


CURRICULUM VITAE

About Faculty:

Ms. Ritu Saxena is an Assistant Professor in the Department of Electrical Engineering at Shri G. S. Institute of Technology and Science (SGSITS), Indore (MP). She received her B.E. degree in Electrical Engineering from Ujjain Engineering college , Ujjain in 2016 and M.E. degree in Electrical Engineering with specialization in Power Electronics from Shri G. S. Institute of Technology and Science (SGSITS), Indore (MP) in 2022. She was previously worked as Assistant Professor in IIST , INDORE. Her Research interest in the field of Renewable energy system , Optimization , Soft computing, Power Electronics.

1. Personal Information			
(i)	Name	RITU SAXENA	
(ii)	Qualification	M.E.(Power Electronics)	
(iii)	Designation	Assistant Professor	
(iv)	Email-id	ritu.saxena304@gmail.com	
(v)	Employee No.	0905144	
(vi)	Department	Electrical Engineering	

2. Educational Qualifications				
S.No.	Degree	Specialization	Year	University/ Board
1.	M.E.	Power Electronics	2019-2022	Shri G. S. Institute of Technology and Science (SGSITS), Indore (MP)
2.	B.E.	Electrical Engineering	2012-2016	Ujjain Engineering College , Ujjain.

Work Experience				
S.No.	Designation	Department	Employer Name	Duration of Employment
1.	Assistant Professor	Electrical Engineering	August 2022 to present	Shri G. S. Institute of Technology and Science (SGSITS), Indore (MP)
2.	Assistant Professor	Electronics And Communication Engineering	March 2022 to August 2022	Indore Institute of Science and technology , Indore (M.P.)

3. Research Interests

Renewable energy system , Optimization , Soft computing, Power Electronics.

4. Technical Papers Publications
(i) International and National Journals and Conferences
1. Ritu Saxena, Dr. H.K. Verma, Dr. Arun Parakh, Mrs. Rinki Rajpal . Harmonic Reduction Of Multilevel Inverters By Using Soft Computing Techniques : A Review , 3rd International Conference on Sustainable and Innovative Solutions For Current Challenges in Engineering & Technology (ICSISCET 2021).
2. Ritu Saxena, Dr. H.K. Verma, Dr. Arun Parakh, Mrs. Rinki Rajpal . Selective Harmonic Elimination of Voltage Source Inverter For Renewable Energy Sources Using Hybrid Salp Swarm- Sine Cosine Algorithm , International Journal Of Advanced Research In Electrical , Electronics and Instrumentation Engineering Volume 10, Issue 12, December 2021.

SEMINARS, WEBINERS AND WORKSHOP ATTENDED:

- (1) Attended 102th Indian Science Congress at University of Mumbai.
- (2) Training on Solar Study Lamp Assembly and it is conducted by IIT Bombay.
- (3) Participation in Faculty Development Program on ELECTRIC vehicle Technologies and Advances
- (4) Participate in "Online Quiz on POWER ELECTRONICS".
- (5) Participate in "International Level Online Quiz on ELECTRICAL MACHINE and its applications".
- (6) Attended webinar on "Enhancement of Testing and Consultancy".
- (7) Attended webinar on "Electrical Vehicle Technologies : Development & Opportunities".