JSS MAHAVIDYAPEETHA

JSS COLLEGE OF ARTS, COMMERCE AND SCIENCE
(An Autonomous College under University of Mysore)
Re-accredited by NAAC with 'A' grade
Recognized by UGC as "College with Potential for Excellence"

REGULATIONS OF CURRICULUM FOR FOUR YEARS MULTIDISCIPLINARY UNDERGRADUATE PROGRAMMES WITH MULTIPLE EXIT OPTIONS WITH EFFECT FROM 2021-22

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Preamble:

Education plays a significant role in building a nation. Our present education system is churning out youth who have to compete locally, regionally, nationally as well as globally. The 21st Century has opened up many new challenges in the field of Higher Education. The present alarming situation necessitates transformation and/or redesigning of the system, not only by introducing innovations but developing a "learner-centric" approach. Thus, there is a need to allow flexibility in the education system, so that students depending upon their interests can choose inter-disciplinary, intra-disciplinary and skill-based courses. The aim of higher education is to develop good, well rounded and creative individuals. It has to enable an individual to study one or more specialized areas of interest at a deeper level, while at the same time building character, ethical and constitutional values, intellectual curiosity, spirit of service and capabilities across disciplines including sciences, social sciences, arts, humanities as well as professional, technical and vocational crafts. At the society level higher education must enable development of an enlightened, socially conscious, knowledgeable and skilled nation that can uplift its people and construct and implement solutions to its own problems. It is also to bridge the increasing gap between an undergraduate degree and employability.

The New Education Policy (2019) initiated and developed by the Ministry of Human Resource Development (HRD), Govt. of India has brought several reforms in Indian education which also includes broad based multidisciplinary Undergraduate Education with 21st Century skills while developing specialized knowledge with disciplinary rigor. It is to bring equity, efficiency and academic excellence in National Higher Education System. The important ones include innovation and improvement in course-curricula, introduction of paradigm shift in learning and teaching pedagogy, evaluation and education system.

The National Education Policy has recommended a Multi-disciplinary Undergraduate Program with multiple exit and entry options with certificate/Diploma/degrees at each of the exits. A nationwide ecosystem of vibrant multi-disciplinary graded higher educational institutions are to be developed. In this context, a liberal approach has to be the basis of undergraduate education in all fields and disciplines at the undergraduate level, including professional education. Undergraduate curriculum needs to be focused on creativity and innovation, critical thinking and higher order thinking capacities, problem solving abilities,

team work, communication skills, more in-depth learning and mastery of curricula across fields.

The proposed Four-year Multidisciplinary Undergraduate program is a fundamental transformation to the current undergraduate education which replaces the conventional undergraduate programmes. Outcome Based Education (OBE) practices will be used to design curriculum. The programmes designed shall empower graduates as expert problem solvers using their disciplinary knowledge and collaborating in multi-disciplinary teams.

JSS College of Arts, Commerce & Science (Autonomous), B N Road, Mysuru, Re-accredited by NAAC with "A" Grade, inspired by its recognition as an Institution of "College with Potential for Excellence" by UGC, aims to bring about radical changes in the curriculum, teaching and evaluation. The vision of the College is to groom the finest breed of citizens equipped with knowledge and talent to serve the society. The College aspires to march forward to achieve benchmark of our academic practices against world class standards.

1. Title and Commencement

These Regulations shall be called the regulations for Four Years Multidisciplinary Undergraduate Honors Programme with Multiple Exit Options of two major disciplines along with languages, generic electives, ability enhancement, skill development and vocational courses, including the extracurricular activities of JSS College of Arts, Commerce & Science (Autonomous), Ooty Road, Mysuru-25. These Regulations shall come into force from the academic year 2021-2022.

2. Programmes Offered

2.1. Four Years Multidisciplinary Undergraduate Honours Programme in Arts *(eight semesters)*:

1. History and Political Science (KM)
2. Economics and Geography (KM)
3. Kannada and Geography (KM)
4. Journalism and Political Science (EM)
5. History and English (EM)
6. Journalism and English (EM)
7. History and Tourism & Hospitality Management (EM)

2.2. Four Years Multidisciplinary Undergraduate Honours Programme in Science *(eight semesters)***:**

1. Physics and Chemistry
2. Physics and Mathematics
3. Physics and Electronics
4. Physics and Computer Science
5. Computer Science and Mathematics
6. Chemistry and Mathematics
7. Chemistry and Botany
8. Chemistry and Zoology
9. Botany and Zoology
10. Chemistry and Biotechnology
11. Biotechnology and Biochemistry
12. Microbiology and Biotechnology
13. Microbiology and Biochemistry
14. Biotechnology and Zoology

2.3 Four Years Multidisciplinary Undergraduate Honours Programme in Computer Applications *(eight semesters)* **– UOM pattern**

2.4 Four Years Multidisciplinary Undergraduate Honours Programme in Commerce *(eight semesters)* **– UOM pattern**

2.5 Four Years Multidisciplinary Undergraduate Honours Programme in Business Administration *(eight semesters)* **– UOM pattern**

2.6 Four Years Multidisciplinary Undergraduate Honours Programme in Food Processing and Engineering *(eight semesters)*

2.7 Four Years Multidisciplinary Undergraduate Honours Programme in Software Development *(eight semesters)*

2.8 Four Years Multidisciplinary Undergraduate Honours Programme in Animation and Multimedia *(eight semesters)*

3. Programme Structures

3.1 The undergraduate degree should be of either a three- or four-year duration, with multiple entry and exit options within this period. The four-year programme may also lead to a degree with Research, if the student completes a rigorous research project in the major area(s) of study.

3.2 All the four year UG degree programmes shall be of eight semester's duration unless specified otherwise. The students can exit after the completion of one academic year (Two semesters) with the Certificate in a discipline or a field; Diploma after the study of Two academic years (Four Semesters) and Regular Bachelor Degree after the completion of Three academic years (Six Semesters). The successful completion of Four Years undergraduate Programme would lead to Bachelor Degrees with Honours in a discipline/subject. The credit requirements are as follows.

Exit with	Minimum Credits Requirement*	NSQF Level
Certificate at the Successful Completion of First Year (Two Semesters) of Four Years Multidisciplinary UG Degree Programme	48	5
A Diploma at the Successful Completion of the Second Year (Four Semesters) of Four Years Multidisciplinary UG Degree Programme	96	6
Basic Bachelor Degree at the Successful Completion of the ThirdYear (Six Semesters) of Four Years Multidisciplinary Undergraduate Degree Programme	140	7
Bachelor Degree with Honours in a **Discipline** at the Successful Completion of the Four Years (Eight Semesters) Multidisciplinary Undergraduate Degree Programme	180	8

*Details of credits are given in Annexure

3.3 Program structure: Each programme may have desired number of courses.

a) Every course offered may have three components: Lecture (L), Tutorial (T) and Practical (P). Tutorial session consists of participatory discussion/ self-study/ desk work/ brief seminar presentations by students and such others novel methods.

b) The Credit pattern for a course (L:T:P) shall be decided by the respective Board of Studies (BoS)

c) Credit means the unit by which the course is measured. One hour Session of Lecture or Tutorial per week for 16 weeks amounts to 1 credit. Two hours session of practical per week

for 16 weeks amounts to 1 credit per semester. The total duration of a semester is 20 weeks inclusive of semester end examination.

d) A course of 2 credits, 4 credits and 6 credits will be evaluated for 50 marks, 100 marks and 150 marks respectively. For any other approved course, the evaluation method shall be decided by the respective BoS.

e) A Project work/ Dissertation of 6 credits is termed as Minor Project and will be evaluated for 150 marks. Project guidance of 2/ 4 hours for a group of 20 students may be treated as direct teaching hours in the credit pattern of 0: 0: X/ 0 : X: X as recommended by the BoS with the approval of Academic Council.

4. National Skills Qualifications Framework:

The National Skills Qualifications Framework (NSQF) is a competency-based framework that organizes qualifications according to a series of knowledge, skills and aptitude. The NSQF levels, graded from one to ten, are defined in terms of learning outcomes which the learner must possess regardless of whether they are obtained through formal, non-formal or informal learning. National Occupational Standards (NOS) are statements of the skills, knowledge and understanding needed for effective performance in a job role and are expressed as outcomes of competent performance. They list down what an individual performing that task should know and also are able to do. These standards can form the benchmarks for various education and training programs to match with the job requirements. Just as each job role may require the performance of a number of tasks, the combination of NOSs corresponding to these tasks form the Qualification Pack (QP) for that job role. The NOSs and QPs for each job role corresponding to each level of the NSQF are being formulated by the respective Sector Skill Councils (SSCs) set up by National Skill Development Corporation (NSDC) with industry leadership. The curriculum which is based on NOSs and QPs would thus automatically comply with NSQF.

General Education has to be synchronized/ aligned with skill and Vocational Education as per National Skills Qualifications Framework. The level descriptors are given below as described in UGC Guidelines on National Skills Qualifications Framework. The curriculum should be designed in a manner that at the end of year-1, year-2 and year-3, students are able to meet below mentioned level descriptors for level 5, 6 and 7 of NSQF, respectively which are as given below:

Levels	Process required	Professional knowledge	Professional skill	Core skill	Responsibility
Level 5	Job that requires well developed skill, with clear choice of procedures in familiar context	Knowledge of facts, principles, processes and general concepts, in a field of work or study	A range of cognitive and practical skills required to accomplish tasks and solve problems by selecting and applying basic methods, tools materials and information	Desired mathematical skill, understanding of social, political and some skill of collecting and organizing information, communication	Responsibility for own work and learning & some responsibility for other's works and learning
Level 6	Demands wide range of specialized technical skill, clarity of knowledge and practice in broad range of activity involving standard / non-standard practices	Factual and Theoretical knowledge in broad contexts within a field of work or study	A range of cognitive and practical skills required to generate solutions to specific problems in a field of work or study	Reasonably good in Mathematical calculation, Understanding of social, political and, reasonably good in data collecting organizing information, and logical communication	Responsibility for own work and learning and full Responsibility for other's works and learning
Level 7	Requires a command of wide ranging specialized theoretical and practical skill, involving variable routine and non-routine context	Wide ranging, factual and theoretical knowledge in broad contexts within a field of work or study	Wide range of cognitive and practical skills required to generate solutions to specific problems in a field of work or study	Good logical and mathematical skill; understanding of Social, political and natural environment; ability in collecting and organizing information, communication and presentation skill	Full responsibility for output of group and development

Professional knowledge is what a learner should know and understand with reference to the subject;

Professional skills are what a learner should be able to do and; **Core skills** refer to basic skills involving dexterity and use of methods, materials, tools and instruments used to perform the job including IT skills needed for that job and **Responsibility aspect** determines the (i) nature of working relationship, (ii) level of responsibility for self and others, (iii) managing change and (iv) accountability for actions.

The progressive curriculum proposed shall position knowledge and skills required on the continuum of novice problem solvers (at entry level of the program) to expert problem solvers (by the time of graduation):

At the end of first year – Ability to solve well defined problems

At the end of second year – Ability to solve broadly defined problems

At the end of third year – Ability to solve complex problems that are ill-structured requiring multi-disciplinary skills to solve them

During fourth year – Experience of workplace problem solving in the form of internship or Research Experience preparing for higher education or Entrepreneurship Experience

It is optional to the candidate to exit or not, after two, four and six semesters of the undergraduate programme with Certificate, Diploma and with Regular Bachelor Degree, respectively. He/ she will be eligible to rejoin the programme at the exit level to complete either the diploma, degree or the honours degree. Further, all the candidates will be awarded Bachelor degrees on successful completion of Three academic years (Six Semesters) of the undergraduate programmes.

A student will be allowed to enter/ re-enter only at the Odd Semester and can only exit after the Even Semester. Re-entry at various levels as lateral entrants in academic programmes should be based on the earned credits and proficiency test records.

5. Academic Bank of Credits (ABC):

The Academic Bank of Credits (ABC), a national-level facility will promote the flexibility of the curriculum framework and interdisciplinary/ multidisciplinary academic mobility of students across the Higher Education Institutions (HEIs) in the country with appropriate "credit transfer" mechanism. It is a mechanism to facilitate the students to choose their own learning path to attain a Degree/ Diploma/ Certificate, working on the principle of multiple entry and exit as well as anytime, anywhere, and any level of learning. ABC will enable the integration of multiple disciplines of higher learning leading to the desired learning outcomes including increased creativity, innovation, higher order thinking skills and critical analysis. ABC will provide significant autonomy to the students by providing an extensive choice of courses for a program of study, flexibility in curriculum, novel and engaging course options across a number of higher education disciplines/ institutions.

The multiple entry and exit options for students is facilitated at the Undergraduate and Master's levels. It would facilitate credit accumulation through the facility created by the ABC scheme in the "Academic Bank Account" opened for students across the country to transfer and

consolidate the credits earned by them by undergoing courses in any of the eligible HEIs. The ABC allows for credit redemption through the process of commuting the accrued credits in the Academic Bank Account maintained in the ABC for the purpose of fulfilling the credits requirements for the award of certificate/ diploma/ degree by the authorized HEIs. Upon collecting a certificate, diploma or degree, all the credits earned till then, in respect of that certificate, diploma or degree, shall stand debited and deleted from the account concerned. HEIs offering programmes with the multiple entry and exit system need to register in the ABC to enable acceptance of multidisciplinary courses, credit transfer, and credit acceptance.

The validity of credits earned will be for a maximum period of seven years or as specified by the Academic Bank of Credits (ABC). The procedure for depositing credits earned, its shelf life, redemption of credits, would be as per UGC (Establishment and Operationalization of ABC scheme in Higher Education) Regulations, 2021.

5.1 Monitoring, Support and Quality Assurance by the Autonomous College and ABC:

(1) It shall be the responsibility of Registered Higher Education Institutions, to monitor the development and operationalization of the ABC program at the level of University affiliated autonomous colleges.

(2) Registered Higher Education Institutions shall offer teacher or staff training, mentoring, academic and administrative audit and other measures for improving the quality of performance of the ABC facility and promotion of holistic/ multidisciplinary education with the support of ABC, which may be in the form of Faculty Development Programs or Quality Improvement Programs or Professional Development Programs or Technology Inculcation Programs.

(3) The Quality assurance of the implementation of ABC at the level of the registered autonomous college shall be developed by the autonomous college either through the Internal Quality Assurance Cell (IQAC) or any other appropriate structured mechanism as may be decided by the Registered Higher Education Institution.

(4) Every Registered Higher Education shall upload, annually, on its website, a report of its activities vis a vis the Academic Bank of Credits, as well as of measures taken by it for Quality assurance, Quality sustenance and Quality enhancement.

(5) There shall be an Academic Bank of Credits-Grievance Redressal Mechanism at the level of Higher Education Institution registered with Academic Bank of Credits to address the grievance/ appeals of students.

The College with the approval of the competent authority may adopt SWAYAM Courses for the benefit of the students. A student will have the option to earn credit by completing quality-assured MOOC programs offered on the SWAYAM portal or any other online educational platform approved by the UGC/ the regulatory body from time to time.

6. Curriculum Structure:

The Components of Curriculum for Four Years Multidisciplinary Undergraduate Programme: The Category of Courses and their Descriptions are given in the following Table.

Ability Enhancement Courses:

Ability Enhancement (AE) Courses can be divided into two categories:

- **AE Compulsory Courses (AEC)**: There shall be one paper each at least in the 1st two semesters viz. (i) Environmental Studies and (ii) Constitution of India. In addition to these two languages shall be studied in the first four semesters of the Undergraduate Programmes

- **Skill Enhancement Courses (SEC)**: These are offered from a common pool of courses listed by KSHEC/ National Regulatory Bodies such as UGC or GEC/ NHERC or the affiliated universities.

- **Co-curricular and Extension Activities**: A student shall opt for two of the following activities offered in the college, in each of the first six semesters of the undergraduate programmes. The activity carries a credit each for each of the activities and will be internally assessed for 50 marks.

- Physical Education or Activities related to Yoga/ Sports and Games

- N.S.S./ N.C.C/ Ranger and Rovers/ Red Cross

- Field studies/ Industry Implant Training

- Involvement in campus publication or other publications

- Publication of articles in news papers, magazines

- Community work such as promotion of values of National Integration, Environment, Human rights and duties, Peace, Civic sense etc.

- A Small project work concerning the achievements of India in different fields

- Evolution of study groups/seminar circles on Indian thoughts and ideas

- Activity exploring different aspects of Indian civilizations

- Involvement in popularization programmes such as scientific temper

- Innovative compositions and creations in music, performing and visual arts etc.

- Any other activities such as Cultural Activities as prescribed by the University.

Evaluation of Co-curricular and Extension Activities shall be as per the procedure evolved by the University/ College from time to time.

Major DisciplineCore Courses (DSC)	A Major discipline is the field in which a student focuses during the course of his/her degree. A course in a discipline, which a candidate should compulsorily study as a core requirement is termed as a Core course. The core courses aim to cover the basics that a student is expected to imbibe in that particular discipline. They provide fundamental knowledge and expertise to produce competent, creative graduates with a strong scientific, technical and academic acumen.
Major DisciplineElective Courses (DSE)	Elective Course is a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/subject of study or which provides an extended scope or enables an exposure to some other discipline/ subject/domain or which nurtures the candidate's proficiency/skill. Elective courses offered under the main discipline are referred to as Discipline Specific Electives. These courses provide more depth within the discipline itself or within a component of the discipline and provide advanced knowledge and expertise in an area of the discipline.
Minor Discipline Courses	A Minor Discipline is a secondary specialization that one may choose to pursue in addition to a Major Discipline. They may be related areas of studies or two distinct areas of studies which are not interrelated at all.
Open or Generic Elective Courses	Open or Generic Elective Courses are courses chosen from an unrelated discipline/ subject, with an intention to seek exposure beyond discipline/s of choice. The purpose of these is to offer the students the option to explore disciplines of interest beyond the choices they make in core and discipline specific elective courses. Note: A core course offered in a discipline/subject may be treated as an elective by other discipline/subject and vice

	versa and such electives may also be referred to as Open or Generic Electives.
Languages*	Languages provide the medium of fresh and free thinking, expression and clarity in thought and speech. It forms as a foundation for learning other courses. Helps fluent communication. In addition to English, a candidate shall opt for any of the languages studied at the Pre- University or equivalent level.
Ability Enhancement Courses (AEC)	Ability enhancement courses are the generic skill courses which are basic and needed for all to pursue any career. These courses ensure progression across careers. They enable students to develop a deeper sense of commitment to oneself and to the society and nation largely.
Skill Enhancement/ Development Courses / Vocational courses	Skill Enhancement courses are to promote skills pertaining to a particular field of study. The purpose of these courses is to provide students life-skills in hands-on mode so as to increase their employability/ Self-employment. The objective is to integrate discipline related skills in a holistic manner with general education. These courses may be chosen from a pool of courses designed to provide value-based and/or skill-based knowledge.
Sports, Cultural and Extension Activities	These activities help in character building, spiritual growth, physical growth, etc. They facilitate development of various domains of mind and personality such as intellectual, emotional, social, moral and aesthetic developments. Creativity, Enthusiasm, and Positive thinking are some of the facets of personality development and the outcomes of these activities
Project work/ Dissertation/ Internship/ Entrepreneurship	Project work is considered as a special course involving application of knowledge in solving / analyzing/ exploring a real life situation/ difficult problem/ data analysis. Project Work has the intention to provide research competencies at undergraduate level. It enables to acquire special/ advanced knowledge through support study/a project work. Candidates

	shall carry out project work on his/her own with an advisory support by a faculty member to produce a dissertation/ project report. Internship/ Entrepreneurship shall be an integral part of the Curriculum

*Note:

- A candidate shall study other than English, any ONE of the languages viz., Special English, Kannada, Hindi, Sanskrit, Urdu, Telugu, Malayalam, Persian, Arabic France, German, and Russian.

- Out of the two languages selected, one of the languages shall be an Indian Language. However, in case of foreign nationals, the requirement of an Indian language may be waived by the College.

- Indian Language means any one of the language mentioned in VIII Schedule of the Constitution.

- The College may permit private study of a language by a student, if there is no provision for instruction in that subject in a college and allow the student to appear for the examination in the subject without insisting on attendance. Such candidate will not be evaluated for any IA marks. However, for the final grade calculation 70 marks is equated to 100 marks.

- Deaf and Dumb, Spastic, Mentally Retarded and Learning deficiency students shall study only one language.

- Change of language will not be permitted during the period of the program.

- Speech/ hearing/ visually impaired/ mentally challenged and study disabled students are exempted from studying one of the languages prescribed above.

7. Definitions:

7.1 **Academic Year** means two consecutive (one odd plus one even) semesters constitute one academic year

7.2 **Choice Based Credit System (CBCS)** means provision for students to select courses from the prescribed courses (core, discipline elective, open elective, ability and skill enhancement, language, soft skill, etc. courses)

7.3 **Course** usually refers to as 'papers' is a component of a programme. All courses need not carry the same weight. The courses should define both learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory

work/ field work/ project work/ vocational training/ viva/ seminars/ term papers / assignments /presentations/ self-study etc. or a combination of some of these.

7.4 **Credit** A unit by which the course work is measured. It determines the number of hours of instructions required per week in a semester. One credit is equivalent to one hour of lecture or tutorial or two hours of practical work/field work per week in a semester. It will be generally equivalent to 13-15 hours of instructions.

7.5 **Fee** means the fee prescribed by the Autonomous College for the four year UG programmes from time to time.

7.6 **Grade Point** is the numerical weight allotted to each letter grade on a 10-point scale.

7.7 **Credit Point** is the product of grade point and number of credits for a course.

7.8 **Letter Grade** is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

7.9 **Programme** is the one leading to award of a Degree, diploma or certificate.

7.10 **Semester** is the duration of 16 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be generally scheduled from June to November and even semester from January to May.

7.11 **Semester Grade Point Average (SGPA)** is a measure of performance of work done in a semester. It is the ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.

7.12 **Cumulative Grade Point Average (CGPA)** is a measure of overall cumulative performance of a student over all the semesters of a programme. The CGPA is the ratio of total credit points secured by a student in various courses in all the semesters and sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.

7.13 **Student** means a candidate admitted to four year UG programmes with multiple exit options under these Regulations.

7.14 **Transcript or Grade Card or Certificate** is based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured, etc.).

8. Eligibility for admission:

a. **Four year UG programme in Arts, Commerce, Science and Vocational Programmes – B.A. (Honors), B.Com. (Honors), B.B.A. (Honors), B.Sc. (Honors), B.C.A. (Honors), B.Voc. (Honors)**

A candidate who has passed the two years Pre-University examination conducted by the Pre-university Board of Education, Government of Karnataka or any other examination considered equivalent by the University is eligible for admission to the first Semester of the four year UG program.

For B.Sc. (Honors) program only those students have completed PUC or its equivalent examination with science subjects are eligible.

i. A Candidate who has passed 3 Years Diploma in Commercial or Secretarial Practice conducted by Department of Technical Education, Government of Karnataka is eligible for admission to 3rd semester four year UG programme in Commerce/ Business Administration directly. However, such a candidate has to pass the languages and other compulsory papers.

ii. A Candidate who has passed 2 years Diploma in Business Administration conducted by Department of Technical Education, Government of Karnataka is eligible for admission to 5th semester four year UG programme in Commerce/ Business Administration course subject to the condition that the candidate has to pass papers in languages and compulsory papers of first Four semesters four year UG programme in Commerce/ Business Administration.

iii. A Candidate who has passed Diploma in Paramedical Courses (Health Inspector Course) +2 is eligible to join the first semester four year UG programme in Science

iv. Students who have passed any job Oriented Course (JOC, 10+2)/ I.T.I (10+2)/ Diploma in Computer Applications for the Visually Impaired (JSS Polytechnic for the Differently Abled Institution) are eligible to join the first semester four year UG programme in Arts/ Commerce/ Business Administration.

v. Students who have passed JOC in Sericulture are eligible to join first Semester four year UG programme in Science with Sericulture as one of the optional.

vi. Student who have passed the following JOC (10+2) are eligible to join first Semester four year UG programme as detailed hereunder:

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	JOC Course	Course
1	Computer Technique	B.Sc. (Honours) - Computer Science
2	Maintenance Repair of Electrical Domestic Appliances	B.Sc. (Honours) - Electronics
3	Electronic Technology	B.Sc. (Honours) - Electronics
4	Mechanical Servicing (Two Wheeler)	
5	Accounting and Auditing	B.Com. (Honours) / BBA (Honours)
6	Accounting and Costing	B.Com. (Honours) / BBA (Honours)
7	Accounting and Taxation	B.Com. (Honours) / BBA (Honours)
8	Banking	B.Com .(Honours) / BBA (Honours)
9	Office Management	B.Com. (Honours) / BBA (Honours)
10	Stenography	B.Com. (Honours)
11	Co-operation	B.Com. (Honours)/ B.B.A. (Honours)
13	Marketing and Salesmanship	B.A. (Honours) / B.B.A. (Honours)
14	Material Management Technology	B.B.A. (Honours)

b. **Four Years Multidisciplinary Undergraduate Honours Programme in Computer Application**

   A Candidate should have passed

   a) Plus 2 or PUC or

   b) An equivalent course with Mathematics/ Computer Science/ Business Mathematics/ Accountancy, or

   c) 3 Years Diploma after SSLC/ X Class with Computer Science Engineering/ Information Science Engineering or equivalent.

   Note: A candidate who has passed any other examination equivalent to 10+2 or 10+3 is eligible for admission to the I/III semester with the pre-approval of the parent university.

c. A Candidate is not eligible to get the admission to the same four year UG programme second time after completion of a four year UG Programme in any University/ Autonomous College.

d. For re-admission in the case of DROPPED all courses (discontinuing a programme) in four year UG programme; see Sec. 13.7, 13.8, 13.9.

9. Medium of Instruction

The Medium of Instruction shall be English/ Kannada / as decided by the concerned BOS. However a student can write examination either in English or Kannada.

10. Scheme of the Program

8.1 The minimum duration for completion of a four year UG program is eight semesters. However, as per the double the duration norm of the University, the maximum period permitted is sixteen semesters counting from the first semester.

8.2 A student has to earn **180** credits for the successful completion of an eight semester four year UG program. The distribution of credits for different courses is given in Annexure-I.

8.3 Only such students, who have successfully completed **180** credits in eight semesters without break, shall be considered for declaration of rank and/ or medals and are eligible to apply for student fellowship, scholarship, free-ships and hostel facilities.

8.4 A course may have only lecture component or lecture and tutorial component, or only practical component or combination of any two or all the three components. The total credits earned by a student at the end of the semester upon successfully completing the course is L + T + P. The credit pattern of the course is indicated as L: T : P. If a course is of 2-6 credits then the different credit distribution patterns in L : T : P format could be 5: 1: 0, 4: 0: 2, 0: 0: 6, 3: 0: 2, 4: 0: 0, 3: 0: 0, 2: 0: 0. The credit pattern for a course can be decided by the respective BoS with the approval of Academic Council.

Curricular and Credits Structure:

Area	Arts	Science	B.C.A.	B.Com./ B.B.A.
DSC A	61	66	100	93
DSC B	40	44	--	--
DSE	06	12	12	12
OE	12	12	12	12
Vocational	12	--	12	12
Internship	02	--	02	04
Res. Methodology	03	03	03	03
Res. Project	06	06	06	06
AEC (Languages)	24	24	24	24

AEC (EVS and IC)	04	04	04	04
SEC (DF)	02	02	02	02
SEC (AI)	02	02	02	02
SEC (CS)	02	02	02	02
SEC (SC)	02	02	02	02
SEC (VB)	04	04	04	04
Total	**182**	**183**	**187**	**182**

Legends: DF-Digital fluency; AI-Artificial intelligence; CS-Cyber security; SC-Societal communication; VB-Value based

11. Details of Programme Structure:

It is as shown in Annexure below

12. Council:

There shall be various Councils headed by the Principal, in order to optimize the use of resources and talents, to avoid duplication of courses and for effective coordination of Four Years Multidisciplinary Undergraduate Programmes with Multiple Exit Options and to take decisions about the issues related to the College.

a. **UG Council** consisting of HoDs of all UG departments.

The UG Council coordinates with the Controller of Examinations (CoE), for the smooth conduct of examinations. The Council will meet at least twice in a semester.

b. **Departmental Council** consisting of all the teachers of the Department & CoE.

  i. The Departmental Council shall be responsible for admission to respective programmes offered by the College including conduct of entrance tests, verification of records, admission, and evaluation.

  ii. Courses designed by the faculty and approved by the Departmental Council shall be placed before BoS for approval with necessary changes or modifications.

  iii. Course teacher(s)/ Mentor offering a course will also be responsible for maintaining attendance and performance sheets of all the students registered for the course.

  iv. Teacher(s)/ Mentor offering a course will give the attendance and performance sheets for C1 and C2 examinations to the Head of the Department who in turn consolidates all such

performance sheets of courses pertaining to the programmes offered by the department and forward the same to be processed by the CoE.

13. Student Advisor/ Mentor and Programme Coordinator:

a. **Student Advisor/ Mentor:** Every student will have a member of faculty of the Department as his/ her student advisor. All teachers of the department shall function as Student Advisors and will have more or less equal number of students. The Student Advisor will advise the students in choosing Elective courses and offer all possible student support services.

b. **Programme Coordinator:** Head of the Department/ a nominated faculty member to co-ordinate the mentor's work and is responsible for the possible student support services in the respective programme.

14. Conduct

Every student is required to observe discipline and decorum both inside and outside the campus in accordance with the Autonomous College/ Department of Collegiate Education/ University of Mysore Student Conduct Rules.

15. Course Registration:

a. After admission to a Programme, a Registration Number will be assigned to every student by the College.

b. Every student must register (in consultation with his/ her Advisor/ Mentor) for the courses he/ she intends to undergo in that semester by applying in the prescribed proforma in triplicate (duly signed by the candidate, student Advisor/ Mentor and the Programme Coordinator/ HOD), within the prescribed date notified in the Academic Calendar.

c. Withdrawal from a course is permitted up to one week from the date of registration.

d. After registration, a student can opt out of an elective course registered to earlier, and opt for another elective course giving valid reasons before the prescribed date for withdrawal of courses. This is subject to the condition that the student will be able to fulfill the required minimum attendance in the newly registered course. Withdrawal from a course will not be permitted for those who undergo late registration. Cancellation may be permitted before the conduct of C1 examination.

e. From the second semester onwards, registration for the courses will be done by students on or before a specified date in consultation with their student advisor/ mentor. A student

will become eligible for registration only if he/ she has cleared all dues to the Institution, during the previous semester.

f. The courses registered after withdrawal should enable the student to earn the prescribed number of credits per semester for a UG programme as per Course Structure.

g. If a student is unable to attend any classes (DROPED all courses) of both odd and even semester (discontinue the program), he/ she is not eligible to get the re-admission to same or other programme in the next academic year. However due to medical reason his/ her re-admission in the consecutive academic year may be considered with the approval of College Council on producing the proper documents to support the reason for discontinuation. This provision may be provided only once for a programme.

h. If a student attended C3 examination of I/ III/ V/ VII semesters and DROPED all courses of II/ IV/ VI/ VIII semesters, he/ she is not eligible to get the re-admission to same or other programme in the consecutive academic year. However he/ she may get the admission to II/ III/ IV year (III/ V/ VII semester) in the consecutive academic year with the approval of College Council. This provision may be provided only once for a programme. Any breakup semester/s (II/ IV/ VI/ VIII) can be continued by the candidates after the completion of the regular duration of the programme by registering for the courses with the re-admission.

i. Students re-admitted to any programme under Sec. 13.7, 13.8 (above two sections) are not eligible to participate in sports/ NSS/ NCC/ Selection of Student Representative/ any other extra-curricular activities.

16. Attendance

a. The teacher handling a course shall be responsible for maintaining a record of attendance of students who have registered for the course.

b. All faculty members shall intimate the Head of the Department at least seven calendar days before the last instruction day in the semester the particulars of all students who have less than 75% attendance in one or more courses. However any student who participated in the marked events (i.e., at University/ State/ National level NSS/ NCC/ Sports etc), the classes conducted in the duration actually participated shall be excluded from the *total number of classes conducted*.

c. A candidate who has less than 75% attendance shall not be permitted to apply for the semester end examination in the course in which the shortfall exists. Registrations of such

students for those courses shall be treated as cancelled. If the course is a Core Course, the candidate should register for and repeat the course when it is offered next. If any candidate is willing to re-register a course after the regular period of admitted programme, he has to re-admit to the programme by paying prescribed fee with the approval of UG council.

17. Assessment and Evaluation

a. Assessment and evaluation processes happen in a continuous mode. However, for reporting purposes, a semester is divided into 3 discrete components identified as C1, C2, and C3.

b. The performance of a candidate in a course will be assessed with :-

i. The first component, C1 of assessment is for 20%. This will be based on test/ assignment/ attendance/ tutorial/ viva voce/ seminar. During the first half of the semester, the first 50% of the syllabus will be completed. This shall be consolidated during the 8th week of the semester.

ii. The second component, C2 of assessment is for 20%. This will be based on test, assignment/ attendance/ tutorial/ viva/ seminar. The continuous assessment and scores of second half of the semester will be consolidated during the 15th week of the semester. During the second half of the semester the remaining syllabus of the course will be completed.

iii. The outline for continuous assessment activities for C1 and C2 will be proposed by the teacher(s) concerned before the commencement of the semester and will be discussed and decided in the respective Departmental Council with the approval of BOS. The students should be informed about the modalities well in advance. The evaluated courses/ assignments during C1 and C2 of assessment are immediately returned to the candidates after obtaining acknowledgement in the register maintained by the concerned teacher for this purpose.

iv. If any course is designed with L: T: P credit pattern of X: 0: 2, Departmental Council with the approval of BOS can conduct C1 with the continuous assessment through a test for 20% and C2 with the continuous assessment through practical record and a test for 30%.

v. If any course is designed with L: T: P credits pattern of 0: 0: X, Departmental Council with the approval of BOS can conduct C1 with the continuous assessment through a test for 20% and C2 with the continuous assessment through practical record and a test for 30%.

vi. During the 18th-20th week of the semester, a semester-end examination (SEE) of 2/ 3 hours duration shall be conducted for each course. This forms the third/ final component

of assessment (C3) and the maximum marks for the final component will be 60% of the marks in Theory and 50% of the marks in Practical assigned to the respective course according to the Course structure. However, candidate has to apply for the C3 examination in the prescribed format with applicable fee to the Examination Section. If any candidate fails to apply within the specified date, he/ she will not be permitted to appear for C3 examination.

c.   Evaluation will be done on a continuous basis, three times during each semester. For the purpose of uniformity, particularly for inter-departmental transfer of credits, there will be a uniform procedure of examination to be adopted by all faculty members. There will be two continuous internal assessment components C1 and C2, and one Semester End Examination, C3 for each course during every semester.

d.   C1 and C2 examinations (of one to two hours duration) may employ one or more assessment tools such as tests, assignments/ paper presentation; laboratory test, etc. suitable to the course. This requires an element of openness. The students are to be informed in advance about the nature of assessment. A Student cannot repeat C1 and C2.

e.   ***Provision of appeal for C1 and C2***

   i.   If a candidate is not satisfied with the evaluation of C1 and C2 components, he/ she can approach the Grievance Cell with the written submission together with all the facts, the assignments, C1 and C2 written papers etc., which were evaluated. He/ she can do so before the specified date by the department. ***The Grievance Cell is empowered to revise the marks if the case is genuine and is also empowered to levy penalty on the candidate as per the UGC/ University Autonomous College Regulations***, if his/ her submission is found to be baseless and unduly motivated. This Grievance Cell may recommend for taking disciplinary/ corrective action on an evaluator if he/ she is found guilty. The decision taken by the Grievance Cell is final. For every programme there will be one Grievance Cell. The composition of the Grievance Cell is as follows:

UG
1.   Principal / Controller/ Deputy Controller of Examinations
2.   Head of the Department
3.   One senior faculty member/ subject expert of the other Department.

ii. In case the evaluation of C1 and C2 components has found to be erratic, then such cases shall be referred to the UG Council to establish whether or not any examiner has been erratic in his evaluation, and to recommend if the committee so desires, any punitive measures in accordance with the affiliated University Rules and Regulations.

iii. There shall be one Semester End Examination C3 of specified duration and percentage of marks in each course covering the entire syllabus prescribed for the course as below. The Semester End Examination is normally a written/ laboratory based examination. The duration of the practical examination has to be decided by the Departmental Council with the approval of BoS. Model Question Paper for each course has to be prepared by the teacher and the same should be forwarded to the Head of the Department.

iv. The C3 examination schedule will be prepared by the Controller of Examination in consultation with the Examination Committee and to be displayed in the notice board at least one week before the examination.

v. In case of a course with Practical Component or with only Practical Component, a practical examination will be conducted with both internal and external examiners. A candidate will be assessed on the following basis:

Scheme for Assessment and Evaluation

Credits L:T:P	Maximum Marks in the Exam / Assessment				Exam Duration	
	SEE		IA			
	Th	Pr	Th	Pr	Th	Pr
4: 0: 2	60	25	40	25	2½h	3h
0: 0: 6	-	90	-	60	-	4h
3: 0: 2	60	25	40	25	2½h	3h
4: 0: 0	60	-	40	-	2½h	-
3: 0: 0	60	-	40	-	2½h	-
2: 0: 0	30	-	20	-	2h	-
1: 0: 1	25	-	-	25	2h	2h
0: 0: 1	-	25		25	-	2h

f.   **Practical Weightage**

Component	Weightage
Knowledge of relevant processes	30%
Skills and operations involved	50%
Results/ products including calculation and reporting	20%

g. **Conduct of Examinations, indiscipline and malpractice at the examination center**

As per the Conduct of Examinations - Reference Manual of the Autonomous College revised time to time.

h. Finally, awarding the grades should be completed latest by 24th week of the semester.

18. Question paper setting, coding, evaluation and declaration of results

i. Constitution of Board of Examiners

Board of Studies shall approve the Panel of Examiners. Board of Examiners shall

consist of the following members:

1. Head of the Department shall be the Chairperson of the Board.

2. Two/ Three senior teachers in the Department on rotation.

3. Two/ Three experts in the subject from Universities/ other Colleges.

(Number of members to be decided based on the number of question papers set

by the department)

ii. Question paper setting

a) From the list of Examiners provided by the Board of Studies, Chairperson of BoE will prepare the list of paper setters and examiners for each Course.

b) Question papers in two/ three (for a course in which makeup examination to be conducted) sets shall be set; one by the internal examiner and one/ two by the external examiner for a course. Whenever there are no sufficient internal examiners, the Chairperson of BoE shall get the question papers set by external examiners.

c) The papers will be scrutinized by Board of Examiners constituted for this purpose.

d) The paper setters in each course will be provided with a copy of syllabus of respective course and the model question paper. The paper setters have to provide scheme of valuation along with the question paper.

e) The Department has to provide model answers for the question papers of the examination held and the same should be kept in the library for reference.

f) The Board is responsible for proper scrutiny of question papers. In case, any question paper is not in accordance with the scheme and syllabus, then such cases shall be referred to the UG Council, and to recommend if the Committee so desires, penalty shall be imposed in accordance with the affiliated University Rules and regulations.

iii. Coding of answer scripts

Before evaluation, all the answer scripts shall be coded using false numbers/ bar-coding separately for each paper.

iv. Evaluation

For UG, there shall be a single valuation of the answer scripts at the College (Central Valuation) with minimum 15% of the scripts shall be reviewed by Chairperson/ external examiners. Valued answer scripts with marks 90% and above shall also be reviewed.

v. Evaluation of Minor/ Major Project/ Dissertation and Viva-voce

Right from the initial stage of defining the problem, the candidate has to submit the progress reports periodically and also present his/ her progress in the form of seminars in addition to the regular discussion with the guide. Components of evaluation are as follows:

C1	Identification of the problem and defining objectives	15%
C2	Results of work and Draft Report	15%
C3	Concise Dissertation/ Project Report	50%
	Viva-voce	20%

Dissertation/ Project report will be valued jointly by the project supervisor and one external examiner nominated by the Chairperson of BOE. Students may be asked to make a presentation before the faculty members and students.

19. Photocopy of Answer scripts, Retotalling and Revaluation

i. A candidate who desires to apply for Photocopy of his theory answer script of SEE only, may do so by paying the prescribed fee and submitting prescribed application form directly to the CoE within the date, as specified from time to time.

ii. A candidate who desires to apply for retotalling and revaluation of his theory answer script of SEE only, may do so by paying the prescribed fee and by submitting the prescribed application form along with the relevant original marks card to the CoE, within the date as notified from time to time by the College.

iii. The retotalling shall provide for checking whether all the answers have been valued and whether the totalling is correct or not. In case any answer or part has not been valued, that part may be referred to another valuer, and marks so awarded shall be added to the total. In

case there is any mistake in totalling or carryover of marks from the inside sheets to the facing sheet, the CoE may have it corrected with the approval of the Principal.

iv. The revaluation shall be referred to second/ third valuer (other than first/ second) by the Chairperson of BOE. If the revaluation is concerned to more than three courses in a discipline, BoE can carry out the revaluation.

v. The result of revaluation shall be announced within 20 days from the last date fixed for receipt of applications.

vi. If the difference between the original marks and the revaluation marks does not exceed 20% of the maximum marks prescribed for that theory paper, the average of the two shall be taken for the final award of the marks.

vii. If the difference between the original marks and the revaluation marks is more than 20% of the maximum prescribed for that theory paper, such scripts shall be got valued by BoE. The marks awarded by the BoE shall be the final award of marks and such scripts should be preserved at the Examination Section at least for four years from the date of examination.

viii.   In case where one or more answers are not valued by the original valuer, then the marks awarded by the subsequent valuer, as far as these answers are concerned, shall be taken as they are, without averaging with the marks of the other.

ix. In cases where the difference between the original marks, first revaluation marks or/ and the second revaluation marks clearly indicate that a particular examiner has been erratic in his/ her valuation, then such cases shall be referred to the College Council to establish whether or not any valuer has been erratic in his evaluation, and to recommend if the Council so desires, any punitive measures in accordance with the affiliated University Rules and regulations.

x. If there is a complaint of a serious nature of erratic or unfair valuation in any Course for a group of candidates, the Principal may after a preliminary inquiry, order for special valuation of the concerned group or entire set of candidates in the ursecerned. After such special valuation, a random sample of 10% of the answer scripts, subject to a minimum of 10, shall be referred for review.

xi. The provision for gracing shall also apply to such candidates after retotalling and revaluation. However the grace marks shall be shown separately in marks ledger and not in marks card.

20. Minimum for a Pass

➢ A candidate shall be declared to have passed the program if he/ she secures at least 40% of marks or a CGPA of 4.0 (Course Alpha-Sign Grade P) in the aggregate of both internal

assessment and Semester End Examination marks put together in each unit such as theory papers/ practical/ field work/ internship/ project work/ dissertation/ viva- voce, provided the candidate has secured at least 40% of marks in the Semester End Examinations in each unit.

➢ The candidates who pass all the semester examinations in the first attempt are eligible for ranks provided they secure at least CGPA of 6.01 (Alpha-Sign Grade B·).

➢ The results of the candidates who have passed the last semester examination but not passed the lower semester examinations shall be declared as NCL (Not Completed the Lower Semester Examinations). Such candidates shall be eligible for the degree only after completion of all the lower semester examinations.

➢ A candidate who passes the semester examinations in parts is eligible for only Class, CGPA and Alpha-Sign Grade but not for ranking.

➢ There is no minimum marks requirement for Internal Assessment to appear for SEE.

➢ A candidate who fails in any of the units such as theory papers/ practical/ field work/ project work/ dissertation/ viva-voce, shall reappear in that unit as per the provisions made and pass the examination.

21. Carry Over Provision

➢ The candidates who fail in lower semester examinations may go to the higher semesters and take the lower semester examinations.

22. Improvement of Results

➢ A candidate who has passed in all the courses of a semester may be permitted to improve the result by reappearing for the whole examination of that semester.

➢ The reappearance may be permitted during the period N * 2 years (where N refers to duration of the program) without restricting it to the subsequent examination only.

➢ The student shall apply for improvement examination within 45 days from the date of announcement of the results of examinations.

➢ If a candidate passes in all the subjects in reappearance, higher of the two aggregate marks secured by the candidate shall be awarded for that semester. In case the candidate fails in the reappearance, candidate shall retain the earlier result.

➢ A candidate who has appeared for improvement examination is eligible for class only and not for ranking.

➢ Internal assessment (IA) marks shall be shown separately. A candidate who wants to improve the result or who, having failed, takes the examination again or who has appeared for

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improvement shall retain the IA marks already obtained.

➢ A candidate who fails in any of the semester examinations may be permitted to take the examinations again at a subsequent appearance as per the syllabus and scheme of examination in vogue at the time the candidate took the examination for the first time. This facility shall be limited to a period of two years.

22.1 Classification of Successful Candidates:

The declaration of result is based on the Semester Grade Point Average (SGPA) earned towards the end of each semester or the Cumulative Grade Point Average (CGPA) earned towards the end of all the eight semesters of the programme and the corresponding overall alpha-sign grades.

An alpha-sign grade, the eight point grading system, as described below is adopted. If some candidates exit at the completion of first, second or third year of the programme with Certificate, Diploma or the Basic Degree, respectively, then the results at the end of second, fourth or sixth semesters is also classified on the basis of the CGPA obtained in the two, four or six semesters, respectively.

Table A: Final Result/ Grades Description:

Semester/ Programme % Marks	Result / Class Description	Semester GPA/ Programme CGPA	Alpha-Sign/ Letter Grade
80.1 - 90.0	First Class Exemplary	8.01 - 9.00	**A+** (Excellent)
70.1 - 80.0	First Class Distinction	7.01 - 8.00	**A** (Very Good)
60.1 - 70.0	First Class	6.01 - 7.00	**B+** (Good)
55.1 - 60.0	High Second Class	5.51 - 6.00	**B** (Above average)
50.1 - 55.0	Second Class	5.01 - 5.50	**C** (Average)
40.0 - 50.0	Pass Class	4.00 - 5.00	**P** (Pass)
Below 40	Fail / Reappear	Below 4.00	**F** (Fail/Reappear)
Absent	Ab (Absent)	0	Ab (Absent)

22.2 Calculation of Semester Grade Point Average (SGPA):

The Grade Point (GP) in a course is assigned on the basis of marks scored in that course as per the Table B. Any fraction of mark in the borderline less than 0.50 be ignored in assigning GP and the fractions of 0.50 or more be rounded off to the next integer. The Credit Point (CP) shall then be calculated as the product of the GP earned and the credit for the course. The total CP

for a semester is the sum of CP of all the courses of the semester. The SGPA for a semester is computed by dividing the total CP of all the courses by the total credits of the semester. It is illustrated belowwith typical examples.

Table B: Conversion of Percentage of Marks into Grade Points in a Course/Paper

Percentage of marks in theory/ practical	Grade Point (GP)	Percentage of marks in theory/ practical	Grade Point (GP)
98-100	10	63-67	6.5
93-97	9.5	58-62	6.0
88-92	9.0	53-57	5.5
83-87	8.5	48-52	5.0
78-82	8.0	43-47	4.5
73-77	7.5	40-42	4.0
68-72	7.0	Below 40	0

22.2.1 An Illustration of Calculation of Semester Grade Point Average (SGPA):

I Semester (Typical)

Papers	C1	C2	C3	C4	C5	C6	Total
Max. Marks	150	150	100	100	50	50	600
Marks Obtained	115	111	62	78	32	34	432
% Marks Obtained	77	74	62	78	64	68	72.0
Grade Points Earned (G)	7.5	7.5	6.0	8.0	6.5	7.0	-
Credits for the Course (C)	6	6	4	4	2	2	24
Credit Points, CP (G x C)	45.0	45.0	24.0	32.0	13.0	14.0	173.0

Semester Aggregate Marks : 432 / 600 **= 72.0%**

Classification of Result   : **First Class Distinction**

SGPA = Total CP / Total Credits = 173.0 / 24 **= 7.21**

Semester Alpha Sign Grade: **A**

22.2.2 Calculation of Cumulative Grade Point Average (CGPA):

The Cumulative Grade Point Average (CGPA) at the end of the second, fourth, sixth and eighth semesters shall be calculated as the weighted average of the semester grade point averages (SGPA) of two, four, six and eight semesters, respectively. The CGPA is

obtained by dividing the total of semester credit weightages by the maximum credits for the programme.

The following are the sample illustrations of computing semester grade point averages (SGPA) and cumulative grade point averages (CGPA) and the Alpha – sign grades assigned.

22.2.2.1 Calculation of Cumulative Grade Point Average (CGPA) for Certification:
Illustration I:

Semester	I	II	Total
Total Marks per Semester	600	600	1200
Total Marks Secured	432	481	913
Semester Alpha Sign Grade	A	A+	-
Semester GPA	7.21	8.02	-
Semester Credits (C)	24	24	48
Semester Credit Points (CP)	173.0	192.5	365.5

Aggregate Percentage of Marks = 913 / 120 = 76.08**%**

Classification of Result: **First Class Distinction**

Cumulative Grade Point Average (CGPA) = Total of Semester CP / Total Credits for the program

$$= 365.5 / 48 = 7.61$$

Programme Alpha Sign Grade: **A**

22.2.2.2 Calculation of Cumulative Grade Point Average (CGPA) for the Diploma:
Illustration II:

Semester	I	II	III	IV	Total
Total Marks per Semester	600	600	600	600	2400
Total Marks Secured	432	481	498	513	1924
Semester Alpha Sign Grade	A	A+	A+	A+	-
Semester GPA	7.21	8.02	8.30	8.55	-
Semester Credits (C)	24	24	24	24	96
Semester Credit Points (CP)	173.0	192.5	199.2	205.2	769.9

Aggregate Percentage of Marks = 1924 / 2400 = 80.17**%**

Classification of Result: **First Class Exemplary**

Cumulative Grade Point Average (CGPA) = Total of Semester CP / Total Credits for the program

= 769.9 /96 **= 8.02**

Programme Alpha Sign Grade: **A⁺**

22.2.2.3 Calculation of Cumulative Grade Point Average (CGPA) for the Bachelor Degree: Illustration III:

Semester	I	II	III	IV	V	VI	Total
Total Marks per Semester	600	600	600	600	600	600	3600
Total Marks Secured	432	481	498	513	490	499	2913
Semester Alpha Sign Grade	A	A+	A+	A+	A+	A+	-
Semester GPA	7.21	8.02	8.30	8.55	8.17	8.32	-
Semester Credits (C)	24	24	24	24	24	24	144
Semester Credit Points (CP)	173.0	192.5	199.2	205.2	196.1	199.7	1165.7

Aggregate Percentage of Marks = 2913 / 3600 = 80.92**%**

Classification of Result: **First Class Exemplary**

Cumulative Grade Point Average (CGPA) = Total of Semester CP / Total Credits for the program

= 1165.7 /144 **= 8.10**

Programme Alpha Sign Grade: **A⁺**

22.2.2.4 Calculation of Cumulative Grade Point Average (CGPA) for the Bachelor Degree with Honours: Illustration IV:

Semester	I	II	III	IV	V	VI	VII	VIII	Total
Total Marks per Semester	600	600	600	600	600	600	600	600	4800
Total Marks Secured	432	481	498	513	490	499	467	506	3886
Semester Alpha Sign Grade	A	A+	A+	A+	A+	A+	A	A+	-
Semester GPA	7.21	8.02	8.30	8.55	8.17	8.32	7.78	8.43	-
Semester Credits (C)	24	24	24	24	24	24	24	24	192
Semester Credit Points (CP)	173.0	192.5	199.2	205.2	196.1	199.7	186.7	202.3	1554.7

Aggregate Percentage of Marks = 3886 / 4800 = 80.96**%**

Classification of Result: **First Class Exemplary**

Cumulative Grade Point Average (CGPA) = Total of Semester CP / Total Credits for the program

= 1554.7 /192 **= 8.10**

Programme Alpha Sign Grade: **A⁺**

Programme Structure for Bachelor of Arts (Basic/Hons.) Programme with two Majors subjects without practical, in the 3rd year of the Programme.

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE) / Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	DSC-A1 (3+3) DSC-B1 (3+3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs each)		SEC-1: Digital Fluency (2) (1+0+2)	Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	DSC-A2 (3+3) DSC-B2 (3+3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs each)	Environmental Studies (2)		Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate (with the completion of courses equal to a minimum of 48 credits)							
III	DSC-A3 (3+3) DSC-B3 (3+3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: AI or some other SEC (2) (1+0+2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G/ Cultural (1) (0+0+2)	25
IV	DSC-A4 (3+3) DSC-B4 (3+3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma in Arts (with the completion of courses equal to a minimum of 96 credits) OR continue studies with both the subjects as Majors							
V	DSC-A5 (4+4) DSC-B5 (4+4)	Vocational-1 (3)			SEC-3: Cyber Security or some other SEC(2) (1+0+2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	23
VI	DSC-A6 (4+4) DSC-B6 (4+4)	Vocational-2 (3) Internship (2)			SEC-4: Societal Communication (2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit with Bachelor of Arts Degree, B.A. in A and B (with the completion of courses equal to a minimum of 140 credits) or continue studies							
VII	DSC-A7 (4) DSC-A8 (4) DSC-A9 (4)	DSE-A1 (3) Vocational-3 (3) Res. Methodology (3)						21
VIII	DSC-A10 (3) DSC-A11 (3) DSC-A12 (3)	DSE-A2 (3) Vocational-4 (3) Research Project (6)*						21
Award of Bachelor of Arts Degree with Honours, B.A. (Hons.) in DSC-A (with the completion of courses equal to a minimum of 180 credits)							

*In lieu of the research Project, two additional elective papers/ Internship may be offered.

Programme Structure for Bachelor of Science (Basic/Hons.) Programme with two Majors subjects in the 3rd year of the Programme.

Sem.	Discipline Core (DSC) (Credits)	Discipline Elective(DSE) / Open Elective (OE) (Credits)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	DSC-A1 (4+2) DSC-B1 (4+2)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Digital Fluency (2) (1+0+2)	Yoga (1)(0+0+2)	Health &Wellness (1) (0+0+2)	25
II	DSC-A2 (4+2) DSC-B2 (4+2)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1)(0+0+2)	25
Exit option with Certificate (with the completion of courses equal to a minimum of 48 credits)							
III	DSC-A3 (4+2) DSC-B3 (4+2)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs. each)		SEC-2: AI or some other SEC (2)(1+0+2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	DSC-A4 (4+2) DSC-B4 (4+2)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs. each)	Constitution of India (2)		Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma in Science (with the completion of courses equal to a minimum of 96 credits) OR continue studies with both subjects as majors							
V	DSC-A5 (3+2) DSC-A6 (3+2) DSC-B5 (3+2) DSC-B6 (3+2)				SEC-3: Cyber Security or some other SEC (2) (1+0+2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
VI	DSC-A7 (3+2) DSC-A8 (3+2) DSC-B7 (3+2) DSC-B8 (3+2)				SEC-4: Professional Communication (2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit option with Bachelor of Science, B. Sc. Degree (with the completion of courses equal to a minimum of 140 credits) or continue studies							
VII	DSC-A9 (3+2) DSC-A10 (3+2) DSC-A11 (3)	DSE-A1 (3) DSE-A2 (3) Res. Methodology (3)						22
VIII	DSC-A12 (3) DSC-A13 (3) DSC-A14 (3)	DSE-A3 (3) DS E-A4 (3) Research Project (6)*						21
Award of Bachelor of Science Degree with Honours, B.Sc. (Hons.) in DSC-A (with the completion of courses equal to a minimum of 180 credits)							

*In lieu of the research Project, two additional elective papers/ Internship may be offered

Programme Structure for Bachelor of Computer Applications (Basic/Hons.) with Computer Applications as Programme Core Subject with Practical

Sem.	Discipline Core (DSC) (Credits)	Discipline Elective (DSE) / Open Elective (OE) (Credits)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	DSC-1 (3+2) DSC-2 (3+2) DSC-3 (3)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Digital Fluency (2) (1+0+2)	Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	26
II	DSC-4 (3+2) DSC-5 (3+2) DSC-6 (3)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	26
	Exit option with Certificate in Computer Applications (with the completion of courses equivalent to a minimum of 48 credits)							
III	DSC-7 (3+2) DSC-8 (3+2) DSC-9 (3)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		SEC-2: Artificial Intelligence or some other SEC (2) (1+0+2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/Cult ural (1) (0+0+2)	26
IV	DSC-10 (3+2) DSC-11 (3+2) DSC-12 (3)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitutionof India (2)		Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/Cult ural (1) (0+0+2)	26
	Exit option with Diploma in Computer Applications (with the completion of courses equivalent to a minimum of 96 credits)							
V	DSC-13 (3+2) DSC-14 (3+2) DSC-15 (3)	DSE-1 (3) Vocational-1 (3)			SEC-3: Cyber Security or some other SEC (2) (1+0+2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/Cult ural (1) (0+0+2)	23
VI	DSC-16 (3+2) DSC-17 (3+2) DSC-18 (3)	DSE-2 (3) Vocational-2 (3) Internship (2)			SEC-4: Professional Communication (2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
	Exit Option with Bachelor of Computer Applications Degree, BCA Degree (with completion of courses equivalent to a minimum of 140 credits)							
VII	DSC-19(3+2) DSC-20(3+2) DSC-21 (3)	CA E-3 (3) Vocational-3 (3) Res. methodology (3)						22
VIII	DSC-22 (3) DSC-23 (3) DSC-24 (3)	CA E-4 (3) Vocational-4 (3) Research Project(6)*						21
Award of Bachelor of Computer Applications with Honours, BCA (Hons.) Degree (with completion of courses equal to a minimum of 180 credits)								

*In lieu of the research Project, two additional elective papers/ Internship may be offered

Programme Structure for Bachelor of Business Administration, B.B.A. (Basic/Hons.) / Bachelor of Commerce, B.Com.(Basic/Hons.) with Business Administration /Commerce as Programme Core

Sem.	Discipline Core (DSC) (Credits)	Discipline Elective (DSE) /Open Elective (OE) (Credits)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)		Skill Enhancement Courses (SEC)			Total Credits
					Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)		
I	DSC1 (4) DSC2 (4) DSC3 (4)	OE-1 (3)	L1-1(3), L2-1(3) (4 hrs. each)		SEC-1: Digital Fluency (2) (1+0+2)	Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)	25
II	DSC4 (4) DSC5 (4) DSC6 (4)	OE-2 (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)		Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Certificate in Business Administration/Commerce (with the completion of courses equal to a minimum of 48 credits)								
III	DSC7 (4) DSC8 (4) DSC9 (4)	OE-3 (3)	L1-3(3), L2-3(3) (4 hrs each)		SEC-2: AI or some other SEC(2)(1+0+2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
IV	DSC10 (4) DSC11 (4) DSC12 (4)	OE-4 (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitutionof India (2)		Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	25
Exit option with Diploma in Business Administration/ Commerce (with the completion of courses equal to a minimum of 96 credits)								
V	DSC13 (4) DSC14 (4) DSC15 (4)	DSE1 (3) Vocational-1 (3) Internship (2)			SEC-3: Cyber Security or some other SEC(2) (1+0+2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
VI	DSC16 (4) DSC17 (4) DSC18 (4)	DSE2 (3) Vocational-2 (3) Internship (2)			SEC-4: Professional Communication (2)	Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	24
Exit Option with BBA/ Bachelor of Commerce Degree, BBA/ B.Com. (with the completion of courses equal to a minimum of 140 credits)								
VII	DSC19 (4) DSC20 (4) DSC21 (4)	DSE3 (3) Vocational-3 (3) Res. Methodology(3)						21
VIII	DSC22 (3) DSC23 (3) DSC24 (3)	DSE4 (3) Vocational-4 (3) Res. Project(6)*						21
Award of Bachelor of Commerce/ BBA Degree with Honours, BBA/B.Com.(Hons.) (with the completion of courses equal to a minimum of 180 credits								

*In lieu of the research Project, two additional elective papers/ Internship may be offered