

BRIEF PROFILE

Name: Dr. Mahadeva Swamy M

Assistant Professor, PG Department of Chemistry

JSS College of Arts, Commerce & Science, Ooty Road, Mysuru-570025

Qualification: MSc., B.Ed., Ph.D.

Contact details

Mobile: +91 9845972869

e-mail ID: maha.chem05@gmail.com

Education:

BSc (2008): Yuvaraja's College Mysore (Affiliated to University of Mysore).

MSc (2010) : DOS in Chemistry, Yuvaraja's College, (Affiliated to University of Mysore).

PhD (2019): Ramaiah Institute of Technology, VTU
Belgaum. **PhD Guide:** Prof. B.M Nagabhushana

Title of the PhD Thesis:

“Removal of dyes and heavy metals from aqueous solution using low-cost activated biomass”

Work Experience	Research Profile
Total Experience: 11 Years PG Teaching Experience: 2 Years JSS College, Mysuru: October 2019 to till date Cambridge Institute of Technology: July 2014 to October 2019 (5 years). Sambhram Institute of Technology: September 2011 to July 2014 Research Experience: 9 Years	Research Projects Completed: Proposal submitted No. of Books Authored: 03 No. of Research Articles: 07 (National Journals: 0, International: 07) Academic Editor: 03 Journals Journals Total No. of Citations: 24 No. of papers presented: 05 No. of Participations: 22

Other Roles

- Organizing secretary of an International Conference on “Two day International e-Conference on drug discovery and material science”
- Organizing secretary of a National level Quiz competition.
- Served as a mentor/judge in National level Science Exhibition.

CURRICULUM VITAE

Dr. MAHADEVA SWAMY M
Assistant Professor
PG Department of Chemistry
JSS College of Arts, Commerce and Science
B. N. Road, Mysuru-25
Mob: +91-984597286
E-mail: maha.chem05@gmail.com



RESEARCH IDEAS

- A great deal of research in chemistry is devoted to the study of material chemistry and its surface properties for photocatalytic and biological applications. It is a vast and expanding area because of the obvious applications of materials synthesized from natural extraction its medicinal values showd in the field of pharmaceutical, agriculture and other areas.

OBJECTIVE

- To upgrade my knowledge and skill regarding the task, and to work for the growth and wealth of the institute. Self-motivated with strong analytical and inter-personal skill, looking for an opportunity to build up a good career.

EDUCATION QUALIFICATION

- **Doctor of Philosophy(Ph.D.) in Chemistry:** Thesis entitled“Removal of dyes and heavy metals from aqueous solution using low cost activated biomass” from Visvesvaraya Technological University, Belgaum in the year **2019**.
- **Bechelor Education (B.Ed)** in P and M method: (75%) from GM College of Education, Bangalore University in the year 2012.
- **Master of Science (M. Sc.)** in Chemistry (60.5 %) from Yuvaraja’s College Mysore, Affiliated to University of Mysore in the year **2010**.
- **Bachelor of Science (B. Sc.)** from Yuvaraja’s College Mysore, Affiliated to University of Mysore, Mysore in the year **2008**.

RESEARCH/WORK EXPERIENCE

Oct 2019 to till date: Worked as **Assistant Professor** PG Department of Chemistry at **JSS College of arts commerce and science** Mysore.

July 2014 to October 2019: Worked as a **Assistant Professor** in department of **Chemistry** at **Cambridge Institute of Technology**, Bangalore.

September 2011 to July 2014: Worked as **Assistant Professor** in department of Chemistry, at **Sambhram Institute of Technology, M.S Palya, Bangalore**.

PERSONAL STRENGTHS

- Good communication, teaching, interpersonal and laboratory management skills. Skilled for preparation of scientific manuscripts and conference presentations.

FELLOWSHIP/AWARD

- Proposal Submitted to DST-SERB, New Delhi under Core Research Grant and second level evaluation completed for sum of Rs. 3285000 Lakhs in the form of project grant for three years for the proposal 'Goat milk intermediated synthesis of nano materials for the applications of antimicrobial, photocatalytic and sensor.

LIST OF RESEARCH PUBLICATIONS (Published/Communicated):

- Srilatha Rao, R Suhas, **Mahadeva Swamy M**, Experimental and DFT explorations of tert-butyl(1-(2-(4-nitrobenzylidene)-hydrazinyl)-1-oxopropan-2yl)-carbamate on CRCA metal in 1M HCl solution. J.rsurfi.2021.100023.
- **Mahadeva Swamy M**, Adsorption of toxic dye from aqueous solution on cow dung ash as an adsorbent: Approach to the isotherms, kinetics, regeneration and thermodynamic, Journal of Research Proceedings, Volume 1, Issue 1, 2021.
- **Mahadeva Swamy M**, Surendra B.S, Mallikarjunaswamy C, Pramila S, Rekha N.D, Bio-mediated synthesis of ZnO nanoparticles using Lantana Camara flower extract: Its characterizations, photo catalytic, electrochemical and anti-inflammatory applications. Environmental Nanotechnology, Monitoring & Management; ISSN-2215-1532, Volume 15, 2021.
- **Mahadeva Swamy.M**, Nagabhushana B.M, Nagaraju Kottam, Harikrishna.R, Kinetics and Isotherms Studies of methylene blue Basic Dye from Aqueous Solution onto Selenicereus grandiflorus Activated Carbon. Asian Journal of Materials Chemistry, Volume: 4 Year: 2019.
- **Mahadeva Swamy.M** and Hemakumar K.H, Kinetics and isotherms studies on removal of dye and heavy metal ion from aqueous solution by using agricultural waste weed activated carbon. International journal of environmental sciences issn 0976 – 4402 volume 7, no 2, 2018.
- **Mahadeva Swamy M**, Padmavathy N, Hemakumara K H, Preethi S. Adsorption of hazardous azo dye from aqueous solution onto Parthenium flower activated carbon: Approach to the batch and regeneration studies. ISSN:2319-6890)(online),2347-5013(print) Volume No.5 Issue: Special 4, pp: 790-991.
- **Mahadeva Swamy M**, Nagabhushana, B. M. ; Harikrishna R ; Nagaraju Kottam ; Raveendra, R. S. ; Prashanth, P. A. Fast Adsorptive Removal of MB dye from Aqueous Solution onto a WCFAC: isotherms and kinetics studies. Desalination and water Treatment (Tyler's and Francis): 71 (2017) 399–405.

BOOK PUBLICATION:

1. Book title: Adsorption of methylene Blue from Activated Carbon of Banana SPP published in LAMBERT ACADEMIC PUBLISHING in the year 2020.
2. Book title: Engineering Chemistry, published in EXCELLENT ENGINEER PUBLICATIONS in the year 2021.

3. Book title: Adsorption and its applications, published in LAMBERT ACADEMIC PUBLISHING in the year 2020.

WORKSHOP/CONFERENCE/SEMINAR ATTENDED/PAPER PRESENTED:

1. Webinar on the topic " Intellectual Property Rights: Drafting and filling of Patents in India" on **25th September 2021**, held at **Shivaji College**, New Dehli, India.
2. Three Day Professional Development Program on learning through gamification -"fun is the future" From **22rd to 24th September 2021**, held at Nirmala College, Muvattupuzha, Ernakulam District, State: Kerala, India.
3. "The need to move towards Inter and Trans-disciplinarily Research for Impactful Innovations" organized by the Department of Chemistry, JSS Academy of Technical Education, Bengaluru held on 24th September 2021.
4. International web conference on materials science and its technological advancements, Organized by the Department of Physics, Voorhees College, Vellore. **held on 22 September, 2021.**
5. **TWO DAY INTERNATIONAL e-CONFERENCE ON DRUG DISCOVERY AND MATERIAL SCIENCE** organized by the IQAC and Department of Chemistry (UG & PG) of the College on 15 & 16 September 2021.
6. One Day **one day online workshop on "The significance of intellectual property rights (IPR)"** initiated by IQAC and organized by the College on **22 July** held at **JSS College, Ooty Road, Mysuru-25.**
7. Two days Virtual International Conference on "Advanced Materials" held on **6th and 7th July 2021 at JSS S&T University, Karnataka, India-570006. Title:** Structural and functional insights of thiazole derivatives as potential anti-inflammatory.
8. Two Days National Webinar on "Designing and Development of e-Resources for Teaching and Learning " organized by **JSS College for Women, Mysuru** from **30 June-1 July 2021.**
9. Three Days Online Workshop on "Designing and Development of e-Resources for Teaching and Learning " and obtained grade A organized by the Rajdhani College, Delhi from **22-24 June 2021.**
10. One Day Workshop on Research Methodology for Researchers and Teachers held at **JSS College, Ooty Road, Mysuru-25** on **13th March 2021.**

11. **One - week online Faculty Development Program (FDP)** on “Advanced or Smart Processing Technology” organized by Department of Polymer Science and Technology, **JSS S&T University, Mysuru**, from **10th to 14th August 2020**.
12. International Conference On Accelerating Innovating in Material Science, BMS Institute of Technology and Management, 4-7th August 2020 Bangalore.
13. Webinar On Natural Nano Materials Chemistry Exemplified by Cellulosic Fibres & Products, School of Applied Sciences Reva Institute of Technology, 14th June, 2020 Bangalore.
14. National webinar on “Advanced energy sources for future generation” Smt Danamma Channabasaviah College Of Arts Commerce Science and Management Studies Kodiramasandra, by-Pass, Kolar, 08th June 2020.
15. A Faculty Development Programme On “Recent trends in Science and Technology” Sapthagiri College of Engineering, 5th June 2020.
16. One Day Webinar on Spirulina-An Immunity Booster” held at **MES College of Arts, Commerce and Science, Bengaluru** on 2nd June 2020.
17. Webinar On “Strategies for scholarly writing” held at GFGC & PG Center, Chintamani on 1th June 2020.
18. Chemistry Online Quiz conducted by Sri Venkateswara College of Engineering on 01st June 2020.
19. Webinar series on Startup Sathi i-Hab on 29th May 2020 at i-Hab Gujarat.
20. Inevitable Ingenious Technologies- FDP held at Sri Venkateswara College of Engineering and Technology, Pondicherry on 18th May to 23rd May 2020.
21. Four Day Frontier Lecture Series on Physical Sciences, Biological Sciences, Social Sciences & Humanities, Commerce and Management held at **JSS College, B N Road, Mysuru-25** on 25th-28th February 2020.
22. One Day Workshop on Teachers Capacity Building held at **JSS College, B N Road, Mysuru-25** on 13th February 2020.

I am chaired the session as a panel member for discussion in International Conference On Accelerating Innovating in Material Science, BMS Institute of Technology and Management, 4-7th August 2020 Bangalore.

Organizing Secretary:

- **Two day Virtual International Conference on Drug Discovery & Material Science On 15-16 September 2021.**
- **One day Seminar on 07-02-2020.**

- **National Level Online Quiz on 22-06-2020.**

Member of professional bodies:

- **Life Time Member: Member of Indian Society for Technical Education.(LM:)**
- **Life Time Member:** Luminosence society of India: Karnataka Chapter (LSICKC)(LM:)
- **Life Time Member:** Cern Couriers in Material Science(LM:)

Served as Reviewer for Scientific Journals/ Conference

- 1. Chemical Data Collections**
- 2. Modern Chemistry**

- Served as Judge in State Level Science & Technology Exhibition held at MIT, Mysuru on 9th September, 2020

LIST OF RESEARCH PROJECTS

Sl. No.	Title of the project	Principal Investigator	Funding agency
1	Goat milk intermediate synthesis of nano-material as a applications of antimicrobial, photocatalytic and corrosion studies.	Principal Investigator File No: Dated: 20-04-2021	DST-SERB (Nov 2020 to) 32,85000/-

PERSONAL PROFILE

Father Name: Mallanna
 Date of Birth: 05/05/1986
 Languages Known: Kannada & English
 Sex: Male
 Marital status: Married
 Nationality: Indian
 Passport No: J2367591

Present Address: Door No-70, 4thMain, 4th Cross, Gowrishankara nagara, Mysore-25.