

**Department of Science and Humanities (Chemistry)**

**Personal Details**

Name:	Dr. Deepa Basrur
Designation:	Assistant Professor
Educational Qualification:	M.Sc. Ph.D, KSET
Experience:	10+
Area of Specialization:	Physical Chemistry

**Educational Details**

S.No.	Degree	Branch/Specialization	Institute/University	Year
1	M.Sc.	Chemistry	Karnataka University, Dharwad	2007
2	Ph.D.	Physical Chemistry	Mangalore University, Mangala gangothri	2021
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**Publication**

**Details**

- **Deepa Basrur** and J. Ishwara Bhat, Activated Carbon from Fenugreek Seed: Characterization and Dyes Adsorption Properties, *Iranian Journal of Energy and Environment* (2): 127-135, 2017
- **Deepa Basrur** and J. Ishwara Bhat, Preparation of Activated carbon from Mustard seed and its Adsorption efficiency towards dye and acid, *Journal of Urban and Environmental Engineering*, 12(2) 266-276, 2018
- **Basrur D.** and Ishwara Bhat J. , An investigation on the characterization of activated carbon from areca leaves and their adsorption nature towards different dyes, *Global Nest Journal*, 21(2)124-130 (2019)

## Program Attended

### Conference

#### International

1. “Adsorption of Methylene Blue on Activated Carbon Synthesized from Mustard Seed under Varying Condition – A Case Study” in an International Conference on Science & Technology: Future Challenges and Solutions (STFCS -2016) held at Mysore University, Mysore.
2. “Characterization and Adsorptive Properties of a Physically Activated Finger millet Carbon” at International Conference on “Recent Advances in Materials Science and Biophysics” held at Mangalore University Mangalagangothri, Karnataka during January 23-25, 2018

#### National

1. “An Investigation on the Fenugreek Carbon as an adsorbent for Methylene Blue Dye” in National Seminar on Applications of Chemical and material Science for Sustainable Development, held at Shivaji University, Kolhapur, Maharashtra.
2. “Preparation, Characterization and Adsorption Behaviour of Mustard seed Carbon” in Two day National Conference on “Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, health and Environment” September -2017 held at Mangalore University, Mangalagangothri
3. “Characterization of microwave activated carbon prepared from areca leaves and its adsorption behavior towards cationic dyes” in XXXVII Conference of the Indian Council of Chemists, December -2018, held at National Institute of Technology-K, Surathkal, Karnataka.

#### Programmes and event participation

1. Attended workshop on “Research Methodology” organized by Mangalore University
2. Participated in a workshop on” Radiation- Its Applications in Physical, Chemical and Life Sciences: organized by department of studies in physics Mangalagangothri and UGC-DAE Consortium for Scientific Reseach Kolkata Centre.
3. Attended Seminar on “Emerging Solar PV Technology Applications for Academics” Conducted at Mangalore University
4. Attended state level symposium on recent trends in active pharmaceutical ingredients land scape ( ReTAP) organised by BMS College for Women Bangalore.