



Ms. SWASTIKA PATEL

	Name	SWASTIKA PATEL
	Designation	Assistant Professor
	Areas of interest	Thermodynamics, Fluid Mechanics and HMT.
	Room No.	E - 102
	Mobile	7869799800
	Email id	Swastikapatel2014@gmail.com
	Google scholar link	https://scholar.google.com/citations?hl=en&user=9zlrpwgAAAAJ

Qualification –

1.	M.Tech.	2012-14	Thermal Engg.	NERIST Itanagar	4.88/5 (Gold Medal)
2.	B.E.	2008-12	Mechanical Engg.	IT Korba	70.4

Experience –

As an Assistant Professor at JK Institute of Technology Bilaspur

Course Handled –

Heat and Mass Transfer

Operation Research

Mechanical Measurements and Metrology

Production Management

Major and Minor Project

RESEARCH PAPERS

Journals:

1. Asis Giri and **Swastika Patel**; Buoyancy Induced Convection from Bi-heaters in a Cavity: A Numerical Study, ASME Journal of Heat Transfer, Vol. 140, pp.102501/1-12, 2018.
2. Ranveer Sachin Powar, Anil Singh Yadav, Ch. Siva Ramakrishna, **Swastika Patel** and others Algae: A potential feedstock for third generation biofuel, Martials Today Proceedings, 63(2022) A27-A33, ISSN – 2214-7853, July 25, 2022

Achievements -

1. Gold Medal in M. Tech 2014.
2. Merit Scholarship by Govt. of Chhattisgarh during B.E., 2008-2012.
3. Merit Scholarship from TEQIP, Govt. of India during M. Tech., 2012-2014.
4. Secured 17th Rank in the exam conducted by the Chhattisgarh Public Services Commission (CGPSC) for the selection of Assistant Professor (Mechanical Engineering).
5. Worked as a reviewer of the innovative ideas received under INSPIRE award given by the Department of Science and technology, Govt. of India.

Conference/Workshops

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

Completed all the 8 modules of NITTT MOOCs

Additional responsibilities –

1. NBA coordinator
2. Member of admission
3. Departmental library in charge
4. Was member of sports committee
5. Faculty incharge of Mechanical Engineering Society
6. Faculty incharge of Mechanical Engineering Society of Departmental Magazine “ Tvaran” and Newsletter.
- 7.