

Mrs.Anuradha Nanewar Joshi

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EDUCATIONAL QUALIFICATION

- 1- M. Tech. In Chemical Engineering (Specialization in Environmental Management) from Ujjain Engineering College Ujjain in 2005 with 73%.
- 2- B.E. Chemical Engineering from G.E.C. Raipur in 1996 with 73%

PROJECT SUMMARY:-

- **At M. Tech Level** “Synthesis of Bio Diesel from Jatropha Oil”
- **At B.E. Level** “Computer aided design of acetic acid plant”

EXPERIENCE:-

8.9 Years working Experience in totality.

- Currently working as assistant professor from 5 august 2011 in department of chemical engineering ,institute of technology , GGV, Bilaspur(CG)
- Worked as reader from Aug 08 to 31 July 2011 in department of chemical Engg. IES, IPS Academy, Indore.
- Worked as Sr. lecturer in Department of Chemical Engg. IES, IPS Academy Indore from Feb. 07 to July 08.
- Worked as lecturer in department of chemical Engg. IES, IPSA, Indore from July 05 to Jan 07.
- Worked as P.T. lecturer at UEC Ujjain from Oct. 1996 to Jan 1999.

RESPONSIBILITIES HANDLED:-

- Worked as co-coordinator for organizing the FDP on “Environmental Modeling and Simulation” 10-12 march 2010, Deptt. Of Chemical Engg. IES IPS Academy Indore, sponsored by MPCST and CSIR.
- Worked in various committees in “National conference of chemical Engineering and environment: Current Trends and Issues” (NCCEECTI 2006) on 3 – 4 Nov. 2006, National Workshop on “Heat transfer and heat exchanger design” 11 - 12

Apr 2008, All India Seminar on “Development of Green Fuel for Energy Security and Environmental Protection” 4-5 September 09, National workshop on “Recent Advancements in Biotechnology and Biochemical Engineering”20-22

- oct.2010, Organized by Department of Chemical Engineering at institute of Engineering of Science IPS Academy, Indore.
- Developed Laboratories in Deptt. of Chemical Engg. at Institute of Engineering of Science IPS Academy Indore
 - Class Coordinator of undergraduate students
 - Mentor of undergraduate students.
 - Departmental library in charge
 - Member, Discipline cum anti ragging committee
 - Cultural Coordinator of institute of technology 2014 -15,2015-16
 - Centre Superintendent, Examination 2016-17, Institute of Technology, GGV
 - Cocordinator of woman study center GGV, Bilaspur
 - Cocordinator, Equillibrio, 2019
 - Election officer for student union election of GGV, for 2019

AREAS OF INTEREST:-

- Mass transfer operations, reactive extraction.
- Chemical Process Calculations.
- Fluid Mechanics, Fuel Technology.
- Environmental Engineering.

RESEARCH PUBLICATIONS/PARTICIPATION IN CONFERENCE.

SEMINAR and FDP:-

- Participated in 2 day National Seminar on “Advanced trends and technologies in civil engineering” 11-12 November 2005 organized by Deptt. Of Civil Engg. IES IPS Academy Indore.
- Research paper on “Synthesis of biodiesel by Soybean oil” Published in E.M.C.B.S. Bits Pilani. (National Level)
- Presented research paper on “An alternative fuel: Bio diesel, synthesized by Jatropa Oil” in International Conference Green Power 5, New Delhi at Feb 2-3 06.
- Presented research paper on “Study of different parameters in production of Bio Diesel” at “National Conference on Chemical Engineering and Environment- Current trends and issues, NCCEECTI 2006” organized by Department of Chemical Engineering , Institute of Engineering of Science IPS Academy, Indore on 3-4 Nov. 2006.

- Presented research paper on “Design of Fuel cell system using Bio-gas generated by Anaerobic Digestion.” in “National conference on chemical Engineering & Environment; Current Trends & Issues- NCCEECTI 2006” on 3-4 Nov. 2006.
- Attended Faculty Development Programme organized by C.I.T.M. Indore on 24 march 07
- Attended Faculty Development Programme on Fluid Dynamics organized by Department of Civil Engineering I.E.S., I.P.S. Academy 23rd -27th July 2007.

- Participated in National Workshop on “Heat transfer and heat exchanger design” 11 - 12 Apr 2008 organized by Department of Chemical Engineering , Institute of Engineering of Science IPS Academy, Indore.
- Attended Faculty Development Programme on “Flow Analysis and Modeling Software” organized by Department of Chemical Engineering, I.E.S., I.P.S. Academy and Neon InfoTech, 23rd -27th July 2007
- Attended short term course on “Biotechnology & Biochemical Engineering” At NITTTR Chandigarh , 17th -21st Nov. 2008.
- Organized National Level Paper Presentation Competition for students, TECHMAZE-09 during 30-31 March 09 at I.E.S. I.P.S. Academy Indore.
- Presented research paper on “Study of the effect of the varying amount of the catalyst on the production of the bio diesel “in International conference “EMASS 2020” held at Ujjain Engineering College Ujjain.
- Presented research paper on “Application of Fuel cell in Chlor Alkali Tech.”in National Seminar on “ Advances in Fuel Cell Technology” during 24,25 July 09 at LNCT Bhopal.
- Presented research paper on “Halophytes: A feedstock for green fuel production” in All India Seminar on “Development of Green Fuel for Energy Security and Environmental Protection” 4-5 September 09 organized by Department of Chemical Engineering, Institute of Engineering of Science IPS Academy, Indore.
- Presented research paper on “Engine performance and exhaust emission analysis using waste cooking bio diesel fuel with ANN: A review” in All India Seminar on “Development of Green Fuel for Energy Security and Environmental Protection” 4-5 September 09 organized by Department of Chemical Engineering, Institute of Engineering of Science IPS Academy, Indore.
- Participated in Faculty Development Programme on “Environmental Modeling and Simulation” during 10-12 march 2010, organized by department of chemical engineering IES IPS Academy Indore.
- Participated in National workshop on “Recent Advancements in Biotechnology and Biochemical Engineering”20-22 oct.2010, Organized by department of chemical engineering, Institute of Engineering of Science IPS Academy, Indore.

- Participated in STC on “Advances in separation technology” organized by ASC, GGV, Bilaspur sponsored by UGC.
- Participated in Refresher course on Chemistry and Chemical Technology, organized by ASC, GGV, Bilaspur
- Participated in 16th Orientation programme organized by, ASC, GGV, Bilaspur.
- Published paper on experimental study of removing heavy metals from water solution Using rice husk as an adsorbent, in international journal of Engineering Associates.
- Published paper “A review: Use of Ipomoea Carnea as an adsorbent” in international journal of Engineering Associates.
- Published paper, “Reactive Extraction: A review of some major parameter.” in IOSR Journal of engineering.
- Presented poster in CHEMCON 2018, NIT Jalandhar, on “Reactive extraction of p-Coumaric acid using TBP and natural diluents”

(Anuradha N. Joshi)