.	13	ICT	NA
14	X	2	Protein sequence databases and tools: Uni-prot, PDB, PIR, BLAST, PSI- BLAST (steps involved in use and interpretation of results).	14	ICT	NA

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JSS College of Arts, Commerce and Science
PG Dept. Of Zoology
 Lesson Plan/Session Plan (2023-24)

Programme: M.Sc Zoology
Course Title: HC 4.2 Applied Zoology
Faculty Name: Dr. Ramyashree M

Programme Code: ZOO17
Course Code: ZOD 040

Semester: IV
No. of Hours: 32

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	2	Aquaculture an overview, Nutritional value and food security	1	Chalk and talk & ICT	NA
2	1	2	Pond preparation for aquaculture	1	ICT/ Group discussion	NA
3	1	2	Carp culture	1	ICT/ Group discussion	NA
4	1	2	Marine fish culture	1	ICT/ Group discussion	NA
5	1	2	Ornamental fish culture	1	ICT/ Group discussion	NA
6	1	2	Prawn culture	1	ICT/ Group discussion	NA
7	1	2	Shrimp culture	1	ICT/ Group discussion	NA
8	1	2	Fattening of crabs	1	ICT/ Group discussion	NA
9	1	2	Crayfish and Lobster culture	1	ICT/ Group discussion	NA
10	1	2	Molluscan culture	1	ICT/ Group discussion	NA
11	1	2	Live feed culture	1	ICT/ Group discussion	NA
12	1	2	Water quality management and sanitation	1	ICT/ Group discussion	NA
13	1	2	Artificial feed formulation and low cost feed formulation	1	ICT/ Group discussion	NA
14	2	2	Salient feature of saturnidae and bombycidae	1	ICT/ Group discussion	NA
15	2	2	Mulberry and Non mulberry silkworms	1	ICT/ Group discussion	NA
16	2	2	Morphology and life cycle of <i>Bombyx mori</i>	1	ICT/ Group discussion	NA
17	2	2	Structure and function of silk glands	1	ICT/ Group discussion	NA
18	2	2	Silkworm rearing technology	1	ICT/ Group discussion	NA
19	2	2	Pests and diseases of Silkworm	1	ICT/ Group discussion	NA

MP

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme: M.Sc Zoology

Programme Code: ZOO17

Semester: II Course

Title: HC 4.2 Applied Zoology

Course Code: ZODO40

No. of Hours: 32

Faculty Name: Dr. Navyashree B

Sl. No	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies	Assessment Methodologies
1	III	2	Introduction	1	ICT/ Group discussion	NA
2		2	Scope and its importance	2	ICT/ Group discussion	NA
3		2	Classification and morphology of honey bees	3	ICT/ Group discussion	NA
4		2	Species and races of honey bees, tribal life and bee hunting	4		
5		2	Sex separation, comb building	5	ICT/ Group discussion	NA
6		2	Honey and its chemical composition, medicinal importance.	6	ICT/ Group discussion	NA
7		2	Economic importance of honey, wax, bee pollination, pollen and Venom.	7	ICT/ Group discussion	NA
8		2	Economic importance of honey, wax, bee pollination, pollen and Venom.	8	ICT/ Group discussion	NA
9	IV	2	Introduction to vermiculture	9	ICT/ Group discussion	NA
10		2	Definition, meaning, history, economic importance, their value in maintenance of soil structure	10	ICT/ Group discussion	NA
11		2	Useful species : Local species and Exotic species of earthworms. Role of four R's.	11	ICT/ Group discussion	NA
12		2	Taxonomy Anatomy	12	ICT/ Group discussion	NA
13		2	Physiology of Lumbricidae and	13	ICT/ Group discussion	NA

		Eudrilidae			
	2	Reproduction of Lumbricidae and Eudrilidae	14	ICT/ Group discussion	NA
15	2	Earthworm Farming- vermicomposting harvest and processing.	15	ICT/ Group discussion	NA
16	2	Nutritional Composition of Vermicompost	16	ICT/ Group discussion	NA

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ME

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru – 570025

MSc Degree Programme in Biochemistry
Programme Code: BIC
Lesson Plan/Session Plan 2023-24

Semester: First

Course Title: Analytical Biochemistry 1

Course Code: BCA040A

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	1	Introduction class	1	Day 1	ICT	Written test/Assignment
2	I	1	Cell Fractionation Techniques	1	Day 2	ICT	Written test/Assignment
3	I	1	Preparation of extracts for Biochemical Estimations	1	Day 3	ICT	Written test/Assignment
4	I	1	Physico-Chemical properties of Solvents	1	Day 4	ICT	Written test/Assignment
5	I	1	Solubility and miscibility	1	Day 5	ICT	Written test/Assignment
6	I	1	Salting-in and salting-out	1	Day 6	ICT	Written

							test/Assignment
7	I	1	Solvent extraction preparation	1	Day 7	ICT	Written test/Assignment
8	I	1	Cell lysis	1	Day 8	ICT	Written test/Assignment
9	I	1	Dialysis	1	Day 9	ICT	Written test/Assignment
10	I	1	Ultrafiltration	1	Day 10	ICT	Written test/Assignment
11	II	1	Chromatography introduction	1	Day 1	ICT	Written test/Assignment
12	II	1	Partition chromatography	1	Day 2	ICT	Written test/Assignment
13	II	1	Paper chromatography	1	Day 3	ICT	Written test/Assignment
14	II	1	Thin layer chromatography	1	Day 4	ICT	Written test/Assignment
15	II	1	Gel filtration chromatography	1	Day 5	ICT	Written test/Assignment
16	II	1	HPLC	1	Day 6	ICT	Written test/Assignment
17	II	1	Gas chromatography	1	Day 7	ICT	Written test/Assignment
18	II	1	Beer-Lamberts Law, verifications and deviations	1	Day 8	ICT	Written test/Assignment
19	II	1	Phosphorescence and fluorescence	1	Day 9	ICT	Written test/Assignment
20	II	1	Luminescence	1	Day 10	ICT	Written test/Assignment
21	II	1	UV-Vis spectroscopy- Principle and applications	1	Day 11	ICT	Written test/Assignment
22	II	1	Turbidometry	1	Day 12	ICT	Written test/Assignment
23	II	1	Nephelometry	1	Day 13	ICT	Written

							test/Assignment
24	II	1	Diffraction spectra	1	Day 14	ICT	Written test/Assignment
C-I Internal Assessment Test							
25	III	1	Electrophoresis-introduction	1	Day 1	ICT	Written test/Assignment
26	III	1	Principles of electrophoresis	1	Day 2	ICT	Written test/Assignment
27	III	1	Native-PAGE-principle and Applications	1	Day 3	ICT	Written test/Assignment
28	III	1	SDS-PAGE-principle and applications	1	Day 4	ICT	Written test/Assignment
29	III	1	Isoelectric focusing	1	Day 5	ICT	Written test/Assignment
30	III	1	2D-gel electrophoresis	1	Day 6	ICT	Written test/Assignment
31	III	1	Capillary electrophoresis	1	Day 7	ICT	Written test/Assignment
32	III	1	PFGE-principle and applications	1	Day 8	ICT	Written test/Assignment
33	III	1	Agarose gel electrophoresis	1	Day 9	ICT	Written test/Assignment
34	III	1	Isotachopheresis	1	Day 10	ICT	Written test/Assignment
35	III	1	PAS staining	1	Day 11	ICT	Written test/Assignment
36	III	1	Zymogram	1	Day 12	ICT	Written test/Assignment
37	III	1	Reverse Zymogram	1	Day 13	ICT	Written test/Assignment
38	IV	1	Centrifugation introduction	1	Day 1	ICT	Written test/Assignment
39	IV	1	Ultra-centrifuge-introduction	1	Day 2	ICT	Written test/Assignment

40	IV	1	Principle and applications of Ultracentrifuge	1	Day 3	ICT	Written test/Assignment
41	IV	1	Subcellular fractions	1	Day 4	ICT	Written test/Assignment
42	IV	1	Marker enzymes	1	Day 5	ICT	Written test/Assignment
43	IV	1	Sved berg constant	1	Day 6	ICT	Written test/Assignment
44	IV	1	Sedimentation equilibrium	1	Day 7	ICT	Written test/Assignment
45	IV	1	Tissue fixation	1	Day 8	ICT	Written/Assignment test/Ass
46	IV	1	SEM-principle and applications	1	Day 9	ICT	Written test/Assignment
47	IV	1	TEM-principle and applications	1	Day 10	ICT	Written test/Assignment
48	IV	1	Phase contrast microscope	1	Day 11	ICT	Written test/Assignment
49	IV	1	Confocal microscope	1	Day 12	ICT	Written test/Assignment
C-II Internal Assessment Test							

Semester: First

Course Title: Chemistry and Metabolism of Proteins and Nucleic

Course Code: BCA050A

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies	Assessment Methodologies
1	I	01	Introduction, Classification and structure of 20 aminoacids	01	Day 1	ICT	Assignment / written test
2	I	01	General properties of aa	01	Day 2	ICT	Assignment / written test
3	I	01	Peptide bond–stability and formation	01	Day3	ICT	Assignment / written test
4	I	01	Chemical synthesis of peptide	01	Day 4	ICT	Assignment / written test
5	I	01	Primary structure and determination	01	Day 5	ICT	Assignment / written test
6	I	01	Secondary structure and motifs, α helix, β sheet	01	Day 6	ICT	Assignment / written test
7	I	01	Leucine zipper, Zinc finger	01	Day 7	ICT	Assignment / written test
8	I	01	Tertiary & Quaternary structure (myoglobin, hemoglobin)	01	Day 8	ICT	Assignment / written test
9	I	01	Protein-protein interactions (actin, tubulin)	01	Day 9	ICT	Assignment / written test
10	I	01	Small peptides (glutathione, peptide hormones), Cyclic peptides (Gramicidin)	01	Day 10	ICT	Assignment / written test
11	I	01	Classification of proteins-globular, fibrous, membrane, metallo–proteins	01	Day 11	ICT	Assignment / written test

12	I	01	Denaturation (pH, temperature, chaotropic agents),	01	Day 12	ICT	Assignment / written test
13	I	01	Role of chaperones in folding	01	Day 13	ICT	Assignment / written test
14	II	01	Nitrogen cycle, Nitrogen fixation – symbiotic and non-symbiotic	01	Day 14	ICT	Assignment / written test
15	II	01	Metabolic fate of dietary proteins and amino acids	01	Day 15	ICT	Assignment / written test
16	II	01	Amino acids degraded to Pyruvate, Oxaloacetate	01	Day 16	ICT	Assignment / written test
17	II	01	Amino acids degraded to Acetyl-CoA, Succinyl-CoA	01	Day 17	ICT	Assignment / written test
18	II	01	Metabolism of branched chain amino acids	01	Day 18	ICT	Assignment / written test
19	II	01	urea cycle, regulation of urea cycle	01	Day 19	ICT	Assignment / written test
20	II	01	Genetic defects in metabolism of amino acids	01	Day 20	ICT	Assignment / written test
21	II	01	Phenylketonuria, maple syrup urine disease	01	Day 21	ICT	Assignment / written test
22	II	01	Genetic defects in metabolism of urea	01	Day 22	ICT	Assignment / written test
23	II	01	homocystinuria alkaptonuria	01	Day 23	ICT	Assignment / written test
Component I							
24	II	01	Acidemia, Carbamoyl Phosphate Synthetase-I deficiency	01	Day 24	ICT	Assignment / written test

25	III	01	Biosynthesis of amino acids and regulation of amino acid metabolism	01	Day 25	ICT	Assignment / written test
26	III	01	Biosynthesis and degradation of heme	01	Day 26	ICT	Assignment / written test
27	III	01	Biosynthesis of polyamines, creatine, gramicidine	01	Day 27	ICT	Assignment / written test
28	III	01	Biosynthesis and degradation of glycoproteins	01	Day 28	ICT	Assignment / written test
29	III	01	Biosynthesis and degradation of proteoglycans	01	Day 29	ICT	Assignment / written test
30	III	01	Protein degradation pathway–Ubiquitin–Proteosome pathway	01	Day 30	ICT	Assignment / written test
31	III	01	lysosomal pathway	01	Day 31	ICT	Assignment / written test
32	IV	01	Purines, pyrimidines, nucleosides, nucleotides, unusual bases	01	Day 32	ICT	Assignment / written test
33	IV	01	Structure of DNA – Watson Crick Model, A- and Z- forms	01	Day 33	ICT	Assignment / written test
34	IV	01	Supercoiling of DNA	01	Day 34	ICT	Assignment / written test
35	IV	01	Structure of RNA, tRNA, rRNA, siRNA / miRNA	01	Day 35	ICT	Assignment / written test
36	IV	01	Denaturation and renaturation,	01	Day 36	ICT	Assignment / written test
37	IV	01	T _m (factors affecting T _m) and Cot curves	01	Day 37	ICT	Assignment / written test
38	IV	01	Heteroduplex mapping – D loops and R loops.	01	Day 38	ICT	Assignment / written test

39	IV	01	Isolation and purification of nucleic acids from biological sources	01	Day 39	ICT	Assignment / written test
40	IV	01	Biosynthesis of purines	01	Day 40	ICT	Assignment / written test
41	IV	01	Biosynthesis of pyrimidines	01	Day 41	ICT	Assignment / written test
42	IV	01	Degradation of purines and pyrimidines	01	Day 42	ICT	Assignment / written test
43	IV	01	Regulation: de novo, salvation, nucleotide analogs,	01	Day 43	ICT	Assignment / written test
44	IV	01	conversion of nucleotides to deoxynucleotides	01	Day 44	ICT	Assignment / written test
45	IV	01	mechanism of action of methotrexate, 5-fluorouridine, azathymidine	01	Day 45	ICT	Assignment / written test
46	IV	01	Gout and Lesch–Nyhan syndrome	01	Day 46	ICT	Assignment / written test
47	IV	01	Biosynthesis of NAD	01	Day 47	ICT	Assignment / written test
48	IV	01	Biosynthesis of FAD	01	Day 48	ICT	Assignment / written test
49	IV	01	Biosynthesis of Coenzyme-A	01	Day 49	ICT	Assignment / written test
Component II							

Semester: First

Course Title: Experiments in Biochemical techniques and Enzymology and Seminar

Course Code: BCA060

Sl. No.	Unit	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies	Assessment Methodologies
1	I	4	Introduction about practical techniques and laboratory prerequisites	1	Chalk& Talk	Viva
2	I	4	Determination of Normality, Molarity and Molality of solutions	2	Chalk& Talk	Conduct experiments
3	I	4	Preparation of buffers: Acetate, Phosphate and Tris buffer	3	Chalk& Talk	Conduct experiments
4	I	4	Colorimetry–Beer's law and its applications	4	Chalk& Talk	Written test
5	I	4	Determination of Molar Extinction Coefficient	5	Chalk& Talk	Written test
6	I	4	Separation of amino acids by ascending and descending paper chromatography	6	Chalk& Talk	Conduct experiments
7	I	4	Separation of amino acids by circular paper chromatography	7	Chalk& Talk	Viva
8	I	4	Thin Layer Chromatographic separation of amino acids	8	Chalk& Talk	Written test
9	I	4	Gel filtration chromatography	9	Chalk& Talk	Written test
10	I	4	Ion exchange chromatography	10	Chalk& Talk	Viva

11	II	4	Estimation of protein by Lowry's method.	11	Chalk& Talk	Viva
12	II	4	Estimation of protein by Biuret reagent method	12	Chalk& Talk	Written test
13	II	4	Estimation of amino acids by Ninhydrin method	13	Chalk& Talk	Conduct experiments
14	II	4	Isolation of casein from milk and its quantification	14	Chalk& Talk	Viva
15	II	4	Electrophoresis–Separation of proteins by Native and SDS-PAGE	15	Chalk& Talk	Viva
16	II	4	Determination of <i>pKa</i> and <i>pI</i> of amino acid	16	Chalk& Talk	Viva
17	II	4	Estimation of amino acid by formal titration	17	Chalk& Talk	Written test
Component 1 (C1)						
18	II	4	Separation of nucleic acids by agarose gel electrophoresis	18	Chalk& Talk	Written test
19	III	4	Isolation of microbes from air, soil and water	19	Chalk& Talk	Written test
20	III	4	Gram's staining	20	Chalk& Talk	Viva
21	III	4	Determination of growth curve of bacteria	21	Chalk& Talk	Conduct experiments
22	III	4	Antibiotic sensitivity tests	22	Chalk& Talk	Written test
23	GS	4	Extraction, Isolation, Purification of acid phosphatase enzyme	23	Chalk& Talk	Conduct experiments
24	III	4	Determination of specific activity of acid Phosphatase	24	Chalk& Talk	Viva

25	GS	4	Determination of optimum temperature of acid Phosphatase	25	Chalk& Talk	Viva
26	GS	4	Determination of optimum pH of acid Phosphatase	26	Chalk& Talk	Conduct experiments
27	GS	4	Determination of optimum incubation time of acid Phosphatase	27	Chalk& Talk	Conduct experiments
28	GS	4	Determination of Km and Vmax of acid Phosphatase	28	Chalk& Talk	Conduct experiments
29	GS	4	Enzyme inhibition studies	29	Chalk& Talk	Conduct experiments
30	III	4	Determination of specific activity of salivary amylase	30	Chalk& Talk	Conduct experiments
31	III	4	Determination of specific activity of invertase	31	Chalk& Talk	Conduct experiments
32	GS	4	Determination of specific activity of protease	32	Chalk& Talk	Conduct experiments

Component 2 (C2)

Semester: First

Course Title: Enzymology

Course Code: BCA230A

Sl. No.	Unit No.	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	1	Introduction to Enzymology	1	ICT	Assignment
2	I	1	Nature of enzymes, Nomenclature and IUB classification of enzymes	2	ICT	Assignment
3	I	1	Units of enzyme activity	3	ICT	Assignment
4	I	1	Localization, isolation, purification and characterization of enzymes	4	ICT	Written viva
5	I	1	Criteria of purity of enzymes.	5	ICT	Assignment
6	I	1	Assay methods–coupled enzyme assays, continuous, end point and kinetic assay	6	ICT	Assignment
7	I	1	Enzyme Kinetics: Rate of a reaction, order and molecularity	7	ICT	Assignment
8	I	1	Michaelis Menten equation, initial velocity approach	8	ICT	Written viva
9	I	1	Steady state approach. V_{max} , K_m and their significance.	9	ICT	Assignment
10	I	1	Linear transformation of	10	ICT	Assignment

			Michaelis Menten equation– Lineweaver Burk plot			
11	I	1	Eadie Hofstee, Haynes–Wolf and Cornish–Bowden	11	ICT	Assignment
12	I	1	Reversible inhibition– Competitive, Non competitive and Uncompetitive	12	ICT	Written viva
13	I	1	Product inhibition, irreversible inhibition–suicide inhibition	13	ICT	Assignment
14	I	1	Determination of K_i	14	ICT	Assignment
15	I	1	Fast reactions–Stopped flow	15	ICT	Assignment
16	I	1	Temperature jump method with examples of enzymes.	16	ICT	Written viva
17	II	1	Bisubstrate enzyme catalysed reactions–Cleland's notation	17	ICT	Group discussion
18	II	1	Examples for ordered, ping pong, and random reaction	18	ICT	Assignment
19	II	1	General rate equation. Primary and secondary plots.	19	ICT	Assignment
20	II	1	Mechanisms of enzyme catalysis–Active site structure and its investigation	20	ICT	Written viva
21	II	1	Methods of determining active site structure	21	ICT	Group discussion
22	II	1	isolation of ES/EI complex	22	ICT	Assignment
23	II	1	affinity labeling	23	ICT	Assignment
24	II	1	chemical modification studies.	24	ICT	Written viva
25	II	1	Nature of enzyme catalysis	25	ICT	Group discussion
26	II	1	Transition state theory, proximity and orientation	26	ICT	Written viva
27	III	1	orbital steering, acid base catalysis	27	ICT	Group discussion
28	III	1	covalent catalysis, metal ion	28	ICT	Assignment

			catalysis			
29	III	1	nucleophilic and electrophilic catalysis	29	ICT	Assignment
30	III	1	intramolecular catalyses, entropy effects.	30	ICT	Written viva
31	III	1	Effect of temperature and pH on enzyme catalyzed reactions	31	ICT	Group discussion
32	III	1	Binding of ligands to macromolecules–Scatchard plot,	32	ICT	Assignment
33	III	1	Positive and Negative cooperativity.	33	ICT	Assignment
34	III	1	Oxygen binding to hemoglobin	34	ICT	Written viva
35	III	1	Hill equation, homotropic and heterotropic effectors	35	ICT	Group discussion
36	III	1	Allosteric enzyme	36	ICT	Assignment
37	III	1	Aspartyl transcarbamylase	37	ICT	Assignment
38	IV	1	Mechanisms of action of specific enzyme	38	ICT	Written viva
39	IV	1	Chymotrypsin zymogen activation, acid–base catalysis	39	ICT	Group discussion
40	IV	1	Charge relay net work. Lysozyme, alcohol dehydrogenase	40	ICT	Assignment
41	IV	1	Ribonuclease, Carboxypeptidase–A, RNA as enzyme	41	ICT	Assignment
42	IV	1	Coenzymic action of NAD+, FAD	42	ICT	Written viva
43	IV	1	TPP, PLP, biotin, CoA	43	ICT	Group discussion
44	IV	1	Folic acid and lipoic acid.	44	ICT	Assignment
45	IV	1	Multienzyme complexes:	45	ICT	Assignment

			Isoenzymes, eg. LDH.			
46	IV	1	Multifunctional enzyme (DNA polymerase) multi enzyme complex (PDC	46	ICT	Written viva
47	IV	1	Metabolic regulation of enzyme activity	47	ICT	Group discussion
48	IV	1	Feedback regulation	48	ICT	Assignment
Component 2						

Semester: First

Course Title: Chemical Principles and Biochemical Reactions

Course Code: BCA250A

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	1	Introduction class Acids and bases, Buffers	1	Day 1	ICT	Assignment
2	I	1	Buffering capacity. Ionic strength-	1	Day 2	ICT	Assignment
3	I	1	Molarity, Normality, Mole concept, Avogadro number,	1	Day 3	ICT	Assignment
4	I	1	Structure of water.	1	Day 4	ICT	Written viva
5	I	1	Special properties of water.	1	Day 5	ICT	Assignment
6	I	1	Henderson- Hasselbalch equation	1	Day 6	ICT	Assignment

7	I	1	Covalent bond, ionic bond, Coordinate bond.	1	Day 7	ICT	Assignment
8	I	1	Coordinate bond formation by transition metals in biological complex structures.	1	Day 8	ICT	Written viva
9	I	1	Cont. Coordinate bond formation by transition metals in biological complex structures.	1	Day 9	ICT	Assignment
10	I	1	Crystal field theory,	1	Day 10	ICT	Assignment
11	I	1	Ligand field theory,	1	Day 11	ICT	Assignment
12	I	1	Acid base balance and its regulation.	1	Day 12	ICT	Written viva
13	I	1	Valence bond theory.	1	Day 13	ICT	Assignment
14	I	1	Bonding of iron in hemoglobin and cytochromes	1	Day 14	ICT	Assignment
15	I	1	cobalt in Vit B12, and Mg ²⁺ in chlorophyll	1	Day 15	ICT	Assignment
16	I	1	Chelates and complexes.	1	Day 16	ICT	Written viva
17	II	1	Osmotic pressure, vapour pressure,	1	Day 17	ICT	Group discussion
18	II	1	vapour pressure osmometer	1	Day 18	ICT	Assignment
19	II	1	Donnan membrane equilibrium.	1	Day 19	ICT	Assignment
20	II	1	Introduction to thermodynamics: I, II and III law	1	Day 20	ICT	Written viva
21	II	1	Enthalpy, entropy and free energy	1	Day 21	ICT	Group discussion
22	II	1	Hydrogen electrode, oxygen electrode,	1	Day 22	ICT	Assignment
23	II	1	oxidation and reduction reactions	1	Day 23	ICT	Assignment

24	II	1	Redox potential.	1	Day 24	ICT	Written viva
Component I							
25	III	1	Importance of Stereochemistry,	1	Day 25	ICT	Group discussion
26	III	1	position and order of groups around carbon.	1	Day 26	ICT	Written viva
27	III	1	tubular reabsorption	1	Day 27	ICT	Group discussion
28	III	1	Geometric and optical isomerism,	1	Day 28	ICT	Assignment
29	III	1	absolute and relative configuration.	1	Day 29	ICT	Assignment
30	III	1	Symmetry view of chirality,	1	Day 30	ICT	Written viva
31	III	1	relation between chirality and optical activity,	1	Day 31	ICT	Group discussion
32	III	1	Representation of chiral structures by Fischer	1	Day 32	ICT	Assignment
33	III	1	Structure and stereochemistry of glucose anomers and epimers	1	Day 33	ICT	Assignment
34	III	1	stereoisomers, D and L, + and – R and S notations.	1	Day 34	ICT	Written viva
35	III	1	Chemistry, biological occurrence of furan, indole, thiazole	1	Day 35	ICT	Group discussion
36	III	1	Chemistry, biological occurrence of pterine, pteridine, isoalloxazine, pyrrole.	1	Day 36	ICT	Assignment
37	IV	1	Classification of organic reactions.	1	Day 37	ICT	Assignment
38	IV	1	Reaction intermediates, reaction energetics, rate,	1	Day 38	ICT	Written viva
39	IV	1	Mechanisms and stereochemistry of substitution,	1	Day 39	ICT	Group discussion

40	IV	1	Mechanisms and stereochemistry addition, and elimination.	1	Day 40	ICT	Assignment
41	IV	1	Rearrangements reactions. Mechanisms of ester hydrolysis.	1	Day 41	ICT	Assignment
42	IV	1	Aromaticity and resonance structure	1	Day 42	ICT	Written viva
43	IV	1	Hydrogenation- homogenous and heterogenous hydrogenation	1	Day 43	ICT	Group discussion
44	IV	1	Secondary metabolites: Phytochemicals, terpenes,	1	Day 44	ICT	Assignment
45	IV	1	polyphenols, procyanidins,	1	Day 45	ICT	Assignment
46	IV	1	flavonoids, xanthones	1	Day 46	ICT	Written viva
47	IV	1	alkaloids and pigments	1	Day 47	ICT	Group discussion
48	IV	1	Vitamins-provitamins, antivitamins hypervitaminosis, vitamin like compounds.	1	Day 48	ICT	Assignment
Component II							

Semester: Second

Course Title: Analytical Biochemistry–II

Course Code: BCB040A

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	1	Introduction class	1	Day 1	ICT	Assignment/Written test
2	I	1	Animal models - introduction	1	Day 2	ICT	Assignment/Written test
3	I	1	Animals in Biomedical research	1	Day 3	ICT	Assignment/Written test
4	I	1	Choice of animals for research	1	Day 4	ICT	Assignment/Written test
5	I	1	Mutant organisms	1	Day 5	ICT	Assignment/Written test
6	I	1	Plant as model system	1	Day 6	ICT	Assignment/Written test
7	I	1	Tissue culture as model system	1	Day 7	ICT	Assignment/Written test
8	I	1	Flow Cytometry-Introduction	1	Day 8	ICT	Assignment/Written test
9	I	1	Principle and Instrumentation of Flow cytometry	1	Day 9	ICT	Assignment/Written test
10	I	1	Cell sorting-Principle and Applications	1	Day 10	ICT	Assignment/Written test
11	I	1	Methods of Cell sorting	1	Day 11	ICT	Assignment/Written

							test
12	I	1	MACS-Principle and Applications	1	Day 12	ICT	Assignment/Written test
13	I	1	Biosensors-Introduction	1	Day 13	ICT	Assignment/Written test
14	I	1	Concept and Design of Biosensors	1	Day 14	ICT	Assignment/Written test
15	I	1	Types and uses of Biosensors	1	Day 15	ICT	Assignment/Written test
16	I	1	Principle and applications of Glucose biosensors	1	Day 16	ICT	Assignment/Written test
17	II	1	Cholesterol biosensors	1	Day 1	ICT	Assignment/Written test
18	II	1	Triglyceride Biosensors	1	Day 2	ICT	Assignment/Written test
19	II	1	Uric acid Biosensors	1	Day 3	ICT	Assignment/Written test
20	II	1	Oxalate biosensors	1	Day 5	ICT	Assignment/Written test
21	II	1	Radioactivity-Introduction	1	Day 6	ICT	Assignment/Written test
22	II	1	Detection and measurement of radioactivity	1	Day 7	ICT	Assignment/Written test
23	II	1	GM-Counter	1	Day 8	ICT	Assignment/Written test
24	II	1	Solid and Liquid Scintillation	1	Day 9	ICT	Assignment/Written test
C-I Internal Assessment Test							
25	II	1	Applications of radioisotopes in biology	1	Day 10	ICT	Assignment/Written test
26	II	1	Radiation Hazards	1	Day 11	ICT	Assignment/Written test
27	II	1	Autoradiography	1	Day 12	ICT	Assignment/Written test

28	III	1	Spectroscopy-Introduction	1	Day 1	ICT	Assignment/Written test
30	III	1	Spectrofluorimetry-principle and applications	1	Day 2	ICT	Assignment/Written test
31	III	1	Flame spectrophotometry	1	Day 3	ICT	Assignment/Written test
32	III	1	Atomic Absorption Spectrometry	1	Day 4	ICT	Assignment/Written test
33	III	1	IR-Spectroscopy-principle and applications	1	Day 5	ICT	Assignment/Written test
34	III	1	FT-IR-principle and applications	1	Day 6	ICT	Assignment/Written test
35	III	1	NMR-Introduction	1	Day 7	ICT	Assignment/Written test
36	III	1	NMR-Principle	1	Day 8	ICT	Assignment/Written test
37	III	1	Biochemical application of NMR	1	Day 9	ICT	Assignment/Written test
38	III	1	ESR-principle and applications	1	Day 10	ICT	Assignment/Written test
39	III	1	Measurement of ESR spectra-Biochemical applications	1	Day 11	ICT	Assignment/Written test
40	III	1	Principle of ORD	1	Day 12	ICT	Assignment/Written test
41	III	1	CD-principle and applications	1	Day 13	ICT	Assignment/Written test
42	IV	1	Mass spectroscopy-Introduction	1	Day 1	ICT	Assignment/Written test
43	IV	1	MALDI	1	Day 2	ICT	Assignment/Written test
44	IV	1	ESI	1	Day 3	ICT	Assignment/Written test
45	IV	1	MS/MS	1	Day 4	ICT	Assignment/Written test

							test
46	IV	1	LC/MS	1	Day 5	ICT	Assignment/Written test
47	IV	1	GC/MS	1	Day 6	ICT	Assignment/Written test
48	IV	1	Peptide mapping	1	Day7	ICT	Assignment/Written test
49	IV	1	Post translation modification	1	Day 8	ICT	Assignment/Written test
50	IV	1	XRD-Bragg's Law	1	Day 9	ICT	Assignment/Written test
51	IV	1	Fibre pattern of DNA	1	Day 10	ICT	Assignment/Written test
52	IV	1	Introduction to Nanoscience	1	Day 11	ICT	Assignment/Written test
53	IV	1	Importance of nanoscience in fundamental science	1	Day 12	ICT	Assignment/Written test
54	IV	1	Quantum Dots	1	Day 13	ICT	Assignment/Written test
55	IV	1	Nanoscale lithography	1	Day 14	ICT	Assignment/Written test
56	IV	1	Drug and gene delivery for human health	1	Day 15	ICT	Assignment/Written test
57	IV	1	Biosensors-Cleaning environment	1	Day 16	ICT	Assignment/Written test
C-II Internal Assessment Test							

Semester: Second

Course Title: Chemistry and Metabolism of Carbohydrates and Lipids

Course Code: BCB050A

Sl.	Unit	Credit	Topic of the Unit	No. of	Date of	Teaching Methodologies	Assessment
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No.		Hours		Lectures	Lecture		Methodologies
1	III	01	Introduction for Lipids	01	Day 1	ICT	Assignment / test
2	III	01	Classification and Biological significance of lipids	01	Day 2	ICT	Assignment / test
3	III	01	Fatty acids and Steroids	01	Day 3	ICT	Assignment / test
4	III	01	Bile acids and salts	01	Day 4	ICT	Assignment / test
5	III	01	Phospholipids	01	Day 5	ICT	Assignment / test
6	III	01	Oils, waxes and isoprene units	01	Day 6	ICT	Assignment / test
7	III	01	Lipoproteins	01	Day 7	ICT	Assignment / test
8	III	01	Glycolipids and Sphingolipids	01	Day 8	ICT	Assignment / test
9	III	01	Cerebrosides and Gangliosides	01	Day 9	ICT	Assignment / test
10	III	01	Prostaglandins,	01	Day 10	ICT	Assignment / test
11	III	01	Prostacyclins and Thromboxanes	01	Day 11	ICT	Assignment / test
12	III	01	Leukotrienes	01	Day 12	ICT	Assignment / test
13	IV	01	Introduction to metabolism of lipids	01	Day 12	ICT	Assignment / test
14	IV	01	Fate of dietary fats and apolipoproteins	01	Day 14	ICT	Assignment / test
Component I							
15	IV	01	Beta oxidation of fattyacids	01	Day 15	Chalk & Talk	Assignment / test
16	IV	01	Breakdown of odd chain fattyacids	01	Day 16	Chalk & Talk	Assignment / test
17	IV	01	Regulation of β , α and ω oxidation of fattyacids	01	Day 17	Chalk & Talk	Assignment / test

18	IV	01	Fatty acid biosynthesis	01	Day 18	Chalk & Talk	Assignment / test
19	IV	01	Desaturation of fattyacids	01	Day 19	Chalk & Talk	Assignment / test
20	IV	01	Metabolism of phospholipids	01	Day 20	Chalk & Talk	Assignment / test
21	IV	01	Metabolism of sphingolipids	01	Day 21	Chalk & Talk	Assignment / test
22	IV	01	Regulation and biosynthesis of cholesterol	01	Day 22	Chalk & Talk	Assignment / test
23	IV	01	Formation of Ketone bodies	01	Day 23	Chalk & Talk	Assignment / test
24	IV	01	Biosynthesis of prostaglandin	01	Day 24	Chalk & Talk	Assignment / test
25	IV	01	Biosynthesis of prostacyclins	01	Day 25	Chalk & Talk	Assignment / test
26	IV	01	Biosynthesis of thrombaxanes and leukotrienes	01	Day 26	Chalk & Talk	Assignment / test
27	IV	01	Genetic defects of lipid metabolism	01	Day 27	Chalk & Talk	Assignment / test
28	IV	01	Familial hypercholesterolemia	01	Day 28	Chalk & Talk	Assignment / test
Component II							
29	-	01	Revision	01	Day 29	Group discussion	Viva/Written test
30	-	01	Revision	01	Day 30	Group discussion	Viva/Written test
31	-	01	Revision	01	Day 31	Group discussion	Viva/Written test

Semester: Second

Course Title: Experiments in Immunology and Biochemical Estimations and Seminar

Course Code: BCB060

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies	Assessment Methodologies
1	II	4	Introduction for practical	1	1	Chalk& Talk	Conduct experiments
2	III	4	Extraction of starch from potato	1	2	Chalk& Talk	Conduct experiments
3	III	4	Colorimetric estimation of reducing sugars (DNS reagent method)	1	3	Chalk& Talk	Conduct experiments
4	III	4	Estimation of Phosphate	1	4	Chalk& Talk	Written test
5	III	4	Estimation of reducing sugar: Hegedorn and Jensen Method	1	5	Chalk& Talk	Written test
6	II	4	Estimation of α -Keto-acid	1	6	Chalk& Talk	Conduct experiments
7	II	4	Estimation of Iron	1	7	Chalk& Talk	Viva
8	II	4	Estimation of ascorbic acid	1	8	Chalk& Talk	Written test
9	II	4	Estimation of Calcium.	1	9	Chalk& Talk	Written test
10	III	4	reducing sugar: Hegedorn and Jensen Method (Repeat)	1	10	Chalk& Talk	Viva
11	III	4	Total Cell Counting of blood	1	11	Chalk& Talk	Viva
12	III	4	Differential Cell Counting of blood	1	12	Chalk& Talk	Written test
13	III	4	Mitosis in onion root tips	1	13	Chalk& Talk	Conduct experiments
14	III	4	Meiosis in <i>tradescantia</i> /grasshopper testis	1	14	Chalk& Talk	Viva
Component 1							
16		4	Student Seminar	1	15	Chalk& Talk	Viva

17		4	Student Seminar	1	16	Chalk& Talk	Viva
18	III	4	Estimation of Phosphate	1	17	Chalk& Talk	Written test
19	III	4	Estimation of reducing sugar: Hegedorn and Jensen Method	1	18	Chalk& Talk	Written test
20	I	4	Estimation of α -Keto-acid	1	10	Chalk& Talk	Written test
21	II	4	Estimation of Iron	1	20	Chalk& Talk	Viva
22	I	4	Estimation of ascorbic acid	1	21	Chalk& Talk	Conduct experiments
23	II	4	Estimation of Calcium.	1	22	Chalk& Talk	Written test
24	I	4	reducing sugar: Hegedorn and Jensen Method (Repeat)	1	23	Chalk& Talk	Conduct experiments
25	III	4	Total Cell Counting of blood	1	24	Chalk& Talk	Viva
26	II	4	Differential Cell Counting of blood	1	25	Chalk& Talk	Viva
27	III	4	Mitosis in onion root tips	1	26	Chalk& Talk	Conduct experiments
28	II	4	Meiosis in <i>tradescantia</i> /grasshopper testis	1	27	Chalk& Talk	Conduct experiments
Component II							
29	II	4	Estimation of Calcium	1	28	Chalk& Talk	Conduct experiments

Semester: Second

Course Title: Immunology and Microbiology

Course Code: BCB250A

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Introduction to Immunology	1.	ICT	Written/Assignment
2	1	1	Historical developments in immunology	2.	ICT	Written/Assignment
3	1	1	Barriers to infection- Physical , Chemical and biological barriers to infection	3.	ICT	Written/Assignment
4	1	1	Innate immune response and cells of the innate immune responses	4.	ICT	Written/Assignment
5	1	1	Acquired immune response. T and B		ICT	Written/Assignment

			cells.			
6	1	1	Primary and Secondary lymphoid organs. Clonal selection theory of Burnet	5.	ICT	Written/Assignment
7	1	1	Haptens and determinants Epitopes and paratopes		ICT	Written/Assignment
8	1	1	Antigenicity, carbohydrates, proteins, nucleic acids and cells as antigen	6.	ICT	Written/Assignment
9	1	1	Introduction Immunoglobulins. Purification and Characterization.		ICT	Written/Assignment
10	1	1	Structure of Immunoglobulin	7.	ICT	Written/Assignment
11	1	1	Subclasses of Immunoglobulin IgG and IgM		ICT	Written/Assignment
12	1	1	Subclasses of Immunoglobulin IgD	8.	ICT	Written/Assignment

			and IgE and IgA			
13	1	1	Isotypic, allotypic and idiotypic variation	9.	ICT	Written/Assignment
14	2	1	Structure, components and properties of complement	10.	ICT	Written/Assignment
15	2	1	Hypersensitivity reactions: Introduction Type I and II		ICT	Written/Assignment
16	2	1	Type III and IV	11.	ICT	Written/Assignment
17	2	1	Development of T and B cell	12.	ICT	Written/Assignment
18	2	1	Subsets of T and B cells	13.	ICT	Written/Assignment
19	2	1	Antigen processing and presentation. cytokines		ICT	Written/Assignment
20	2	1	Immunoglobulin gene rearrangement for B-cell	14.	ICT	Written/Assignment
			C-I Assessment		ICT	
				15.	ICT	

				16.	ICT	
21	3	1	MHC gene and its polymorphism,.		ICT	Written/Assignment
22	3	1	Structure of MHC. MHC in transplantation.	17.	ICT	Written/Assignment
23	3	1	Transplantation. Types	18.	ICT	Written/Assignment
24	3	1	Graft rejection graft verses host reaction	19.	ICT	Written/Assignment
25	3	1	immuno diffusion, immunoelectrophoresis, immunofluorescence, RIA, ELISA		ICT	Written/Assignment
26	3	1	Tumour associated antigens, factors favoring tumour growth, immune servillance. Tumour necrosis factors α and β	20.	ICT	Written/Assignment
27	3	1	Immunological tolerance, auto immune disorders, AIDS, SCID	21.	ICT	Written/Assignment
28	3	1	Adjuvants; vaccines	22.	ICT	Written/Assignment

			and their preparations			
29	3	1	Polyclonal and monoclonal antibodies-hybridoma technique	23.	ICT	Written/Assignment
30	4	1	Discovery of microorganisms.		ICT	Written/Assignment
31	4	1	Theory of spontaneous generation. Era of Louis Pasteur.	24.	ICT	Written/Assignment
32	4	1	Microbes and fermentation. Microbes and diseases-Koch's Postulates	25.	ICT	Written/Assignment
33	4	1	Morphology, nomenclature and classification of bacteria.	26.	ICT	Written/Assignment
34	4	1	Morphology, nomenclature and classification of bacteria virus	27.	ICT	Written/Assignment
35	4	1	Morphology,	28.	ICT	Written/Assignment

			nomenclature and classification of yeasts and fungi.			
36	4	1	Microbial nutrition-Factors influencing growth,	29.	ICT	Written/Assignment
37	4	1	Measurement of growth, continuous culture, synchronous culture and chemostat.	30.	ICT	Written/Assignment
38	4	1	growth curve of bacteria	31.	ICT	Written/Assignment
39	4	1	Auxotrophs, autotrophs, heterotrophs	32.	ICT	Written/Assignment
40	4	1	Methods of cultivations and preservation of microorganisms.	33.	ICT	Written/Assignment
41	4	1	Methods of control of microorganisms	34.	ICT	Written/Assignment
42	4	1	Sterilization Techniques:	35.	ICT	Written/Assignment
43	4	1	Definitions of physical	36.	ICT	Written/Assignment

			methods, heat (dry & moist) filtration,			
44	4	1	Methods of control of microorganisms radiation; chemical agents-phenols	37.	ICT	Written/Assignment
45	4	1	Methods of control of microorganisms quaternary ammonium compounds & gases.	38.	ICT	Written/Assignment
46	4	1	complement fixation,	39.	ICT	Written/Assignment
47	4	1	structure and function of IL-2, TNF α . T and B interaction.	40.	ICT	Written/Assignment
48	4	1	Suppression of immune response	41.	ICT	Written/Assignment

Semester: Second

Course Title: Human Physiology and Nutrition

Course Code: BCB260A

Sl. No.	Unit No.	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	1	Introduction class	1	Chalk& Talk / ICT	Assignment
2	I	1	Blood – introduction, Composition of blood, Formed elements	2	Chalk& Talk / ICT	Assignment
3	I	1	Composition and function of blood plasma	3	Chalk& Talk / ICT	Assignment
4	I	1	Erythrocyte's structure and function	4	Chalk& Talk / ICT	Assignment
5	I	1	WBC types and Platelets-their functions	5	Chalk& Talk / ICT	Assignment
6	I	1	Blood clotting cascades: Intrinsic and extrinsic pathways	6	Chalk& Talk / ICT	Written viva
7	I	1	Dissolution of clot; Anticoagulants.	7	Chalk& Talk / ICT	Assignment
8	I	1	Buffer systems and Acid base balance and its regulation.	8	Chalk& Talk / ICT	Assignment
9	I	1	Hemostasis - blood volume	9	Chalk& Talk / ICT	Assignment
10	I	1	Blood pressure and its Regulation	10	Chalk& Talk / ICT	Assignment

11	I	1	Mechanism of gas exchange	11	Chalk& Talk / ICT	Assignment
12	I	1	oxygen binding by hemoglobin and factors affecting oxygenation	12	Chalk& Talk / ICT	Written viva
13	II	1	Anatomy of the liver, blood supply;	13	Chalk& Talk / ICT	Group discussion
14	II	1	Cells hepatocytes, endothelial cells, Kupffer cells and parenchymal cells.	14	Chalk& Talk / ICT	Assignment
15	II	1	Secretory and excretory function; detoxification and formation of bile	15	Chalk& Talk / ICT	Assignment
16	II	1	GI tract, digestion and absorption of carbohydrates,	16	Chalk& Talk / ICT	Group discussion
17	II	1	digestion and absorption of Proteins and lipids.	17	Chalk& Talk / ICT	Assignment
18	II	1	Mechanism of HCl production in the stomach. Gastrointestinal hormones.	18	Chalk& Talk / ICT	Assignment
19	II	1	Ultra-structure of the nephron, glomerular filtration	19	Chalk& Talk / ICT	Group discussion
20	II	1	Tubular reabsorption and Tubular secretion,	20	Chalk& Talk / ICT	Assignment
21	II	1	formation of urine	21	Chalk& Talk / ICT	Assignment
Component I						
22	III	1	Nutrition-Concepts of macro and micro nutrients,	22	Chalk& Talk / ICT	Written viva
23	III	1	essential nutrients and their classification	23	Chalk& Talk / ICT	Group discussion
24	III	1	Food groups, proximate analysis of foods,	24	Chalk& Talk / ICT	Assignment
25	III	1	chemical and biological analysis for nutrients.	25	Chalk& Talk / ICT	Assignment

26	III	1	Food as source of energy,	26	Chalk& Talk / ICT	Written viva
27	III	1	methods of determining energy value of foods,	27	Chalk& Talk / ICT	Group discussion
28	III	1	Calorimetry, physiological fuel values	28	Chalk& Talk / ICT	Assignment
29	III	1	daily requirement of energy, high and low-calorie diets.	29	Chalk& Talk / ICT	Assignment
30	III	1	Basal metabolic rate (BMR), factors affecting BMR,	30	Chalk& Talk / ICT	Written viva
31	III	1	specific dynamic action of foods.	31	Chalk& Talk / ICT	Group discussion
32	III	1	Carbohydrates-dietary sources, dietary fiber essentiality of carbohydrates.	32	Chalk& Talk / ICT	Assignment
33	III	1	Proteins-Evaluation of nutritive value of dietary protein	33	Chalk& Talk / ICT	Assignment
34	III	1	PER, BV, essential amino acids,	34	Chalk& Talk / ICT	Written viva
35	III	1	nutritional classification of proteins, supplementary value of proteins,	35	Chalk& Talk / ICT	Group discussion
36	III	1	Protein calorie malnutrition- Kwashiorkor and Marasmus.	36	Chalk& Talk / ICT	Assignment
37	III	1	Fats-Sources, invisible fat, essential fatty acids, PUFA.	37	Chalk& Talk / ICT	Written viva
38	IV	1	Vitamins-provitamins, antivitamins hypervitaminosis, vitamin like compounds.	38	Chalk& Talk / ICT	Assignment
39	IV	1	Fat soluble dietary sources, structure, daily requirements and functions.	39	Chalk& Talk / ICT	Assignment
40	IV	1	Continuation Fat soluble dietary sources, structure, daily requirements and functions.	40	Chalk& Talk / ICT	Written viva

41	IV	1	Water soluble dietary sources, structure, daily requirements and functions	41	Chalk& Talk / ICT	Group discussion
42	IV	1	Continuation Water soluble dietary sources, structure, daily requirements and functions	42	Chalk& Talk / ICT	Assignment
43	IV	1	Deficiency symptoms of B complex members and fat-soluble vitamins,	43	Chalk& Talk / ICT	Written viva
44	IV	1	Continuation Deficiency symptoms of B complex members and fat-soluble vitamins,	44	Chalk& Talk / ICT	Group discussion
45	IV	1	Minerals–Macro and micronutrients sources, requirements, functions and deficiency symptoms.,	45	Chalk& Talk / ICT	Assignment
46	IV	1	Water metabolism-distribution in body, Water-function and factors affecting water balance	46	Chalk& Talk / ICT	Written viva
47	IV	1	Recommended daily allowances, special nutrition for infants, children,	47	Chalk& Talk / ICT	Written viva
48	IV	1	Recommended daily allowances, special nutrition during pregnancy, lactation and old age, lactation and old age	48	Chalk& Talk / ICT	Group discussion
Component 2						

Semester: Third

Course Title: Cell Biology, Endocrinology and Cell Signaling

Course Code: BCC070A

Sl. No	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies	Assessment Methodologies
1	1	1	Cell types organization of prokaryotic and eukaryotic cells.	01	Day 1	ICT	Written/Assignment
2	1	1	Cell division mitosis and meiosis,	01	Day 2	ICT	Written/Assignment
3	1	1	cell cycle–phases of cell cycle	01	Day 3	ICT	Written/Assignment
4	1	1	cyclins and cdks. Regulation of cell growth and cell cycle.	01	Day 4	ICT	Written/Assignment
5	1	1	Cell motility molecular motors, microtubules,	01	Day 5	ICT	Written/Assignment
6	1	1	structure and composition. Microtubular associated proteins	01	Day 6	ICT	Written/Assignment
7	1	1	role in intracellular motility.	01	Day 7	ICT	Written/Assignment
8	1	1	Cellular organelles–Nucleus–internal organization, traffic	01	Day 8	ICT	Written/Assignment

			between the nucleus the nucleolus				
9	1	1	cytoplasm. Endoplasmic reticulum–protein sorting and transport	01	Day 9	ICT	Written/Assignment
10	1	1	golgi apparatus and lysosomes, morphology and function	01	Day 10	ICT	Written/Assignment
11	1	1	mitochondria, chloroplasts and peroxisomes	01	Day11	ICT	Written/Assignment
12	1	1	glyoxysomes	01	Day 12	ICT	Written/Assignment
13	1	1	Organization of lipid monolayer, bilayer,	01	Day 13	ICT	Written/Assignment
14	1	1	Physicochemical properties of biological membranes - compositions	01	Day 14	ICT	Written/Assignment
15	1	1	supra molecular organization - Singer and Nicolson's model.	01	Day 15	ICT	Written/Assignment
16	1	1	Membrane asymmetry-lipids proteins and carbohydrates	01	Day 16	ICT	Written/Assignment
17	1	1	lateral diffusion, biogenesis of lipids and proteins. Polarized cells, membrane domains- caveolae, rafts	01	Day 17	ICT	Written/Assignment
18	1	1	Membrane lipid and protein turnover	01	Day 18	ICT	Written/Assignment

19	1	1	intracellular targeting of proteins	01	Day 19	ICT	Written/Assignment
20	1	1	Factors influencing fluidity of membrane	01	Day 20	ICT	Written/Assignment
21	1	1	Laws of diffusion across membranes, simple diffusion, facilitated diffusion and	01	Day 21	ICT	Written/Assignment
22	1	1	active transport - glucose transporter Na ⁺ K ⁺ ATPase (Structure and mechanism of action)	01	Day 22	ICT	Written/Assignment
23	1	1	bacterial phosphotransferase system. Endocytosis, receptor mediated endocytosis, exocytosis	01	Day 23	ICT	Written/Assignment
24	1	1	ion channels, aquaporin channel, ionophores. Patch clamp technique.	01	Day 24	ICT	Written/Assignment
			C-I Assessment				
25	1	1	Endocrine organs in man. Hierarchy and regulation of hormone release.	01	Day 25	ICT	Written/Assignment
26	1	1	Classification of hormones based on solubility and structure	01	Day 26	ICT	Written/Assignment
27	1	1	mechanism of action of water soluble and lipid soluble hormones	01	Day 27	ICT	Written/Assignment

28	1	1	Structure and control of hypothalamus, GRH, somatostatin, TRH, CRH, GnRH. Pituitary-anatomy and structure	01	Day 28	ICT	Written/Assignment
29	1	1	Hormones of anterior, posterior and median lobes. Proopiomelanocortin.	01	Day 29	ICT	Written/Assignment
30	1	1	Thyroid, parathyroid, adrenals	01	Day 30	ICT	Written/Assignment
31	1	1	gonads–Testes and ovaries. Menstrual cycle	01	Day 31	ICT	Written/Assignment
32	1	1	Hypothalamus–pituitary target organ axis and regulation	01	Day 32	ICT	Written/Assignment
33	1	1	feedback mechanism, Pineal gland	01	Day 33	ICT	Written/Assignment
34	1	1	melatonin and circadian rhythm	01	Day 34	ICT	Written/Assignment
35	1	1	transmission–Central and peripheral nervous systems.	01	Day 35	ICT	Written/Assignment
36	1	1	Structure of neuron, axon, dendrites, synapse	01	Day 36	ICT	Written/Assignment
37	1	1	neuromuscular junction. Neurotransmitters-mechanisms	01	Day 37	ICT	Written/Assignment

			of nerve conduction				
38	1	1	α and β adrenergic neurons	01	Day 38	ICT	Written/Assignment
39	1	1	Skeletal muscle and smooth muscle contraction	01	Day 39	ICT	Written/Assignment
40	1	1	muscle proteins—actin, myosin, tropomyosine, troponins	01	Day 40	ICT	Written/Assignment
41	1	1	mechanisms of muscle contraction, role of calcium and calmodulin	01	Day 41	ICT	Written/Assignment
42	1	1	Biochemistry of vision	01	Day 42	ICT	Written/Assignment
43	1	1	Extra cellular signaling—G Protein linked receptors	01	Day 43	ICT	Written/Assignment
44	1	1	Role of cyclic AMP, IP3, DAG, Ca ²⁺ as	01	Day 44	ICT	Written/Assignment
45	1	1	receptos tyrosine kinases , MAP kinase pathway	01	Day 45	ICT	Written/Assignment
46	1	1	NFkB pathway, apoptosis, Cell survival pathway	01	Day 46	ICT	Written/Assignment
47	1	1	Jak/Stat pathway, TGF $\square\square$ Signaling	01	Day 47	ICT	Written/Assignment
48	1	1	Multiple signaling path ways—Insulin receptor (regulation of blood	01	Day 48	ICT	Written/Assignment

			glucose)				
			C-II Assessment				

Semester: Third

Course Title: Clinical Biochemistry

Course Code: BCC050A

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies	Assessment Methodologies
1	I	01	Introduction to Specimen Collection and Analysis	01	Day 1	ICT	Assignment / written test
2	I	01	Concepts of accuracy, precision, reproducibility, reliability, and other factors in quality control.	01	Day 2	ICT	Assignment / written test
3	I	01	Specimen collection and Processing	01	Day3	ICT	Assignment / written test
4	I	01	Collection of blood–venipuncture, skin puncture, arterial puncture.	01	Day 4	ICT	Assignment / written test
5	I	01	Anticoagulants.	01	Day 5	ICT	Assignment / written test
6	I	01	Collection and analysis of normal and abnormal urine	01	Day 6	ICT	Assignment / written test

7	I	01	preservatives.	01	Day 7	ICT	Assignment / written test
8	I	01	Clinical significance of sugars, proteins, ketone bodies, bilirubin and porphyrins.	01	Day 8	ICT	Assignment / written test
9	I	01	CSF-collection, composition and analysis.	01	Day 9	ICT	Assignment / written test
10	I	01	Amniotic fluid-Origin, collection, composition.	01	Day 10	ICT	Assignment / written test
11	II	01	Introduction to Disorders of carbohydrate metabolism	01	Day 11	ICT	Assignment / written test
12	II	01	Diabetes mellitus	01	Day 12	ICT	Assignment / written test
13	II	01	glycohemoglobins, hypoglycemias	01	Day 13	ICT	Assignment / written test
14	II	01	galactosemia and ketone bodies.	01	Day 14	ICT	Assignment / written test
15	II	01	glucose tolerance tests	01	Day 15	ICT	Assignment / written test
16	II	01	Glycogen storage diseases.	01	Day 16	ICT	Assignment / written test
17	II	01	Lipid profile	01	Day 17	ICT	Assignment / written test
18	II	01	lipidosis and multiple sclerosis	01	Day 18	ICT	Assignment / written test
19	II	01	Causes and diagnosis of the disorders of HDL-cholesterol, LDL-cholesterol and triglycerides.	01	Day 19	ICT	Assignment / written test
20	II	01	Cancer: Etiology, diagnosis, treatment and prognosis	01	Day 20	ICT	Assignment / written test
21	II	01	Carcinogens,	01	Day 21	ICT	Assignment / written test
22	II	01	oncogens,	01	Day 22	ICT	Assignment / written test

23	II	01	Biochemistry of ageing	01	Day 23	ICT	Assignment / written test
24	II	01	Cellular senescence, Role of Telomerase in aging,	01	Day 24	ICT	Assignment / written test
25	II	01	Alzheimer's disease.	01	Day 25	ICT	Assignment / written test
26	II	01	Parkinson's disease.	01	Day 26	ICT	Assignment / written test
Component I							
27	III	01	Evaluation of organ function tests	01	Day 27	ICT	Assignment / written test
28	III	01	Clinical assessment of renal, hepatic, pancreatic functions	01	Day 28	ICT	Assignment / written test
29	III	01	Clinical assessment of gastric, intestinal and thyroid functions	01	Day 29	ICT	Assignment / written test
30	III	01	Clinical importance of bilirubin	01	Day 30	ICT	Assignment / written test
31	III	01	Diagnostic enzymes: aspartate aminotransferase, alanine aminotransferase	01	Day 31	ICT	Assignment / written test
32	III	01	Diagnostic enzymes: creatine kinase, aldolase and lactate dehydrogenase	01	Day 32	ICT	Assignment / written test
33	III	01	Enzyme tests in determination of myocardial infarction	01	Day 33	ICT	Assignment / written test
34	III	01	Enzymes of pancreatic origin and biliary tract	01	Day 34	ICT	Assignment / written test
35	III	01	Protein hormones (anterior pituitary hormones, posterior pituitary hormones)	01	Day 35	ICT	Assignment / written test

36	III	01	steroid hormones	01	Day 36	ICT	Assignment / written test
37	III	01	Adrenocorticosteroids	01	Day 37	ICT	Assignment / written test
38	III	01	reproductive endocrinology	01	Day 38	ICT	Assignment / written test
39	III	01	Disorders of thyroid hormones	01	Day 39	ICT	Assignment / written test
40	IV	01	Biochemical aspects of hematology	01	Day 40	ICT	Assignment / written test
41	IV	01	Total cell count, differential count, hematocrit	01	Day 41	ICT	Assignment / written test
42	IV	01	Disorders of erythrocyte metabolism	01	Day 42	ICT	Assignment / written test
43	IV	01	hemoglobinopathies, thalassemias, thrombosis	01	Day 43	ICT	Assignment / written test
44	IV	01	porphyrias and anemias	01	Day 44	ICT	Assignment / written test
45	IV	01	Laboratory tests to measure coagulation and thrombolysis	01	Day 45	ICT	Assignment / written test
46	IV	01	Enzymes of detoxification	01	Day 46	ICT	Assignment / written test
47	IV	01	polymorphism in drug metabolizing enzymes	01	Day 47	ICT	Assignment / written test
48	IV	01	Mechanism of drug action and channels of its excretion	01	Day 48	ICT	Assignment / written test
49	IV	01	Test for lung function: Chest X-ray, Spirometry	01	Day 49	ICT	Assignment / written test
50	IV	01	Test for Brain function: EEG, MRI, CT	01	Day 50	ICT	Assignment / written test
Component II							

Semester: Third

Course Title: Experiments in Clinical Biochemistry and Molecular Biology and Research Paper Presentation

Course Code: BCC060

Sl. No.	Unit No.	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	4	Qualitative analysis of urine for normal organic constituents	1	Chalk& Talk	Conduct experiments
2	I	4	Qualitative analysis of urine for inorganic constituents	2	Chalk& Talk	Conduct experiments
3	I	4	Qualitative analysis of urine for abnormal constituents- Glucose	3	Chalk& Talk	Written test
4	I	4	albumin	4	Chalk& Talk	Conduct experiments
5	I	4	Ketone bodies	5	Chalk& Talk	Written test
6	I	4	Quantitative estimation of Creatine	6	Chalk& Talk	Written test
7	I	4	Quantitative estimation of Creatinine	7	Chalk& Talk	Conduct experiments
8	I	4	Urea	8	Chalk& Talk	Written test
9	I	4	Uric acid	9	Chalk& Talk	Viva
10	II	4	Sulphate	10	Chalk& Talk	Written test

11	II	4	Chloride	11	Chalk& Talk	Conduct experiments
12	II	4	Titration acidity	12	Chalk& Talk	Written test
13	II	4	Blood analysis -Quantitative estimation of Urea	13	Chalk& Talk	Viva
14	II	4	Uric acid	14	Chalk& Talk	Conduct experiments
15	III	4	Cholesterol -HDL-C	15	Chalk& Talk	Viva
16	III	4	LDL-C	16	Chalk& Talk	Written test
17	II	4	GTT	17	Chalk& Talk	Viva
Component 1						
18	III	4	Alkaline phosphatase	18	Chalk& Talk	Conduct experiments
19	III	4	SGOT	19	Chalk& Talk	Viva
20	II	4	SGPT	20	Chalk& Talk	Written test
21	III	4	LDH	21	Chalk& Talk	Viva
22	I	4	Electrophoresis of lipoproteins: Serum proteins	22	Chalk& Talk	Written test
23	III	4	Albumin/Globulin Ratio	23	Chalk& Talk	Conduct experiments
24	III	4	Fractionation of serum proteins	24	Chalk& Talk	Written test
25	III	4	Ammonium sulphate precipitation	25	Chalk& Talk	Written test
26	II	4	Isolation of DNA from biological sources	26	Chalk& Talk	Conduct experiments
27	I	4	Isolation of RNA from biological sources	27	Chalk& Talk	Written test
28	II	4	Quantitative determination of DNA	28	Chalk& Talk	Viva

29	II	4	Quantitative determination of RNA	29	Chalk& Talk	Written test
30	I	4	Quantitative determination of RNA	30	Chalk& Talk	Written test
31	II	4	Determination of melting temperature of DNA (T _m)	31	Chalk& Talk	Viva
32	III	4	Sub-cellular fractionation of rat liver by differential centrifugation and marker analysis	32	Chalk& Talk	Conduct experiments
33	I	4	Determination of activities of marker enzymes	33	Chalk& Talk	Viva
34	III	4	Preparation of erythrocyte ghosts	34	Chalk& Talk	Written test
35	III	4	Kinetics of uptake of glucose by erythrocytes	35	Chalk& Talk	Viva
36	II	4	Viability of cells by trypan blue dye exclusion	36	Chalk& Talk	Conduct experiments
37	III	4	Study of morphology of <i>Drosophila melanogaster</i>	37	Chalk& Talk	Viva
38	III	4	Study of morphology of <i>Drosophila melanogaster</i>	38	Chalk& Talk	Conduct experiments
39	II	4	Study of mutants of <i>Drosophila melanogaster</i>	39	Chalk& Talk	Conduct experiments
40	I	4	Study of polytene chromosomes of <i>Drosophila melanogaster</i>	40	Chalk& Talk	Viva
41	I	4	Isolation of plasmid DNA	41	Group study	Conduct experiments
Component 2						

Semester: Third

Course Title: Biotechnology and Research Methodology

Course Code: BCC230

Sl. No.	Unit No.	Credit Hours	Topic of the Unit	Lecture No.	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	1	Introduction class on Tissue culture	1	ICT	Assignment
2	I	1	Techniques of tissue culture	2	ICT	Assignment
3	I	1	Culturing explants	3	ICT	Assignment
4	I	1	Haploids, protoplasts fusion	4	ICT	Written viva
5	I	1	Embryoids	5	ICT	Assignment
6	I	1	Methods of gene transfer to plants	6	ICT	Assignment
7	I	1	Methods of gene transfer to animals	7	ICT	Assignment
8	I	1	bacteria-Ca transfection	8	ICT	Written viva
9	I	1	Electroporation	9	ICT	Assignment
10	I	1	Shotgun methods	10	ICT	Assignment
11	I	1	Transgenic plants	11	ICT	Assignment
12	I	1	Gene knockouts, transgenic animals	12	ICT	Written viva
13	II	1	Fermentors	13	ICT	Assignment
14	II	1	Types product recovery	14	ICT	Assignment
15	II	1	Purification of ethanol	15	ICT	Assignment
16	II	1	Citric acid	16	ICT	Written viva
17	II	1	Vitamin B12, Streptomycin	17	ICT	Group

						discussion
18	II	1	Enzyme biotechnology– production and uses of industrially important enzymes	18	ICT	Assignment
19	II	1	Protease,	19	ICT	Assignment
20	II	1	Immobilization of enzymes and their applications	20	ICT	Written viva
21	II	1	Waste treatment	21	ICT	Group discussion
22	II	1	Bioenergy	22	ICT	Assignment
23	II	1	Bioenergy production	23	ICT	Assignment
24	II	1	Biogas production	24	ICT	Written viva
25	II	1	Biopesticides	25	ICT	Group discussion
26	II	1	Bioleaching	26	ICT	Written viva
27	III	1	Biosafety and Bioethics	27	ICT	Group discussion
28	III	1	Biotechnology–potential hazards	28	ICT	Assignment
29	III	1	Biological weapons	29	ICT	Assignment
30	III	1	Biosafety of GM foods	30	ICT	Written viva
31	III	1	GMOs–substantial equivalence and safety testing	31	ICT	Group discussion
32	III	1	Human genome research	32	ICT	Assignment
33	III	1	Objectives and approaches	33	ICT	Assignment
34	III	1	Genomics and genome prospecting–the controversies,	34	ICT	Written viva
35	III	1	Issues of biotechnology-social and scientific	35	ICT	Group discussion
36	III	1	Technology protecting systems and terminator	36	ICT	Assignment
37	III	1	IPR, its concepts and conditions–patenting of genes	37	ICT	Assignment
38	III	1	Cells and life forms, evaluation of life patenting	38	ICT	Written viva

39	IV	1	Types of Research: Academic, Industrial, Clinical, Basic and Applied research	39	ICT	Group discussion
40	IV	1	Information, types and sources. PubMed as a resource	40	ICT	Assignment
41	IV	1	Research Design	41	ICT	Assignment
42	IV	1	Types of studies-cohort, double blind, placebo and cross-over	42	ICT	Written viva
43	IV	1	Statistical Methods: Error and significance, sample size and data collection	43	ICT	Group discussion
44	IV	1	presentation of data, parametric and non-parametric tests	44	ICT	Assignment
45	IV	1	Ethical issues	45	ICT	Assignment
46	IV	1	CMR guidelines of ethical issues,	46	ICT	Written viva
47	IV	1	IPR	47	ICT	Group discussion
48	IV	1	Plagiarism	48	ICT	Assignment
Component 2						

Semester: Third

Course Title: Nutrition and Health

Course Code: BCC740

Sl. No	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Understanding relationship between food, nutrition, health and food pyramid.	01	Day 1	ICT	Written/Assignment
2	1	1	Physiological, psychological and social Basic food groups and concept of balanced diet	01	Day 2	ICT	Written/Assignment
3	1	1	Functions, sources and concept of	01	Day 3	ICT	Written/Assignment

			energy balance.				
4	1	1	BMR and factors affecting BMR.	01	Day 4	ICT	Written/Assignment
5	1	1	Nutritional requirements and Recommended Dietary Allowances:	01	Day 5	ICT	Written/Assignment
6	1	1	Physiological considerations and nutritional concerns for the following life stages Adult man / woman Pre-school children Adolescent children	01	Day 6	ICT	Written/Assignment
7	1	1	Pregnant woman Nursing woman and infant Geriatrics	01	Day 7	ICT	Written/Assignment
8	1	1	Carbohydrates: Dietary sources and ssentiality of carbohydrates	01	Day 8	ICT	Written/Assignment

			and dietary fibres				
9	1	1	lactose intolerance Proteins: Dietary sources, essential amino acids,	01	Day 9	ICT	Written/Assignment
10	1	1	nutritional classification of proteins,s upplementary value of protein Gut Microbiome	01	Day 10	ICT	Written/Assignment
11	1	1	Fats: Sources, invisible fat, essential fattyacids DHA, EPA (□-fatty acids)	01	Day11	ICT	Written/Assignment
12	1	1	Dietary sources, daily requirements and deficiency disorders of the following micronutrients: Fat soluble vitamins	01	Day 12	ICT	Written/Assignment

13	1	1	Water soluble vitamins	01	Day 13	ICT	Written/Assignment
14	2	1	Etiology, prevalence, clinical features and preventive strategies of Undernutrition: Protein energy malnutrition	01	Day 14	ICT	Written/Assignment
15	2	1	BMI, Obesity,	01	Day 15	ICT	Written/Assignment
16	2	1	Minerals: Calcium, Iron, Zinc and Iodine	01	Day 16	ICT	Written/Assignment
17	2	1	Coronary Heart Disease	01	Day 17	ICT	Written/Assignment
18	2	1	Diabetes mellitus	01	Day 18	ICT	Written/Assignment
19	2	1	Estimation of Blood sugar, urine sugar,	01	Day 19	ICT	Written/Assignment
20	2	1	glucose tolerance test, HbA1c.	01	Day 20	ICT	Written/Assignment
21	3	1	Blood Pressure, ECG	01	Day 21	ICT	Written/Assignment
22	3	1	Lipid profile	01	Day 22	ICT	Written/Assignment

23	3	1	cardiac enzymes,	01	Day 23	ICT	Written/Assignment
24	3	1	National Nutrition Policy and Programmes: Integrated Child Development Services (ICDS)	01	Day 24	ICT	Written/Assignment
25	3	1	Scheme: Mid-day Meal Programme (MDMP)	01	Day 25	ICT	Written/Assignment
26	3	1	National programmes for prevention of Anemia,	01	Day 26	ICT	Written/Assignment
27	3	1	Vitamin A deficiency and Iodine Deficiency Disorders	01	Day 27	ICT	Written/Assignment
28	3	1	Smoking, Alcoholism	01	Day 28	ICT	Written/Assignment
29	3	1	AIDS Control Programme	01	Day 29	ICT	Written/Assignment

Semester: Fourth

Course Title: Molecular Biology and Gene Regulation

Course Code: BCD230

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Introduction : Molecular biology	1.	ICT	Written/Assignment
2	1	1	Historical perspectives	2.	ICT	Written/Assignment
3	1	1	Central dogma of molecular biology and types of RNA	3.	ICT	Written/Assignment
4	1	1	DNA replication. Semi conservative : Meselson and stah experiment.I	4.	ICT	Written/Assignment
5	1	1	Replication in <i>E.coli</i>		ICT	Written/Assignment
6	1	1	Okazaki fragments	5.	ICT	Written/Assignment

			and fidelity of replication			
7	1	1	Composition and properties of DNA Polymerases, gyrases and topoisomerases		ICT	Written/Assignment
8	1	1	Replication in viruses phi x174	6.	ICT	Written/Assignment
9	1	1	Organisation of prokaryotic and eukaryotic genes		ICT	Written/Assignment
10	1	1	Regulatory sequences	7.	ICT	Written/Assignment
11	1	1	Operon concept introduction		ICT	Written/Assignment
12	1	1	Lactose operon and global regulation	8.	ICT	Written/Assignment
13	1	1	Galactose and arabinose operon	9.	ICT	Written/Assignment
14	1	1	Tryptophan operon	10.	ICT	Written/Assignment
15	1	1	Structure of chromatin		ICT	Written/Assignment

16	1	1	Human genome	11.	ICT	Written/Assignment
17	1	1	DNA supercoiling	12.	ICT	Written/Assignment
18	1	1	Nucleosome structure, DNA methylation	13.	ICT	Written/Assignment
19	1	1	Chromatin remodelling		ICT	Written/Assignment
20	2	1	Transcription factors, Transcription initiation	14.	ICT	Written/Assignment
21	2	1	Elongation and Termination		ICT	Written/Assignment
22	2	1	mRNA processing,	15.	ICT	Written/Assignment
23	2	1	Transport of mRNA across the membrane.	16.	ICT	Written/Assignment
24	2	1	Factors effecting mRNA stability.		ICT	Written/Assignment
25	2	1	RNA degradation	17.	ICT	Written/Assignment
26	2	1	Processing of tRNA and rRNA.	18.	ICT	Written/Assignment
27	2	1	RNA replicase of QB virus.	19.	ICT	Written/Assignment

			C-I Assessment			
28	1	1	Nearest neighbor base frequency analysis	20.	ICT	Written/Assignment
29	2	1	Gene silencing	21.	ICT	Written/Assignment
30	3	1	Genetic code, triplet codon, ..	22.	ICT	Written/Assignment
31	3	1	universality features of the genetic code	23.	ICT	Written/Assignment
32	3	1	assignment of codons studies of Khorona, Nirenberg,		ICT	Written/Assignment
33	3	1	triplet binding techniques, degeneracy of codons, wobble hypothesis	24.	ICT	Written/Assignment
34	3	1	evolution of genetic code and codon usage,	25.	ICT	Written/Assignment
35	3	1	variation in the codon usage	26.	ICT	Written/Assignment
36	3	1	3D structure of prokaryotic and eukaryotic	27.	ICT	Written/Assignment

			ribosomes			
37	3	1	Translation- initiation, elongation and termination.	28.	ICT	Written/Assignment
38	3	1	Role of m-RNA and t-RNA;	29.	ICT	Written/Assignment
39	3	1	aminoacyl tRNA synthetase and its role in translation	30.	ICT	Written/Assignment
40	3	1	accuracy, signal sequence,	31.	ICT	Written/Assignment
41	3	1	translational proof- reading, translational inhibitors	32.	ICT	Written/Assignment
42	3	1	Posttranslational modification of proteins. Attachment of	33.	ICT	Written/Assignment
43	3	1	folding of nascent protein, role of chaperones,	34.	ICT	Written/Assignment
44	4	1	Regulation at the level of translation	35.	ICT	Written/Assignment
45	4	1	Role of upstream	36.	ICT	Written/Assignment

			AUG codons			
46	4	1	Role of ribosomes in the regulation of translation	37.	ICT	Written/Assignment
47			C-II Assessment	38.		

Semester: Fourth

Course Title: Genetics and Genetic Engineering

Course Code: BCD070A

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies	Assessment Methodologies
1	I	01	Basic principles of Mendel	01	Day 1	ICT	Assignment / test
2	I	01	Extension of Mendelian principles	01	Day 2	ICT	Assignment / test
3	I	01	Codominance and epistasis	01	Day3	ICT	Assignment / test
4	I	01	Pleiotropism and cytoplasmic inheritance	01	Day 4	ICT	Assignment / test
5	I	01	Organisation of genes in chromosome	01	Day 5	ICT	Assignment / test
6	I	01	Single copy gene & tandemly repeating genes	01	Day 6	ICT	Assignment / test
7	I	01	Ploidy and karyotyping	01	Day 7	ICT	Assignment / test

8	I	01	Sex chromosomes and dosage compensation	01	Day 8	ICT	Assignment / test
9	I	01	Mobile genetic elements	01	Day 9	ICT	Assignment / test
10	I	01	Chromosomal basis of human disease	01	Day 10	ICT	Assignment / test
11	I	01	Abnormalities in chromosome structure	01	Day 11	ICT	Assignment / test
12	I	01	Genetic control of development in drosophila	01	Day 12	ICT	Assignment / test
13	I	01	Sequential gene action in Drosophila	01	Day 13	ICT	Assignment / test
14	I	01	Revision and group discussion of Unit I	01	Day 14	Group discussion	Viva/Written test
Component I							
15	II	01	Introduction to population genetics	01	Day 15	ICT	Assignment / test
16	II	01	Genetic variation and Hardy-Weinberg Law	01	Day 16	ICT	Assignment / test
17	II	01	Genetic frequency and equilibrium	01	Day 17	ICT	Assignment / test
18	II	01	Introduction to Mutation	01	Day 18	ICT	Assignment / test
19	II	01	Biochemical basis of mutation	01	Day 19	ICT	Assignment / test
20	II	01	Different types of mutations	01	Day 20	ICT	Assignment / test
21	II	01	Mutation rates	01	Day 21	ICT	Assignment / test
22	II	01	Chemical and physical mutagens	01	Day 22	ICT	Assignment / test
23	II	01	Suppression mutation	01	Day 23	ICT	Assignment / test
24	II	01	Ames test to detect mutation	01	Day 24	ICT	Assignment / test
25	II	01	Introduction to DNA repair mechanism	01	Day 25	ICT	Assignment / test
26	II	01	Different types of DNA repair	01	Day 26	ICT	Assignment / test

			mechanisms				
27	II	01	Reciprocal recombination	01	Day 27	ICT	Assignment / test
28	II	01	Site specific recombination	01	Day 28	ICT	Assignment / test
Component II							
29	II	01	Holliday model of recombination	01	Day 29	ICT	Assignment / test
30	II	01	E. coli rec system and SOS repair	01	Day 30	ICT	Assignment / test
31	-	01	Revision	01	Day 31	Group Discussion	

Semester: Fourth

Course Title: Project Work OR Dissertation

Course Code: BCD060

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	4	Discussion of assignment of project topics	1	Day 1 and 2	Project Discussion	Literature survey
2	I	4	Review of literature	1	Day 3 and 4	Project Discussion	Conduct experiments
3	I	4	Procurement of sample	1	Day 5 and 6	Project Discussion	Conduct experiments
4	I	4	Objective of project assigned	1	Day 7 and 8	Project Discussion	Conduct experiments

5	1	4	Project work monitoring	1	Day 9 and 10	Project Discussion	Progress report submission
6	1	4	Project work monitoring	1	Day 11 and 12	Project Discussion	Conduct experiments
7	1	4	Project work monitoring	1	Day 13 and 14	Project Discussion	Conduct experiments
8	1	4	Project work monitoring	1	Day 15 and 16	Project Discussion	Conduct experiments
9	1	4	Project work monitoring	1	Day 17 and 18	Project Discussion	Conduct experiments
10	1	4	Project work monitoring	1	Day 19 and 20	Project Discussion	Progress report submission
11	1	4	Project work monitoring	1	Day 21 and 22	Project Discussion	Conduct experiments
12	1	4	Project work monitoring	1	Day 23 and 24	Project Discussion	Conduct experiments
13	1	4	Project work monitoring	1	Day 25 and 26	Project Discussion	Conduct experiments
14	1	4	Project work monitoring	1	Day 27 and 28	Project Discussion	Progress report submission
15	1	4	Project work monitoring	1	Day 29 and 30	Project Discussion	Conduct experiments
16	1	4	Project work monitoring	1	Day 31 and 32	Project Discussion	Thesis preparation

2	II	SOFTWARE REQUIREMENT SPECIFICATION	1	11	PPT	Direct/ InDirect
		Features, attributes, Characteristics of SRS	2	12	PPT	
		Problem Analysis,	1	13	PPT	
		Requirement Specification	1	14	PPT	Direct/ InDirect
		Validation, metrics, Monitoring and control	1	15	PPT	
		PLANNING A SOFTWARE PROJECT	1	16	PPT	Direct/ InDirect
		Cost Estimation, Project Scheduling,	2	17	PPT	Direct/ InDirect
		Staffing personal planning, Team Structure,	2	18	PPT	
		Software Configuration Management,	1	19	PPT	Direct/ InDirect
		Quality Assurance Plans, Project Monitoring plans Risk Management.	2	20	PPT	
			2	21	PPT	
3	III	C1-Internals	1	22		
		SYSTEM DESIGN: Design Objectives, design principles,	2	23	PPT	
		Module level Concepts,	2	24	PPT	Direct/ InDirect
		Design methodology – object oriented approach	1	25	PPT	
		Design Specification, Verification, Metrics, monitoring and control.	2	26	PPT	
			2	27	PPT	Direct/ InDirect
		DETAILED DESIGN: Module Specification,	2	28	PPT	Direct/ InDirect
		Detailed design and process design Language,	2	29	PPT	Direct/ InDirect
		Verification	1	30	PPT	
		Revision/test	1	31	PPT	Direct/ InDirect
					Direct/ InDirect	

						Direct/ InDirect	
4	IV	CODING: Programming	1	32	PPT	Direct/ InDirect	
		practice	1	33	PPT		
		Verification, Metrics	2	34	PPT		
		TESTING: Testing					Direct/ InDirect
		Fundamentals					
		Fundamental testing,	2	35	PPT		
		Types of Testing-white box					Direct/ InDirect
		Black box	2	36	PPT		
		Structural Testing.	2	37	PPT		
		Testing process	2	38	PPT	Direct/ InDirect	
Clean Room approach	2	39	PPT				
Revision	1	40	PPT				

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Lesson Plan/Session Plan 2023-24

Programme: MSc

Programme Code:

Semester: I

Course Title: Discrete Mathematics

Course Code: CSA260A

No. of Hours: 62

Faculty Name: Y S Sumanashree

Sl. No	Unit	Topic of the Unit	No. of Lectures	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	I	Set Theory: Sets and Subsets.	1	1	Marker & Talk	Direct Direct/ Indirect Indirect Direct/ Indirect Direct/ Indirect
		Operations on sets, Countable and uncountable sets,	2	2	Marker & Talk	
		The addition principle, the concept of probability.	2	3	Marker & Talk	
		Mathematical Logic: Propositions, Logical Connectives,	2	4	Marker & Talk	
		Tautologies; Contradictions, Logical equivalence,	2	5	Marker & Talk	
		Application to switching networks, Duality, Connectors NAND and NOR, Converse, Inverse	2	6	Marker & Talk	
			2	7	Marker &	

		and Contrapositive, Rules of inference.	2	8	Talk Marker & Talk	
2	II	Open statements; Quantifiers,	2	9	Marker & Talk	Direct/ InDirect
		Logical Implication involving Quantifiers,	2	10	Case Studies	
		Statements with more than one variable,	2	11	Marker & Talk	Direct/ InDirect
		Methods of proof and disproof,	2	12	Marker & Talk	Direct/ InDirect
		Mathematical Induction.	2	13	Marker & Talk	Direct/ InDirect
		Revision of Unit-2	2	14	Marker & Talk	Direct/ InDirect
3	III	Relations and Ordering:	1	15	Marker & Talk	Direct/ InDirect
		Internals C1	1	16	Marker & Talk	Direct/ InDirect
		Cartesian products of sets, Relations,	2	17	Case Study	
		Paths in relations and digraphs,	2	18	Marker & Talk	Direct/ InDirect
		Operations on relations, Composition of relations,	2	19	Marker & Talk	Direct/ InDirect
		Properties of relations, Equivalence relations, Partial orders, Total Orders, External	2	20	Marker & Talk Marker &	Direct/ InDirect

		elements in posets, Lattices.	2	21	Talk	Direct/ InDirect
		Functions: Functions, Types of functions, Composition of function,	2	22	Marker & Talk	Direct/ InDirect
		Invertible functions, Permutation Function.	2	23	PPT	
4	IV	Fundamental principles of counting:	2	24	Marker & Talk	Direct/ InDirect
		Principles of inclusion and exclusion: The rule of sum and product,	2	25	Marker & Talk	Direct/ InDirect
		Permutations, combinations: The binomial theorem,	2	26	PPT	Direct/ InDirect
		combinations with repetition,		27	PPT	Direct/ InDirect
		Ramsey number, the Catalan numbers, sterling number and bell numbers,	2	28	PPT	Direct/ InDirect
		Generalizations of principles, the pigeonhole principle, Derangements- Nothing is in its Right place,	2	29	PPT	
		Rook polynomials, Arrangements with Forbidden positions.	2	30	PPT	

Lesson Plan/Session Plan 2023-24

Programme: MSc CS

Programme Code: MCSC01

Semester: II

Course Title: GRAPH THEORY Course Code: CSB270A

No. of Hours: 62

Faculty Name: Y S Sumanashree

Sl. No	Unit	Topic of the Unit	No. Of Lectures	Lecture No	Teaching Methodologies(Chalk /ICT/Fieldtrips/Casestudies)	Assessment Methodologies (Direct/ Indirect/Viva/{ Project
1	I	Introduction to Graph theory	1	1	Marker & Talk	Direct Direct/ InDirect
		Basic terminologies— direct	2	2	Marker & Talk	
		Undirect graphs, sub-graphs	2	3	Marker & Talk	InDirect
		walks, paths & circuits	2	4	Marker &	Direct/ InDirect
		Operations on Graphs			Talk	Direct/ InDirect
		Graph Isomorphism	2	5		Direct/ InDirect
		vertex degree	2	6	Marker & Talk	
		Regular graphs, Revision of unit1	1 2	7 8	Marker & Talk Marker & Talk	
2	II	Euler Graphs,Semi Euler Graph	2	9	Case Studies	Direct/ InDirect
		Konigsberg bridge problem	2	10	Marker& Talk	
		Hamilton graphs & travelling salesman problem,	2	11	Marker& Talk	Direct/ InDirect
		planar graphs- definition & examples, Bipartite	2	12	Marker& Talk	Direct/ InDirect
		Kuratowskis graphs, Euler's formula	2	13	Marker& Talk	Direct/ InDirect
		Detection of planarity, Dual of Planar graphs.	2	14	Marker&Talk	Direct/ InDirect
		C1-Internals	1	15		

3	III	Graph Coloring: Proper coloring & chromatic number of graphs,	2	16	Marker& Talk	Direct/ InDirect
		Chromatic polynomial	2	17	Marker& Talk	Direct/ InDirect
		Trees: Definition & Properties, Rooted & binary rooted trees, ordered trees .	2	18		
		trees sorting	2		Marker& Talk	Direct/InDirect
			1	19	Marker& Talk	Direct/ InDirect
				20	Marker & Talk	Direct/ InDirect
		Weighted trees & prefix codes			Marker& Talk	Direct/ InDirect
		Optimization & Matching:	2	21	Marker& Talk	Direct/ InDirect
		Unit 3 Revision	2	22		
4	IV	Spanning trees, Optimisation	2	23	Marker & Talk	Direct/ InDirect
		Networks, Cutset,	2	24	Marker & Talk	Direct/ InDirect
		Edge & Vertex connectivity of a graph	2	25	Marker & Talk	Direct/ InDirect
		Max-flow, Min-cut theorem.	2	26	Marker & Talk	Direct/ InDirect
		Applications of Max-flow, Min-cut theorem	2	27	Marker & Talk	Direct/ InDirect
		Matching theory and its applications	2	28	Marker & Talk	Direct/ InDirect
		Unit Test/Revision of Unit	2	28	Marker & Talk	Direct/ InDirect
		Quickview of Previous Question Papers	2	29		Direct/ InDirect

Lesson Plan/Session Plan

Name : - GEETHANJALI.R

Title of the Paper : -Computer Graphics

Course Code:- CSB080B

Semester:- II Semester

Year:-2023-24

S I. N O.	Unit	Credit Hours	Topic of the Unit	No. of Lec tur es	Day of Lecture	Teaching Methodolo gies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Introduction, Video Display Devices, Refresh Cathode-Ray Tubes, Raster-Scan Display, Random-Scan Displays, Color CRT Monitors, Flat-Panel Displays, Raster Scan Systems, Input devices. Output primitives: Points & Lines,		Introduction,	1	Day 1	Marker & Talk	Direct
			Video Display Devices,	1	Day 2	Marker & Talk	Direct
			Refresh Cathode- Ray Tubes,	1	Day 3	Marker & Talk	Direct
			Raster-Scan Display, Random-Scan Displays,	1	Day 4	Marker & Talk	Direct
			Color CRT Monitors, Flat-Panel Displays,	1	Day 5	Marker & Talk	Direct
			Raster Scan Systems, Input devices.	1	Day 6	Marker & Talk	Direct
			Output primitives: Points &	1	Day 7	Marker & Talk	Direct
			Lines,	1	Day 8	Marker & Talk	Direct
			Output	1	Day 9	Marker & Talk	Direct

	Line Drawing Algorithms, Loading the Frame Buffer, Circle Generating Algorithms, Pixel Addressing and Object Geometry		primitives: Points & Lines,	1	Day 10	Marker & Talk	Direct		
			Line Drawing Algorithms, Problems	1		Day 11	Marker & Talk		Direct
			Loading the Frame Buffer,	1		Day 12	Marker & Talk		Direct
			Circle Generating Algorithms, Problems	1		Day 13	Marker & Talk		Direct
			Circle Generating Algorithms, Problems	1		Day 14	Marker & Talk		Direct
			Pixel Addressing and Object Geometry	1		Day 15	Marker & Talk		Direct
			Pixel Addressing and Object Geometry	1		Day 16	Marker & Talk		Direct
				1			Marker & Talk		Direct
			2	Two dimensional transformations Basic & other transformations Matrix representations, Homogeneous coordinates			Two dimensional transformations Basic & other transformations Matrix representations, Homogeneous coordinates		1 1 1 1

	Composite transformations		Composite transformations	1	Day 21	Marker & Talk	Direct
	General-pivot-point transformations		General-pivot-point transformations	1	Day 22	Marker & Talk	Direct
	Three Dimensional Transformations:		Three Dimensional Transformations:	1	Day 23	Marker & Talk	Direct
	Introduction to 3D Translation, Rotation & Scaling,		Introduction to 3D Translation, Rotation & Scaling,	1	Day 24	Marker & Talk	Direct
	Other Transformation		Other Transformation	1	Day 25	Marker & Talk	Direct
	Modeling and Co-ordinate Transformation		Modeling and Co-ordinate Transformation	1	Day 26	Marker & Talk	Direct
3	Three Dimensional Viewing: Viewing Pipeling, window to viewport transformations		Three Dimensional Viewing: Viewing Pipeling, window to viewport transformations	1	Day 27	Marker & Talk	Direct
			Projections,	1	Day 28	Marker & Talk	Direct

Projections, Types of projections.	Types of projections.	1	Day 29	Marker & Talk	Direct
Graphical User Interface & Interactive	Graphical User Interface & Interactive	1	Day 30	Marker & Talk	Direct
Input Methods : The User Dialogue, Windows & Icons, feedback,	Input Methods : The User Dialogue, Windows & Icons, feedback, Input of Graphical	1	Day 31	Marker & Talk	Direct
Input of Graphical Data,	Data, Interactive Picture Construction	1	Day 32	Marker & Talk	Direct
Interactive Picture Construction Techniques, Basic Positioning Methods, Constraints, Grids, Gravity Field, Rubber- Band Methods, Dragging, Painting & Drawing	Techniques, Basic Positioning Methods, Constraints, Grids, Gravity Field, Rubber- Band Methods, Dragging, Painting & Drawing	1	Day 33	Marker & Talk	Direct
		1	Day 34	Marker & Talk	Direct
		1	Day 35	Marker & Talk	Direct
		1	Day 36	Marker & Talk	Direct
		1	Day 37	Marker & Talk	Direct

4	Curves & Surfaces: Properties, Bezier curves properties, Design techniques, Bezier surfaces, Displaying curves & surfaces Hidden line removal algorithms Introduction to fractals, Serpinsky's triangle, Construction, Koch curves. Windowing & Clipping: Clipping operations, Line clipping algorithms, point clipping, text clipping, polygon clipping algorithms, Exterior clipping	Curves & Surfaces: Properties, Bezier curves properties, Design techniques, Bezier surfaces, Displaying curves & surfaces Hidden line removal algorithms Introduction to fractals, Serpinsky's triangle, Construction, Koch curves. Windowing & Clipping: Clipping operations, Line clipping algorithms, point clipping, text clipping, polygon clipping algorithms, Exterior clipping	Day 38	Marker & Talk	Direct
			Day 39	Marker & Talk	Direct
			Day 40	Marker & Talk	Direct
			Day 41	Marker & Talk	Direct
			Day 42	Marker & Talk	Direct
			Day 43	Marker & Talk	Direct
			Day 44	Marker & Talk	Direct
			Day 45	Marker & Talk	Direct
			Day 46	Marker & Talk	Direct

Lesson Plan

Name: Geethanjali R

Title of the Paper: System Software

Course Code: CSA110A Semester: I Semester

Year: January 2024-March 2024

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Background: Machine Structure, Evolution of the components of a programming system, evolution of operating system, operating system user view point functions, facilities General Machine Structure, General Approach to a new machine, Machine Structure – 360 and 370, Assembly Language	1	Introduction to System Software	1	Marker & Talk	Direct/ InDirect
		1	Background: Machine Structure	1	Marker & Talk	Direct/ InDirect
		1	Evolution of the	1	Marker & Talk	Direct/ InDirect
		1	components of a programming system	1	Marker & Talk	Direct/ InDirect
		1	evolution of operating system	1	Marker & Talk	Direct/ InDirect
		1	operating system user view point functions, facilities	1	Marker & Talk	Direct/ InDirect
		1	General Machine Structure	1	Marker & Talk	Direct/ InDirect
		1	General	2		Direct/ InDirect

			Approach to a new machine Machine Structure – 360 and 370 Assembly Language	1		Direct/ InDirect
2	Assemblers: General design procedure, design of an assembler. Macro language and macro processor, macro instructions, features of macro, implementation	1	Assemblers:	1	Marker & Talk	Direct/ InDirect
		1	General design	2	Marker & Talk	Direct/ InDirect
		1	procedure design of an assembler	2	Marker & Talk	Direct/ InDirect
		1	Macro language and macro processor	3	Marker & Talk	Direct/ InDirect
		1	macro instructions	2	Marker & Talk	Direct/ InDirect
			features of macro	2		Direct/ InDirect
			Implementat ion of macro	2		Direct/ InDirect
3	Loaders, different types of loaders, loader schemes, design of an absolute loader, design of direct linking loader. Compilers: Structure		Loaders	1	Marker & Talk	Direct/ InDirect
		1	Different types of loaders	1	Marker & Talk	Direct/ InDirect
		1	loader schemes	1	Marker & Talk	Direct/ InDirect
		1				

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Lesson Plan/Session Plan 2023-24

Programme: MSc in Computer Science

Programme Code: MCSC01

Semester: III

Course Title: Theory of Languages Course Code: CSC070 No. of Hours: 52

Faculty Name: Divakar.T K

Sl. No.	Unit	Topic of the Unit	No. of Lectures	Lecture No	Teaching Methodologies	Assessment Methodologies
1	1	Introduction to Finite Automata	1	1	White Board	Written Test
2		Central concepts of automata theory	1	2	White Board	Written Test
3		DFA	6	3 – 8	White Board	Written Test, MCQ
4		NFA	3	9 – 11	White Board	Written Test, MCQ
5		Epsilon-NFA	3	12–14	White Board	Written Test, MCQ
6		Regular expression	3	15 – 17	White Board	Written Test, MCQ
7		Finite automata and regular expression	3	18 – 20	White Board	Written Test
8	2	Pumping lemma for regular languages	3	21 – 23	White Board	Written Test, MCQ
9		Closure properties of regular languages	2	24 – 25	White Board	Written Test,

					MCQ
11		Equivalence and minimization of automata	3	26 – 28	White Board Written Test
12		Context free grammars	4	29 – 32	White Board Written Test, MCQ
13		Parse trees and ambiguity in grammars	3	33 – 35	White Board Written Test, MCQ
14	3	Pushdown Automata	3	36 – 38	White Board Written Test, MCQ
15		Equivalence of PDA and CFG	2	39 - 40	White Board Written Test
16		Deterministic PDA	1	41	White Board Written Test
17		Normal forms of CFG	3	42 – 44	White Board Written Test, MCQ
18		Pumping lemma for context free languages	3	45 – 47	White Board Written Test, MCQ

19		Closure properties of CFG	2	48 – 49	White Board	Written Test, MCQ
20	4	Turing Machine	6	50 – 55	White Board	Written Test, MCQ
21		Extensions to basic turing machine	2	56 – 57	White Board	Written Test
22		Undecidability	2	58 - 59	White Board	Written Test

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Lesson Plan/Session Plan 2023-24

Programme: MSc

Semester: IV

Course Title: Data Mining Course Code: CSD230A

No. of Hours: 48

Faculty Name: Mamatha N

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Introduction to Data Mining	1.	Chalk & Talk	Direct / Indirect
2		1	what kind of patterns can be mined?	2.	Chalk & Talk	Direct / Indirect
3		1	which technologies are used?	3.	Chalk & Talk	Direct / Indirect
4		1	which kind of applications are targeted?	4.	Chalk & Talk	Direct / Indirect
5		1	major issues in Data mining	5.	Chalk & Talk	Direct / Indirect
6		1	Getting to know your data: Data objects and attribute types	6.	Chalk & Talk	Direct / Indirect
7		2	Basic statistical description of data	7.	Chalk & Talk	Direct / Indirect
8		1	Data Visualisation	8.	Chalk & Talk	Direct / Indirect
9		2	Measuring Data	9.	Chalk & Talk	Direct / Indirect
			similarity and dissimilarity			
10	2	2	Data Preprocessing: data cleaning	10.	Chalk & Talk	Direct / Indirect
11		2	Data integration	11.	Chalk & Talk	Direct / Indirect
12		1	Data Reduction	12.	Chalk & Talk	Direct / Indirect

13		2	Data transformation and Data Discretization	13.	Chalk & Talk	Direct / Indirect
14	3	1	Mining frequent patterns	14.	Chalk & Talk	Direct / Indirect
15		2	Associations and correlations: Basic concepts	15.	Chalk & Talk	Direct / Indirect
16		2	Frequent mining methods	16.	Chalk & Talk	Direct / Indirect
17		2	pattern Evaluation methods	17.	Chalk & Talk	Direct / Indirect
18		2	Pattern mining in Multilevel multi dimensional space	18.	Chalk & Talk	Direct / Indirect
19		1	Decision tree induction	19.	Chalk & Talk	Direct / Indirect
20	4	1	Cluster analysis	20.	Chalk & Talk	Direct / Indirect
21		2	partitioning methods	21.	Chalk & Talk	Direct / Indirect
22		2	heirarchical methods	22.	Chalk & Talk	Direct / Indirect
23		2	density based methods	23.	Chalk & Talk	Direct / Indirect
24		2	grid based methods	24.	Chalk & Talk	Direct / Indirect
25		2	evaluation of clustering	25.	Chalk & Talk	Direct / Indirect

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Lesson Plan/Session Plan 2023-24

Programme: MSc

Programme Code:

Semester: III

Course Title: DBMS

Course Code: CSC060A

No. of Hours: 48

Faculty Name: Mamatha N

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	3	Introduction and conceptual modeling databases and Database users	1.	Chalk & Talk	Direct / Indirect
2		3	Data modeling using the entity relationship (ER) model	2.	Chalk & Talk	Direct / Indirect
3		3	the enhanced entity – relationship (EER) model	3.	Chalk & Talk	Direct / Indirect
4	2	2	Relational model: Concepts constraints	4.	Chalk & Talk	Direct / Indirect
5		2	Languages	5.	Chalk & Talk	Direct / Indirect
6	3	3	Design and programming	6.	Chalk & Talk	Direct / Indirect
7		2	The relational data model and relational database constraints		Chalk & Talk	Direct / Indirect
8		3	Relational algebra and relational calculus	7.	Chalk & Talk	Direct / Indirect
9		2	Introduction to	8.	Chalk & Talk	Direct / Indirect

			SQL Programming technique			
10	3	2	Database design theory and methodology	9.	Chalk & Talk	Direct / Indirect
11		2	functional dependencies	10.	Chalk & Talk	Direct / Indirect
12		2	Normalization for relational database	11.	Chalk & Talk	Direct / Indirect
13		3	Relational database design algorithms and further dependencies	12.	Chalk & Talk	Direct / Indirect
14		3	practical database design methodology	13.	Chalk & Talk	Direct / Indirect
15		2	use of UML diagrams	14.	Chalk & Talk	Direct / Indirect
16	4	4	Introduction to transaction processing concepts	15.	Chalk & Talk	Direct / Indirect
17		4	theory recovery	16.	Chalk & Talk	Direct / Indirect

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Lesson Plan/Session Plan 2023-24

Programme: MSc

Programme Code:

Semester: III

Course Title: COMPUTER FUNDAMENTALS

Course Code: CSC630

No. of Hours: 32

Faculty Name: Bhavani V M

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1	Primary memory	1.	Chalk & Talk	Direct / Indirect
2		1	RAM, ROM, PROM, EPROM, EEPROM, Flash memory	2.	Chalk & Talk	Direct / Indirect
3		2	Secondary memory	3.	Chalk & Talk	Direct / Indirect
4		2	Magnetic disk (Hard disk, Zip disk, Jaz disk, Super disk)	4.	Chalk & Talk	Direct / Indirect
5		2	Optical disk (CD, CD – R, CD – RW, DVD)	5.	Chalk & Talk	Direct / Indirect
6		2	Magneto-optical disk device	6.	Chalk & Talk	Direct / Indirect
7	3	1	Input devices		Chalk & Talk	Direct / Indirect
8		2	Working principle of Keyboard and mouse	7.	Chalk & Talk	Direct / Indirect
9		2	Functional capabilities of Scanner	8.	Chalk & Talk	Direct / Indirect

10		2	Digital Camera	9.	Chalk & Talk	Direct / Indirect
11		2	OMR	10.	Chalk & Talk	Direct / Indirect
12		2	OCR	11.	Chalk & Talk	Direct / Indirect
13		4	touch pad	12.	Chalk & Talk	Direct / Indirect
14		2	touch screen	13.	Chalk & Talk	Direct / Indirect
15		2	Output Devices	14.	Chalk & Talk	Direct / Indirect
16		2	Monitor	15.	Chalk & Talk	Direct / Indirect
17		2	Printer	16.	Chalk & Talk	Direct / Indirect
18		2	Plotter and projector	17.	Chalk & Talk	Direct / Indirect
19		2	Processor	18.	Chalk & Talk	Direct / Indirect
20		2	Classification of Processors on speed	19.	Chalk & Talk	Direct / Indirect
21		2	Motherboard	20.	Chalk & Talk	Direct / Indirect
22		2	Power Supply	21.	Chalk & Talk	Direct / Indirect
23		2	I/O Ports and its Maintenance	22.	Chalk & Talk	Direct / Indirect
24		1	Machine Level Language	23.	Chalk & Talk	Direct / Indirect
25		2	Assembly language	24.	Chalk & Talk	Direct / Indirect
26		1	High Level Language	25.	Chalk & Talk	Direct / Indirect
27	4	2	Introduction to Windows	26.	Chalk & Talk	Direct / Indirect
28		2	Elements of Word Processing	27.	Chalk & Talk	Direct / Indirect
29		1	Spread Sheet	28.	Chalk & Talk	Direct / Indirect
30		2	Presentations		Chalk & Talk	Direct / Indirect
31		2	Nudi/Baraha	29.	Chalk & Talk	Direct / Indirect
32		2	Basics of Internet:	30.	Chalk & Talk	Direct / Indirect
33		1	www	31.	Chalk & Talk	Direct / Indirect
34		2	HTTP	32.	Chalk & Talk	Direct / Indirect

35		1	DNS	33.	Chalk & Talk	Direct / Indirect
36		2	IP address	34.	Chalk & Talk	Direct / Indirect
37		1	Email	35.	Chalk & Talk	Direct / Indirect
38		2	Web browsers	36.	Chalk & Talk	Direct / Indirect
39		1	Search Engines	37.	Chalk & Talk	Direct / Indirect
40		1	HTML: Introduction to HTML	38.	Chalk & Talk	Direct / Indirect
41		1	CSS	39.	Chalk & Talk	Direct / Indirect
42		1	E-Commerce: Introduction	40.	Chalk & Talk	Direct / Indirect
43		1	Types	41.	Chalk & Talk	Direct / Indirect
44		1	Advantages of e-commerce	42.	Chalk & Talk	Direct / Indirect
45		1	Applications	43.	Chalk & Talk	Direct / Indirect
46		1	survey on popular e-commerce sites	44.	Chalk & Talk	Direct / Indirect
47		1	E-governance	45.	Chalk & Talk	Direct / Indirect
48		2	Introduction to Cyber Ethics	46.	Chalk & Talk	Direct / Indirect

JSS Mahavidyapeetha
JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme: MSc

Semester: II

Course Title: Analysis and Design of Algorithms

Course Code: CSB 060B No. of Hours: 48

Faculty Name: Bhavani V M

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Introduction to Analysis And Design of Algorithms	1.	Chalk & Talk	Direct / Indirect
2		1	Algorithm Specification	2.	Chalk & Talk	Direct / Indirect
3		1	Pseudo code conventions	3.	Chalk & Talk	Direct / Indirect
4		2	Performance Analysis: Space Complexity	4.	Chalk & Talk	Direct / Indirect
5		2	Time Complexity	5.	Chalk & Talk	Direct / Indirect
6		1	Asymptotic Notation	6.	Chalk & Talk	Direct / Indirect
7		3	Mathematical Analysis of Recursive Algorithms	7.	Chalk & Talk	Direct / Indirect
8		3	Mathematical Analysis of Non-recursive Algorithms	8.	Chalk & Talk	Direct / Indirect
9		2	BRUTE FORCE : Bubble Sort	9.	Chalk & Talk	Direct / Indirect
10		1	Selection Sort	10.	Chalk & Talk	Direct / Indirect
11		1	Sequential Search	11.	Chalk & Talk	Direct / Indirect
12		1	String Matching	12.	Chalk & Talk	Direct / Indirect
13	2	1	General Method of Divide And Conquer	13.	Chalk & Talk	Direct / Indirect

14		1	Binary Search	14.	Chalk & Talk	Direct / Indirect
15		1	Finding the Maximum and Minimum	15.	Chalk & Talk	Direct / Indirect
16		1	Merge Sort	16.	Chalk & Talk	Direct / Indirect
17		1	Quick Sort	17.	Chalk & Talk	Direct / Indirect
18		1	Strassen's Matrix Multiplication	18.	Chalk & Talk	Direct / Indirect
19		1	The General Method, Knapsack Problem	19.	Chalk & Talk	Direct / Indirect
20		1	Tree Vertex Splitting	20.	Chalk & Talk	Direct / Indirect
21		1	Job Sequencing with Deadlines.	21.	Chalk & Talk	Direct / Indirect
22		1	Minimum-Cost Spanning Trees - Prim's Algorithm	22.	Chalk & Talk	Direct / Indirect
23		1	Kruskal's Algorithm	23.	Chalk & Talk	Direct / Indirect
24		1	Optimal Storage on Tapes	24.	Chalk & Talk	Direct / Indirect
25		1	Optimal Merge Patterns	25.	Chalk & Talk	Direct / Indirect
26		1	Single-Source Shortest Paths	26.	Chalk & Talk	Direct / Indirect
27	3	1	The General Method of Dynamic Programming	27.	Chalk & Talk	Direct / Indirect
28		1	Binomial Coefficient	28.	Chalk & Talk	Direct / Indirect
29		1	Multistage Graphs	29.	Chalk & Talk	Direct / Indirect
30		1	All Pairs Shortest Paths	30.	Chalk & Talk	Direct / Indirect
31		1	Single-Source Shortest Paths: General Weights	31.	Chalk & Talk	Direct / Indirect
32		2	String Editing, 0/1 Knapsack	32.	Chalk & Talk	Direct / Indirect
33		1	Traveling Salesperson Problem	33.	Chalk & Talk	Direct / Indirect
34		1	The General Method of Backtracking	34.	Chalk & Talk	Direct / Indirect
35		1	the 8-Queens Problem	35.	Chalk & Talk	Direct / Indirect
36		2	Sum of Subsets, Graph Coloring	36.	Chalk & Talk	Direct / Indirect
37		1	Hamiltonian Cycles	37.	Chalk & Talk	Direct / Indirect

38	4	1	Introduction to Elementary Graph Problems	38.	Chalk & Talk	Direct / Indirect
39		1	Depth First Search	39.	Chalk & Talk	Direct / Indirect
40		1	Breadth First Search	40.	Chalk & Talk	Direct / Indirect
41		1	Topological Sort	41.	Chalk & Talk	Direct / Indirect
42		1	NP-Hard and NP-Complete Problems	42.	Chalk & Talk	Direct / Indirect
43		1	Basic Concepts, Nondeterministic Algorithms	43.	Chalk & Talk	Direct / Indirect
44		1	The Classes NP-Hard And NP-Complete	44.	Chalk & Talk	Direct / Indirect
45		1	NP-Hard Graph Problems: Clique Decision Problem (CDP)	45.	Chalk & Talk	Direct / Indirect
46		1	Node Cover Decision Problem	46.	Chalk & Talk	Direct / Indirect
47		1	Chromatic Number Decision Problem (CNDP)	47.	Chalk & Talk	Direct / Indirect
48		1	Traveling Salesperson Decision Problem (TSP)	48.	Chalk & Talk	Direct / Indirect
49		1	AND/OR Graph Decision Problem (AOG)	49.	Chalk & Talk	Direct / Indirect

Lesson Plan/Session Plan 2023-24

Lesson Plan

Programme Name: MSc in Computer Science Course Name: Operating System and UNIX
Faculty Name: Bhavani V M Course Code: CSB 060B

Sl. No.	Unit	Topic of the Unit	No. of Lectures	Day of Lectures	Teaching Methodologies
1	1	Introduction to OS	3	Day 1 - 3	ICT
2		OS structures	3	Day 4 - 6	ICT
3		Processes	3	Day 7 - 9	ICT
4		CPU Scheduling	3	Day 10 - 12	ICT
5	2	Deadlocks	4	Day 13 -16	ICT
6		Memory Management	3	Day 17 - 19	ICT
7		Virtual Memory	3	Day 20 - 22	ICT
8		File System Interface	2	Day 23 - 24	ICT
9	3	Unix environment, structure, commands	3	Day 25 - 27	ICT
10		File system in Unix	3	Day 28 - 30	ICT
11		Vi editor	3	Day 31 - 33	ICT

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JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme: M.Sc

Semester: I

Course Code: CSA270A

Course Title: Java Programming

No. of Hours: 32

Faculty Name: Preethi V M

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	History and evolution of Java	1.	Chalk & Talk	Direct / Indirect
2		1	An overview of Java	2.	Chalk & Talk	Direct / Indirect
3		2	Data types	3.	Chalk & Talk	Direct / Indirect
4		2	variables and arrays	4.	Chalk & Talk	Direct / Indirect
5		3	Operators	5.	Chalk & Talk	Direct / Indirect
6		3	Control statements	6.	Chalk & Talk	Direct / Indirect
7		1	Introducing classes		Chalk & Talk	Direct / Indirect
8		2	A closer look at methods and classes	7.	Chalk & Talk	Direct / Indirect
9		2	Inheritance	8.	Chalk & Talk	Direct / Indirect
10		2	Packages	9.	Chalk & Talk	Direct / Indirect
11		2	Interfaces	10.	Chalk & Talk	Direct / Indirect
12	2	3	Exception handling	11.	Chalk & Talk	Direct / Indirect
13		4	Multithreaded Programming	12.	Chalk & Talk	Direct / Indirect
14		2	Enumeration	13.	Chalk & Talk	Direct / Indirect
15		2	Autoboxing	14.	Chalk & Talk	Direct / Indirect
16		2	I/O	15.	PPT	Direct / Indirect
17		2	Applets	16.	PPT	Direct / Indirect
18	3	2	Networking	17.	Chalk & Talk	Direct / Indirect
19		3	Event handling	18.	Chalk & Talk	Direct / Indirect
20		2	Swings	19.	PPT	Direct / Indirect
21	4	2	String handling	20.	Chalk & Talk	Direct / Indirect
22		2	Collection framework	21.	PPT	Direct / Indirect
23		2	Introduction to J2EE	22.	Chalk & Talk	Direct / Indirect
24		1	Java servlet	23.	Chalk & Talk	Direct / Indirect
25		2	Java server pages (JSP)	24.	Chalk & Talk	Direct / Indirect
26		1	HTML	25.	PPT	Direct / Indirect
27		2	JDBC objects	26.	Chalk & Talk	Direct / Indirect

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Lesson Plan/Session Plan 2023-24

Programme: M.Sc

Semester: I

Course Code: CSA100

Course Title: Data Structures and Algorithms

No. of Hours: 48

Faculty Name: Divakar T K

Sl. No.	Unit No	Credit Hours	Topic of the Unit	Lecture No	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Introduction	1.	PPT	Direct / Indirect
2		1	Stages in problem solving	2.	Chalk & Talk	Direct / Indirect
3		2	Data type	3.	Chalk & Talk	Direct / Indirect
4		2	Data and storage structure	4.	Chalk & Talk	Direct / Indirect
5		3	Classification of data structures	5.	PPT	Direct / Indirect
6		3	Analysis of algorithms	6.	Chalk & Talk	Direct / Indirect
7		1	Asymptotic notations		Chalk & Talk	Direct / Indirect
8		2	Storage representation	7.	Chalk & Talk	Direct / Indirect
9	2	2	Arrays	8.	Chalk & Talk	Direct / Indirect
10		2	Types and Representation	9.	Chalk & Talk	Direct / Indirect
11		2	Searching Techniques	10.	Chalk & Talk	Direct / Indirect
12		3	Sorting Techniques	11.	Chalk & Talk	Direct / Indirect
13		4	Sparse Matrix and structures	12.	Chalk & Talk	Direct / Indirect
14		2	Stacks	13.	PPT	Direct / Indirect
15		2	Implementation	14.	Chalk & Talk	Direct / Indirect
16		2	Applications and Towers of Hanoi	15.	Chalk & Talk	Direct / Indirect
17		2	Expression Evaluation	16.	Chalk & Talk	Direct / Indirect
18		2	Conversion of Expressions	17.	Chalk & Talk	Direct / Indirect
19	3	3	Queues	18.	Chalk & Talk	Direct / Indirect
20		2	Types	19.	Chalk & Talk	Direct / Indirect
21		2	Implementation using arrays	20.	Chalk & Talk	Direct / Indirect
22		2	Linked List	21.	Chalk & Talk	Direct / Indirect
23		2	Types and operations	22.	Chalk & Talk	Direct / Indirect

24		1	Implementation	23.	Chalk & Talk	Direct / Indirect
25	4	2	Graphs- Basic Terminology	24.	Chalk & Talk	Direct / Indirect
26		1	Graph Representation	25.	Chalk & Talk	Direct / Indirect
27		2	Adjacency and incidence	26.	Chalk & Talk	Direct / Indirect
28		2	Trees - Introduction	27.	Chalk & Talk	Direct / Indirect
29		2	Representation	28.	Chalk & Talk	Direct / Indirect
30		2	Traversal –preorder, inorder, postorder	29.	Chalk & Talk	Direct / Indirect
31		2	Binary Search Tree	30.	Chalk & Talk	Direct / Indirect
32		1	Hash Table	31.	Chalk & Talk	Direct / Indirect
33		2	Tables and functions	32.	Chalk & Talk	Direct / Indirect
34		2	Open and closed addressing	33.	Chalk & Talk	Direct / Indirect

SESSION PLAN
D S PRABHAKAR
 Programme: B. Sc. Chemistry
 Semester: V Semester-NS: 2023-24
 Course Title: CH DSC 6-: Chemistry-VI
 Course Code: FSE420

Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
Modern concept of acids and bases: Lux-Flood and Usanovich concepts,	1 hour	1	Chalk and Talk	Direct
solvent system and leveling effect.	1 hour	2	Chalk and Talk	Direct
Hard-Soft Acids and Bases, Classification and Theoretical backgrounds.	1 hour	3	Chalk and Talk	Direct
Non-aqueous solvents: Classification of solvents, Properties of solvents (dielectric constant, donor and acceptor properties)	1 hour	4	Chalk and Talk	Direct
Protic solvents (anhydrous H ₂ SO ₄ , HF and glacial acetic acid) aprotic solvents (liquid	1 hour	5	Chalk and Talk	Direct
aprotic solvents (liquid SO ₂ , BrF ₃ and N ₂ O ₄).	1 hour	6	Chalk and Talk	Direct
Solutions of metals in liquid ammonia, hydrated electron. Super acids and super bases	1 hour	7	Chalk and Talk	Direct
Chemistry of main group elements: Structure and bonding in boranes (B ₂ H ₆ , B ₄ H ₁₀ , B ₅ H ₉),	1 hour	8	Chalk and Talk	Direct
Chemistry of main group elements: Structure and bonding in boranes (B ₂ H ₆ , B ₄ H ₁₀ ,	1 hour	9	Chalk and Talk	Direct
B ₅ H ₉), carboranes (C ₂ B ₁₀ H ₁₂ , C ₂ B ₉ H ₁₃ , C ₂ B ₆ H ₁₂),	1 hour	10	Chalk and Talk	Direct
Wades rules, borazines, phosphazines,	1 hour	11	Chalk and Talk	Direct
S, N compounds	1 hour	12	Chalk and Talk	Direct
M-M bond and metal atom clusters: Halide clusters, bonding in [ReCl ₈] ²⁻ .	1 hour	13	Chalk and Talk	Direct
Metal carbonyl clusters- LNCC's and HNCC's.	1 hour	14	Chalk and Talk	Direct
Electron counting in carbonyl clusters, Wades-Mingos and Lauher rule.	1 hour	15	Chalk and talk	Direct

SESSION PLAN
D S PRABHAKAR
 Programme: B. Sc. Chemistry
 Semester: III Semester-NS: 2023-24
 Course Title:- Chemistry III
 Course Code:FSC420

Sl. No.	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	Chemical kinetics- introduction rate of reactions order and molecularity with examples	1 hour	1	Chalk and Talk	Direct
2	1	Rate Constant definition and examples,	1 hour	2	Chalk and Talk	Direct
3	1	Integral and differential equations for second order equation	1 hour	3	Chalk and Talk	Direct
4	1	Methods of determining order of a reaction	1 hour	4	Chalk and Talk	Direct
5	1	Arrhenius and activation energy numerical problems,	1 hour	5	Chalk and Talk	Direct
6	1	Collision theory, lindamann mechanism	1 hour	6	Chalk and Talk	Direct
7	1	Determination of kinetics of inversion of cane sugar by polarographic method.	1 hour	7	Chalk and Talk	Direct
8	1	Spectrophotometric method – reaction between potassium persulphate and potassium iodide.	1 hour	8	Chalk and Talk	Direct
9	1	Electrochemistry- strong and weak electrolytes definition with examples.	1 hour	9	Chalk and Talk	Direct
10	1	Arrhenius theory of electrolytic dissociation , merits and demerits.	1 hour	10	Chalk and Talk	Direct
11	1	Conductance specific conductance molar conductance and variation of conductance with dilution.	1 hour	11	Chalk and Talk	Direct
12	1	Kohlrauschs law and its application Debye-Huckel equation. Transport number determination methods	1 hour	12	Chalk and Talk	Direct
13	1	Application of conductance measurements- conductometric titration, hydrolysis constant	1 hour	13	Chalk and Talk	Direct

14	1	Ionic product of water.	1 hour	14	Chalk and Talk	Direct

10	1	Distribution constant, factors affecting b) Dissociation. Application of Distribution Law in Solvent extraction. Derivation for simple and multiple extraction.	1 hour	10	Chalk and Talk	Direct
11	1	validity of Distribution Law, Modification of distribution law when molecules undergo a) Association	1 hour	11	Chalk and Talk	Direct
12	1	When molecule under go dissociation	1 hour	12	Chalk and Talk	Direct
13	1	Principles of distribution law in Parkes Process of desilverisation of lead. Numerica.	1 hour	13	Chalk and Talk	Direct
14	1	Numerical problems	1 hour	14	Chalk and Talk	Direct

SESSION PLAN

PUSHPA C S

Programme: B. Sc. Chemistry

Semester: II Semester-NS: 2023-24

Course Title: DSC-2: Chemistry-2

Course Code: FSB420

Sl. No	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	s, p, d and f-block elements, the long form of periodic table.	1 hour	1	Chalk and Talk	Direct
2	1	Atomic radii (van der Waals) of s and p block elements.	1 hour	2	Chalk and Talk	Direct
3	1	Ionic and crystal radii of s and p block elements.	1 hour	3	Chalk and Talk	Direct
4	1	Covalent radii of s and p block elements.	1 hour	4	Chalk and Talk	Direct
5	1	Ionization enthalpy, successive ionization enthalpies of s and p block elements.	1 hour	5	Chalk and Talk	Direct
6	1	Factors affecting ionization energy of s and p block elements.	1 hour	6	Chalk and Talk	Direct
7	1	Applications of ionization enthalpy of s and p block elements.	1 hour	7	Chalk and Talk	Direct
8	1	Electron gain enthalpy, trends of electron gain enthalpy	1 hour	8	Chalk and Talk	Direct
9	1	Electronegativity, Pauling's/ Mulliken's	1 hour	9	Chalk and Talk	Direct
10	1	Allred Rachow's/ and Mulliken-Jaffé's electronegativity scales.	1 hour	10	Chalk and Talk	Direct
11	1	Variation of electronegativity with bond order, partial charge,	1 hour	11	Chalk and Talk	Direct
12	1	hybridization, group electronegativity.	1 hour	12	Chalk and Talk	Direct
13	1	Trends in the chemistry of the compounds of groups 13 to 15 (hydrides, carbides, oxides and halides) are to be discussed.	1 hour	13	Chalk and Talk	Direct
14	1	Trends in the chemistry of the compounds of groups 16 & 17 (hydrides, carbides, oxides and halides) are to be discussed.	1 hour	14	Chalk and Talk	Direct

SESSION PLAN

PUSHPA C S

Programme: B. Sc. Chemistry

Semester: III Semester-PS: 2023-24

Course Title: DSC-2: Chemistry-3

Course Code: FSC420

Sl. No.	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	Electrochemistry: Introduction, strong and weak electrolytes, definitions. Arrhenius theory of electrolytic dissociation. Merits and demerits. Conductance ,specific conductance, equivalent conductance, molar conductivity and their variation with dilution.	1 hour	1	Chalk and Talk	Direct
2	1	Kohlrausch's law of independent migration of ions and its applications.	1 hour	2	Chalk and Talk	Direct
3	1	Debye-Hückel-Onsager equation. Ionic mobilities.	1 hour	3	Chalk and Talk	Direct
4	1	Transference numbers using Hittorf and moving boundary methods.	1 hour	4	Chalk and Talk	Direct
5	1	Applications of conductance measurements: degree of dissociation of electrolyte	1 hour	5	Chalk and Talk	Direct
6	1	Conductometric titrations, hydrolysis constant of salts.	1 hour	6	Chalk and Talk	Direct
7	1	Chemical kinetics: introduction, rate of reaction, order and molecularity with examples.	1 hour	7	Chalk and Talk	Direct
8	1	Derivation of expression of rate constant of second order reaction (a=b)	1 hour	8	Chalk and Talk	Direct
9	1	Methods of determination of order of a reaction.	1 hour	9	Chalk and Talk	Direct
10	1	Arrhenius equation, activation energy.	1 hour	10	Chalk and Talk	Direct
11	1	Lindemann mechanism.	1 hour	11	Chalk and Talk	Direct
12	1	Collision theory of reaction rates.	1 hour	12	Chalk and	Direct

SESSION PLAN

PUSHPA C S

Programme: B. Sc. Chemistry

Semester: IV Semester-PS: 2023-24

Course Title: DSC-2: Chemistry-IV

Course Code: FSD420

Sl. No	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	I law of thermodynamics: introduction, system, surrounding types of systems. thermodynamic processes (isothermal, adiabatic, isochoric, isobaric and cyclic)	1 hour	1	Chalk and Talk	Direct
2	1	I law of thermodynamics, Enthalpy of a system, work done in isothermal and adiabatic expansion of an ideal gas.	1 hour	2	Chalk and Talk	Direct
3	1	Numerical problems, Joule Thomson effect, relation between Joule-Thomson coefficient and other thermodynamic parameters.	1 hour	3	Chalk and Talk	Direct
4	1	II law of thermodynamics: limitations of I law, Reversible and irreversible processes, concept of entropy. Thermodynamic scale of temperature	1 hour	4	Chalk and Talk	Direct
5	1	Statement of II law, molecular and statistical interpretation of entropy, Calculation of energy change for reversible and irreversible processes.	1 hour	5	Chalk and Talk	Direct
6	1	Free energy functions: Gibbs and Helmholtz energy, variation of S, G, A with T, V and P, numerical problems.	1 hour	6	Chalk and Talk	Direct
7	1	Free energy and spontaneity, Gibbs-Helmholtz equation. III law of thermodynamics: statement, concept of residual entropy, calculation of absolute entropy of molecules.	1 hour	7	Chalk and Talk	Direct
8	1	Surface chemistry adsorption: introduction, types with examples. Types of adsorption isotherms.	1 hour	8	Chalk and Talk	Direct

		Freundlich adsorption isotherm (only equation) and its limitations.				
9	1	Langmuir adsorption isotherm derivation and BET equation.	1 hour	9	Chalk and Talk	Direct
10	1	Catalysis: types of catalysis(positive , negative , auto and induced), characteristics of catalysis	1 hour	10	Chalk and Talk	Direct
11	1	Theory of catalysis with example(intermediate compound and adsorption theory)	1 hour	11	Chalk and Talk	Direct
12	1	Theory of acid base catalysis, Michaelis-Menton equation.	1 hour	12	Chalk and Talk	Direct
13	1	Heterogenous catalysis- surface reactions , uni and bi molecular surface reactions. Auto catalysis with example.	1 hour	13	Chalk and Talk	Direct
14	1	Applications : design process to removal of toxic compounds from industrial waste water and treatment of portable water requirements.	1 hour	14	Chalk and Talk	Direct

SESSION PLAN

PUSHPA C S

Programme: B. Sc. Chemistry

Semester: V Semester-PS: 2023-24

Course Title: DSC-2: Chemistry-V

Course Code: FSE 420

Sl. No	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	Aromaticity: homoaromaticity of azulenes, tropone and tropolone	1 hour	1	Chalk and Talk	Direct
2	1	Annulenes, benzoids, meso-ionic compounds. Alternant and non alternant hydrocarbons.	1 hour	2	Chalk and Talk	Direct
3	1	Energy levels in odd and even Alternant hydrocarbons. Stereochemistry- introduction	1 hour	3	Chalk and Talk	Direct
4	1	Chirality in allenes, alkylediene, cycloalkanes and spiranes.	1 hour	4	Chalk and Talk	Direct
5	1	Cram's and prelog's rules. Conformational analysis of substituted cycloalkanes- methyl. Iso propyl	1 hour	5	Chalk and Talk	Direct
6	1	Tert-butyl, dialkyl, dihalo and diols. Conformational analysis of cycloheptane.	1 hour	6	Chalk and Talk	Direct
7	1	Nomenclature and conformations of fused rings and bridge ring systems.	1 hour	7	Chalk and Talk	Direct
8	1	Prochirality: enantiotopic and diastereotopic atoms, groups and faces.	1 hour	8	Chalk and Talk	Direct
9	1	Vitamins: Definition, classification, structural elucidation, synthesis and biological importance of VIT A.	1 hour	9	Chalk and Talk	Direct
10	1	structural elucidation, synthesis and biological importance of VIT C.	1 hour	10	Chalk and Talk	Direct
11	1	Structural formulae and biological importance of thiamine, pyridoxine, folic acid	1 hour	11	Chalk and Talk	Direct
12	1	Structural formulae and biological importance of folic acid pantothenic acid, Riboflavin, tocopherol	1 hour	12	Chalk and Talk	Direct
13	1	Structural formulae and biological	1 hour	13	Chalk and	Direct

SESSION PLAN

SOWMYA H S

Programme: B. Sc. Chemistry

Semester: VI Semester-NS: 2023-24

Course Title: DSC-6: Chemistry-8

Course Code: FSF420

Sl. No.	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	Rearrangements : Reaction and mechanism of Wagner-meerwein .	1 hour	1	Chalk and Talk	Direct
2	1	Fries, and Beckmann rearrangement	1 hour	2	Chalk and Talk	Direct
3	1	Hofmann and Benzyl-benzylic acid rearrangement,	1 hour	3	Chalk and Talk	Direct
4	1	Favourskii, and Dienone-phenol rearrangement	1 hour	4	Chalk and Talk	Direct
5	1	Benzidine rearrangement.	1 hour	5	Chalk and Talk	Direct
6	1	Baeyer-villiger oxidation, rearrangement	1 hour	6	Chalk and Talk	Direct
7	1	Arndt-Einstert reaction .	1 hour	7	Chalk and Talk	Direct
8	1	Amino acids and Peptides : Amino acids – Synthesis (from Halogen acids, Gabriel phthalamide, malonic ester.)	1 hour	8	Chalk and Talk	Direct
9	1	Reactions-(Alkyl halides, acid halide, NH_3 , LiAlH_4)	1 hour	9	Chalk and Talk	Direct
10	1	Classification and nomenclature of peptides. Cleavage of peptide bond by chemical and enzymatic methods	1 hour	10	Chalk and Talk	Direct
11	1	Sanger and Edman methods of sequencing. Protection of amino groups (Boc) and carboxyl group as alkyl esters.	1 hour	11	Chalk and Talk	Direct
12	1	. Protection of amino groups (Boc) and carboxyl group as alkyl esters.	1 hour	12	Chalk and Talk	Direct

SESSION PLAN

SOWMYA H S

Programme: B. Sc. Chemistry

Semester: VI Semester-PC: 2023-24

Course Title: DSC-6: Chemistry-8

Course Code: FSF420

Sl. No.	Credit Hours	Topic of the Unit	No. of Lectures	Day of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	Rearrangements : Reaction and mechanism of Wagner-meerwein .	1 hour	1	Chalk and Talk	Direct
2	1	Fries, and Beckmann rearrangement	1 hour	2	Chalk and Talk	Direct
3	1	Hofmann and Benzyl-benzylic acid rearrangement,	1 hour	3	Chalk and Talk	Direct
4	1	Favourskii, and Dienone-phenol rearrangement	1 hour	4	Chalk and Talk	Direct
5	1	Benzidine rearrangement.	1 hour	5	Chalk and Talk	Direct
6	1	Baeyer-villiger oxidation, rearrangement	1 hour	6	Chalk and Talk	Direct
7	1	Arndt-Einstert reaction .	1 hour	7	Chalk and Talk	Direct
8	1	Amono acids and Peptides : Amono acids – Synthesis (from Halogen acids, Gabriel phthalamide, malonic ester.)	1 hour	8	Chalk and Talk	Direct
9	1	Reactions-(Alkyl halides, acid halide, NH_3 , LiAlH_4)	1 hour	9	Chalk and Talk	Direct
10	1	Classification and nomenclature of peptides. Cleavage of peptide bond by chemical and enzymatic methods	1 hour	10	Chalk and Talk	Direct
11	1	Sanger and Edman methods of sequencing. Protection of amino groups (Boc) and carboxyl group as alkyl esters.	1 hour	11	Chalk and Talk	Direct
12	1	. Protection of amino groups (Boc) and carboxyl group as alkyl esters.	1 hour	12	Chalk and Talk	Direct

13	1	Use of DCC and HOBT in peptide bond formation reactions. . Synthesis of oxytocin.	1 hour	13	Chalk and Talk	Direct
14	1	Solutions and solid phase techniques. Introduction to peptidomimetics.	1 hour	14	Chalk and Talk	Direct

SESSION PLAN

SOWMYA H.S

Programme: B. Sc. Chemistry

Semester: II Semester-NS: 2023-24

Course Title: DSC-2: Chemistry-2

Course Code: FSB420

Sl No	Unit	Credit hours	Topic of the unit	No of lectures	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	Analytical Chemistry.	1	Titrimetric analysis- basic principles , preparation and dilution of reagents	1	Chalk & Talk	Direct
2		1	Normality, molarity and mole fraction, use of $N_1V_1=N_2V_2$ formula, preparation of ppm level solution , conversion factor	1	Chalk & Talk	Direct
3		1	Acid base titrimetry- titration curves for SA v/s SB, WA v/s SB, WB v/s SA titrations, titration curves.	1	Chalk & Talk	Direct
4		1	Quantitative applications of selecting and standardizing a titrant , inorganic analysis-acidity, alkalinity	1	Chalk & Talk	Direct
5		1	Complexometric titrimetry- indicators for EDTA titrations, theory of metal ion indicators	1	Chalk & Talk	Direct
6		1	Direct, back, displacement and indirect determinations, applications- determination of	1	Chalk & Talk	Direct

			hardness of water.			
7		1	Redox titrimetry- balancing redox equations, calculation of the equilibrium constant of redox reaction.	1	Chalk & Talk	Direct
8		1	Titration curves, theory of redox indicators.	1	Chalk & Talk	Direct
9		1	Calculation of standard potential using nernst equation and applications	1	Chalk & Talk	Direct
10		1	Precipitation titrimetry- titration curves, titrant and standard s indicators for precipitation titration.	1	Chalk & Talk	Direct
11		1	Volhard's and Mohr's methods and their differences.	1	Chalk & Talk	Direct
12		1	Gravimetric analysis requisites of precipitation mechanism of precipitation factors influencing precipitation, co precipitation, post precipitation.	1	Chalk & Talk	Direct
13		1	Advantages of organic reagents over inorganic reagents used in gravimetry	1	Chalk & Talk	Direct
14		1	Numerical problems on all the	1	Chalk & Talk	Direct

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JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme-BSc-BcMb

Programme Code-BSc

Semester- I

Course Title- Chemical Foundation of Biochemistry-1

Course Code- FSA490

No. of Hours: 28

Name of the Faculty: Dr. Manjunath M S

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Scope of Biochemistry and Units of measurement	Chalk and Talk	Direct
2	1	1	Origin of life, types of organisms	Chalk and Talk	Direct
3	1	1	prokaryotes, eukaryotes, unicellular, multicellular	Chalk and Talk	Direct
4	1	1	compartmentation of functions in lower and higher organisms, and common physiological events of organisms	Chalk and Talk	Direct
5	1	1	chemical composition of living organisms, subcellular organelles	Chalk and Talk	Direct
6	1	1	SI units, mass, volume, temperature	Chalk and Talk	Direct
7	1	1	amount, length and time	Chalk and Talk	Direct
8	1	1	An overview on the metric system, atomic weight, molecular weight, equivalent weight	Chalk and Talk	Direct
9	1	1	basicity of acids, acidity of bases PGF1&F2.	Chalk and Talk	Direct
10	1	1	Avogadro`s number, molarity, normality, molality	Chalk and Talk	Direct
11	1	1	Dalton concept,	Chalk and Talk	Direct
12	1	1	mole concept	Chalk and Talk	Direct
13	1	1	oxidation number and its significance,	Chalk and Talk	Direct
14	1	1	density and specific gravity, their significances	Chalk and Talk	Direct

15	2	1	Structure of an atom, electrons and Quantum numbers	Chalk and Talk	Direct
16	2	1	orbitals, shapes of orbitals, s, p, d, and f subshells	Chalk and Talk	Direct
17	2	1	K, L, M, N, O, P, and Q shells	Chalk and Talk	Direct
18	2	1	Illustration of Pauli's exclusion principle	Chalk and Talk	Direct
19	2	1	Aufbau principle, and Hund's rule	Chalk and Talk	Direct
20	2	1	electron configuration, octet rule	Chalk and Talk	Direct
21	2	1	Formation and properties of noncovalent and covalent bonds	Chalk and Talk	Direct
22	2	1	hydrogen bonds, ionic bonds, van der Waals interactions	Chalk and Talk	Direct
23	2	1	London forces, dipole-dipole interactions	Chalk and Talk	Direct
24	2	1	electrostatic interactions, and hydrophobic interactions	Chalk and Talk	Direct
25	2	1	Sigma, pi and co-ordinate bonds	Chalk and Talk	Direct
26	2	1	back bonding	Chalk and Talk	Direct
27	2	1	Corresponding energy associated	Chalk and Talk	Direct
28	2	1	outline of theories of bonding	Chalk and Talk	Direct

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Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb**

Programme Code-**BSc**

Semester- I

Course Title- **Chemical Foundation of Biochemistry-1**

Course Code- **FSA490**

No. of Hours: 28

Name of the Faculty: **Madhura D N**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk & Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	III	14hrs	Acids, bases, Arrhenius concept .	Chalk & Talk	Direct
2	III		Proton transfer theory, Lewis concept, Lowry and Bronsted concepts Definition of Normality (problems to be worked out).	Chalk & Talk	Direct
3	III		Buffers, composition, pH, pH scale	Chalk & Talk	Direct
4	III		Henderson- Hasselbalch equation, titration curve	Chalk & Talk	Direct
5	III		Titration curve of H ₃ PO ₄ , pK value, isoelectric pH	Chalk & Talk	Direct
6	III		Ionization of HCl, HNO ₃ , H ₂ SO ₄	Chalk & Talk	Direct
7	III		Colligative properties and anomalous colligative properties of solutions	Chalk & Talk	Direct
8	III		structure of water, phase diagram of pure water	Chalk & Talk Chalk & Talk	Direct
9	III		ionic product of water, special properties of water	Chalk & Talk	Direct
10	III		buffers in animal system. Solutions and types	Chalk & Talk	Direct
11	III		ionizable solutes, non-ionizable solutes	Chalk & Talk	Direct
12	III		vapor pressure and its application in distillation	Chalk & Talk	Direct
13	III		Vant Hoff law, Roul't's law, boiling point, freezing point, de-icing	Chalk & Talk	Direct
14	III		osmosis and osmotic pressure determination, reverse osmosis, surface tension.	Chalk & Talk	Direct
15	IV		Electrochemistry and Redox reactions	Chalk & Talk	Direct

16	IV		Scope of electrochemistry, electrochemical cells, Daniel cell, galvanic cell		
17	IV		electrode potential and its measurement, electrolysis, types of electrolytes, primary and secondary batteries	Chalk & Talk	Direct
18	IV		electrodes, half-cell reaction, standard electrodes. Laws of thermodynamics,	Chalk & Talk	Direct
19	IV		entropy and enthalpy, their relation	Chalk & Talk	Direct
20	IV		Gibb`s energy, free energy change, Lewis concept, ions	Chalk & Talk	Direct
21	IV		redox reactions, redox potential, application of redox potential	Chalk & Talk	Direct
22	IV		energy linked to redox reactions, reduction of oxygen,	Chalk & Talk	Direct
23	IV		oxidation and reduction of iron in hemoglobin	Chalk & Talk	Direct
24	IV		biologicalactive forms of zinc, calcium, nickel	Chalk & Talk Chalk & Talk	Direct
25	IV		molybdenum, selenium, and cobalt	Chalk & Talk	Direct
26	IV		NAD ⁺ /NADH, NADP ⁺ /NADPH, FAD/FADH ₂ , FMN/FMNH ₂	Chalk & Talk	Direct
27	IV		Molecularity and order of a reaction.	Chalk & Talk	Direct
28	IV		Molecularity and order of a reaction.	Chalk & Talk	Direct

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Lesson Plan/Session Plan 2023-24

Programme-BSc-BcMb

Programme Code-BSc

Semester- II

Course Title- Chemical Foundation of Biochemistry-2

Course Code- FSB490

No. of Hours: 28

Name of the Faculty: Dr. Manjunath M S

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Organometallic Compounds	Chalk and Talk	Direct
2	1	1	Metal atom linked organic compounds. Preparation of Grignard reagents and structure, limitations, protonolysis and reactions	Chalk and Talk	Direct
3	1	1	Organolithium compounds,preparation and reactions	Chalk and Talk	Direct
4	1	1	Organozinc compounds. Organoboranes its mechanisms. Ferrocenes.	Chalk and Talk	Direct
5	1	1	Introduction to mineral and ores, classification, concentration,	Chalk and Talk	Direct
6	1	1	Introduction to mineral and ores, extraction, refining	Chalk and Talk	Direct
7	1	1	uses of minerals and metals and its importance	Chalk and Talk	Direct
8	1	1	Porphyrins and Metal ions	Chalk and Talk	Direct
9	1	1	Role of metal ions in biological systems, Fe, Cu	Chalk and Talk	Direct
10	1	1	Role of metal ions in biological systems Zn	Chalk and Talk	Direct
11	1	1	structureand functions of porphyrins	Chalk and Talk	Direct
12	1	1	metalloporphyrins with suitable examples and their role in biological systems.	Chalk and Talk	Direct
13	1	1	iron-sulphur clusters with suitableexamples and their role in	Chalk and Talk	Direct

			biological systems.		
14	1	1	metalloporphyrins and iron-sulphur clusters with suitable examples and their role in biological systems.	Chalk and Talk	Direct
15	2	1	Inorganic Chemistry	Chalk and Talk	Direct
16	2	1	Nomenclature of inorganic molecules and coordination compounds	Chalk and Talk	Direct
17	2	1	formula. IUPAC nomenclature. Central metal ion, ligand, coordination number, sphere, complex ion,	Chalk and Talk	Direct
18	2	1	oxidation number of central atom, homoleptic and heteroleptic complexes. Isomerism in complexes, structural, ionisation, solvate, linkage and coordination	Chalk and Talk	Direct
19	2	1	Stereoisomerism, geometrical, optical isomerism with simple inorganic complexes.	Chalk and Talk	Direct
20	2	1	Applications of qualitative, quantitative analysis, photographic,	Chalk and Talk	Direct
21	2	1	Applications of, photographic, metallurgy, medicine, catalysis and biosystems.	Chalk and Talk	Direct
22	2	1	Heavy Metal Poisons: Introduction, poisons, lead, mercury, aluminium, arsenic	Chalk and Talk	Direct
23	2	1	corrosives, cyanide, irritants, phosphorus, CO ₂ , SO ₂ , SO ₃ , NO ₂ , halides and acid fumes, poisoning, sources, signs and symptoms	Chalk and Talk	Direct
24	2	1	Free radicals: introduction, definition, generation and scavenger systems	Chalk and Talk	Direct
25	2	1	Redox reactions, types, stock	Chalk and Talk	Direct
26	2	1	notations, change in oxidation number and combination	Chalk and Talk	Direct
27	2	1	Endergonic and exergonic reactions with examples.	Chalk and Talk	Direct
28	2	1	Endergonic and exergonic reactions with examples. The Importance in biological systems.	Chalk and Talk	Direct

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Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme-BSc-BcMb

Programme Code-BSc

Semester- II

Course Title- Chemical Foundation of Biochemistry-2

Course Code- FSB490

No. of Hours: 28

Name of the Faculty: MADHURA D N

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Chemical catalysis	Chalk and Talk	Direct
2	1	1	Types, intermolecular: multifunctional, theories of catalysis.	Chalk and Talk	Direct
3	1	1	Properties, characteristics of enzyme catalysis.	Chalk and Talk	Direct
4	1	1	Autocatalysis, industrial catalysis and their role in biological system.	Chalk and Talk	Direct
5	1	1	Colloids: true solutions and classification.	Chalk and Talk	Direct
6	1	1	Peptisation, purification	Chalk and Talk	Direct
7	1	1	Ultrafiltration, Brownian movements.	Chalk and Talk	Direct
8	1	1	Electric properties, coagulation, mutual, lyophilic sols.	Chalk and Talk	Direct
9	1	1	Boiling, dialysis.	Chalk and Talk	Direct
10	1	1	Persistent dialysis, addition of electrolytes.	Chalk and Talk	Direct
11	1	1	Colloids in daily life and applications.	Chalk and Talk	Direct
12	1	1	Emulsion : types, micelles.	Chalk and Talk	Direct
13	1	1	Micelles with biomolecules .	Chalk and Talk	Direct
14	1	1	Micelles biological applications.	Chalk and Talk	Direct
15	2	1	Nomenclature of organic compounds	Chalk and Talk	Direct
16	2	1	Classification, naming- IUPAC	Chalk and Talk	Direct

17	2	1	Nomenclature, compounds one, two functional groups with chains.	Chalk and Talk	Direct
18	2	1	Homologous series.	Chalk and Talk	Direct
19	2	1	Stereochemistry, geometrical isomerism.	Chalk and Talk	Direct
20	2	1	Structural isomerism, conformation and free rotation.	Chalk and Talk	Direct
21	2	1	Optical isomerism, symmetry of elements.	Chalk and Talk	Direct
22	2	1	Plane polarized light and optical purity.	Chalk and Talk	Direct
23	2	1	Nomenclature of enantiomers, epimers.	Chalk and Talk	Direct
24	2	1	Racemic mixture, resolution. Fischer and Newman projection formulae.	Chalk and Talk	Direct
25	2	1	molecule with one and two chiral and achiral centers.	Chalk and Talk	Direct
26	2	1	Priority rules; E and Z(CIP RULES), R and S, D and L notations.	Chalk and Talk	Direct
27	2	1	Absolute (r and s) and relative (d and i) configuration.	Chalk and Talk	Direct
28	2	1	Role of stereochemistry in biological systems.	Chalk and Talk	Direct

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Lesson Plan/Session Plan 2023-24

Programme-BScBcBt

Programme Code-BSc

Semester- III

Course Title- Bioorganic Chemistry

Course Code- FSC490

No. of Hours: 28

Name of the Faculty: Dr. Manjunath M S

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Reaction mechanisms and aliphatic hydrocarbons	Chalk and Talk	Direct
2	1	1	Introduction, meaning of the term, kinetic and non-kinetic. Fundamental aspects: Homo and heterolytic cleavage	Chalk and Talk	Direct
3	1	1	Concept of inductive effect, mesomeric effect	Chalk and Talk	Direct
4	1	1	resonance, and hyper conjugation.	Chalk and Talk	Direct
5	1	1	Classification of organic reactions (substitution, addition, elimination, and re- arrangement), with two examples for each.	Chalk and Talk	Direct
6	1	1	Concepts Reactive intermediates of the following – free radicals, carbo cations and carbanions	Chalk and Talk	Direct
7	1	1	free radicals, carbines, nucleophiles and electrophiles (Formation and Stability).	Chalk and Talk	Direct
8	1	1	Hydrocarbons -Mechanism of addition of HCl to propene, Morkownikoff's rule	Chalk and Talk	Direct
9	1	1	Peroxide effect, Alkenes – Ozonolysis, oxidation	Chalk and Talk	Direct
10	1	1	Alkynes – formation of acetylides and their importance	Chalk and Talk	Direct

11	1	1	Dienes– types with examples	Chalk and Talk	Direct
12	1	1	Conjugate dienes, 1,3-butadiene	Chalk and Talk	Direct
13	1	1	stability, mechanism of addition of HBr	Chalk and Talk	Direct
14	1	1	Conformational analysis of ethane and n-butane	Chalk and Talk	Direct
15	2	1	Mechanism of substitution, elimination, and addition reactions	Chalk and Talk	Direct
16	2	1	S _N 1 and S _N 2 reactions on tetrahedral carbon	Chalk and Talk	Direct
17	2	1	energy profile diagrams, Stereochemistry	Chalk and Talk	Direct
18	2	1	factors affecting S _N 2 and S _N 1 reactions	Chalk and Talk	Direct
19	2	1	The Elimination reactions- E ₂ reaction, Zaitsev rule, E ₁ reaction	Chalk and Talk	Direct
20	2	1	Stereochemistry of E ₁ & E ₂ reactions, E ₂ & E ₁ elimination from cyclic compounds.	Chalk and Talk	Direct
21	2	1	Substitution and Elimination reactions in Synthesis.	Chalk and Talk	Direct
22	2	1	Addition reactions - Aldehydes and Ketones	Chalk and Talk	Direct
23	2	1	nucleophilic addition of acetals & ketals	Chalk and Talk	Direct
24	2	1	Addition of Ammonia, primary amines, and other ammonia derivatives	Chalk and Talk	Direct
25	2	1	Conjugate addition. Conjugation addition in alpha and beta unsaturated ketones	Chalk and Talk	Direct
26	2	1	Conjugate addition. Conjugation addition in alpha and beta unsaturated aldehydes	Chalk and Talk	Direct
27	2	1	1,4 addition.	Chalk and Talk	Direct
28	2	1	1, 2 addition.	Chalk and Talk	Direct

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Lesson Plan/Session Plan 2023-24

Programme-**BScBcBt**

Programme Code-**BSc**

Semester- **III**

Course Title- **Bioorganic Chemistry**

Course Code- **FSC490**

No. of Hours: 28

Name of the Faculty: **Madhura D N**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	3	1	Reaction mechanisms and aliphatic hydrocarbons	Chalk and Talk	Direct
2	3	1	Introduction, meaning of the term, kinetic and non-kinetic. Fundamental aspects: Homo and heterolytic cleavage	Chalk and Talk	Direct
3	3	1	Concept of inductive effect, mesomeric effect	Chalk and Talk	Direct
4	3	1	resonance, and hyper conjugation.	Chalk and Talk	Direct
5	3	1	Classification of organic reactions (substitution, addition, elimination, and re-arrangement), with two examples for each.	Chalk and Talk	Direct
6	3	1	Concepts Reactive intermediates of the following – free radicals, carbo cations and carbanions	Chalk and Talk	Direct
7	3	1	free radicals, carbines, nucleophiles and electrophiles (Formation and Stability).	Chalk and Talk	Direct
8	3	1	Hydrocarbons -Mechanism of addition of HCl to propene, Markownikoff's rule	Chalk and Talk	Direct
9	3	1	Peroxide effect, Alkenes – Ozonolysis, oxidation	Chalk and Talk	Direct
10	3	1	Alkynes – formation of acetylides and their importance	Chalk and Talk	Direct
11	3	1	Dienes– types with examples	Chalk and Talk	Direct
12	3	1	Conjugate dienes, 1,3-butadiene	Chalk and Talk	Direct
13	3	1	stability, mechanism of addition of HBr	Chalk and Talk	Direct
14	3	1	Conformational analysis of ethane and n-butane	Chalk and Talk	Direct
15	4	1	Mechanism of substitution, elimination,	Chalk and Talk	Direct

			and addition reactions		
16	4	1	S _N 1 and S _N 2 reactions on tetrahedral carbon	Chalk and Talk	Direct
17	4	1	energy profile diagrams, Stereochemistry	Chalk and Talk	Direct
18	4	1	factors affecting S _N 2 and S _N 1 reactions	Chalk and Talk	Direct
19	4	1	The Elimination reactions- E ₂ reaction, Zaitsev rule, E ₁ reaction	Chalk and Talk	Direct
20	4	1	Stereochemistry of E ₁ & E ₂ reactions, E ₂ & E ₁ elimination from cyclic compounds.	Chalk and Talk	Direct
21	4	1	Substitution and Elimination reactions in Synthesis.	Chalk and Talk	Direct
22	4	1	Addition reactions - Aldehydes and Ketones	Chalk and Talk	Direct
23	4	1	nucleophilic addition of acetals & ketals	Chalk and Talk	Direct
24	4	1	Addition of Ammonia, primary amines, and other ammonia derivatives	Chalk and Talk	Direct
25	4	1	Conjugate addition. Conjugation addition in alpha and beta unsaturated ketones	Chalk and Talk	Direct
26	4	1	Conjugate addition. Conjugation addition in alpha and beta unsaturated aldehydes	Chalk and Talk	Direct
27	4	1	1,4 addition.	Chalk and Talk	Direct
28	4	1	1, 2 addition.	Chalk and Talk	Direct

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Lesson Plan/Session Plan 2023-24

Programme-BSc- BcBt

Programme Code-BSc

Semester- IV

Course Title- ANALYTICAL BIOCHEMISTRY

Course Code- FSD490

No. of Hours: 28

Name of the Faculty: Dr. Manjunath M S

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Biological sample preparation and fractionation	1	Day 1	Chalk and Talk	Direct
2	1	1	Introduction and objectives of bioanalysis and extraction of molecules from tissues	1	Day 2	Chalk and Talk	Direct
3	1	1	Sample preparation types of sample living	1	Day 3	Chalk and Talk	Direct
4	1	1	postmortem extraction of macromolecules from tissues	1	Day 4	Chalk and Talk	Direct
5	1	1	liquid-liquid, liquid-solid and precipitation methods.	1	Day 5	Chalk and Talk	Direct
6	1	1	Centrifugation- Introduction, principles of centrifugation	1	Day 6	Chalk and Talk	Direct
7	1	1	Sedimentation, angular velocity, centrifugal field, relative centrifugal field	1	Day 7	Chalk and Talk	Direct
8	1	1	Types of	1	Day 8	Chalk and Talk	Direct

			centrifugations- Preparative and analytical				
9	1	1	Differential, density gradient and ultra-centrifugation	1	Day 9	Chalk and Talk	Direct
10	1	1	Basic instrumentation; types of rotors and their design	1	Day 10	Chalk and Talk	Direct
11	1	1	Laboratory centrifuge; operational instruction and applications.	1	Day 11	Chalk and Talk	Direct
12	1	1	AnalyticalCentrifuges- Optics; Application in sub-cellular fractionation	1	Day 12	Chalk and Talk	Direct
13	1	1	Sedimentation coefficient	1	Day 13	Chalk and Talk	Direct
14	1	1	care, and maintenance of instrument	1	Day 14	Chalk and Talk	Direct
15	2	1	Electrophoresis: General principle of electrophoresis, velocity of a charged molecule in the applied electric field	1	Day 15	Chalk and Talk	Direct
16	2	1	relevance of Ohm's law in electrophoretic separations. Supporting media for electrophoresis	1	Day 16	Chalk and Talk	Direct
17	2	1	energy profile diagrams, Stereochemistry	1	Day 17	Chalk and Talk	Direct
18	2	1	methodology and applications of native PAGE and SDS- PAGE, 2-D electrophoresis, Identification of proteins post electrophoresis- dyes and biological activities.	1	Day 18	Chalk and Talk	Direct
19	2	1	Agarose gel and Pulse field electrophoresis, Applications of capillary electrophoresis	1	Day 19	Chalk and Talk	Direct
20	2	1	Stereochemistry of E ₁ & E ₂ reactions, E ₂ & E ₁ elimination from cyclic	1	Day 20	Chalk and Talk	Direct

			compounds.				
21	2	1	isoelectric focusing. Cellulose acetate electrophoresis. Principle and applications of immune-electrophoresis.	1	Day 21	Chalk and Talk	Direct
22	2	1	Radioisotopic methods: Radioactivity–Types of radioactive decay	1	Day 22	Chalk and Talk	Direct
23	2	1	Properties of α , β , γ radiations. Group displacement law	1	Day 23	Chalk and Talk	Direct
24	2	1	Decay law - decay constant, Half-life period and average life of a radioactive element	1	Day 24	Chalk and Talk	Direct
25	2	1	Detection of radioactivity - GM counter and scintillation counters	1	Day 25	Chalk and Talk	Direct
26	2	1	Applications of radioisotopes - ^3H , ^{14}C , ^{131}I , ^{60}Co and ^{32}P	1	Day 26	Chalk and Talk	Direct
27	2	1	Biological effects of radiations. Radiolabeling	1	Day 27	Chalk and Talk	Direct
28	2	1	safety measure in handling radio isotopes.	1	Day 28	Chalk and Talk	Direct

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Lesson Plan/Session Plan 2023-24

Programme-**BSc- BcBt**

Programme Code-**BSc**

Semester- **IV**

Course Title- **ANALYTICAL BIOCHEMISTRY**

Course Code- **FSD490**

No. of Hours: 28

Name of the Faculty: **MADHURA D N**

Sl. No.	Unit	Credit Hours	Topic of the Unit	No. of Lectures	Date of Lecture	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	2	1	Chromatography: general principles of chromatography, history of chromatography.	1	Day 1	Chalk and Talk	Direct
2	2	1	Classification based on 1. Physical way stationary and mobile phase are brought together- planar and column chromatography.	1	Day 2	Chalk and Talk	Direct
3	2	1	2. based on types of mobile and or liquid phase adsorption and partition- gas chromatography and liquid chromatography.	1	Day 3	Chalk and Talk	Direct
4	2	1	Based on stationary phase.	1	Day 4	Chalk and Talk	Direct
5	2	1	Thin layer chromatography	1	Day 5	Chalk and Talk	Direct
6	2	1	Paper chromatography.	1	Day 6	Chalk and Talk	Direct
7	2	1	Ascending, descending and circular.	1	Day 7	Chalk and Talk	Direct
8	2	1	2 dimensional chromatography.	1	Day 8	Chalk and Talk	Direct

9	2	1	Rf values.	1	Day 9	Chalk and Talk	Direct
10	2	1	Classification of chromatography based on separation:	1	Day 10	Chalk and Talk	Direct
11	2	1	principles, methodologies and applications of adsorption	1	Day 11	Chalk and Talk	Direct
12	2	1	Partition, ion-exchange, gel-filtration and affinity chromatography.	1	Day 12	Chalk and Talk	Direct
13	2	1	Advanced chromatography – HPLC and FPLC.	1	Day 13	Chalk and Talk	Direct
14	2	1	UPLC and GLC.	1	Day 14	Chalk and Talk	Direct
15	4	1	Spectroscopic methods of bio-analysis :	1	Day 15	Chalk and Talk	Direct
16	4	1	Wave particle duality of light.	1	Day 16	Chalk and Talk	Direct
17	4	1	Electromagnetic spectrum.	1	Day 17	Chalk and Talk	Direct
18	4	1	Transition spectroscopy.	1	Day 18	Chalk and Talk	Direct
19	4	1	Principle, design and application of UV-Vis spectrophotometer.	1	Day 19	Chalk and Talk	Direct
20	4	1	Beer's law and its limitations.	1	Day 20	Chalk and Talk	Direct
21	4	1	Determination of molar absorption coefficient of molecules.	1	Day 21	Chalk and Talk	Direct
22	4	1	Working principle and applications of a colorimeter.	1	Day 22	Chalk and Talk	Direct
23	4	1	Flame photometer	1	Day 23	Chalk and Talk	Direct
24	4	1	And fluorimeter:	1	Day 24	Chalk and Talk	Direct
25	4	1	Principle and application of IR,	1	Day 25	Chalk and Talk	Direct
26	4	1	And Raman	1	Day 26	Chalk and Talk	Direct
27	4	1	ESR spectroscopy.	1	Day 27	Chalk and Talk	Direct

28	4	1	NMR spectroscopy	1	Day 28	Chalk and Talk	Direct
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Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb, BcBt**

Programme Code-**BSc**

Semester- V Paper V

Course Title- **BIOCHEMISTRY OF MACROMOLECULES AND NUTRITION**

Course Code- **FSE490**

No. of Hours: 28

Name of the Faculty: **Dr. Manjunath M S**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Lipids and Nucleic acids	Chalk and Talk	Direct
2	1	1	Classification and biological role, fatty acids – Nomenclature of saturated and unsaturated fatty acids with an example for each,	Chalk and Talk	Direct
3	1	1	Dietary sources, Essential and Nonessential fatty acids, Invisible fat.	Chalk and Talk	Direct
4	1	1	Acylglycerols: Mono, di and triacyl glycerols saponification value, iodine value, acid value and significance. Rancidity.	Chalk and Talk	Direct
5	1	1	Phosphoglycerides: Structure of lecithin (phosphatidyl choline) ,cephalins,	Chalk and Talk	Direct
6	1	1	phosphatidyl inositol, plasmalogens, and cardiolipin. Biological role of phosphoglycerides	Chalk and Talk	Direct
7	1	1	Sphingolipids: Structure and importance of sphingomyelin.	Chalk and Talk	Direct
8	1	1	Glycosphingolipids: Structure and importance of gangliosides and cerebroside	Chalk and Talk	Direct
9	1	1	Eicosanoids: Structure and biological importance of PGE ₂ , PGI ₂ and TXA ₂ . Leukotrienes	Chalk and Talk	Direct
10	1	1	Plasmalipoproteins: Types and functions.	Chalk and Talk	Direct
11	1	1	Nucleic acids: Composition of DNA and RNA. Nucleosides and Nucleotides. Chargaff's rule	Chalk and Talk	Direct
12	1	1	Watson and Crick model of DNA. UV absorption	Chalk and Talk	Direct
13	1	1	Effect of alkali and acid on Nucleic acids	Chalk and Talk	Direct
14	1	1	Chemical reactions of RNA and DNA. Melting of	Chalk and	Direct

			DNA (Tm).	Talk	
15	2	1	Types of RNA (mRNA, tRNA and rRNA), Secondary structures of tRNA- cloverleaf model.	Chalk and Talk	Direct
16	2	1	Nutrition Introduction: Concept of Nutrition, calorific value of foods and its determination (Bomb calorimeter).	Chalk and Talk	Direct
17	2	1	Respiratory quotient, Basal Metabolic Rate, factors affecting BMR. Specific dynamic action (SDA) of foods.	Chalk and Talk	Direct
18	2	1	Vitamins: Biochemical functions and deficiency symptoms of Thiamine, Riboflavin, Niacin,	Chalk and Talk	Direct
19	2	1	Pantothenic acid, Pyridoxine, Biotin, Folic acid, Vit-B ₁₂ and Vit - C.	Chalk and Talk	Direct
20	2	1	Fat soluble vitamins- A, D, E and K.	Chalk and Talk	Direct
21	2	1	Mineral Metabolism: Physiological functions and deficiency disorders of Ca, P, Na,	Chalk and Talk	Direct
22	2	1	K, Cl, Mg, Fe, I	Chalk and Talk	Direct
23	2	1	Protein energy malnutrition (PEM): Kwashiorkar and Marasmus	Chalk and Talk	Direct
24	2	1	Antinutritional factors: Sources and harmful effects of anti-vitamins (Eg. Avidin, Dicoumarol),	Chalk and Talk	Direct
25	2	1	Antinutritional factors: Sources and harmful effects of anti-vitamins (Eg. Avidin, Dicoumarol),	Chalk and Talk	Direct
26	2	1	Natural toxicants (Eg. Lathyrus sativa)	Chalk and Talk	Direct
27	2	1	adultrants (Eg. butter yellow, lead chromate).	Chalk and Talk	Direct
28	2	1	adultrants (Eg. butter yellow, lead chromate).	Chalk and Talk	Direct

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Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb, BcBt**

Programme Code-**BSc**

Semester- V Paper V

Course Title- **BIOCHEMISTRY OF MACROMOLECULES AND NUTRITION**

Course Code- **FSE490**

No. of Hours: 28

Name of the Faculty: **Madhura D N**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Carbohydrates Definition, empirical formulae, classification, biological importance	Chalk and Talk	Direct
2	1	1	Monosaccharides: Configuration relationship of D-aldoses, D-ketoses. General properties of aldoses and ketoses	Chalk and Talk	Direct
3	1	1	Oxidation, reduction, reducing property, formation of glycosides, acylation, methylation, condensation – phenyl hydrazine, addition –HCN.	Chalk and Talk	Direct
4	1	1	Interconversion of aldoses and ketoses by chemical method. Ascending and descending series by chemical methods	Chalk and Talk	Direct
5	1	1	Stereochemistry of monosaccharides , (+)and(-), DandL, epimers ,anomers, and diastereoisomers. Elucidation of open chain structure and ring structure of glucose. Conformation of glucose	Chalk and Talk	Direct
6	1	1	mutarotation.Structureofgalactose,mannose,riboseandfructose.Structureand biological importance of deoxysugars and sugar acids.	Chalk and Talk	Direct
7	1	1	Disaccharides: Establishment of structures of Sucrose and Lactose, Biological importance	Chalk and Talk	Direct
8	1	1	structure of Isomaltose, Trehalose and Maltose	Chalk and Talk	Direct
9	1	1	Polysaccharides: Partial structure, occurrence and importance of Starch ,Glycogen	Chalk and Talk	Direct
10	1	1	Inulin, Cellulose, Chitin, and Pectin.	Chalk and Talk	Direct
11	1	1	Glycosaminoglycans: Structure of aminosugars	Chalk and	Direct

			neuraminic and muramic acid	Talk	
12	1	1	Occurrence, importance and the structure of the repeating units of heparin	Chalk and Talk	Direct
13	1	1	hyaluronic acid, teichoic acid and chondroitin sulphate. Bacterial cell wall polysaccharide, peptidoglycans.	Chalk and Talk	Direct
14	1	1	Nutrition of carbohydrates: Dietary sources, dietary fibers and protein sparing action.	Chalk and Talk	Direct
15	2	1	Amino acids and Proteins Amino acids: Structure and classification of amino acids (Based on polarity).	Chalk and Talk	Direct
16	2	1	Essential and Non-essential amino acids. Reactions of the amino groups with HNO ₂ , LiAlH ₄ . Ninhydrin, Phenyl isothiocyanate	Chalk and Talk	Direct
17	2	1	DANSYL Chloride, Fluorodinitro benzene. Reaction of carboxyl group – Hydrazine. Zwitterionic properties. pKa values, D & L notation.	Chalk and Talk	Direct
18	2	1	Peptides: Peptide bond, structure and biological importance of glutathione.	Chalk and Talk	Direct
19	2	1	Proteins: Classification of proteins (Based on structure, functions with examples).	Chalk and Talk	Direct
20	2	1	Forces that stabilize the structure of proteins, Primary structure of proteins, methods of determining N- and C- terminal amino acids, amino acid composition,	Chalk and Talk	Direct
21	2	1	sequencing by Edman's degradation method. Secondary Structure – α helix. β -sheet,	Chalk and Talk	Direct
22	2	1	β -bend. Tertiary and quaternary structures- hemoglobin,	Chalk and Talk	Direct
23	2	1	denaturation and renaturation of proteins. Anfinsen's experiment	Chalk and Talk	Direct
24	2	1	Nutrition of proteins- Dietary sources, nutritional classification,	Chalk and Talk	Direct
25	2	1	Nutritional value of proteins – PER, NPU and Biological value of proteins (BV),	Chalk and Talk	Direct
26	2	1	essential amino acids. Nitrogen balance, mutual supplementation of proteins	Chalk and Talk	Direct
27	2	1	Nitrogen balance, mutual supplementation of proteins,	Chalk and Talk	Direct
28	2	1	Nutritional value of proteins – PER, NPU and Biological value of proteins (BV).	Chalk and Talk	Direct

Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb, BcBt**

Programme Code-**BSc**

Semester- V Paper VI

Course Title- **HUMAN PHYSIOLOGY AND ENZYMOLOGY**

Course Code- **FSE492**

No. of Hours: 28

Name of the Faculty: **Dr. Manjunath M S**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Basic body plan in humans & Location of organs.	Chalk and Talk	Direct
2	1	1	Nervous System: Brief outline of nervous system, Neurons – types, structure of multipolar neuron,	Chalk and Talk	Direct
3	1	1	mechanism of nerve impulse transmission- along axon, across synapse.	Chalk and Talk	Direct
4	1	1	Action potential & resting potential. Neurotransmitters – Excitatory & Inhibitory with examples.	Chalk and Talk	Direct
5	1	1	Respiratory system: Anatomy, structure and functions of lungs, mechanism of respiration (pulmonary ventilation),	Chalk and Talk	Direct
6	1	1	gas exchange mechanism, biochemical events in the transport of gases & factors affecting	Chalk and Talk	Direct
7	1	1	role of lungs in acid- base balance. Hypoxia, emphysema.	Chalk and Talk	Direct
8	1	1	Cardio-vascular system: Structure and functions of heart. Blood vessels – types	Chalk and Talk	Direct
9	1	1	Overview & functions: Cardiac cycle, cardiac output, regulation of CVS, blood	Chalk and Talk	Direct
10	1	1	pressure, heart rate, ECG. Body fluids – blood (composition, structure & functions of blood cells),	Chalk and Talk	Direct
11	1	1	blood clotting mechanism, Lymph and CSF.	Chalk and Talk	Direct
11	1	1	Muscular System: Types of muscles and their	Chalk and	Direct

2			structure	Talk	
1 3	1	1	Ultra structure of skeletal muscle.	Chalk and Talk	Direct
1 4	1	1	Contractile & regulatory proteins of muscle. Sliding filament model of skeletal muscle contraction.	Chalk and Talk	Direct
1 5	2	1	Introduction to enzymes: Nature of enzymes	Chalk and Talk	Direct
1 6	2	1	protein and non-protein (ribozyme).	Chalk and Talk	Direct
1 7	2	1	Cofactor and prosthetic group, apoenzyme, holoenzyme,	Chalk and Talk	Direct
1 8	2	1	IUBMB classification of enzymes with examples. International Units of enzyme activity, specific activity.	Chalk and Talk	Direct
1 9	2	1	Monomeric and oligomeric enzymes- Monomeric enzymes	Chalk and Talk	Direct
2 0	2	1	multifunctional enzymes, oligomeric enzymes and multi-enzyme complexes, isoenzymes- lactate dehydrogenase.	Chalk and Talk	Direct
2 1	2	1	isoenzymes-lactate dehydrogenase.	Chalk and Talk	Direct
2 2	2	1	Features of enzyme catalysis:	Chalk and Talk	Direct
2 3	2	1	Catalysis, reaction rates and thermodynamics of reaction.	Chalk and Talk	Direct
2 4	2	1	Activation energy and transition state theory,	Chalk and Talk	Direct
2 5	2	1	catalytic power and specificity of enzymes (concept of active site),	Chalk and Talk	Direct
2 6	2	1	catalytic power and specificity of enzymes (concept of active site),	Chalk and Talk	Direct
2 7	2	1	Theories of enzyme catalysis -Fischer's lock and key hypothesis,	Chalk and Talk	Direct
2 8	2	1	Koshland's induced fit hypothesis	Chalk and Talk	Direct

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JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb, BcBt**

Programme Code-**BSc**

Semester- V Paper VI

Course Title- **HUMAN PHYSIOLOGY AND ENZYMOLOGY**

Course Code- **FSE492**

No. of Hours: 28

Name of the Faculty: **Madhura D N**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Bone and Cartilage: Structure and types of bone and cartilage	Chalk and Talk	Direct
2	1	1	Long bone–Composition, structure, growth & remodeling, factors affecting.	Chalk and Talk	Direct
3	1	1	Digestive System and GIT: Anatomy of GIT and accessory organs	Chalk and Talk	Direct
4	1	1	Digestion, absorption & transport of carbohydrates lipids and proteins	Chalk and Talk	Direct
5	1	1	Role of various enzymes involved in digestive process.	Chalk and Talk	Direct
6	1	1	Hepatic System: Structure of a liver lobule. Role of liver in metabolic	Chalk and Talk	Direct
7	1	1	storage and detoxification.	Chalk and Talk	Direct
8	1	1	Excretory System: Brief outline of excretory system formation of urine	Chalk and Talk	Direct
9	1	1	Glomerular filtration, tubular reabsorption & secretions.	Chalk and Talk	Direct
1	1	1	Role of kidney in acid-base balance.	Chalk	Direct

0			Regulation of kidney function.	and Talk	
1 1	1	1	Endocrine System: Brief outline of various endocrine glands and their secretions	Chalk and Talk	Direct
1 2	1	1	Dynamic balance and regulation of hormonal secretions. Classification	Chalk and Talk	Direct
1 3	1	1	hormones based on structure and site of production. Physiological role of hormones of hypothalamus,	Chalk and Talk	Direct
1 4	1	1	pituitary, adrenal, thyroid, pancreas and gonads. Regulation of their secretion.	Chalk and Talk	Direct
1 5	2	1	Enzyme kinetics of single substrate reactions:	Chalk and Talk	Direct
1 6	2	1	Michaelis-Menten equation, equilibrium constant–mono substrate reactions	Chalk and Talk	Direct
1 7	2	1	relationship between initial velocity and substrate concentration, Factors affecting the rate of chemical reactions	Chalk and Talk	Direct
1 8	2	1	enzyme concentration, substrate concentration- pH, temperature and metal ions	Chalk and Talk	Direct
1 9	2	1	Line weaver- Burk plot. Determination of Vmax & Km from L-B plot and their significance	Chalk and Talk	Direct
2 0	2	1	Kcat and turn over number.	Chalk and Talk	Direct
2 1	2	1	Reversible inhibition- competitive	Chalk and Talk	Direct
2 2	2	1	uncompetitive,	Chalk and Talk	Direct
2 3	2	1	non-competitive with graphical representations using L-B plots	Chalk and Talk	Direct
2 4	2	1	Evaluation of Km and Vmax in presence of inhibitor mixed and substrate.	Chalk and Talk	Direct
2 5	2	1	Evaluation of Km and Vmax in presence of inhibitor mixed and substrate.	Chalk and Talk	Direct
2 6	2	1	Irreversible inhibition- Suicide inhibition- antibiotics as inhibitors- penicillin.	Chalk and Talk	Direct
2 7	2	1	Discussion	Chalk and Talk	Direct
2 8	2	1	Discussion	Chalk and Talk	Direct

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Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb, BcBt**

Programme Code-**BSc**

Semester- VI Paper VII

Course Title- **METABOLISM WITH CLINICAL CORRELATION**

Course Code- **FSF490**

No. of Hours: 28

Name of the Faculty: **Dr. Manjunath M S**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discussion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Bioenergetics: Laws of Thermodynamics - first and second law .Concept of enthalpy, Entropy and free energy.	Chalk and Talk	Direct
2	1	1	Bioenergetics: Laws of Thermodynamics - first and second law .Concept of enthalpy, Entropy and free energy.	Chalk and Talk	Direct
3	1	1	Standard free energy. Endergonic and exergonic reactions	Chalk and Talk	Direct
4	1	1	Coupled reactions.	Chalk and Talk	Direct
5	1	1	High energy compounds – structural features of ATP and its free	Chalk and Talk	Direct
6	1	1	Energy change during hydrolysis, other high energy compounds	Chalk and Talk	Direct
7	1	1	Ultra structure of Mitochondrion	Chalk and Talk	Direct
8	1	1	electron transport chain.	Chalk and Talk	Direct
9	1	1	Electron transport complexes Complex I, II, III and IV.	Chalk and Talk	Direct
10	1	1	Uncouplers	Chalk and Talk	Direct

1 1	1	1	inhibitors of respiration (Rotenone, Antimycin, Cyanide and 2,4 DNP)	Chalk and Talk	Direct
1 2	1	1	Oxidative phosphorylation	Chalk and Talk	Direct
1 3	1	1	P/O ratio. Formation of ATP - Outline of Mitchell's hypothesis acids	Chalk and Talk	Direct
1 4	1	1	Substrate level phosphorylation with examples	Chalk and Talk	Direct
1 5	2	1	Metabolism of Lipids, Amino acids and Nucleic acids	Chalk and Talk	Direct
1 6	2	1	Carnitine cycle, β -oxidation and energetic of C16 saturated fatty acid	Chalk and Talk	Direct
1 7	2	1	Biosynthesis of saturated FA .Fatty Acid Synthase complex,	Chalk and Talk	Direct
1 8	2	1	Cholesterol Biosynthesis	Chalk and Talk	Direct
1 9	2	1	General mechanism of amino acid metabolism	Chalk and Talk	Direct
2 0	2	1	Deamination-oxidative and non - oxidative deamination	Chalk and Talk	Direct
2 1	2	1	transamination, decarboxylation	Chalk and Talk	Direct
2 2	2	1	(biologically important amines).glycogenic and ketogenic amino acids	Chalk and Talk	Direct
2 3	2	1	Urea cycle and its significance.	Chalk and Talk	Direct
2 4	2	1	Degradation of nucleic acids	Chalk and Talk	Direct
2 5	2	1	action of nucleases-DNase I and II, RNase	Chalk and Talk	Direct
2 6	2	1	phosphodiesterases. Catabolism of purines and pyrimidines.	Chalk and Talk	Direct
2 7	2	1	Salvage biosynthetic pathway of purine and pyrimidine nucleotides.	Chalk and Talk	Direct
2 8	2	1	Salvage biosynthetic pathway of purine and pyrimidine nucleotides.	Chalk and Talk	Direct

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Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb, BcBt**

Programme Code-**BSc**

Semester- VI Paper VII

Course Title- **METABOLISM WITH CLINICAL CORRELATION**

Course Code- **FSF490**

No. of Hours: 28

Name of the Faculty: **Dr. MADHURA D N**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Metabolism: Anabolism and catabolism,	Chalk and Talk	Direct
2	1	1	compartmentalization of metabolic pathways.	Chalk and Talk	Direct
3	1	1	Metabolism of Carbohydrates: Reactions and energetic of glycolysis	Chalk and Talk	Direct
4	1	1	entry of fructose , galactose mannose and lactose into glycolytic pathway	Chalk and Talk	Direct
5	1	1	entry of fructose , galactose, mannose and lactose into glycolytic pathway	Chalk and Talk	Direct
6	1	1	Fates of pyruvate - conversion of pyruvateto lactate, alcohol and acetyl CoA	Chalk and Talk	Direct
7	1	1	Fates of pyruvate - conversion of pyruvateto lactate, alcohol and acetyl CoA	Chalk and Talk	Direct
8	1	1	Cori's cycle. Reactions and energetics of TCA cycle,	Chalk and Talk	Direct
9	1	1	Cori's cycle. Reactions and energetics of TCA cycle,	Chalk and Talk	Direct
10	1	1	amphibolic and integrating roles of TCA cycle	Chalk and Talk	Direct
11	1	1	amphibolic and integrating roles of TCA cycle	Chalk and Talk	Direct
12	1	1	Anaplerotic reactions.	Chalk and Talk	Direct
13	1	1	Regulatory steps of glycolysis and TCA cycle, Gluconeogenesis.	Chalk and Talk	Direct
14	1	1	Pentose phosphate pathway and	Chalk and Talk	Direct

			its significance. Glycogen metabolism – glycogenolysis, glycogen synthesis		
15	2	1	CLINICAL BIOCHEMISTRY	Chalk and Talk	Direct
16	2	1	Normal composition of urine – Volume, pH, color and specific gravity	Chalk and Talk	Direct
17	2	1	Chemical analysis and normal values of the constituents-urea, uric acid, creatinine,	Chalk and Talk	Direct
18	2	1	pigment and their clinical significance.	Chalk and Talk	Direct
19	2	1	Abnormal constituents of urine- glucose, albumin, ketone bodies and bile pigments and their pathological significance	Chalk and Talk	Direct
20	2	1	Blood: Normal constituents of blood and their variation in pathological conditions- urea, uric acid, creatinine	Chalk and Talk	Direct
21	2	1	glucose, bilirubin, total protein, albumin/globulin ratio.	Chalk and Talk	Direct
22	2	1	Lipid profile -cholesterol, Triglycerides, lipoproteins-HDL and LDL.	Chalk and Talk	Direct
23	2	1	Clinical ENZYMOLOGY: Alkaline phosphatase, SGOT and SGPT. CPK and LDH	Chalk and Talk	Direct
24	2	1	Liver diseases: Cirrhosis, hepatitis,	Chalk and Talk	Direct
25	2	1	fatty liver and Jaundice	Chalk and Talk	Direct
26	2	1	Inborn errors of Metabolism: Phenyl ketonuria	Chalk and Talk	Direct
27	2	1	alkpatonuria, albinism.Lesch	Chalk and Talk	Direct
28	2	1	Nyhansyndrome, Neimann -pick disease.	Chalk and Talk	Direct

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JSS College of Arts, Commerce and Science (Autonomous)
Ooty Road, Mysuru - 570025

Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb, BcBt**

Programme Code-**BSc**

Semester- VI Paper VIII

Course Title- **MOLECULAR BIOLOGY, IMMUNOLOGY AND GENETIC ENGINEERING**

Course Code- **FSF492**

No. of Hours: 28

Name of the Faculty: **Dr. Manjunath M S**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	DNA Replication and Mutation	Chalk and Talk	Direct
2	1	1	History: Identification of DNA as genetic material- Experiments of Griffith, Hershey and Chase	Chalk and Talk	Direct
3	1	1	Watson and Crick model of DNA. Central dogma of molecular biology and its modification	Chalk and Talk	Direct
4	1	1	Replication: Types of replication - Conservative	Chalk and Talk	Direct
5	1	1	semi conservative and dispersive: Evidence	Chalk and Talk	Direct
6	1	1	For semi conservative replication- Messelson and Stahl experiment	Chalk and Talk	Direct
7	1	1	Mechanism of semi conservative replication- Steps involved in replication	Chalk and Talk	Direct
8	1	1	Enzymes and proteins involved in replication	Chalk and Talk	Direct
9	1	1	Mutation: Concept of mutation	Chalk and Talk	Direct
10	1	1	Mutagens – chemical and physical	Chalk and Talk	Direct
11	1	1	Molecular basis of mutation: spontaneous and induced mutations	Chalk and Talk	Direct
12	1	1	effect of HNO ₂ , alkylating agents	Chalk and Talk	Direct
13	1	1	intercalating agents and UV-radiation.	Chalk and Talk	Direct
14	1	1	Point mutations: Concept of missense, nonsense and frame shift mutations	Chalk and Talk	Direct

15	2	1	Transcription, Genetic code, Translation and Regulation of gene expression	Chalk and Talk	Direct
16	2	1	Transcription: Types of RNA, RNA polymerases, promoters, enhancers ,silencers	Chalk and Talk	Direct
17	2	1	role of sigma factor, Structure of mRNA in prokaryotes, Mechanism- initiation, elongation and termination(Rho-dependent and independent)	Chalk and Talk	Direct
18	2	1	post transcriptional processing: capping, splicing and polyadenylation.	Chalk and Talk	Direct
19	2	1	Genetic code: characteristics of genetic code, wobble hypothesis.	Chalk and Talk	Direct
20	2	1	Translation: Mechanism of translation - amino acid activation, charging of tRNA	Chalk and Talk	Direct
21	2	1	initiation, elongation, and termination; Post-translational modification; Inhibition of protein synthesis by antibiotics.	Chalk and Talk	Direct
22	2	1	Regulation of Gene expression	Chalk and Talk	Direct
23	2	1	General aspects of regulation, transcriptional regulation- inducible and repressible system	Chalk and Talk	Direct
24	2	1	Degradation of nucleic acids	Chalk and Talk	Direct
25	2	1	Operon concepts - lactose , tryptophan operons	Chalk and Talk	Direct
26	2	1	Regulation of translation	Chalk and Talk	Direct
27	2	1	Brief account of Eukaryotic gene expression.	Chalk and Talk	Direct
28	2	1	Discussion	Chalk and Talk	Direct

JSS Mahavidyapeetha
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Lesson Plan/Session Plan 2023-24

Programme-**BSc-BcMb, BcBt**

Programme Code-**BSc**

Semester- VI Paper VIII

Course Title- **MOLECULAR BIOLOGY, IMMUNOLOGY AND GENETIC ENGINEERING**

Course Code- **FSF492**

No. of Hours: 28

Name of the Faculty: **Madhura D N**

Sl. No.	Unit	Credit Hours	Topic of the Unit	Teaching Methodologies (Chalk& Talk / ICT / Field Trips / PBL / Case Studies / Group Discusion)	Assessment Methodologies (Direct / Indirect / Viva / Written / Project / Any Other)
1	1	1	Immunity: Cellular and humoral immunity, cellular basis of immunity	Chalk and Talk	Direct
2	1	1	Role of immunologically important organs and cells- bone marrow	Chalk and Talk	Direct
3	1	1	thymus, spleen and lymphocytes. Formation and functions of T & B Lymphocytes and macrophages	Chalk and Talk	Direct
4	1	1	Formation and functions of T & B Lymphocytes and macrophages	Chalk and Talk	Direct
5	1	1	Helper T-cells and killer T-cells.	Chalk and Talk	Direct
6	1	1	Antigens: Definition, Haptens, Epitopes, antigens and antigenicity	Chalk and Talk	Direct
7	1	1	Antibodies: Definition, types and their functions	Chalk and Talk	Direct
8	1	1	Structure of a typical Immunoglobulin	Chalk and Talk	Direct
9	1	1	(IgG - Light chain, heavy chain, hyper- variable region, constant domains, Fab and Fc regions).	Chalk and Talk	Direct
10	1	1	Immunization: Vaccination - Vaccines and their preparations	Chalk and Talk	Direct
11	1	1	primary and secondary response	Chalk and Talk	Direct
12	1	1	Immunological disorders: Allergy (hyper sensitivity reactions)	Chalk and Talk	Direct
13	1	1	AIDS	Chalk and Talk	Direct
14	1	1	Immunological techniques:	Chalk and Talk	Direct

			Precipitation reaction, Immuno diffusion, RIA & ELISA		
15	2	1	GENETIC ENGINEERING	Chalk and Talk	Direct
16	2	1	Historical development, Aim and scope of genetic engineering	Chalk and Talk	Direct
17	2	1	Isolation of DNA, Cutting of DNA by restriction endonucleases – staggered cut and blunt end	Chalk and Talk	Direct
18	2	1	Outline of techniques of genetic engineering: Cutting genomic DNA,	Chalk and Talk	Direct
19	2	1	Separation of fragments by agarose gel electrophoresis	Chalk and Talk	Direct
20	2	1	Vectors, plasmids- PBR 322, insertion of foreign DNA into Vectors	Chalk and Talk	Direct
21	2	1	initiation, elongation, and termination; Post-translational modification; Inhibition of protein synthesis by antibiotics.	Chalk and Talk	Direct
22	2	1	Transfections of vectors into host cells. cDNA (brief discussion),	Chalk and Talk	Direct
23	2	1	principles of polymerase chain reaction (PCR) and applications.	Chalk and Talk	Direct
24	2	1	principles of polymerase chain reaction (PCR) and applications	Chalk and Talk	Direct
25	2	1	Applications of Genetic engineering. Transgenic plants,.	Chalk and Talk	Direct
26	2	1	transgenic animals and gene therapy	Chalk and Talk	Direct
27	2	1	Human genome project.	Chalk and Talk	Direct
28	2	1	Discussion	Chalk and Talk	Direct

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE, OOTY ROAD, MYSURU

Lesson plan/Session plan 2023-24 (NEP)

Name : J S Vidya

Programme : B Sc Chemistry

Semester : IV Sem

Course Title : Chemistry-4

Course code : FSD420

BSc -PC

Sl No	Unit	Credit hours	Topic	No of lectures	Teaching methodology	Assesment details
1	Thermodynamics	10	Introduction, system, surroundings, types of systems. Thermodynamic Processes (isothermal, adiabatic, isochoric, isobaric and cyclic),	1	Chalk & talk	Written
2		10), Nature of Heat and Work, Internal Energy, First Law of Thermodynamics	1	Chalk & talk	Written
3		10	Workdone in isothermal and adiabatic expansion of an ideal gas, Numerical problems,	1	Chalk & talk	Written
4			Numerical problems,	1	Chalk & talk	Written
5		10	Second law of Thermodynamics: Limitations of first law of thermodynamics. Reversible and Irreversible Processes,	1	Chalk & talk	Written
6		10	Thomson Expansion, Relation between Joule-Thomson coefficient and other thermodynamic parameters.	1	Chalk & talk	Written
7			Thermodynamic parameters.	1	Chalk & talk	Written
8		10	Second law of Thermodynamics: Limitations of first law of thermodynamics. Reversible and Irreversible Processes,	1	Chalk & talk	Written
9		10	: Limitations of first law of thermodynamics. Reversible and Irreversible Processes,,	1	Chalk & talk	Written
10			Numerical problems	1	Chalk & talk	Written
			I TEST			
11	Surface Chemistry Adsorption	5	Introduction, types of adsorptions with examples. Types of adsorption isotherms	1	Chalk & talk	Written

12		5	Freundlich adsorption isotherm (only its limitations), Langmuir adsorption isotherm, BET equation	1	Chalk & talk	Written
13		5	Types of Catalysis (positive, negative, auto and induced), characteristics of catalysis, and theories with examples	1	Chalk & talk	Written
14		5	(intermediate compound theory and adsorption theory), Theory of acid base catalysis	1	Chalk & talk	Written
15		5	Types of Catalysis (positive, negative, auto and induced), characteristics of catalysis, and theories with examples	1	Chalk & talk	Written
			II Test			

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE, OOTY ROAD, MYSURU

Lesson plan/Session plan 2023-24 (NEP)

Name : J S Vidya

Programme : B Sc Chemistry

Semester : III Sem

Course Title : Chemistry-4

Course code : FSC420

BSc –PC

Sl No	Unit	Credit hours	Topic	No of lectures	Teaching methodology	Assesment details
1	Thermodynamics	7	Chemical Kinetics: Introduction, rate of reaction, order and molecularity with examples. Rate constant- definition and explanation	1	Chalk & talk	Written
2		7	Differential and integrated form of rate expressions up to second order reactions, Derivation of expression of rate constant of second order reaction ($a=b$)	1	Chalk & talk	Written
3		7	Derivation of expression of rate constant of second order reaction ($a \neq b$)	1	Chalk & talk	Written
4		7	Arrhenius equation, activation energy, Numerical problems on Arrhenius equation in calculating energy of activation and rate constants	1	Chalk & talk	Written
5		7	Collision theory of reaction rates, Lindemann's mechanism	1	Chalk & talk	Written
6		7	Collision theory of reaction rates, Lindemann's mechanism	1	Chalk & talk	Written
7		7	Collision theory of reaction rates, Lindemann's mechanism	1	Chalk & talk	Written
8		7	Spectrophotometric method for the reaction between potassium persulphate and potassium iodide	1	Chalk & talk	Written
			I TEST	LAST WEEK		
9		7	Electrochemistry – I: Introduction, strong and weak electrolytes, definition with examples. Arrhenius theory of electrolytic dissociation	1	Chalk & talk	Written
10		7	Merits and Demerits, Conductance, Specific conductance, equivalent and molar conductivity	1	Chalk & talk	Written
11		7	Variation with dilution.	1	Chalk & talk	Written

			Molar conductivity at infinite dilution. Numerical problems.			
12		7	Kohlrausch's law of independent migration of ions and its applications	1	Chalk & talk	Written
13		7	Debye-Hückel- Onsager equation. Ionic mobilities and their determinations.	1	Chalk & talk	Written
14		7	Transference numbers and their relation to ionic mobility's, determination of transference numbers using Hittorf and Moving Boundary methods.	1	Chalk & talk	Written
15		7	Applications of conductance measurements	1	Chalk & talk	Written
			II Test			

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE, OOTY ROAD, MYSURU

Lesson plan/Session plan 2023-24 (NEP)

Name : J S Vidya
 Programme : B Sc Chemistry
 Semester : III Sem
 Course Title : Chemistry-3
 Course code : FSC420
 BSc -NS

Sl No	Unit	Credit hours	Topic	No of lectures	Teaching methodology	Assesment details
1	Chemical kinetics	7	Chemical Kinetics: Introduction, rate of reaction, order and molecularity with examples. Rate constant- definition and explanation	1	Chalk & talk	Written
2		7	Differential and integrated form of rate expressions up to second order reactions, Derivation of expression of rate constant of second order reaction ($a=b$)	1	Chalk & talk	Written
3		7	Derivation of expression of rate constant of second order reaction ($a \neq b$)	1	Chalk & talk	Written
4		7	Arrhenius equation, activation energy, Numerical problems on Arrhenius equation in calculating energy of activation and rate constants	1	Chalk & talk	Written
5		7	Collision theory of reaction rates, Lindemann's mechanism	1	Chalk & talk	Written
6		7	Collision theory of reaction rates, Lindemann's mechanism	1	Chalk & talk	Written
7		7	Spectrophotometric method for the reaction between potassium persulphate and potassium iodide	1	Chalk & talk	Written
I TEST				LAST WEEK		
8	Electrochemistry	7	Electrochemistry - I: Introduction, strong and weak electrolytes, definition with examples. Arrhenius theory of electrolytic dissociation	1	Chalk & talk	Written
9		7	Merits and Demerits, Conductance, Specific conductance, equivalent and molar conductivity	1	Chalk & talk	Written
10		7	Variation with dilution. Molar conductivity at infinite dilution. Numerical problems.	1	Chalk & talk	Written

11		7	Kohlrausch's law of independent migration of ions and its applications		Chalk & talk	Written
12		7	Debye-Hückel- Onsager equation. Ionic mobilities and their determinations.		Chalk & talk	Written
13		7	Transference numbers and their relation to ionic mobility's. determination of transference numbers using Hittorf and Moving Boundary methods.		Chalk & talk	Written
14			Determination of transport number by Moving Boundary methods.			Written
15		7	Applications of conductance measurement	1	Chalk & talk	Written
			II TEST		LAST WEEK	