



Mr. Rahul Sahu

Name	Mr. Rahul Sahu
Designation	Assistant Professor
Areas of interest	OpenFOAM modelling, Heat transfer, Thermodynamics, Non equilibrium flow, Fluid flow problems
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Email id	rahuliitb14@gmail.com
Resume	https://drive.google.com/drive/folders/1ImU7ULIEEgilo9hCZZdmv9B9IqLLGiHG?usp=sharing
Google scholar	https://scholar.google.com/citations?user=5gPqKdQAAAAJ&hl=en

Qualification –

1.	Ph.D.	Pursuing	Thermal Engg.	IIT Bhilai	-
2.	M.Tech.	2012-14	Thermal Engg.	IIT Bombay	8.49
3.	B.E.	2008-12	Mechanical Engg.	BIT Durg	80.25 %

Experience –

Assistant Executive Engineer (AEE(P)) at Oil & Natural Gas Corporation Limited (ONGC)

Course Handled –

Sr. No.	Session	Theory	Lab course
1.	Jul – Dec 2016	CAD/CAM	CAD/CAM
2.		Fluid Machines	Fluid Machines lab
3.	Jan -Jun 2017	Fluid Mechanics	Fluid Mechanics lab
4.		Robotics	
5.	Jul – Dec 2017	Fluid Machines	Fluid Machines Lab
6.		Machine Tool Technology	
7.	Jan – Jun 2018	Thermodynamics	Major Project
8.		Robotics	Robotics Lab
9.	Jul – Dec 2018	Energy Systems	Fluid Machines Lab
10.		Machine Tool Technology	
11.	Jan – Jun 2019	Heat & Mass transfer	HMT Lab
12.		Robotics	Robotics Lab
13.	Jul – Dec 2019	Fluid Machines	Fluid Machines Lab
14.		Machine Tool Technology	
15.	Jan – Jun 2020	Production Management	Major Project
16.		Robotics	Robotics Lab
17.	Jul – Dec 2020	Fluid Machines	Fluid Machines Lab
18.		Machine Tool Technology	
19.	Jan – Jun 2021	Production Management	
20.		Robotics	Robotics Lab
21.	Jul – Dec 2021	Fluid Machines	Fluid Machines Lab

22.		Machine Tool Technology	Software Lab
23.	Jan – Jun 2022	Strength of Materials	Material Testing Lab
24.		Principles of Management	
25.	Jul – Dec 2022	Fluid Machines	Fluid Machines Lab

RESEARCH PAPERS

Journals:

1. Shweta Sharma, Aniket Agrawal and **Rahul Sahu**, Heating and cooling analysis of workshop using CFD simulation, International Research Journal of Engineering and Technology (IRJET), ISSN: 2395-0056 (online), Volume 7, Issue 5, May 2020
2. Anil Singh Yadav, Padam Singh, **Rahul Sahu**, and others Potential utilization of turpentine oil as an alternate fuel; Material Today: Proceedings; 63 (2022) A1-A8, Elsevier publication ISSN- 2214- 7853, June 30, 2022
3. Kranti Kumar Dhruw, Bhavyavesh Sahu, Gulab Verma and **Rahul Sahu**, A critical design and analysis of dessert cooler test rig, Journal of Harbin Institute Of Technology ISSN: 0367-6234 Vol. 54 Issue. 7 2022
4. Shubhra Sparsh, Ch. Siva Ramakrishna, **Rahul Sahu** and others, Future prospects of biodiesel production from jatropha in India, Material Today: Proceedings; 63 (2022) A22-A26, Elsevier publication ISSN- 2214- 7853, July 30, 2022

Achievements -

1. GATE 2012 - AIR 332,
2. 2nd Rank in CGPSC (AP, 2016),
3. Ex-AEE(P) at ONGC, a Maharatna PSU under GoI,
4. CGPET 2008 Rank - 388,
5. Was selected under Tuition Fee Waiver scheme during BE at BIT Durg,
6. Maths Olympiad 2006 up to Regional level,
7. Was in top 10 in 3 districts in the entrance exam (2003) for Jawahar Navodaya Vidyalaya

Conference/Workshops

Mr. Rahul Sahu	Training on CNC machines	CIPET Raipur	CIPET Raipur	Jan 2018	1 Week
Mr. Rahul Sahu	Short Term Course on Communication Skills	NITTTR Chandigarh	NITTTR Chandigarh	16 th to 20 th Sept 2019	1 Week
Mr. Rahul Sahu	Professional Development Training	IIM Raipur	IIM Raipur	March 2019	1 Week
Mr. Rahul Sahu	FDP on Research Methodology	CSVТУ Bhilai	IIT Bhilai	16 th to 18 th Jan 2020	3 Days
Mr. Rahul Sahu	FDP on recent trends in manufacturing techniques	CIPET, Korba	GEC, Raipur	24 th Feb to 9 th March 2021	2 Week

Additional responsibilities –

8. Departmental Class test in charge
9. Faculty- In charge of the Mechanical Engineering Society
10. Final year class faculty- in charge
11. Was member of the TEQIP III committee
12. Also served as a library committee member
13. HMT and RAC lab in charge