

To work and grow with an organization with a highly motivated work environment and perform to the best of my capabilities and skills with complete dedication and enthusiasm.

Curriculum vitae

Name: Dr. Komal Khati

Date of Birth: 22/02/1989

Email: komal.chem89@gmail.com

Designation: (Guest Faculty 2015)

Radhey Hari Govt. P.G.College Kashipur, Udham Singh Nagar



OBJECTIVE: **Subject:** Chemistry
Phone: +91-9012718895

Academic Qualification:

B.Sc./ M.Sc in the year 2009 and 2011 from Kumaun University, Nainital Uttarakhand.

Doctor of Philosophy in the year 2016 from G.B. Pant University of Agriculture & Technology, Pantnagar

Thesis Title: *“Synthesis and Studies on Haemoglobin/Conducting Polymer Composites for Electrochemical Energy Storage”*

Achievements:

1. Qualified **UGC-CSIR NET/JRF in June 2012 (95 rank)**. One of the reputed examinations conducted by Joint CSIR-UGC autonomous Govt. Body with.

2. **II Rank in Kumaun University M.Sc. Chemistry (Specialization- Organic Chemistry)**

Research Publications:

- a) **Komal Khati**, Ila Joshi, Anjali Bisht, M.G.H.Zaidi Synthesis and Electrochemical Performance of Polypyrrole at High Scan Rates **IOSR Journal of Applied Chemistry (IOSR-JAC)** e-ISSN: 2278-5736. Volume 9, Issue 1 **2016**, 42-48 DOI: 10.9790/5736-09114248.
- b) **Komal Khati**, Ila Joshi, M.G.H. Zaidi, **Int. J.Chem.Sci & Res.**, vol 6 issue1, ISSN-2249-0329 **2016** 01–06 SYNTHESIS AND STUDIES ON SUPERCAPACITANCE OF POLYPYRROLE AT LOW SCAN RATES.
- c) Ila Joshi, **Komal Khati**, Anjali Bisht, Rekha Rikhari, Sammena Mehtab, M.G.H. Zaidi. Electrical and electrochemical properties of tungsten carbide, **International Journal of Chemical Studies** 6(3), 3600-3603, **2018**.
- d) **Komal Khati**, Ila Joshi, M.G.H. Zaidi, Electro-capacitive performance of haemoglobin/polypyrrole composites for high power density electrode, **Journal of Analytical Science and Technology** 9 **24,2018** ISSN 2093-3371 <https://doi.org/10.1186/s40543-018-0156-y>.
- e) **Komal Khati**, Ila Joshi, Anjali Bisht, M.G.H.Zaidi, Haemoglobin/Polyindole Composites: The Novel Material for Electrochemical Supercapacitors **Bulletin of material science** **2019** <https://doi.org/10.1007/s12034-018-1700-5>
- f) I. Joshi, **K. Khati**, A. Bisht, R. Rekhari, S. Mehtab and M. G. H. Zaidi Synthesis and electrochemical performance of tungsten carbide **Chemical Science Transactions** **2019**, 8(2), 256-260

2. National Magnetic Resonance Societyg) **Komal Khati** , Sameena Mehtab , M.G.H. Zaidi , Ila Joshi, Sanjeev Rathore Haemoglobin graphite electrodes for electrochemical energy storage **Material Today :Proceedings** vol 46,20,**2021**,pp 10257-10261
- h) SAMEENA MEHTAB, M G H ZAIDI, NIVEDITA RANA, **KOMAL KHATI** and SHUBHAM SHARMA Thermal and DC conducting behaviour of haemoglobin-doped polypyrrole **Bull. Mater. Sci. (2022)** 45:162 doi.org/10.1007/s12034-022-02761-x

Faculty development program attended:

Participated in one week Faculty development program **Approach of effective teaching and Recent research methodology in higher education conducted online 29 – 2 august 2020 organized by IQAC Mohammad Ali Jauhar University , Rampur**

Workshop/Conferences:

- 1)The 26th International Electronic Conference on Synthetic Organic Chemistry 15-30 November **2022** online.
- 2)Participated in the Workshop on “**COMPUTER LITERACY TRAINING**”
L.S.M.Govt.P.G.College,Pithoragarh from 8 to 16 March **2016**.
- 3) Participated in the Workshop on “**Disaster Management**” **2017**.
- 4) Participated in the Work shop on “**ONLINE AND DIGITAL LEARNING**”
L.S.M.Govt.P.G.College,Pithoragarh 9 to 16 march **2018**.
- 5) Participated in International Virtual Conference on Modern instrumental and Characterization techniques in Applied Sciences 2020 5-6 july **2020**
- 6) Participated in National Webiner series on Practicing Chemdraw, Origin ,Mendeley Tools in Research 8 – 10 August **2020** L.S.M.Govt.P.G.College,Pithoragarh

Area of Interest: Electrochemical energy storage, material science

Skills and Expertise: Electrochemical Analysis, Polymerisation, Composite synthesis, material characterization

Memberships:

1. THE INDIAN SCIENCE CONGRESS ASSOCIATION, INDIA
3. Green Chemistry Network

Teaching Experience:

PG/UG: 8years

DECLARATION

I hereby declare that the information furnished above is true to the best of my acknowledgement

Dr. Komal Khati
Department of Chemistry