

Dr. Latha M S

M.Sc., M.Phil., Ph.D., MISTE

Present Affiliation-

Designation: Associate Professor
Department of PG Studies in Chemistry,
Adhikavi Sri Maharshi Valmiki University,
Raichur, Karnataka, India.

E-mail: lathamschem97@gmail.com

Cell: +91-9964428253



Brief Profile

Dr. Latha M. S. is currently working as **an Associate Professor & Chairperson** in the Department of PG Studies in Chemistry, and also serves as the **Dean, Faculty of Arts, and Deputy Registrar for Academics, Examinations, and Finance** at Adhikavi Sri Maharshi Valmiki University, Raichur since **September 2024**.

Before joining ASMV University, she served for **five** years at **KLE's R. L. Science Institute (Autonomous), Belagavi** as an Assistant Professor and also as the **Controller of Examinations (CoE) and Autonomous Coordinator**.

She completed her **B.Sc.** in **2004** from **Sahyadri Science College, Kuvempu University, Shivamogga, Karnataka**, and subsequently obtained a **Master's Degree** in Chemistry from the Department of Studies and Research in Chemistry, **Kuvempu University, Shankaraghatta**, in **2006**. She was awarded the **M.Phil.** degree in **2009** and the **Ph.D.** in General Chemistry from Kuvempu University, Shankaraghatta, Karnataka, in March **2013**.

Before joining R. L. Science Institute (Autonomous), Belagavi, she rendered **13 years** of dedicated **service** at the **G. M. Institute of Technology, Davangere**. During her tenure at GMIT, she worked in various capacities—as **Lecturer** for 7 years, **Assistant Professor** for 5 years, and later promoted to **Associate Professor**, serving the institute until March 2020. She also served as **Dean, Women's Empowerment Committee**, and **Dean, Anti-Sexual Harassment Committee** during this period.

With over **19 years** of teaching and research experience, Dr. Latha has **one patent** to her credit and has published more than **41 research papers** in reputed national and international journals. She has also presented over **20 papers** at various conferences. To date, she has published nine textbooks and two book chapters.

Under her supervision, **six** research scholars have been **awarded Ph.D. degrees** from **Visvesvaraya Technological University (VTU), Belagavi**, and four more scholars are currently pursuing their Ph.D. degrees under her guidance.

She has visited **countries** such as **Saudi Arabia (Jeddah), UAE, Dubai, and Sharjah** on **academic and research assignments** in December 2023.

At R. L. Science Institute, Belagavi, she took up several academic and administrative assignments including **UGC Coordinator, Autonomous Coordinator, Criterion-II Coordinator** for NAAC, **NSQF Certificate Course Coordinator, IIC Member**, and **Controller of Examinations**.

Her examination-related responsibilities include **question paper setting for UG, PG, and Ph.D. programs, digital evaluation for UG and Ph.D. coursework examinations**, serving as **internal and external examiner** for practical examinations, and **examiner for Ph.D. comprehensive** viva examinations at VTU.

She is currently serving as a **Research Advisory Committee Member for Ph.D. scholars at Visvesvaraya Technological University, Belagavi, Bagalkot University, Jamkandi** and **BOS member** for Navodaya Institute of Technology (Autonomous), Raichur.

-S/d

Dr. Latha M. S.

Curriculum Vitae

Dr. Latha M S

M.Sc., M.Phil., Ph.D., MISTE

Present Affiliation-

Designation: Associate Professor
Department of PG Studies in Chemistry,
Adhikavi Sri Maharshi Valmiki University,
Raichur, Karnataka, India.

E-mail: lathamschem97@gmail.com

Cell: +91-9964428253



ACADEMIA

Doctor of Philosophy (Ph.D.) in Chemistry: -2013

Title of Ph.D. Thesis	:	“Investigation of Biological and Pharmacological screening on selected varieties of <i>Mangifera indica</i> ”
Research Supervisor	:	Dr. K. P. Latha Professor, @ Department of Chemistry, Sahyadri Science College (Autonomous), Shimoga, Karnataka, India
Research Area in Ph.D.	:	Medicinal Chemistry / Pharmaceutical Chemistry/Drugs/Nanotechnology/Material science etc
Broad Area of Research	:	Organic/ Inorganic Chemistry, Analytical Chemistry, Material Science, Nano-technology.
2004-2006	:	M.Sc. Chemistry (68.86 %) (Specialization: General Chemistry), Kuvempu University, Shankaraghatta, Shimoga.
2001-2004	:	B.Sc. (64.66%) (Chemistry, Botany and Zoology), Sahyadri Science College (Autonomous), Kuvempu University, Shimoga

PROFESSIONAL EXPERIENCE (#~19 years)

Designation	Institution or College	Period		Grade of pay scale UGC / State
		From	To	
Lecturer	GM Institute of Technology, Davangere	Sept-2006	July-2014	AICTE 5 th Pay scale (Pay Band 8000-13500)
Assistant Professor	GM Institute of Technology, Davangere	Aug-2014	July-2016	AICTE 6 th Pay scale (Pay Band 15,600-39,100 + AGP 6000/-)
Associate Professor	GM Institute of Technology, Davangere	Aug-2016	March 2020	AICTE 6 th Pay scale (Pay Band 37,400-67,000+ AGP 9000/-)
Assistant Professor	<i>KLE SOCIETY'S R L Science Institute, Belagavi</i>	March 2020	September 2024	UGC 7 th Pay scale
Associate Professor	Raichur University, Raichur	September 2024	Till date	UGC 7 th Pay scale

RESPONSIBILITIES

2024

- Deputy Registrar for Examination:** Appointed by Raichur University, Raichur.
- Deputy Registrar for Academics:** Appointed by Raichur University, Raichur.
- Deputy Registrar for Finance:** Appointed by Raichur University, Raichur.
- Dean- Faculty of Arts:** Appointed by Raichur University, Raichur.
- Chairperson:** Department of Chemistry
Department of Women's studies
Department of Sociology
Department of Journalism and Mass Communication
- Coordinator for Assistant Professor Appointment process:** Appointed by Raichur University, Raichur.
- BOS and BOE Chairperson:** Appointed by Raichur University, Raichur.

2023	Controller of Examination: Appointed by KLE Societies RLS Institute, Belagavi.
2022	IIC Member Appointed by KLE Societies RLS Institute, Belagavi.
2021	NSQF Certificate Course Co-ordinator: Appointed by RLS Institute, Belagavi.
2020	UGC Co-ordinator: Appointed by RLS Institute, Belagavi.
2020	Autonomous Co-ordinator: Appointed by RLS Institute, Belagavi
2020	Criterion –II Convener: Appointed by RLS Institute, Belagavi.
2019	Dean, anti-sexual harassment committee: Appointed by GM Institute of Technology, Davangere since 2013 .
2017	Dean, women empowerment cell: Appointed by GM Institute of Technology, Davangere.

ACHIEVEMENTS/AWARDS

S.No	Name of Award	Organizing body/Awarding Agency	Year
1.	Inspiring Senior Faculty Award	Madras Journal Series Pvt Ltd	5 September 2020
2.	Best Paper Award	ICCEMS 2020), Organized by GM Institute of Technology, Davangere, Karnataka, India in association with Technical Institute for Engineers, Bengaluru.	17 to 18 July, 2020.

RESEARCH BACKGROUND/EXPERIENCE/PROJECTS

Objective of Research: *As a researcher, it's my primary aim to serve the science and society by means of scientific innovations dedicated to the welfare of humanity. I am always ready to accept the new challenges in research and keen to know more about the materials of interest and their applications.*

- **2016- till date: Research Guide** at **Research Centre**, Dept. Of Chemistry, GM Institute of Technology, Davangere, Karnataka, India.
Objective of the work: *Currently Guiding 05 students for their Ph.D degree under VTU Belagavi.*
- **Dec2 008–Mar 2013: Doctoral Researcher** at Dept. of Chemistry, Kuvempu University, Shankaraghatta, Shimoga, Karnataka, India.

The objective of the work: “Investigation of Biological and Pharmacological screening on selected varieties of *Mangifera indica*”

(a) Research – Doctoral Degree – Ph.D -05

Sl.No.	Name of Student / USN	Date of Registration	Research topic	Status
1	Mr. RAJITHKUMAR C R (4GM17PGA01) Full -Time	13-02-2017	“Medicinal properties evaluation of bioactive Molecules of <i>Calotropis Gigantea</i> and its application in Nanotechnology”	Awarded 2021
2	Mr. KIRAN M S (4GM15PGA02) Full -Time	13-02-2017	“Metal nanoparticles synthesis from medicinal plant Extracts and comparative study of their biological Properties”	Awarded 2021
3	Miss. PRATHIBHA PATIL Full -Time	13-02-2017	“Isolation, Characterization and Nano-Techological application of <i>Mangifera indica</i> leaves extraction”	Awarded 2023
4	Miss. SHWETHA U R (4GM18PCT01) Full -Time	27-12-2017	“Studies on pharmacological activities of <i>Areca nut</i> Husk and its Nanotechnological applications”.	Awarded 2022
5	Smt. MADHURI R (4GM16PGJ01)	06/10/2015	“Synthesis, Characterization and applications of Nanocellulose from Agricultural Residues”	Awarded 2023
6	Smt. Savita P H (4GM22GA01)	06/02/2022	“Metal nanoparticles synthesis from Arecanut plant Extracts and comparative study of their biological Properties”	Course work exams completed
7	Shri. Nagabhushan (4GM22GA02)	06/02/2022	“Studies on pharmacological activities of <i>medicinal plants</i> and its Nanotechnological applications”.	Course work exams completed
8	Shri. Shrinath Shirish	04/10/2023	“Synthesis of metal oxide Nano Particles and	Course work exams

	Joshi (4GM21PCY04)		Photocatalytic and Electrochemical study”	completed
9.	Mrs. Pooja Ramesh Patil (2SD22PCY01)	01/02/2024	Microwave assisted Green synthesis , characterization and adsorption studies on metal oxide nanoparticles	Course work exams completed

Current Research Interests:

- ✓ Medicinal chemistry
- ✓ Pharmaceutical Chemistry
- ✓ Material Science/Nanotechnology/Nano materials
- ✓ Physical/analytical characterization of novel organic compounds
- ✓ Nanocellulose
- ✓ Drugs determination
- ✓ Photochemistry

Instrumentation and Experimental Skills:

- ❖ Extensive experience in handling Spectroscopic Instruments such as: UV-visible absorption (Hitachi-U2800).
- ❖ FT-IR (NICOLET 6700) and Raman Spectrometer (NICOLET NXR FT-Raman spectrometer), HR-MS Spectrometer, Cyclic Voltammetry, Centrifuge, Spin coating machine.
- ❖ Softwares/Tools/Applications: Originpro, Mercury 3.8 pro, ChemSketch, Chemdraw, Ink Scape, MS Office, knowledge of formatting hard drives, installing Operating systems and software.

RESOURCE PERSON

- Delivered a lecture on “Water Pollution and Sustainability” and “Consultant Resource Person” for Chemical Balance Company, Jeddah, Saudi Arabia, from 21/12/2023 to 26/12/2023.

SHORT TERM COURSES ATTENDED

1. Short – Term training program on “Industrial pollution control” held at Bapuji Institute of Engineering and Technology from June 16th to 20th 2008.
2. Short term course on “Hazardous material and Environmental management” under the “Quality Improvement Programme” of all India council for technical education, New Delhi conducted during 25th to 29th January 2010, held at Indian Institute of Science, Bangalore.
3. Short term course on “Re-Engineering of environmental impact assessment process faculty development programme” held at Bapuji Institute of Engineering and Technology, Davangere from March 5th to 7th 2011.
4. Participated in “FEEL TEACHER” Learning and Development Intervention organized by GMIT, Davangere and conducted by CLHRD, Managlore during July 27-29, 2015.

5. Participated in the two-day workshop on “Intellectual Property Rights (IPR)” organized by KSCST-GMIT IPR Cell in associated with Patent Information Rights, Karnataka State Council for Science & Technology, Bengaluru, held on 17th & 18th September 2018.

PUBLICATIONS

A. Patent : 01(Published)

1. Published PATENT entitled « Phytochemical Investigation and Anti-Oxidant Capacity of Flavonoid Rich Fraction of *Mangifera indica* Linn. » (Application no. 201941045036 & CBR no. 36342) to the Controller of the Patents – Chennai patent office, India. 19th feb 2021.

B. Book and Book Chapter Publication:

1. Nanomaterials for Biomedical and Bioengineering Applications (Book Chapter): Metallic Nanoparticles for Biomedical Applications (chapter 18), Yashaswini, G A Swetha, Virupaxappa S Betageri, Latha M S, and Y B Vinay Kumar: p.no. 459; Springer: ISBN 978-981-97-0220-6; ISBN 978-981-97-0221-3(e-book) <http://doi.org/10.1007/998-981-97-0221-3>.
2. Concise General Chemistry :(Volume-1), Latha M S, Virupaxappa S Betageri and Kirthi S Byadagi: Infinite Solutions publications, ISBN- 978-81-964091-5-9 (Aug-2023).
3. Basic concepts of Chemistry for Engineering students: (Volume-2), Virupaxappa S Betageri, Latha M S and Madhuri R: Infinite Solutions publications, ISBN- 978-81-964091-2-8 (Aug-2023).
4. Principles of General Chemistry: (Volume-3), Virupaxappa S Betageri, Latha M S and Shwetha U R: Infinite Solutions publications, ISBN- 978-81-964091-4-2 (Aug-2023).
5. Fundamentals of chemistry: (Volume-4), Latha M S, Virupaxappa S Betageri and Pratibha Patil: Infinite Solutions publications, ISBN- 978-81-964091-3-5 (Aug-2023).
6. Organic Molecules - Efficacy, Remedies and Therapeutics(Book Chapter): Tempo-mediated Synthesis and Characterization of cellulose Nanofibers from Sugar cane Bagase,(Chapter 4): Onkarappa H S., Virupaxappa S Betageri, Latha M S and Prakash G K,;p.no. 63, Jaya publishing house, ISBN: 978-93-90611-97-3
7. Textbook of Medicinal Chemistry: Biological importance of Medicinal Plants, Latha M S, Virupaxappa S Betageri, Gonibasappa Pujar; LAMBERT Academic Publishing (LAP), ISBN- 13: 978- 620-0-43217-9, ISBN-10, 6200432171, EAN: 9786200432179 (27 Sept, 2019).
8. Textbook of Pharmaceutical Chemistry: Analysis of Drugs, LAMBERT Academic Publishing (LAP), Virupaxappa S Betageri, Latha M S, ISBN- 978-620-0-43115-8.
9. Textbook of Engineering Chemistry: Chemistry for Engineering Students, LAMBERT Academic Publishing (LAP), Virupaxappa S Betageri, Latha M S, ISBN- 978-613-9-81867-9.

C. International/ National journals:

1. "Structural and Dielectric Properties of Strontium Ferrite Doped Polyaniline Composite"
Satish Jogad, , Rakesh Vishwarup, Latha M S, V S Betageri, G H Pujar, Letters in High Energy Physics., ISSN: 2632-2714., 7146-7162 (December 2024) **Impact Factor:5.5**
2. "Molecular Docking, In-Vitro Antimicrobial, Antioxidant, and DNA Cleavage Studies of Bis-Coumarin Pyridine Schiff Base metal Chelates"
GeetaDnyandev Navi, Latha M S, Virupaxappa S Betageri, Vinod H Naik., Letters in High Energy Physics., ISSN: 2632-2714., 7146-7162 (December 2024) **Impact Factor:5.5**
3. "Synthesis, Spectral Characterization Of Co(II), Ni(II), Cu(II) And Zn(II) Complexes Of Schiff Bases Derived From 2-Hydroxy/2-Mercapto-3-Formyl Quinoline And 2,6-Diaminopyridine And Their Biological Studies"
Geeta Dnyandev Navi, Vinod H Naik, M S Latha, K S Manjunatha, H R Mallikarjun. D G Praveen Kumar, B M Prasanna., Afr. J. Biomed. Res. Vol. 27(4s) (November2024); 13913-13930
Research Article **Impact Factor: 0.343**
4. "A Facile Synthesis of CELLULOSE Nanofibers from corn Cob and Rice Straw by Acid Hydrolysis Method"
Madhuri Rajanna, Latha Muglihalli Shivashankar, Onkarappa Honnebagi Shivamurthy, Virupaxappa Shekarappa Betageri et. al. Polymers, (Oct 2022). **Impact Factor: 4.967**
5. "Areca Catechu Leaf Extract-Mediated Synthesis of Stabilized SilverDoped-Copper Oxide Nanoparticles and its antidiabetic and anticancer studies"
Shwetha U R, Latha M S , Shilpa V A 1 , M. Ijaz Khan, Virupaxaappa S Betageri, Journal of Chemical Society: Elsevier Journal (June- 2022). **Impact Factor: 0.245**
6. "Fabricate, advancement, molecular docking and DNA reactivity of preferred divalent metal(II) complexes attributing (E)-N'-((6-hydroxybenzo[d]oxazol-5-yl) methylene) isonicotinohydrazide"
Pratibha patil, Latha M S, Virupaxaappa S Betageri, Journal of Nucleosides, Nucleotides & Nucleic Acids (June- 2022). **Impact factor: 1.167**
7. "Synthesis of Nanocellulose from Sugarcane Bagasse and Rubber wood: A Comparative Analysis"
Madhuri R, Latha M S, Onkarappa H S, Virupaxaappa S Betageri, Journal of Xi'an Shiyou University, Natural Science Edition (June- 2022). **Impact Factor. 5.6**
8. "TEMPO mediated synthesis of Nanocellulose from Terminalia Elliptica"
Madhuri R, Latha M S, Onkarappa H S, Virupaxaappa S Betageri, Journal of Xi'an Shiyou University, Natural Science Edition (June- 2022). IF 5.6
9. "Facile green synthesis of ZnO–CuO nanocomposites using areca catechu leaves and their in vitro antidiabetic and cytotoxicity studies"
U R Shwetha, M S Latha , Virupaxappa S Betageri , G H Pujar , C R Rajith Kumar , M S Kiran , M S Sunita , Nagappa B Gokavi and Shiva Prasad Kollur., Adv. Nat. Sci.: Nanosci. Nanotechnol. 12 (2022) 045011 (9pp), IF 2.379

10. "Potential antidiabetic and anticancer activity of Copper oxide Nanoparticles synthesized using Areca Catechu leaf extract"

Shwetha U R, Latha M S, Rajith Kumar C R, Kiran M S, Virupaxaappa S Betageri, *Journal of Advances in Natural Sciences: Nanoscience and Nanotechnology* (June- 2021).
DOI: <https://doi.org/10.1088/2043-6262/ac0448> (IOP Publishing) IF2.379
11. "Biogenic synthesis of NiO nanoparticles using areca catechu leaf extract and their antidiabetic and cytotoxic effects"

UR Shwetha, CR Rajith Kumar, MS Kiran, S BetageriVirupaxappa, M S Latha, GhadaLamraoui Ravindra Veerapur, A Abdulaziz, M Elgorban Abdallah., *Molecules*, 26(9): 2448. IF: 4.988
12. "Green synthesis and characterization of gold nanoparticles from Moringa oleifera leaves and assessment of antioxidant, antidiabetic and anticancer properties"

Kiran M S, Virupaxappa S Betageri,Rajith Kumar C R, Vinay S P, Latha M S; *Chemical Data Collections*, Volume 33, June 2021, 100714 (Springer). IF 2.218
13. Tempo Mediated synthesis and characterization of cellulose nanofibers from sugar cane bagasse.

Onkarappa H S, Virupaxaappa S Betageri, Latha M S and Prakash G K, *Organic Molecules: Efficiency, Remedies and Therapeutics*, Pages: 63-74, 2021.
14. "Synthesis and characterization of nanocellulose using renewable resources through Ionic liquid medium"

Onkarappa H S, Prakash G K, G H Pujar, Rajith Kumar C R, Radha V, Latha M S, Virupaxaappa S Betageri, *Journal of Advances in Natural Sciences: Nanoscience and Nanotechnology. Advances in Natural Sciences: Nanoscience and Nanotechnology*, Volume 11, Number 325 June 2020 IF 2.379
15. "Hevea brasiliensis mediated Synthesis of Nanocellulose: Effect of Preparation Methods on Morphology and Properties"

Onkarappa HS, Prakash GK, GH Pujar, Rajith Kumar CR, Latha M S, Virupaxaappa S Betageri; *International journal of Biological Macromolecules*, 160 (June- 2020) 1021–1028. (Elsevier) IF- 8.02
16. "Facile synthesis of Zinc oxide nanoparticles using novel Areca catechu leaves extract and their In-vitro antidiabetic and anticancer studies"

Shwetha U R, Latha M S, Rajith Kumar C R, Kiran M S, Virupaxaappa S Betageri, *Journal of inorganic and organometallic polymers and materials*. 30, 4876–4883 (May-2020) DOI: <https://doi.org/10.1007/s10904-020-01575-w>(Springer) IF-3.543
17. "One-pot synthesis of ZnO nanoparticles for nitrite sensing, photocatalytic and antibacterial studies"

C. R. Rajith Kumar, Virupaxappa S. Betageri, G. Nagaraju, B. P. Suma, M. S. Kiran, G. H. Pujar, M. S. Latha, *Journal of inorganic and organometallic polymers and materials*.30, pages 3476–3486(Apr- 2020) DOI: 10.1007/s10904-020-01544-3 (Springer) IF -3.543

18. "Synthesis of core/shell ZnO/Ag nanoparticles using *Calotropis gigantea* and their applications in photocatalytic and antibacterial studies"
19. C. R. Rajith Kumar, Virupaxappa S. Betageri, G. Nagaraju, G. H. Pujar, H. S. Onkarappa, M. S. Latha., *Journal of inorganic and organometallic polymers and materials*, 30, 3410–3417 (March- 2020) DOI:10.1007/s10904-020-01544-3, (Springer)IF-3.543
20. "Photocatalytic, nitrite sensing and antibacterial studies of facile bio-synthesized nickel oxide nanoparticles"
- C.R. Rajith Kumar, Virupaxappa S. Betageri, G. Nagaraju, G.H. Pujar, B.P. Suma, M.S. Latha., *Journal of Science: Advanced Materials and Devices*. 5(1):48-55, Feb- 2020.(Elsevier)IF: 5.469
21. "One-pot green synthesis of ZnO-CuO nanocomposite and their enhanced photocatalytic and antibacterial activity"
- C R RajithKumar ,Virupaxappa S Betageri , G Nagaraju2, G H Pujar, Onkarappa H S and Latha M S., *Advances in Natural Sciences: Nanoscience and Nanotechnology*.Volume 11, Number 1 (Jan-2020)DOI: <https://doi.org/10.1088/2043-6254/ab6c60> (IOP Publishing)IF :2.379
22. "In-vitro antibacterial, antioxidant and cytotoxic potential of silver nanoparticles synthesized using novel *Eucalyptus tereticornis* leaves extract"
- M. S. Kiran, Virupaxappa S. Betageri, C. R. Rajith Kumar, S. P. Vinay, M. S. Latha, *Journal of inorganic, organometallic and materials*. 30, pages 2916–2925 (2020)DOI: 10.1007/s10904-020-01443-7 (Springer)IF-3.543
23. "Synthesis of gold nanoparticles using *Eucalyptus tereticornis* and their In-vitro antibacterial, antioxidant and anticancer studies"
- Kiran M S, , Virupaxaappa S Betageri,Rajith Kumar C R, Vinay S P, Latha M S. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, Volume 11, Number 4, 2020, IF.2.379
24. "Facile green synthesis and characterization of *Moringa oliefera* extract-capped silver nanoparticles (MO-AgNPs) and its biological applications",
- Kiran M S, Virupaxappa S Betageri, Rajith Kumar C R, Vinay S P, Latha M S. *IOP Conf. Series: Materials Science and Engineering* 925 (2020) 012055
25. "A new sensitive Spectrophotometric method for the Assay of Trimethoprim Using Alkaline Potassium Permanganate" Sunita R.Mangala, ShivaprasadK.Halappa,
- Virupaxappa.S.Betageri, and Latha M Shivashankar; *Journal of Emerging Technologies and Innovative Research*,(June- 2019) 6(6) 300–303.
26. "A Novel Visible Spectrophotometric Determination for the Assay of DoxycyclineHyclate in Pure and Pharmaceutical Samples"
- Sunita R.Mangala, Shivaprasad K.Halappa, Virupaxappa.S.Betageri, and Latha M Shivashankar; *Journal of Emerging Technologies and Innovative Research*,(May- 2019) 6(5) (2019) 97–103.
27. "A Simple Spectrophotometric Determination of Artesunate in Pharmaceuticals formulations"

B.S. Virupaxappa, K.H. Shivaprasad and M.S Latha; International Journal of Pharmaceutical research (IJPR), 4 (1), 86-88, 2012.

28. "Kinetic Estimation of Ibuprofen and Nimesulide in Pharmaceuticals"

B. S. Virupaxappa, K.H. Shivaprasad, Raviraj M Kulkarni and M.S Latha; Asian J. Research Chem., 4 (4), 659-665, 2011.

29. "A simple Method for the Spectrophotometric Determination of Cefixime in Pharmaceuticals"

B.S. Virupaxappa, K.H. Shivaprasad and M.S Latha; Asian J. Research Chem, 4 (8), 1275-1277, 2011.

30. "Kinetic Spectrophotometric Determination of Antifungal Drugs in Pharmaceuticals"

B.S. Virupaxappa*, R.M. Kulkarni, K.H. Shivaprasad and Latha M S; Asian J. Research Chem., 5 (6), 767-773, June 2012.

31. "Spectrophotometric method for Determination of Pitavastatin calcium"

B. S. Virupaxappa, K.H. Shivaprasad, M.S Latha and Swetha G A; Asian J. Research Chem., 3(3), 643-645, 2010.

32. "Novel spectrophotometric method for the assay of Pitavastatin calcium in Pharmaceutical formulations"

B. S. Virupaxappa, K. H. Shivaprasad and Latha M S; Der chemica. sinica, 2 (4), 1-5, 2011.

33. "Kinetic Spectrophotometric Determination of Sulfa drugs in Pharmaceuticals formulations"

Virupaxappa S. Betageri, Raviraj M Kulkarni, Shivaprasad K.H and Latha M. Shivashankar; Der chemica. sinica, 3(2), 227-235, 2011.

34. "Spectrophotometric method for Determination of Artenimol using Rhodamine B as a new reagent"

B.S. Virupaxappa, K.H. Shivaprasad and Latha M S; Journal of chemical and pharmaceutical research, 4 (3), 1822-1826, 2012.

35. "Kinetic Spectrophotometric Determination of Fluoroquinolones in Pharmaceuticals"

Virupaxappa B. S., Raviraj M Kulkarni, Girish Bolakatti, Shivaprasad K.H. and Latha M. S.; Research Journal of Pharmaceutical Sciences, 1 (1), 52-62, 2012.

36. "Kinetic Estimation of Antihypertensive Drugs in Pharmaceutical Dosage Forms"

B. S. Virupaxappa, K.H. Shivaprasad, Raviraj M Kulkarni and M.S Latha; Res J Pharm Biol Chem Sci., 3 (3), 235-246, July-Sep 2012.

37. "A simple method for the Spectrophotometric Determination of Cefixime in Pharmaceuticals"

B. S. Virupaxappa, K. H. Shivaprasad and Latha M S; International journal of Chemical Engineering Research, 2(1), 23-30, 2010.

38. "A simple method for the Spectrophotometric Determination of Cefidinin in Pharmaceuticals"

B. S. Virupaxappa, K. H. Shivaprasad and Latha M S; Analytical Chemistry, 9(1) 2010.

39. "Antiinflammatory activity of Mangifera indica L. Var. Rasapuri Root extracts"

M.S. Latha, K. P. Latha, H.M. Vagdevi, B.S. Virupaxappa.; Journal of Chemical and Pharmaceutical Research, 4(1), 333-336, 2012.

40. "Phytochemical investigation and Antibacterial activity of Mangifera indica L. Var. Rasapuri root extracts"

M.S. Latha, K.P. Latha, H.M. Vagdevi, B.S. Virupaxappa and A.S Nagashree; Int. J. Med. Arom. Plants, 1(2), 456-47, 2011.

41. "Anthelmintic Activity of Crude Extracts of Mangifera Indica Linn"

M.S. Latha, K. P. Latha, H.M. Vagdevi, V.P. Vaidya, B. S. Virupaxappa and G.A. Swetha.; BIOMED, 5 (2), 125-131, 2010.

42. "Anti-Inflammatory Activity of Crude Extracts of Mangifera Indica Linn".

M.S. Latha, K. P. Latha, H.M. Vagdevi, V.P. Vaidya, B. S. Virupaxappa and G.A. Swetha; Reviews in Biosciences, 3(4), 216, 2009.

C. International/National Conference Papers:

1. Paper presented in 2nd National Symposium on Analytical Science on Analytical Innovation for process and Technology Development held on 24th to 25th November 2008 at IHBT, Palampur, Shimla, and Himachal Pradesh.
2. Paper presented in International conference on current trends in chemistry and biochemistry- ICCTCB-2009, held at Central College Campus, Bangalore University, Bangalore on 18th and 19th Dec 2009.
3. Paper presented in Two-day national Seminar, 12th ISTE state level annual convection "On role of a faculty in the examination system" held on 20 to 21 Nov. 2009 at GMIT Davngere, Karnataka.
4. Paper presented in a state-level conference on recent advantages of Nano-technology, Conference held on 14/08/09 at Sirigere, Chitradurga.
5. Paper presented in Three-day national Seminar on recent trends in advanced chemistry held on 8 - 10 th March 2010 at NITK Surathkal, Mangalore, Karnataka.
6. Paper presented in UGC-sponsored National conference on "Recent trends in Analytical Techniques" on 19th February 2011 at D. R. M. Science college, Davangere, Karnataka. Presented research paper entitled "Antimicrobial activity of *Mangifera indica* Rasपुरi L.root extract."
7. Attended VTU-VGST Faculty Development Programme on "Fuels of the Future" at Vidya Vikas Institute of Engineering and Technology, Mysore, from February 23rd to 25th 2011.

8. Paper presented in National conference on “Social Relevance of Chemical Sciences” at School of Chemical Sciences, Department of P. G. Studies and Research in Chemistry, Kuvempu University, Jnana Sahyadri, Shankaraghatta, Shimoga, Karnataka, during 26 & 27 of March 2011.
9. Paper presented in International conference on “Importance of Herbal Medicine in the Era of Globalization – A live Demonstration”, held at Sahyadri science college, Shimoga, Kuvempu University, on 21st to 23rd Dec 2016. Presented research paper entitled “Phytochemical investigation anti-oxidant activity of bioactive fraction of *Mangifera indica* Raspuri L. root extract.”
10. Paper presented in two days National Conference on “Emerging Trends in Engineering Research & Management- 2017” held on 8th and 9th of September 2017 at G M Institute of Technology, Davangere.
11. Participated in one-day seminar on “Science in Engineering-2017” on 15th December 2017 held at Bapuji Institute of Engineering and Technology, Davangere, Karnataka.
12. Participated in one-day National seminar on “Current Trends in Nanotechnology”, organized by Department of chemistry, Jawaharlal Neharu National College of Engineering, shimoga in associated with ISTE, New Delhi on 14th May 2018. Presented research paper entitled “Preliminary Phytochemical investigation and Anti-oxidant capacity of flavonoid-rich fraction of *Mangifera indica* L. var. Raspuri root”.
13. Paper presented in International conference on “Advances in materials, ceramics & engineering science (AMCES-2020)”, held at Dayananda sager college of engineering, Bengaluru, on 17th to 18th January 2020. Presented a paper on “A Facile synthesis and characterization of Nano cellulose from Rubberwood by TEMPO Oxidation method”.
14. Paper presented in International web conference on “Smart Engineering Technologies 2020” (ISBN: 978-93-5407-648-0.) organized by Ramco Institute of Technology, Rajapalayam, on 26-27 june 2020. Presented a paper on Facile green synthesis of ZnO-NiO nanocomposites using Calotropis gigantea leaves extract: Application to Photocatalytic and Antibacterial studies”.
15. Paper presented in 1st International Conference on Computational Engineering and Material Science –(ICCEMS 2020), Organized by GM Institute of Technology, Davangere, Karnataka, India in association with Technical Institute for Engineers, Bengaluru on 17-18 July 2020. Presented a paper on “Facile green synthesis and characterization of moringa olifera extract – capped silver nanoparticles and its biological applications”.
16. Paper presented in 1st International Conference on Computational Engineering and Material Science – (ICCEMS 2020), Organized by GM Institute of Technology, Davangere, Karnataka, India in association with Technical Institute for Engineers, Bengaluru on 17-18 July, 2020. Presented a paper on “Synthesis, Characterization and Biological investigation of some third-row elements with halo substituted coumarin Schiff base with N and O donors”.

D. Workshops/Seminars/Symposium Attended

1. Attended two days National level symposium on “Green Chemistry” in Basaveswara college of Engineering, Bagalkot on 21st and 22nd Sep 2007.
2. Attended a National Seminar on “Nanotechnology” in Kuvempu University, Shimoga held on 16th and 17th Jan 2009.
3. Attended National seminar which was held at NITK Surathkal on 8th – 10th March 2010.
4. Participated in “**FEEL TEACHER**” Learning and Development Intervention organized by GMIT, Davangere and conducted by CLHRD, Managlore during July 27-29, 2015.
5. Participated in the five-day FDP on “Information & Communication Technology (ICT) and outcome Based Education (OBE)” organized by RVCE, Bengaluru, under the Margadarshan-AICTE Scheme, conducted at GMIT during 21st – 25th Jan 2020.

E. Webinars Participated/attended

1. Participated in webinar on “Herbal Research in Anti-Viral drugs” held on June 3, 2020 at department of Biotechnology, GMIT, Davanagere.
2. Participated in webinar on “Smart Irrigation using Internet of Things” held on June 15, 2020 at department of civil, GMIT, Davanagere.
3. Attended National Seminar on “Research Panorama of life Science” organized by IQAC and life science department, Rajaram college, Kolhapur, on 15th to 18th June 2020.
4. Attended an International webinar on “Advancements in Chemical Sciences Towards COVID-19” on 12-13th JUNE 2020, organized by department of chemistry, Rani Channamma University, Belagavi.
5. Participated an International Seminar on BIO MEDICAL SCIENCE Organized by Department of Bio Science, Chemistry & IQAC, Commerce, B.H.S Arts & T.G.P Science College, Jamkhandi, held on 9th June 2020.
6. Participated two days national Seminar on “Industrial applications of electrochemistry” organized by Department of Chemistry, PES institute of Technology and Management, Shivamogga on 13th and 14th of July 2020.
7. Participated in National Level Webinar on “Frontiers in Chemistry” held on 15th July 2020 organized by Department of Chemistry, KLE Society’s J. T. College Gadag.
8. Attended 12th Virtual Webinar on “Hypervalent Iodine Oxidants and their Synthetic Applications” held on 17th July 2020.
9. Participated in IQAC initiated UGC-STRIDE sponsored Three Days National Level Online Faculty Development Programme on “Research Methodology and Use of Software Tools” organized by KLE Society’s S. Nijalingappa College, Rajajinagar, Bengaluru-560010, Karnataka during 21, 22 & 23 July 2020.
10. Attended national level online faculty development program on “Chemistry in an Era of Change” held from 13th to 16th July organized by Department of chemistry, K. Ramakrishnan College of Engineering, Samayapuram Trichy.
11. Participated in Three days National Webinar Series on “Role of Chemistry in Engineering and Society” from 12th to 14th August 2020, organized by the Department of Chemistry, JNN College of Engineering, Shivamogga, Karnataka, INDIA.

F. Faculty Development Programme / Faculty Induction Programme

1. MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, organized by Teaching Learning Centre, Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi. On 26th June 2020 to 24th July 2020.
2. Faculty Induction Programme –I (Guru Dakshita) held during 07th September 2020 to 6th October 2020, organized by UGC-Human Resource Development Centre, Sant Gadge Baba Amaravati University, Amaravati.

Membership to Professional Bodies

- Indian Standard Technical Education (ISTE), Life Member

PERSONAL DETAILS / SKILLS

Name : Dr. Latha M S

Date of Birth : 9th Feb 1984

Father Name : Mr. Shivashankar M G

Marital Status : Married

Spouse Name : Dr. Virupaxappa S Betageri

Languages Known : English, Kannada, and Hindi

Address : Dr. Latha M S
#62/B, Veerabhadra Nilaya
Teachers Colony
Vinayaka Nagar
Belagavi

Personal skills:

- ❖ Honest and dedicated to work, Hardworking, Determined, focused to the core, very friendly in group working, Quick to learn and grasp, a never-ending thirst for knowledge
- ❖ Canniness to effectively manage the work flow, prioritize work activities to meet time limits.

Declaration: I hereby declare that above information furnished is correct to best of my knowledge.