

Performa Faculty Profile for website Updation:



AARADHNA SONI

Assistant Professor

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Contact No: 8959697113

Educational Qualification:

M.Tech (Power Electronics), B.Tech (Electrical and Electronics Engineering)

Total Experience: 9 yrs.

Academic: 9 yrs. | Industry: yrs. | Research: yrs.

Areas of Interest:

- Basic Electrical Engineering
- Data Communication & Networking
- Power Electronics
- Electrical Instrumentation

Brief Profile:

Prof. Aaradhna Soni holds MTech degree in Power Electronics Engineering and B.Tech degree in Electrical and Electronics Engineering from Trinity Institute of Research & Technology, Bhopal. She has about 9 years of teaching experience in different areas of Electrical & Electronics Engineering. She is currently working as Assistant Professor in the School of Engineering & Technology. Her area of interest includes Data Communication & Networking and Power Electronics.

Research publications in International Journal:

- “A Soft Computing Approach for Prediction of Reactive Power Drawn by Induction Motor” International Journal of Innovative Research in

Engineering Application (IJIREA) Volume 01, Issue 02, April 2016.

- “Artificial Neural network based soft – starter for induction motor”
International Research Journal of Engineering Applied science (IRJEAS)
Volume 08, Issue 04, October-December 2020.

- “Multi-story and intelligent car parking system” - International Research Journal of Engineering Applied science (IRJEAS) Volume 10, Issue 01, January-March 2022.

Papers presented in International Conferences: - NA

Papers presented in National Conferences:

- Multi-Story and Intelligent Car Parking System Paper presented in, One day National E-Conference on Recent Advances in Sciences and Technology on 19/6/2021 department of Electrical & Electronics Engineering Sage University, Bhopal
- Data Center Network Security presented in One day National E-Conference on Recent Advances in Sciences and Technology on 19/6/2021 department of Electrical & Electronics Engineering Sage University, Bhopal

Patents: NA

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International/National Conference & Workshops Attended-NA

FDP Attended:

- Attended

S.No.	Title	Date	Organized by	Name of Participant	Duration
1	cyber security & Block chain Technology sponsored by IEEE	28/06/2022 to 02/07/2022	In Oriental Institute of Science & Technology Bhopal	Aaradhna Soni	Five week
2	“Renewable Energy Sources & Future Energy Needs”	15/2/2021 to 19/2/ 2021	MITTS, Gwalior	Aaradhna Soni	5 Days

3	"Power Electronic Systems and its Real Time Control Implementation in DSP"	(8-12th November 2021)	MITTS, Gwalior	Aaradhna Soni	5 Days
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Awards/Recognitions:

Workshops/Seminars/Conference Organized:

1. She was organizing committee member of International Conference on "Recent Advances in Sciences and Engineering" as Convener, held at SAGE University Bhopal, India on 23rd April 2022.
2. One day National E-Conference on Recent Advances in Sciences and Technology on 19/6/2021

Membership of Professional Bodies: -NA

Other Achievements:

- University Coordinator of Cultural Clubs & Societies.
- Attendance Coordinator in department level
- NPTEL open online course- I passed NPTEL Exam with 55 % with the under Guidance by Dr. Sudip Mishra is a Professor in the Department of Computer Science and Engineering at the Indian Institute of Technology Kharagpur. Topic is Internet of Things (IOT) is presently a hot technology worldwide.