



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

Accredited by NAAC with "A+" Grade



Department of Chemical Engineering

Faculty Profile

Prof. A S Jadhav

ME (Chemical Engineering)

Assistant Professor

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🔗 https://scholar.google.com/citations?view_op=list_works&hl=en&user=BJginyAAAAAJ

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Research Areas / Areas of Interest

Activated Carbon , Polymer carbon Composite , Adsorption

Personal Details

Date of Birth : 03 / 09 / 1972

Domicile: Maharashtra

Gender : Male

Blood Group: Orh +ve

Contact Details: B-19 Ujwal Terracess, lane no 18B , Dhayari, Pune – 411041

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Chemical Engg	BIT Mesra	Persuing	-
2	M.E.	Chemical Engg	Shivaji	I st	Oct 2008
3	B.E.	Chemical Engg	Shivaji	I st	May 1994

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	27	
2	Research	00	00
3	Industry	00	00
4.	Others	00	00
Total		27	

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Industrial Organisation And Management	UG	TE (Chemical)	03
2	Elective III	UG	BE (Chemical)	04
3	Plant Engg and Chemical Process Design	PG	BE (Chemical)	01

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	04	10		07	05
Conferences	06	04		01	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
1.	Cost Estimation and profitability Analysis for Alkaline Depolymerisation of Polyethylene Terphthalate Waste”	A S Jadhav	2005	Journal of The Institution of Engineers (India): Series E	2250-2483	Journal of The Institution of Engineers (India): Series E
2.	Synthesis and characterization of chemically activated carbon derived from arecanut shell	A S Jadhav	2008	Carbon – Sci. Tech,	0974 - 0546	Carbon – Sci. Tech,
3.	Noise Pollution characterization in Pen town, Dist: Raigad” “Ultra scientist of Physical sciences.	A S Jadhav	2016	Ultra scientist of Physical sciences	0970-9150	Ultra scientist of Physical sciences
4	“Study of Adsorption of oil from oily water using Human Hair” International Journal of Advanced Engineering Technology	A S Jadhav	2011	International Journal of Advanced Engineering Technology	2231-1963	International Journal of Advanced Engineering Technology
5	Chemical Characterization of Biomass waste by Proximate Analysis method Using Catalyst	A S Jadhav	, 2011	International Journal of Advanced Engineering Technology.	2231-1963	International Journal of Advanced Engineering Technology
6	“Kinetic Study of Mono(2-EthylBenzene) Phthalate as Plasticizer	A S Jadhav	, 2011	International Journal of Advanced Engineering Technology.	2231-1963	International Journal of Advanced Engineering Technology.
7	Cost Estimation & Optimum Route Selection For the Production Of Aconitic Acid	A S Jadhav	2013	International Journal of Basic Sciences and Applied Computing	2307-4531	International Journal of Basic Sciences and Applied Computing
8	“Process Development of Pesticide Production from Azadirachta Indica A. Juss	A S Jadhav	2012	International Journal of Agriculture Innovations and Research	2319-1473	International Journal of Agriculture Innovations and Research
9	Enzymatic Hydrolysis Of Maize For Synthesis of Ethanol	A S Jadhav	2013	International Journal of Chemical & Petrochemical Technology	2277-4807	International Journal of Chemical & Petrochemical Technology
10	Synthesis of activated carbon from cocos nucifera leaves agrowaste by chemical activation method	A S Jadhav	2016,	Chemistry & Chemical Technology	1996-4196	Chemistry & Chemical Technology

11	“Evaluation of Kinetic Models of Lead Uptake from Wastewater by Activated carbon derived from coconut leaves	A S Jadhav	2017	Nature Environment and Pollution Technology	2395-3454	Nature Environment and Pollution Technology
11	Synthesis of biomass waste derived activated carbon-NBR composites for automobile application	A S Jadhav	2018	Chemistry & Chemical Technology	1996-4196	Chemistry & Chemical Technology
12	Synthesis and Influence of Feret Diameter on Particle Morphology of Activated Carbon Derived from Agrowastes.	A S Jadhav	2018	Asian Journal of Materials Chemistry	2456-6225	Asian Journal of Materials Chemistry
13	Rapid method for determination of nano surface area of arecanut shell derived activated carbon by iodine adsorption number	A S Jadhav	2018)	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of chemistry and technology	2224-5286	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of chemistry and technology
14	“Optimum heat integration of cumene process by heat exchanger network,	A S Jadhav	2015	International Journal of Current Research	0975-833X	International Journal of Current Research

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1	Comparative studies on effect of activated carbon from different sources as filler in NBR for automobile application”	A S Jadhav	2015	Advancement in Polymeric Materials - APM2015 on :20 th -22 nd feb 2015	-----	IISc Bangalore
2	Synthesis of arecanut shell derived carbon by slow pyrolysis”	A S Jadhav	2015	CHEMCON 2015		
3.	Synthesis of coconut shell derived activated carbon NBR composite for automobile application	A S Jadhav	2016	GREEN CHEMISTRY conference GERMANY		Elesvier B V Germany
4	Advances in Chemical Engg and Technology”	A S Jadhav	2014	ICECE ,Kerala		ICECE 2014,Kerala
5	Rapid method for determination of Surface area of arecanut shell derived activated carbon by iodine adsorption number	A S Jadhav	2015	6 th International Colloids Conference		Elesvier B V Germany

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	---	----

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
International Association of Engineers (2014) (IAEngg)Japan	International	Life	
Associate Member of Institution of Engineers (I)	National	Life	
Indian Institute of Chemical Engineers (IICHE)	National	Life	
Indian Society for Technical Education (ISTE).	National	Life	

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details

Books Published

S. No	Title	Name of the Publisher	ISBN/ISSN Number
1			

Research Grants Received

S.	Program	Duration	Funding	Grant Amount
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No			Agency	
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Details of Workshop / STTP / FDP / Seminar / Conferences Organized

S. No	Title	Type	Duration	Level (State/National/International)	Sponsoring Agency
01	SAFETY ASSURANCE IN HOTEL INDUSTRY DURING AND POST COVID 19 PANDEMIC	SEMINAR	One day	International	Department of Chemical Engg. AISSMS COE
2.	Marketing :An Opportunity for Chemical Engineers by Mr C S Rane Position : Manager : Global Operations	SEMINAR	One day	International	IEI Students Chapter Chemical Engg
3	Importance of Eco Friendly Surface Sanitizer (Chlorine Free) to tackle COVID 19	SEMINAR	One day	International	IEI Students Chapter Chemical Engg
4.	Entrepreneurship development for Engineers	LEADEERS HIP TALK	One day	International	IEI Students Chapter Chemical Engg
5	ENTREPRENEURSHIP DEVELOPMENT FOR ENGINEERS	SEMINAR	One day	International	IEI Students Chapter Chemical Engg
6	Career Prospect For Chemical Engineers In Saudi Arabia.	SEMINAR	One day	International	IEI Students Chapter Chemical Engg
7	INTRODUCTION OF ASPEN+ FOR PROCESS DESIGN AND SIMULATION"	Workshop	One day	National	IEI Students Chapter Chemical Engg
8	ADVANCES IN CHEMICAL PROCESSES AND PROCESS ENGINEERING	Workshop	One day	National	IEI Students Chapter Chemical Engg

Contribution as Resource Person

S.	Place/	Topic	Level(National/Int/	Date
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No.	Organization		State/Regional)	
1	23rd International Conference on Nanotechnology and Nanomedicine Zurich Switzerland	Characterization and preparation of activated carbon used for preparation of Polymer carbon composite	International	Oct 23-24,2020
2.	SCITECH International Conference on Materials Science and Engineering and 2nd International Conference on Chemistry and Chemical Engineering in Dubai	Feret Diameter estimation of Activated carbon prepared from Coconut leaves	International	October 09-10, 2019

Details of Worshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	INTRODUCTION OF ASPEN+ FOR PROCESS DESIGN AND SIMULATION"	Workh op	29 Feb 2020	AISSMS College of Engg, Pune	IEI Students Chapter Chemical Engg
2	ADVANCES IN CHEMICAL PROCESSES AND PROCESS ENGINEERING	Workh op	7-8, Feb 2020	AISSMS College of Engg, Pune	IEI Students Chapter Chemical Engg
3	Sustainable Development in Chemical Processes Organized by Department of Chemical Engineering	Workh op	21-23 May 2020	K k Wagh COE Nashik	K k Wagh COE Nashik

Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Conducted Industrial Visit , Organised Workshop and Webinar

Awards Received

S. No.	Awards

Declaration: I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

Mr A S Jadhav

(Name with Signature)