



JSS MAHAVIDYAPEETHA  
**JSS COLLEGE OF ARTS, COMMERCE & SCIENCE**  
(An Autonomous College of University of Mysore)  
Re-accredited by NAAC with 'A' grade  
Recognised by UGC as "College with Potential for Excellence"  
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## PG Department of Chemistry

1. Name: **Dr. L. Mallesha**
2. Date of Birth: 05-04-1983
3. Qualification: M.Sc., Ph.D.
4. Designation: Assistant Professor
5. Date of entry into service: 12-08-2011
6. Experience: a) In the same institution: 2 Year 6 Months  
b) In other institutions: 6 Months
7. Contact No./ Email: 7795101182, mallesha83@gmail.com

### 8. Positions held:

#### a) College:

\*Bodies like GB/AC, BOS, BOE, Committees, Coordinator (COC)  
NCC, NSS, Scouts, Red Cross, any other

<b>Bodies*</b>	<b>Position</b>	<b>Year</b>
BOS	Member	2012-13
Accommodation Committee	Member	2012-13
Admission Committee	Member	2012-13
National festival Committee	Member	2012-13

#### b) Outside the college:

<b>Name of the Institution/Association/ Organization/Forums</b>	<b>Position</b>	<b>Year</b>
S. J. College of Engineering, Mysore	Member (NCRTCR-2014)	2013-14
S. J. College of Engineering, Mysore	Co-guide	2013-14
NCRTCR-2014, SJCE, Mysore	Member	2013-14
JSS old student association, Mysore	Member	2007-08

### 9. Publications in journals/magazines:

(Give details in Annexure B)

Year	Number
2013	09
2012	13
2011	04
2010	03
2009	08

### 11. Papers presented in Seminars/ Conferences/ Symposia:

(Give details in Annexure B)

Year	Event	Number
2013	Two days international conference on Recent advances in material science and technology	1
2011	Two days International Symposium on Challenges in Drug Discovery Programme	1
2010	1) Two days National Seminar on Recent Research Trends in Synthetic Organic and Natural Products Chemistry 2) Two days National Conference on Materials: Nano to Macro Dimensionality and their varied Applications	2
2009	1) The 238 <sup>th</sup> ACS National Meeting 2) Two days National Conference on the Emerging Areas in Chemistry 3) Two days International Conference on Current Trends in Chemistry and Biochemistry	3

### 12. Participation in Seminars/ Conferences/ Symposia/ Workshops:

(Give details in Annexure C)

Year	Event	Number
2013	1) One day Workshop on Basic Techniques in Instrumental Methods 2) One day National Conference on Fundamental and Applied Chemistry. 3) One day Workshop on Basic Techniques in Instrumental Methods. 4) One day Workshop on Cyber Systems. 5) One day National conference on "Fundamental and Applied Chemistry	5
2012	1) Two days Orientation programme for Undergraduate and Postgraduate teachers. 2) One day Orientation programme on Life skills and ICT Enabled. Teaching.	2

2011	<ol style="list-style-type: none"> <li>1) One day Seminar on Emerging Trends and Future Prospects in Phytopharmaceuticals.</li> <li>2) One day Seminar on Chemistry of Materials.</li> <li>3) One day program on International Year of Chemistry.</li> <li>4) One day program on International Year of Chemistry.</li> <li>5) Two days national conference on Social Relevance of Chemical Sciences.</li> </ol>	5
2010	<ol style="list-style-type: none"> <li>1) Three day workshop on Diffraction and Scattering.</li> <li>2) One day National Seminar on recent advances in organic synthesis and biosciences.</li> <li>3) Two days National Workshop on Advances in Chemical Sciences.</li> </ol>	3
2008	<ol style="list-style-type: none"> <li>1) One day State Level Seminar on Recent Trends in Chemistry.</li> <li>2) Two days National Conference on Recent trends in Coordination and Organometallic Chemistry</li> <li>3) One day National Seminar on Nanotechnology - past, present and future.</li> <li>4) Two days National Workshop on NMR spectroscopy - theory and applications</li> </ol>	4
2005	<ol style="list-style-type: none"> <li>1) Three days National Symposium on Bioorganic and medicinal Chemistry</li> </ol>	1

### 13. Research projects:

Sl. No.	Title of the project	Funding agency	Amount	Duration	Minor/Major/Others
1	Synthesis, anti-angiogenic and anti-inflammatory activities of 4-(2-fluoro-4-nitrophenoxy)-2-chloropyridine derivatives	UGC (Submitted)	13,41,000	3 Years	Major

### 14. Achievements and awards:

Awarded Junior Research Fellowship (**RFSMS-JRF**) by University Grants Commission, India (March 2008 to January 2011).

15. Any other information: Guided M. Sc. Chemistry students for their dissertation/projects (2012-13).

Date:

Signature

### Annexure A: Papers published

Sl. No.	Authors	Title	Journal name	Year/Vol ./Pg. No.	Impact factor
1	B. N. Prasanna kumar, K. N. Mohana and <b>L. Mallesha</b>	Synthesis and antiproliferative activity of some new fluorinated Schiff bases derived from 1,2,4-triazoles	Journal of Fluorine Chemistry	2013, 156, 15	1.94
2	B. N. Prasanna kumar, K. N. Mohana and <b>L. Mallesha</b>	Synthesis, characterization and <i>in vitro</i> antimicrobial evaluation of new 5-chloro-8-bromo-3-aryl-1,2,4-triazolo[4, 3-c]pyrimidines	Medicinal Chemistry Research	2013, DOI 10.1007/s00044-013-0656-7	1.61
3	S. Nagashree, <b>L. Mallesha</b> and P. Mallu	Synthesis, characterization and <i>in vitro</i> biological studies of 6-chloro-pyridin-2-yl-amine derivatives	Der Pharma Chemica	2013, 5, 55	0.40
4	K. P. Harish, K. N. Mohana and <b>L. Mallesha</b>	Synthesis of novel 2,5-disubstituted-1,3,4-thiadiazole derivatives and their <i>in vivo</i> anticonvulsant activity	Russian Journal of Bioorganic Chemistry	2013, 40, 108	0.52
5	B. N. Prasanna kumar, K. N. Mohana and <b>L. Mallesha</b>	Synthesis and <i>In Vitro</i> Antimicrobial Evolution of New 1,3,4-Oxadiazoles Bearing 5-Chloro-2-Methoxy phenyl Moiety.	International Journal of Medicinal Chemistry,	2013, 6, 1	Awaited
6	K. P. Harish, K. N. Mohana, <b>L. Mallesha</b> , B. Veeresh, B. Madhava Reddy and N.Naresh Kumar	Synthesis and Evaluation of <i>In Vivo</i> Anticonvulsant Activity of 2,5-Disubstituted-1,3,4-Oxadiazole Derivatives	Letters in Drug Design and Discovery	2013/ 10/ 1	0.85

7	B. N. Prasanna kumar, K. N. Mohana and <b>L. Mallesha</b>	Synthesis of <i>N</i> -[5-Aryl-1,3,4-oxadiazole-2-yl)methyl]-4-methoxyaniline derivatives and their anticonvulsant activity.	Journal of Chemistry	2013/2013/1	0.48
8	K. P. Harish, K. N. Mohana <b>L. Mallesha</b> and B. Veeresh	Synthesis and evaluation of <i>in vivo</i> anticonvulsant activity of 2-methyl-2-[3-(5-piperazin-1-yl-[1,3,4]oxadiazol-2-yl)-phenyl]-propionitrile derivatives	Archiv Der Pharmazie	2013/346/1	1.54
9	K. P. Harish, K. N. Mohana, <b>L. Mallesha</b> and B. N. Prasanna kumar	Synthesis of novel 1-[5-(4-methoxy-phenyl)-[1,3,4]oxadiazol-2-yl]-piperazine derivatives and evaluation of their <i>in vivo</i> anticonvulsant activity	European Journal of Medicinal Chemistry	2013, 65, 276	3.52
10	B. C. Manjunath, M. M. M Abdoh, <b>L. Mallesha</b> , K. N. Mohana and N. K. Lokanath	4-[(3-Chloro-2-methylphenyl)iminomethyl] phenol	Acta Crystallographic a Section E	2012, 68, 3191	0.40
11	MohanKumar, <b>L. Mallesha</b> , M. A. Sridhar, Kamini Kapoor, Vivek K. Gupta and Rajni Kant	N-(2-[5-Bromo-2-(piperidin-1-yl)-pyrimidin-4-yl]sulfanyl)-4-methoxyphenyl)-2,4,6-trimethylbenzenesulfonamide	Acta Crystallographic a Section E	2012, 68, 2767	0.40
12	Mohan Kumar, <b>L. Mallesha</b> , M. A. Sridhar, Kamini Kapoor, Vivek K. Gupta and Rajni Kant	N-(2-[5-Bromo-2-(piperidin-1-yl)-pyrimidin-4-yl]sulfanyl)-4-methoxyphenyl)-2,4,6-trimethylbenzenesulfonamide	Acta Crystallographic a Section E	2012, 68, 3209	0.40
13	MohanKumar, <b>L. Mallesha</b> , M. A. Sridhar, Kamini	N-[2-(5-Bromo-2-morpholin-4-ylpyrimidin-4-yl)sulfanyl)-4-methoxy phenyl]-2,4,6-trimethylbenzenesulfonamide	Acta Crystallographic a Section E	2012, 68, 3061	0.40

	Kapoor, Vivek K. Gupta and Rajni Kant				
14	Rajni Kant, Vivek K. Gupta, Kamini Kapoor, MohanKumar, <b>L. Mallesha</b> and M. A. Sridhar	N-(2-{[5-Bromo-2-(morpholin-4-yl)-pyrimidin-4-yl]sulfanyl}-4-methoxyphenyl)-4-methylbenzenesulfonamide	Acta Crystallographic a Section E	2012, 68, 2590	0.40
15	MohanKumar, <b>L. Mallesha</b> , M. A. Sridhar, Kamini Kapoor, Vivek K. Gupta and Rajni Kant	N-(2-{[5-Bromo-2-(morpholin-4-yl)-pyrimidin-4-yl]sulfanyl}-4-methoxyphenyl)-4-chlorobenzenesulfonamide	Acta Crystallographic a Section E	2012, 68, 2800,	0.40
16	Mohan Kumar, <b>L. Mallesha</b> , M. A. Sridhar, Kamini Kapoor, Vivek K. Gupta and Rajni Kant	N-(2-{[5-Bromo-2-(piperidin-1-yl)-pyrimidin-4-yl]sulfanyl}-4-methoxyphenyl)-4-methylbenzenesulfonamide	Acta Crystallographic a Section E	2012, 68, 2800	0.40
17	S. Nagashree, P. Mallu, <b>L. Mallesha</b> and Bindya	Synthesis, characterization and antimicrobial activity of methyl-2-aminopyridine-4-carboxylate derivatives	Journal of Chemistry	2012, 5, 2013	0.70
18	S. Nagashree, <b>L. Mallesha</b> , N. A. Chamaraja and P. Mallu	Synthesis and antimicrobial activity of imatinib intermediates with chloranilic and picric acids	JSSCM	1, 53, 2012	Awaited
19	Mallikarjunas wamy, D. G. Bhadregowd a and <b>L. Mallesha</b>	CSynthesis and antimicrobial activity of pyrimidine salts with chloranilic and picric acids".	Journal of Chemistry	2012, 5, 2013	0.50
20	Mallikarjunas wamy, <b>L. Mallesha</b> ,	Studies on synthesis of pyrimidine derivatives and their antimicrobial activity".	Arabian Journal of Chemistry	2012, 12, 345	2.20

	D.G. Bhadregowda and Othbert Pinto				
21	<b>L. Mallesha</b> , K. N. Mohana and B. Veeresh	Synthesis and biological activities of Schiff bases of gabapentin with different aldehydes and ketones: A structure-activity relationship study	Medicinal Chemistry Research	2012, 21, 1	1.60
22	<b>L. Mallesha</b> , K. N. Mohana, B. Veeresh, R. Alvala and A. Mallika	Synthesis and in vitro antiproliferative activity of 2-methyl-3-(2-piperazin-1-yl-ethyl)-pyrido[1,2-a]pyrimidin-4-one derivatives against human cancer cell lines	Archive Pharmacal Research	2012, 35, 51,	1.80
23	K. N. Mohana, <b>L. Mallesha</b> and D. M. Gurudatt	Synthesis and antimicrobial activity of 5-aminoquinoline and 3-aminophenol derivatives	International Journal of Drug Design and Discovery	2011, 2, 584	0.30
24	K. N. Mohana and <b>L. Mallesha</b>	Synthesis and in vitro biological activity of N-(5-amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidinamine derivatives	Bulgarian Chemical Communications	43, 2, 2011.	0.72
25	<b>L. Mallesha</b> , K. N. Mohana, D. Rakshith and S. Sathish	Synthesis and antimicrobial activity of 2-methyl-5-nitroaniline derivatives	Chinese Journal of Chemistry	2011, 29, 102	1.05
26	<b>L. Mallesha</b> , K. N. Mohana	Synthesis, antimicrobial and antioxidant activities of 1-(1,4-benzodioxane-2-carbonyl)piperazine derivatives	European Journal of Chemistry	2011, 2, 193	0.71
27	<b>L. Mallesha</b> and K. N. Mohana	Synthesis and in vitro antimicrobial activity of N-(5-amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidinamine derivatives	Journal of chemical and pharmaceutical research	2010, 2, 75	0.20
28	<b>L. Mallesha</b> and K. N.	Synthesis and in vitro biological activity of organic	International Journal of Drug	2010, 1,	0.40

	Mohana	charge-transfer complexes of lansoprazole, fluconazole, gabapentin and gabalactum with chloranilic and picric acids	Design & Discovery	115	
29	<b>L. Mallesha</b> and K. N. Mohana	Synthesis and in vitro biological activity of charge-transfer complexes of stavudine and its intermediates with chloranilic and picric acids	International Journal of ChemTech Research	2010, 2, 920	0.20
30	J. P. Jasinski, R. J. Butcher, H. S. Yathirajan, <b>L. Mallesha</b> , K. N. Mohana and B. Narayana	Crystal structure of a second polymorph of gabapentin hydrochloride hemihydrate with a three-center bifurcated hydrogen bond	Journal of Chemical Crystallography	2009, 39, 777	0.60
31	J. P. Jasinski, R. J. Butcher, H. S. Yathirajan, <b>L. Mallesha</b> , K. N. Mohana and B. Narayana	Crystal structure of abacavir hemisulfate: A nucleoside analog reverse transcriptase inhibitor	Journal of Chemical Crystallography	2009, 39, 864	0.60
32	J. P. Jasinski, R. J. Butcher, <b>L. Mallesha</b> , K. N. Mohana, H. S. Yathirajan, and B. Narayana	Dual chlorine-bifurcated acceptor Cl $\cdots$ H-(N,O) hydrogen bonds in 4-[(4-methylpiperazin-1-yl)methyl]benzoic acid dihydrochloride hemihydrates	Journal of Chemical Crystallography	2009, 39, 773,	0.60
33	H. Li, H. S. Yathirajan, <b>L. Mallesha</b> , K. N. Mohana and B. Narayana	Crystal structure of gabapentinium picrate	Acta Crystallographic a Section E	2009, 65, 783	0.60
34	J. P. Jasinski, R. J. Butcher, H. S. Yathirajan, <b>L.</b>	Crystal structure of 4-[(E)-(2,4-difluorophenyl)(hydroxyimino)methyl]piperidinium picrate	Acta Crystallographic a Section E	2009, 65, 2365	0.60



	<b>Mallesha</b> and K. N. Mohana				
35	J. P. Jasinski, R. J. Butcher, <b>L. Mallesha</b> , K.N.Mohana, H.S. Hathirajan, B. Narayana	Crystal structure of 2',3'-di-o-acetyl-5'-deoxy-5-fluorocytidine with N-H...(O.F) proton donor bifurcated and (C,N)-H...O bifurcated acceptor dual three-centre hydrogen bond configurations	Journal of Chemical Crystallography	2009, 39, 433	0.60
36	J. P. Jasinski, R. J. Butcher, <b>L. Mallesha</b> , K.N.Mohana, H.S. Hathirajan, B. Narayana	Intermolecularly associated carboxylic acid dimers in the supramolecular assembly of (R)-1,4-benzodioxane 2-carboxylic acid	Journal of Chemical Crystallography	2009, 39, 453,	0.60
37	J. P. Jasinski, R. J. Butcher, <b>L. Mallesha</b> , K.N.Mohana, H.S. Hathirajan, B. Narayana	Crystal structure of 3-oxo-4-aza-5-alpha-androsone-17 $\beta$ -tert-butyl carboxamide with an O...H-(C, N) acceptor four-center hydrogen bond	Journal of Chemical Crystallography	2009, 39, 458	0.60

### Annexure B: Papers presented

Sl. No.	Date	Event	Place	Organized by	Title of the paper presented
1	January 17-19, 2013	Two days international conference on Recent advances in material science and technology	Mangalore	Department of Chemistry, NITK, Surathkal	Synthesis, characterization and antimicrobial activity of methyl-2-aminopyridine-4-carboxylate derivatives
2	February 16-17, 2011	Two days International Symposium on Challenges in Drug Discovery Programme	Mysore	Karnataka State Open University, Manasagangoti	Synthesis and in vitro antiproliferative activity of 2-methyl-3-(2-piperazin-1-yl-ethyl)-pyrido[1,2-a]pyrimidin-4-one derivatives against human cancer cell lines

3	March 29-30 <sup>th</sup> , 2010	Two days National Seminar on Recent Research Trends in Synthetic Organic and Natural Products Chemistry	Tirupati	Department of Chemistry, Sri Venkateswara University	Synthesis and antioxidant activity of novel 1-(1, 4-benzodioxane-2-carbonyl)piperazine derivatives
4	January 28-29 <sup>th</sup> , 2010	Two days National Conference on Materials: Nano to Macro Dimensionality and their varied Applications	Tamil Nadu	Department of chemistry, Manonmanian Sundaranar University, Tirunelveli,	Synthesis, Characterization and In Vitro Antimicrobial Activity of Novel 2-Methyl-5-nitroaniline Derivatives
5	August 16-20 <sup>th</sup> , 2009	The 238 <sup>th</sup> ACS National Meeting	USA	Washington, DC, USA	Title: (1). Unusual hydrogen bonding effects in biomolecules, PP INOR-486-487, (presented inabsencia). (2). Intermolecularly associated carboxylic acid dimers in the supermolecular assembly of 1, 4-benzodioxane 2-carboxylic acid (presented inabsencia)
6	December 18-19 <sup>th</sup> , 2009.	Two days International Conference on Current Trends in Chemistry and Biochemistry	Bangalore	Department of Chemistry and Biochemistry, Bangalore University, Bangalore	Synthesis and in vitro biological activity of N-(5-amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidinamine derivatives
7	July-August 31-1 <sup>st</sup> , 2009	Two days National Conference on the Emerging Areas in	Mysore	Department of Studies in Chemistry, University of Mysore	Synthesis and antimicrobial activity of charge-transfer complexes of N-(5-Amino-2-

		Chemistry			methylphenyl)-4-(3-pyridyl)-2-pyrimidinamine with some acceptors
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### Annexure C: Participation

Sl. No.	Date	Event	Place	Organized by
1	4 <sup>th</sup> October 2013	One day National Conference on Fundamental and Applied Chemistry	Dhirajlal Gandhi College of Technology, Salem, Tamil Nadu	Dhirajlal Gandhi College of Technology
2	27 <sup>th</sup> March 2013	UGC sponsored one day Workshop on Basic Techniques in Instrumental Methods	JSS College, Ooty Road, Mysore-25	JSS college of Arts, commerce and Science
3	23 <sup>rd</sup> March 2013	One day Workshop on Cyber Systems	JSS College, Ooty Road, Mysore-25	JSS college of Arts, commerce and Science
4	27 <sup>th</sup> March 2013	One day Workshop on Basic Techniques in Instrumental Methods.	JSS College, Ooty Road, Mysore-25	JSS college of Arts, commerce and Science
5	5 <sup>th</sup> October 2013	One day National conference on "Fundamental and Applied Chemistry	Salem, Tamilnadu	Department of Chemistry, Dhirajlal Gandhi College of Technology, Salem, Tamilnadu
6	December 7-8 <sup>th</sup> , 2012.	Two days Orientation programme for Undergraduate and Postgraduate teachers.	JSS college of Arts, commerce and Science, Mysore	JSS college of Arts, commerce and Science
7	February 25 <sup>th</sup> , 2012	One day Orientation programme on Life skills and ICT Enabled.	JSS college of Arts, commerce and Science, Mysore	JSS college of Arts, commerce and Science,

8	December 8 <sup>th</sup> , 2011	One day Seminar on Emerging Trends and Future Prospects in Phytopharmaceuticals.	JSS college of Arts, commerce and Science, Mysore.	JSS college of Arts, commerce and Science
9	November 25 <sup>th</sup> , 2011	One day Seminar on Chemistry of Materials.	SJCE, Manasagangoti, Mysore	Sri Jayachamarajendra college of <del>Engineering</del>
10	October 24 <sup>th</sup> , 2011	One day program on International Year of Chemistry.	Hassan	PG Department of Chemistry
11	October 14 <sup>th</sup> , 2011	One day program on International Year of Chemistry.	JSS college of Arts, commerce and Science, Mysore	JSS college of Arts, commerce and Science
12	March 26-27, 2011	Two days national conference on Social Relevance of Chemical Sciences.	Department of Chemistry, Kuvempu University, Shankaraghatta, Shimoga	Department of Chemistry
13	February 26-28 <sup>th</sup> , 2010	Three day workshop on Diffraction and Scattering.	Department of Physics, University of Mysore, Mysore	Department of Physics
14	February 18 <sup>th</sup> , 2010	One day National Seminar on recent advances in organic synthesis and biosciences.	Department of Chemistry, Christ University, Bangalore	Department of Chemistry

15	January 22-23 <sup>th</sup> , 2010	Two days National Workshop on Advances in Chemical Sciences.	Sri Bhagawan Mahaveer Jain College of Engineering, Bangalore	Sri Bhagawan Mahaveer Jain College of Engineering
16	September 13 <sup>th</sup> , 2008	One day State Level Seminar on Recent Trends in Chemistry.	Bharathinagara, Mandya	Bharathi college,
17	July 17-18 <sup>th</sup> , 2008	Two days National Conference on Recent trends in Coordination and Organometallic Chemistry	Sri Ramakrishna mission Vidyalaya College of arts and science, Coimbatore	Sri Ramakrishna mission Vidyalaya College of arts and science
18	April 4 <sup>th</sup> , 2008.	One day National Seminar on Nanotechnology - past, present and future.	Kuvempu University, Shimoga	Department of Chemistry
19	March 28-29 <sup>th</sup> , 2008	Two days National Workshop on NMR spectroscopy - theory and applications	Madurai Kamaraj University, Madurai	Department of Chemistry
20	October 5-7 <sup>th</sup> , 2005	Three days National Symposium on Bioorganic and medicinal Chemistry	Department of Studies in Chemistry, University of Mysore, Mysore	Department of Studies in Chemistry