

Curriculum vitae



Dr. J. R Meena. Ph.D. (DTU)
Assistant Professor
Department of Chemistry
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Google Scholar

: https://scholar.google.com/citations?user=o_aARqMAAAAJ&hl=en



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➤ Academic

- *PhD (Biopolymer Chemistry), Delhi Technological University New Delhi (Supervisors: Prof. S.G Warkar.), India 2022*
- *MSc (Chemistry), Malviya National Institute of Technology Jaipur, Raj. India, 2010*

➤ **BSc (Life Science)** Kota University of Kota Raj. India, **2008**.

➤ **Academic experience**

➤ **Teaching experience more than 11 years.**

➤ Assistant Professor(Regular), Department of Chemistry Gurukula Kangri (Deemed to be University) Harwar U.K India 249404(01.11.2018- Present)

➤ Assistant Professor(Ad-hoc), Department of Chemistry Sri Venkateshwara College University of Delhi, New Delhi India 110007(Aug..2015- Oct.2018)

➤ Assistant Professor(Ad-hoc), Department of Chemistry SGTB Khalsa College University of Delhi, New Delhi India 110065(July .2011-Aug.2015)

➤ **Research experience**

➤ Research experience more than 10 years

➤ More than 30 students M.Sc. project completed under my guidance.

➤ Research interest

➤ Synthesis, Characterization of biopolymers, biocomposite, nanoparticles and their applications in biological activity, physical activity and chemical activity water purification, dyes degradation etc.

➤ Applying for research project in DST under SEED Programme 2022

➤ **Awards and honours**

➤ 1.JRF CSIR-UGC (AIR125) 2011

➤ 2.NET CSIR-UGC (AIR288) 2010

➤ 3.Life Member of Indian science congress

➤ 4. Membership applying for IIETA

➤ **Administrative responsibilities**

➤ *Member of Chemical Society Department of Chemistry Gurukul Kangri (Deemed to be university) Harwar U.K 249404*

➤ *Member of Govt.of U.P Scholarship Committee Gurukul Kangri (Deemed to be university) Harwar U.K 249404*

➤ *Member of Editorial board in Acta Biology Forum Journal*

➤ *Observer of Examination in Uttarakhand Ayurveda University Harwar U.K 249404*

➤ *Member of Ethics Committee at Uttarakhand Ayurveda University Dehradun U.K 248001*

➤ *Member of SC/ST Cell Gurukul Kangri (Deemed to be university) Harwar U.K 249404*

➤ *FTIR Instrument In-charge Gurukul Kangri (Deemed to be university) Harwar U.K 249404*

➤ **Subject taught**

➤ *Organic Reaction Mechanism, Reaction Intermediates. Reagents in organic synthesis. Heterocyclic Compounds, Pericyclic reaction, Photochemical reactions, ,Stereochemistry*

➤ **Research interest**

➤ *Natural Biopolymer Metallic Nanocomposites, Nanotechnology*

➤ **List of paper/book chapter publiucation/accepted**

➤ **Meena, Jagram**, and Pyar Singh Jassal. "Cresol and it derivative Organic pollutant removal from waste water by adsorption the magneto chitosan nanoparticle." *IJCS* 5.3 (2017): 850-854.

➤ **Meena, Jagram**, and Pyar Singh Jassal. "Phenol Organic Impurity Remove from pollutants Water By Batch Adsorption Studies with using Magneto Chitosan

Nanoparticle" AIJREAS 2.6 (2017) 2455-6300

- **Meena, Jagram** and Dhanraj Meena "Medicinal and commercial potential of madhuca indica: A review" *IJMHR* 2.12(2016) 2454-9142
- Sudhir G. Warkar and **Jagram Meena** "Synthesis and applications of biopolymer /FeO nanocomposites: A review / "J. New Electrochem. Systems" vol. 25, No.1, January 2022, pp. 07- 16
- Verma, Devendra Kumar, **J.meena** et al. "Synthesis, characterization and applications of chitosan based metallic nanoparticles: A review." *Journal of Applied and Natural Science* 13.2 (2021): 544-551.
- **J. Meena**¹, S. K. Verma², R. Rameshwari³ and D. K. Verma⁴, et al. " Polyaniline/Carboxymethyl Guar Gum Nanocomposites: As biodegradable ,conductive film " *Rasayan Journal of Chemistry*, i.e. Vol. 15, No.2, 2022 issue. 1021-1027.
- **Jagram Meena**^{ab}, Harish Chandra^b, Sudhir G. Warkar*^a "Carboxymethyl tamarind kernel gum /ZnO- biocomposite: As an antifungal and hazardous metal removal agent / "J. New Electrochem. Systems" vol. 25, No.3, July 2022, pp. 57- 64
- D. K. Verma^a **J. Meena**^{*}, S. K. Verma² "Synthesis of nickel nanorods and their conversion in to nanoparticles" **Accepted** in for publication in the *Research Journal of Chemistry and Environment*.vol.26 no.12)Dec.2022
- Antimicrobial and Ammonia sensor activity of noval carboxymethyl tamrind kernel gum/FeO Nanocomposites **under review** in Indian journal of engineering and material science
- **Invited lecture/conference proceeding**
- International conference on material science and technology (ICMT-2021) 12-14th Nov. 2021 Kottayam,Kerla,india organized by mahtma Gandhi university Kottayam,kerla **invited lecture** entitled "synthesis of carboxymethyl tamarind kernel gum/ZnO biocomposite and its application
- International conference on energy science (ICES-2021) 10-12th Dec. 2021 Kottayam,Kerla,india organized by mahtma Gandhi university Kottayam,kerla invited **lecture entitled** "synthesis of carboxymethyl tamarind kernel gum/Fe-O biocomposite and its characterization
- Participated the international webinar on New Horizon in chemical science & technology department of chemistry Ch.Chhotu Ram (PG) College Muzaffarnagar

U.P on sept.29,2020

- Participated the international E-conference “climate change, ethics and sustainability” held on jan.28,2021department of chemistry & philosophy M.S. J Government P.G. College Bharatpur (Raj.) India
- .Faculty development programme cum national workshop on Greeting an undergraduate chemistry lab (GUCL 2018) active member of organizing committee
Organized by Sri venkateswara college university of Delhi
- National conference environmental sustainability in wastewater remediation; current status and future prospectus (ESWR-2017) active member of organizing committee Organized by Sri venkateswara college university of Delhi
- International conference on Emerging trends in Drugs Development and Natural-Products (ETDDNP-2018) JANUARY 12-14-2018, Poster presentations organized by Department of chemistry, University of Delhi 110007
- National conference Environmental Sustainability in Wastewater Remediation; Current Status and Future Prospects(ESWR-2017), paper presented oral, organized by department Organized by Sri venkateswara college university of Delhi
- International conference. Synthesis of magneto chitosan nanoparticle and their applications INTERNATIONAL CONFERENCE Green chemistry in Environmental sustainability & chemical education organized by Department of chemistry DAULATRAM COLLEGE UNIVERSITY OF DELLHI, DELHI 17- 18 Nov.2016
- International conference Legal Aid: Catalyst for social change, organized by Legal Aid Society, Campus Law Centre, University of Delhi on the 17-March-2012 at Delhi
- Faculty Programme /Courser/refresher course
- Participate Faculty induction Programme attend 2019-2020 conduct by lbs. Delhi
- Participate “SUSTAINABLE DEVELOPMENT AND RESEARCH OPPORTUNITIES IN FOOD AND CHEMICAL ENGINEERING” from 5th October 2020 to 11th October 2020 organized by Department of Food Technology and Chemical Engineering, Hindusthan College of Engineering and Technology, Coimbatore, Tamil Nadu, India 20-21
- Participate Faculty development programme 2017 ON “From chemistry of life to chemistry of diseases; Understanding Clinical Biochemistry” Department of

Chemistry DAULATRAM COLLEGE UNIVERSITY OF DELHI, DELHI 15-22 June-2017

➤ Participate Refresher course attend 2020 conduct by MHRD-Kumaun university Nanital Uttarakhand

➤ Major instrumentation handled :

- AAS, HPLC, UV-VIS, FT-IR, SEM. XRD and UV-Vis, etc.

➤ Declaration :

- I hereby declare that all information given above are true as far as my knowledge.

(JAGRAM MEENA)
