



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
Accredited by NAAC with "A+" Grade



Department of Chemical Engineering

Faculty Profile

Dr. Mahendra Baingne

PhD (Chemical Engineering)

Assistant Professor

✉ mbaingne@aissmscoe.com
mahendra.baingne@gmail.com

☎ 7417670930; Extn: 1214

🔗 <https://scholar.google.com.tw/citations?user=zDQKdi8AAAAAJ&hl=en>

🔗 <https://www.linkedin.com/in/mahendra-baingne-26577379/>



Research Areas / Areas of Interest

Hydrodynamic stability, Fluid mechanics

Personal Details

Date of Birth : 23 / 06 / 1988

Domicile: Madhya Pradesh

Gender : Male

Blood Group: AB+ve

Contact Details: Permanent: 503, Seoni, Pandhurna, Chhindwara – 480337 (M.P.)

Current: Flat 3, Building 5, Tulsiani State, Bhawani Peth, Pune - 411042

Academic Background

S. N.	Qualification	Specialization	University	Class/Grade	Year of Passing
1	Ph.D.	Chemical Engineering	I.I.T. Roorkee	--	May 2020
2	M.Tech.	Chemical Engineering	I.I.T. Roorkee	1 st	July 2013
3	B.E.	Chemical Engineering	R.G.P.V. Bhopal	1 st	June 2010

Work Experience

S. N.	Type of Experience	Years	Months
1	Teaching	00	10
2	Research	00	00
3	Industry	00	00
4.	Others	--	--
Total		00	10

Subjects / Courses Taught

S. N.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Process Calculations	UG	SE	1
2	Transport Phenomena	UG	TE	1
3	Piping Design and Engineering	UG	BE	1
4	Computer Aided Design	PG	ME	1
5	Advanced Transport Phenomena	PG	ME	1

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	00	03	00	03	00
Conferences	01	01	00	00	--

Publication Details (Journals)

S. N.	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1.	Effect of wall deformability on the stability of shear-imposed film flow past an inclined plane	M. Baingne and G. Sharma	2020	International Journal of Engineering Science 150 (103243)	ISSN: 0020-7225	Elsevier
2.	Effect of wall deformability on the stability of surfactant-laden viscoelastic liquid film falling down an inclined plane	M. Baingne and G. Sharma	2019	Journal of Non-Newtonian Fluid Mechanics 269 (1)	ISSN: 0377-0257	Elsevier
3.	Stability of gravity-driven free surface flow of surfactantladen liquid film flowing down a flexible inclined plane	D. S. Tomar, M. Baingne, and G. Sharma	2017	Chemical Engineering Science 165 (216)	ISSN: 0009-2509	Elsevier

Publication Details (Conferences)

S. N.	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1.	Linear stability of surfactant laden freely falling Oldroyd-B film down a flexible solid	M. Baingne and G. Sharma	2018	Fluid Mechanics and Fluid Power Conference (FMFP-2018)		IIT Bombay (10th to 12th Dec. 2018)
2.	Long wave stability of two layered flow of two Oldroyd-B film past a soft solid layer	M. Baingne and G. Sharma	2015	ChEmference-2015		IIT Hyderabad, (5th to 6th Dec. 2015)

PhD / ME / BE Student Guided for Project

Level	Ph.D.	M.E. (PG)	B.E. (UG)
No. of Student guided	-	00	00

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Solar Energy Society of India	National	Life	

Patents / IPR Filed / Granted

S. N.	Investigator Details	Title	Year	Status (Filed/Granted)	Details

Books Published

S. N.	Title	Name of the Publisher	ISBN/ISSN Number

Research Grants Received

S. N.	Program	Duration	Funding Agency	Grant Amount
1.				

Details of Workshop / STTP / FDP / Seminar / Conferences Organized

S. N.	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
01					

Contribution as Resource Person

S. N.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date

Details of Workshop / STTP / FDP / Conferences Attended

S. N.	Title	Type	Duration	Organizer	Sponsoring Agency
1	Recent Trends in Green Technology and Materials (RTIGTAM-2021)	FDP	20/12/2021 to 24/12/2021	Department of Chemical Engineering, Sinhgad College of Engineering, Pune	

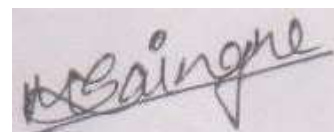
Major Professional Responsibilities Handled

S. N.	Role and Responsibilities
1	GFM of SE students during Term-2 of Academic Year 2021-22
2	Department media coordinator since May 2022

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.



Dr. Mahendra Baingne

(Name with Signature)