



JSS MAHAVIDYAPEETHA

# JSS ACADEMY OF TECHNICAL EDUCATION

JSSATE Campus, Uttarahalli – Kengeri Main Road, Bangalore – 560 060

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1. **NAME** : Dr. Mahesh B
2. **Designation** : Associate Professor
3. **Name of the Dept.** : Chemistry
4. **Date of joining the Institution:** 28-10-2005
5. **Date of Birth** : 01.06.1975
6. **Father's Name** : Basavaraju
7. **Sex** : Male
8. **Nationality** : INDIAN
9. **Contact No.** : 9448210363
10. **E-mail ID** : maheshb22@gmail.com
  - a. **Correspondance** : Associate Professor, Dept of Chemistry,  
JSSATE, Dr. Vishnuvardhan Road, Bengaluru-60
  - b. **Permanent Address** : S/O Basavaraju Siddaramaiah, Budaguppe, Maddur tq,  
Mandya Dist., Aloor Post-571433.
11. **Employment Type** : Permanent
12. **Educational Qualifications** : M.Sc., Ph.D.,  
(In reverse Chronological Order)



Sl. No.	Degree	Branch	Specialization	Year of passing	University
1	Ph.D.	Chemistry	Synthetic Organic Chemistry	2004	University of Mysore
2	M.Sc.	Chemistry	Chemistry	1998	
3	B.Sc.	Science	PCM	1996	

13. **Service / Experience Details** : 19 years  
(In reverse Chronological Order)

**a. Teaching Experience:**

Sl. No.	From (mm/yy)	To (mm/yy)	No. of years	Degree or Diploma Institution	Designation	Name of the Institute
1	01.04.2011	Till date	6	Degree	Associate Professor	JSSATE, Bangalore
2	28.10.2005	31.03.2011	6.5	Degree	Assistant Professor	JSSATE, Bangalore

3	On deputation for two consecutive years			Degree	Assistant Professor	Senior Lecturer
4	01.09.2005	27.10.2005	0.2	Degree	Lecturer	MSRIT, Bangalore
5	04.07.2000	20.08.2005	5.2	Degree	Senior Lecturer	JSSATE, Noida
6	01.07.1998	20.03.2000	1	Degree	Lecturer	JSS College for Women, Mysore
7	01.07.1998	02.07.2000	1	Degree	Visiting faculty	SJCE, Mysore
<b>Total Experience</b>			<b>19 Years</b>			

**b. Industrial Experience:** NIL

**14. Membership in various University Boards / Committees / Other (Specify):**

Sl. No.	Body	From	To	Name of the University / Institution / Organisation
1	Indian Council of Chemists	2015	2016	Indian Council of Chemists
2	Indian Society of Analytical Scientists	2015	Life Member	Indian Society of Analytical Scientists, Bangalore Chapter
3	Member of Board Of Examinations	2012	2013	Visvesvaraya Technological University Belagavi
4	ISTE	2007	Life Member	Indian Society for Technical Education

**15. Awards** : NIL

**16. Details of Books published :** 04

Sl. No.	Title	Edition	Publisher	ISBN
1	Engineering Chemistry	1 <sup>st</sup> edition, 2012	Star-Tech	-
2	Engineering Chemistry	2 <sup>nd</sup> edition, 2014	Sunstar	-
3	Engineering Chemistry	3 <sup>rd</sup> edition, 2015	Sunstar	978-93-85155-70-3
4	Engineering Chemistry	4 <sup>th</sup> edition, 2016	Sunstar	978-93-85155-70-3

**17. Number of Ph.D. Guidance** : Number of Ph.D.'s guiding - 05

**18. Field of Expertise / Interest** : Synthetic organic chemistry, Catalysis, Natural Chemistry, Biopolymers

**19. Patents** : NIL

## 20. Projects

: 02

Sl. No.	Name of the project	Principal Investigator / Co-Investigator	Amount sanctioned From	Amount	Date of start of the project	Date of completion of the project	Outcome of the project
1	VGST-CISEE/GRD-326/2014-15(2015-16)	<b>Principal Investigator</b>	April 2015	30.00 Lakhs	April 2015	ongoing	“Establishment of R&D facilities for synthesis, characterization and study on applications of proteins”
2	VGST-VTU-FDP	<b>Coordinator</b>	26 <sup>th</sup> to 30 <sup>th</sup> March 2012	2.00 Lakhs	26 <sup>th</sup> March 2012	30 <sup>th</sup> March 2012	Faculty development on “Recent Advances in Applied Chemistry and Nano Technology”

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## 21. Details of Publications:

Google scholar link : <https://scholar.google.co.in/citations?hl=en&user=DKJW0jQAAAAJ>

As on 30-08-2016

Citation indices	All	Since 2011
Citations	115	43
h-index	3	2
i10-index	2	2

Number of papers published in International Journals : 04

Number of papers published in National Journals : 01

Number of papers published in International Conferences : 05

Number of papers published in National Conferences : 09

### a. Journals: International

Sl. No.	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	G. S. Nanjundaswamy, D.Channe Gowda, Siddaramaiah	Investigation on miscibility behaviors of elastin-like polypentapeptide blends with polyvinyl alcohol in aqueous and solid state	Journal of Applied Polymer Science	Wiley online library, Journal of Applied Polymer Science	Online ISSN: 1097-4628 DOI: 10.1002/app.44624
2	N. Shashidhar Reddy, B. S. Shankara, P. Murali Krishana, C. Basavaraj,	Synthesis, Characterization, and Antibacterial Activity of Co(II), Ni(II), Cu(II), Zn(II), Cd(II), and Hg(II) Complexes of Schiff's Base Type Ligands Containing Benzofuran Moiety	International Journal of Inorganic Chemistry	Hindawi Publishing Corporation	Volume 2013 (2013), Article ID 614628, 10 pages <a href="http://dx.doi.org/10.1155/2013/614628">http://dx.doi.org/10.1155/2013/614628</a>

3	DC Gowda	New hydrogen donor: A facile method for the removal of hydrogenolysable protecting groups in peptide synthesis.	Protein and peptide letters	Bentham Science	<b>ISSN: 0929-8665</b> Vol.9 (3), pp225-230, 2002. DOI: <a href="https://doi.org/10.2174/0929866023408733">10.2174/0929866023408733</a>
4	DC Gowda	Catalytic transfer hydrogenation of aromatic nitro compounds by employing ammonium formate and 5% platinum on carbon	Synthetic Communications	Taylor and Francis	ISSN 0039-7911 Vol 30 (20), 2000. Pp 3639-3644 DOI: 10.1080/00397910008086990

b. Journals: National

Sl. No.	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	DC Gowda & S Gowda	Zinc-catalyzed ammonium formate reductions: Rapid and selective reduction of aliphatic and aromatic nitro compounds	Indian Journal of Chemistry Section B	NISCAIR publications	ISSN: 0975-0983(Online); 0376-4699(Print) 40 (1), 75-77, 2001.

c. Conferences: International

Sl. No.	Name of Co-Author	Title of Paper	Name of the Conference	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	G.S. Nanjunda swamy, Kathyayani. D and Channe Gowda. D	"Miscibility study on synthetic elastin based polypeptide with a commercially available polymer"	Advanced Polymers for Science & Technology-2016,	Department of Chemistry, School of Advanced Sciences VIT University, Vellore, INDIA	OR-05, APST-2016, October 24 – 26, 2016, Proceedings
2	Nanjundaswamy G S D C Gowda, Siddaramaiah	"An insight into the blends of synthetic peptides with other polymers-A review"	International conference on advanced materials and Technology-16	SJCE Mysore	26 <sup>th</sup> to 28 <sup>th</sup> of May 2016 OPS 40, Page No. 143, ICMAT-16 proceedings
3	D C Gowda, Siddaramaiah	"Miscibility behaviour of PVA/Poly(GVGVP) blends by viscometry, ultrasonic velocity, Refractive index, density and morphological analysis"	Polymers on the frontiers of Science and Technology, FEB 21-23, 2013.	Asian Polymer association-2013 Panjab university, Chandigarh	OL:APA-2013

4	B S Shankara, P Murali Krishna, N Shashidhara, Gopal Reddy	Synthesis , Spectra studies and biological activity of metal complexes of substituted benzofuran schff bases with Cu(II), Co(II), Ni(II), Zn(II), Cd(II), Ni(II) complexes	Synthetic and structural chemistry Dec-8-10, 2011	DOS in Chemistry Mangalore University Mangalore	PP-10: ICSSC-2011
5	N Kumara swamy	Biochemical transformation of Pentachlorophenol by lignolytic enzymes of paecilomyces species	Current trends in Chemistry & biochemistry Dec 18-19, 2009	DOS in Chemistry Bangalore University Bangalore	ICCTCB-2009, Poster-291

d. National conferences / Symposium / workshops

Sl. No.	Name of Co-Author	Title of Paper	Name of the Conference	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	D C Gowda	Study on miscibility characteristics of polypentapeptide of elastin with a classical polymer	ICC XXXIV annual conference	Uka Tarsadia University, Bardoli, Surat, Gujarat	OO-3, ICC XXXIV annual conference Souvenir <b>Dec 26-28, 2015</b>
2	Kokila N R Mrutunjaya K, Bettadaiah B K and Kumaraswamy N	A Study on phytochemical investigation and pharmacological screening of medicinal plants	Current trends in Chemical Biology	PG Department of Chemistry JSS College of Arts, Commerce & Science, Ooty Road, Mysuru - 570 025, India	Souvenir, 2014. <b>Dec 29-31, 2014</b>
3	Nanjundaswamy G S Divakar S G, Channe Gowda D and Mallu P	Synthesis, characterization and catalytic application of functionalized supporting material with ferrocene appended cobalt phthalocyanine complex.	Current trends in Chemical Biology	PG Department of Chemistry JSS College of Arts, Commerce & Science, Ooty Road, Mysuru - 570 025, India	Souvenir, 2014. <b>Dec 29-31, 2014</b>
4	Kokila N R D C Gowda and Siddaramaiah	Investigation on the miscibility of polypeptide of Elastin with synthetic water soluble polymer in solution and solid state	National conference on Pure and applied chemistry	DOS in Chemistry, University of Mysore	OP-24, Souvenir
5	B S Shankara, P Murali Krishna, N Shashidhara, Nanjundaswamy G S & V S Arun	DNA binding and cleavage activity of new (2E)-2-[(2-butyl-4-chloro-1H-imidazol-5-yl)methylidene]-N-ethylhydrazine carbothioamide with metal complexes	Recent trends in Chemical Research	Dept of Chemistry, SJCE, Mysore	OP-18, SJCE NCRTCR-2014 <b>Jan 3-4, 2014</b>
6	D C Gowda	Investigation on the Miscibility of Polypentapeptide of Elastin with Synthetic Polyvinyl alcohol in Solution and Solid state"	32 <sup>nd</sup> annual conference of Indian council of chemists Nov 28-30 <sup>th</sup> , 2013	Indian Council of Chemists, DOS in Chemistry, KARNATAK University, Dharwad	OO-03, ICC XXXII Annual Conference, 2013

7	D C Gowda	New Hydrogen Donor, A Facile for the removal of hydrogenolysable Protecting Groups in Peptide Synthesis	20 <sup>th</sup> Conference of Indian council of Chemists 22-24 Dec-2001	Indian Council of Chemists, DOS in Chemistry, Mysore	ICC XXI Annual Conference, 2001
8	D C Gowda	Zinc Catalysed Ammonium formate Reduction: A Mild Reagent for Efficient Reduction of Carbonyl Compounds to Alcohols”	Recent Trends in structure, Functions, Analysis of Molecules and Applications 28-30 OCT- 1999	DOS in Chemistry, University of Mysore Under the auspices of Sir M Visvewaraiah Chair, Mysore	O-20, CSIR, DST and UOM Abstracts
9	D C Gowda	Catalytic Transfer Hydrogenation of Aromatic Nitrocompounds by Employing Ammonium Formate and 5% Platinum on Carbon	17 <sup>th</sup> Conference of Indian council of Chemists 26-28, Nov-1998	Indian Council of Chemists, University of Madras, Chennai	ICC XVII th Annual Conference, 1998

Sl No.	Name of the Programme	Organized by	Date & Duration
1.	Accreditation process for Technical institutions	JSSATE, Bengaluru	26.8.2016 to 27.8.2016
2.	Indian Society of Analytical Scientists	Atomic Minerals Directorate for Exploration and Research, Bangalore	15/7/2015
3.	“Nanostructured Carbon Doped Nanocomposites”	IIT Kanpur	29.12.2014 to 02.01.2015
4.	Modern trends in Chemical research and their applications	NMAMIT, NITTE	10.7.2014 to 11.7.2014
5.	Applications of solar energy and photovoltaics	IIT Delhi	12.12.2012 to 18.12.2012
6.	VTU-VGST Faculty Development Programme on “Recent trends in Applied chemistry and Nano-Technology”	26-30 March 2012	Chemistry Dept, JSSATE, Bengaluru
7.	International conference on synthetic and structural chemistry	DOS in Chemistry, Mangala Gangotri, Mangalore university, Mangalore.	08.12.11 to 10.12. 2011
8.	Faculty development Programme “ Current trends in organometallic chemistry”	National institute of Technology, Calicut	04.07.11 to 08.07. 2011
9.	Faculty development program on “Recent advances in chemistry and material science	Ghousia college of Engg, Ramanagaram	02-02-11 to 04-02-2011
10.	National Science day	28 <sup>th</sup> Feb 2011	JSSATE, Bengaluru
11.	One day workshop on “Recent advances in electrochemical and surface science & engg	BNM IT, Bangalore	26-08-2010
12.	National conference on “ Recent trends in Chemical research” at NITK Suratkal between 8-10, March 2010.	National institute of Technology, Karnataka. Suratkal.	08.03.10 to 10.03.2010
13.	Recent trends in battery technology (work shop)	BIT, Bangalore, & Electrochemical society of India,	24.02.2007
14.	STTP on Nano materials an emerging area of material and technology	Dr AIT, Bangalore	17.04.06 to 21.04.2006
15.	“International Conference on water and Health” at SJCE Campus, Mysore-04, India from January 22-23. 2005.International conference on water and health	SJCE, Mysore-04	22.01.05 to 23.01.2005

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1.	Accreditation process for Technical institutions	JSSATE, Bengaluru	26.8.2016 to 27.8.2016
2.	Indian Society of Analytical Scientists	Atomic Minerals Directorate for Exploration and Research, Bangalore	15/7/2015
16.	UGC sponsored Orientation course for University and College teachers on "An integrated approach to knowledge and information" with the theme of 'Research and Development in India: Current frontiers'	National Institute of Advanced studies Indian Institute of Science Campus, Bangalore-12.	10.02.05 to 02.03.2005