



Centre/School/Special Centre: SOS, E&T

Department: Chemical Engineering

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Mrs. Anuradha N. Joshi
Assistant Professor

Qualifications

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

Area of Interest/Specialization

Reactive Extraction, Fluid Mechanics, Environmental management.

Experience

19 Years

Best Peer Reviewed Publication (up-to 10)

S. No.	Title of paper	Journal	SCI/ Scopus/ Peer reviewed/ UGC listed.
1.	“Reactive Extraction: A review of some major parameter.”	IOSR Journal of engineering.	UGC Listed
2.	Extractive recovery of p-Coumaric acid using natural and conventional organic solvents	J. Indian Chem. Soc., Vol 97, July 2020, pp. 148-151.	SCI
3.	Preparation and characterization of activated carbon from spent coffee grounds using NaOH and KCl as activating agents	J. Indian Chem. Soc., Vol 97, July 2020, pp. 148-151.	SCI
4.	Adsorption of cadmium from water using activated carbon derived from Ipomoea Carnea using chemical impregnation.	IOP conference series: Earth and Environment Science	Scopus

		597 (2020)	
5.	Extractive separation of 4-hydroxybenzoic acid from aqueous solution using nontoxic and conventional solvents.	J. Chemical Data Collections, vol 36, 100782, December 2021.	Scopus
6.	Reactive Extraction of 4 Hydroxybenzoic Acid using Tri-n- Butyl Phosphate in Toluene and Petroleum ether at 298 K.	J. Chem. Eng. Data, June 2022.	SCI
7.	Efficacy of natural oils and conventional chemicals in the physical extraction of 4-hydroxybenzoic acid from aqueous solution	J. Indian Chem. Soc., Vol 99, issue 8, August 2022,100636	SCI

Research Supervision: M. Tech project completed entitled “Study on Reactive Extraction Technique”.

Administrative Responsibilities

- Mentor of undergraduate students.
- Departmental library in charge
- Teacher-in- charge of third semester.
- Member, Discipline cum anti ragging committee
- Cultural Coordinator of SOS Engineering and Tech. 2014 -15,2015-16
- Centre Superintendent, Examination 2016-17, Institute of Technology, GGV
- Coordinator of woman study center GGV, Bilaspur
- Member, BOS, Department of Chemical Engineering, SOS Engineering and Tech., GGV.
- Member, admission committee, Department of Chemical Engineering, SOS Engineering and Tech., GGV.
- Co- coordinator, Tech fest Equilibrio, 2019
- Election officer for student union election of GGV, for 2019.
- Warden of Minimata girl’s hostel.