

BRIEF PROFILE OF THE FACULTY Department of Chemistry 1. Name : SMT. PRERNA KATHANE 2. Designation : Assistant Professor 3. Educational Qualification : M.Sc. 4. Specialization in P.G. : Inorganic Chemistry 5. Details of Achievements : 6. Details of Research Project : Completed Minor Research Project UGC CRO -2, F. No.:MS-115/202008/11-12/CRO-02, Dated 30 June, 2012 7. Email Address : prernakathane04@gmail.com 8. Teaching Experience (as on 1.11.2015) : Years:- 20 years 9. Detail of Research (In Brief) : Registered for Ph. D. at Pt. R. S. Uni., Raipur (CG) 10. Whether you are a recognized Supervisor : No for Ph.D. Guidance ? If yes, Give details S. No. Topic Year (Completed/Ongoing) -----

11. Details of publication: Year Title Name of Journal/Book

ISSN No./ISBN No.

Volume/Ed ition

2016 Defluoridation of Water using an Effective Adsorbent PVAAlginate/CTAB Bound Nano Magnetite microspheres: Kinetic & Equilibrium study

Advance Physics Letter

2349-1094 3(2)

2016 Removal of dye safranin-T from aqueous solution by adsorption onto PVA/alginate bound nano magnetite hydrogel microspheres

Asian Resonance

0976-8602 5 (2)

2015 Adsorption of Cu²⁺ ions onto Polyvinyl alcohol-Alginate bound Nano Magnetite Microspheres: A Kinetic and Thermodynamic study

International Research Journal of Environment Science

2319-1414 4(4)

2014 ----- 2013 Superparamagnetic PVA-Alginate International 2319-1414 2(7)

2

Microspheres as Adsorbent for Cu²⁺ ions Removal From Aqueous Systems.

Research Journal of Environment Science 2012 ----- 2011 -----

12. Seminar/Symposia/Workshops attended during the last five years : Year Topic of workshop/Seminar/Symposia/Conference Date Paper present Yes/No

Whether participated as resource person

2015 1) Workshop on "Green Chemistry and its Future aspects", Govt. V.Y.T. PG Auto. College, Durg (CG) 2) 17th National Conference on Surfactants, Emulsions & Biocolloids (NATCOSEB XVII), Pt. R.S. Uni. Raipur (CG) 3) National Seminar on Green Chemistry, BMM Sect.-9, Bhilainagar, Durg (CG) 4) BRNS-AEACI Symposium on Current Trends in Analytical Chemistry, Mumbai (MS), India 5) International Conference on Status of Science & Technology in Chhattisgarh State, BIT, Durg (CG) 6) International Conference on Futuristic Materials and Emerging Trends in Forensic and Life Sci. 7) International Conference on Water: From Pollution to Purification, Kottayam, Kerala,

November 30, 2015

November 04-06, 2015

October 28-29, 2015 May 26-29, 2015

March 19-20, 2015

February 05-07, 2015

January 23-26, 2015

Attended

Attended

Attended Yes

Yes

Yes

Yes

2014 4th International Science Congress, Udaipur, Rajasthan, India

December 08-09,2014

Yes

2013 ---- --- --- 2012 3rd International Science Congress, Vrindavan, Mathura
(UP) India December 08-09,2012

Yes

2011 1) 1st International Science Congress, Indore (MP) India 2) National Seminar on Emerging
Trend in Chemical Sciences, December 24-25, 2011 November 18-19, 2011

Attended

Attended