

## Faculty Profile



**Dr. B K Kendagannaswamy**

MSc, Ph.D.,  
ASSISTANT PROFESSOR

### Qualification

Programme	Specialization	Institution/University
MSc., Ph.D.,	Chemistry Organic Chemistry	Mysore University

### Articles in journals

Sl. No	Title	Name of Journal	Date of Publication	Volume No/Issue No/Page No
1	Physico-Mechanical, Optical and WAXS Studies of Chain Extended PU Films	<i>J.Macromolecular Sci., Part A Polymer Chem.,</i>	2000	A 37 / 1617-1625
2	Interaction of Chain Extended PUs with Chlorinated Alkanes	<i>Polym. News</i>	2001	26
3	Chain Extended Polyurethanes – Synthesis	<i>J. Appl. Polym. Sci.,</i>	2002	84 / 359-369

	and Characterization			
4	Structure-Property Relationship of Diol Chain Extended Castor Oil Based PUs	<i>J.Matl. Sci</i>	2003	38 / 451-460
5	Structure-Property Relationship of PAni filled Chain Extended PU	<i>J. Poly. Engg. and Sci.</i>	2004	44 / 772-778
6	Sorption and Diffusion of Chlorinated Aliphatic Hydrocarbon Penetrants through Diol Chain Extended PU Members	<i>J. Haz. Matls</i>	2003	B99 / 177-190
7	Structure-Property Relationship of Starch filled Chain Extended PUs	<i>J Appl. Poly. Sci.,</i>	2003	90 / 2945-2954
8	Computer Simulation Method for Calculating Concentration Profiles in Polyureathanes / Polystyrene Interpenetrating Polymer Network Membranes	<i>J.Appl. Poly.. Sci.,</i>	2003	90 / 122-128
9	Synthesis and in vitro antioxidant activity of quinolin-5-ylamine derivatives	<i>Current chemistry letters</i>	2013	2 / 119-124
10	Investigation of Antioxidant Activity of 3, 5-Dimethoxyaniline Derivatives	<i>Journal of Applicable Chemistry</i>	2014	3 / 2131-2137
11	Solar irradiance induced photocatalytic degradation of indigo carmine using hydrothermally developed lithium zincate nano powders assessed through	<i>International Journal of Advanced Research</i>	2016	4 / 1145-1150

	electronic spectral studies			
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## Seminars/Conferences/Symposium/Workshops attended

Sl.No	Name of the Conference /Seminar /Symposium/Workshop	Type of Program	Title of the Article	Role	Venue/place	Date
1	Autonomy to Colleges and its Implications	Seminar	-	Delegate	J.S.S. College of Arts, Commerce and Science, Mysore	27 <sup>th</sup> and 28 <sup>th</sup> Feb. 2004
2	Syllabus blow-up for B.Sc. Degree Semester Scheme of University of Mysore	UGC Sponsored Chemistry Workshop	-	Delegate	Maharani's Science College for Women, Mysore	15 to 17 <sup>th</sup> July 2004
3	Innovative Methods of Teaching in Higher Education	workshop	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	9 <sup>th</sup> and10 <sup>th</sup> Aug. 2004.
4	Software for Successful Life	seminar	-	Delegate	SJCE, Mysore	10 <sup>th</sup> and 11 <sup>th</sup> Sept. 2004
5	Environmental Economics.	Faculty upgradation programme	-	Delegate	Department of Environmental Engineering SJCE, Mysore	6 <sup>th</sup> to 18 <sup>th</sup> Sept. 2004
6	Advanced Technologies in Industrial Hazardous Waste Management on	National Seminar	-	Delegate	SJCE, Mysore	6 <sup>th</sup> and 7 <sup>th</sup> Dec 2004.
7	Role of Languages in teaching science for undergraduate courses	National Seminar	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	17 <sup>th</sup> & 18 <sup>th</sup> Dec 2004
8	Water Quality Monitoring and Surveillance	Refresher Course	-	Delegate	Department of Environmental Science, SJCE, Mysore	9 <sup>th</sup> to 18 <sup>th</sup> Dec 2004
9	Water and Health	<i>International Conference</i>	-	Delegate	SJCE, Mysore	22 <sup>nd</sup> & 23 <sup>rd</sup> Jan 2005
10	Environmental pollution and Management-Future Challenges	State level Conference	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	29-30 <sup>th</sup> July 2005
11	Total Quality in Higher Education	workshop	-	Delegate	Somani college	16-18 <sup>th</sup> March 2006

12	Equity and Excellence in Higher Education	Seminar	-	Delegate	St.Philomenas' college, Mysore	
13	Challenges and Opportunities of Autonomous Colleges	Workshop	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	29 <sup>th</sup> July 2006
14	Rain water harvesting	State level Workshop	-	Delegate	JSS College of Arts, Commerce and - Science , Mysore	4-5 <sup>th</sup> October 2007
15	NSS Programme Officers organized by the NSS Training and Orientation centre for Karnataka	Orientation Programme	-	Delegate	University of Mysore, Mysore	22-11-2006 to 01.12.2006
16	Management of Solid waste and Plastics	Workshop	-	Delegate	Mysore	7 <sup>th</sup> December 2007
17	Democratization of higher Education	Seminar	-	Delegate	Mahajanas' college, Mysore	12 <sup>th</sup> January 2008.
18	Effects of Yaspal Committee Report on Higher Education	Seminar	-	Delegate	Vidyavardhaka college, Mysore	7 <sup>th</sup> November 2009
19	Choice Based Credit System	State Level Work Shop	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	10 <sup>th</sup> December 2009
20	Ayurveda and Phytopharmaceuticals	State level Seminar	-	Delegate	JSS college, Mysore	21 <sup>st</sup> January 2011
21	Relevance of Chemistry in Chemical Biology	National level Seminar	-	Delegate	St.Philomeans' college, Mysore	21-22 <sup>nd</sup> March 2011
22	Choice based credit system syllabus in Chemistry for teachers of the Degree colleges affiliated to University of Mysore	workshop on	-	Delegate	St.Philomeans' college, Mysore	23 <sup>rd</sup> March 2011
23	The Role of Teachers in Human Rights and Educational Values	State level Workshop	-	Delegate	Government Science College , Hassan	21-22 <sup>nd</sup> March 2011
24	International Year of Chemistry	Programme	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	14 <sup>th</sup> October 2011
25	Chemistry of Materials	Seminar	-	Delegate	Sri Jayachamarajenda College of Engineering, Mysore	25 <sup>th</sup> November 2011
26	Emerging Trends and Future Prospects in	State level Seminar	-	Delegate	JSS College of Arts, Commerce and	on 8 <sup>th</sup>

	Phytopharmaceuticals				Science , Mysore	December 2011
27	Orientation programme	Seminar	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	7 <sup>th</sup> - 8 <sup>th</sup> DEC 2012
28	Life skills and ICT enabled teaching	Seminar	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	25 <sup>th</sup> Feb2012
29	Cyber systems	Seminar	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	23 <sup>rd</sup> Mar 2013
30	Curriculum Development in Science Subjects	Seminar	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	31 <sup>st</sup> Dec2013
31	Competence building initiatives	Seminar	-	Delegate	JSS College for Women, Saraswathipuram, Mysore	1 <sup>st</sup> to 3 <sup>rd</sup> Dec 2014
32	Chemistry and Chemical Biology	Seminar	-	Delegate	University of Mysore, Manasa Gangotri, Mysore	26 <sup>th</sup> May 2015
33	Promotion of Research in Colleges	Seminar	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	14 <sup>th</sup> Mar 2015
34	Enhancement of Total quality of students	Seminar	-	Delegate	SBRR Mahajana First grade College	2 <sup>nd</sup> March 2016
35	State level science exhibition-Theme-Science and Village	Seminar	-	Delegate	JSS College of Arts, Commerce and Science , Mysore	20-22 Aug 2016
36	Third International festival of Science technology Engineering and Mathematics	Workshop	-	Delegate	University of Mysore, Manasa Gangotri, Mysore	17 <sup>th</sup> -20 <sup>th</sup> October 2016

### Own MPhil/PhD Thesis

Sl No.	Title	Guide Name	Institution	Month Year	Status
1	<b>Synthesis and Characterization of Caster oil based Polyurathanes</b>	<b>Prof. Siddaramaiah</b>	<b>University of Mysore</b>	<b>November 2002</b>	<b>Awarded</b>

