

Dr. Rishika Chauhan

Assistant Professor(G-II)

Education: B.Tech (in ECE from DIT, Dehradun), M.Tech in ECE from IIIT, Noida, Ph.D.

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Areas of Interest: Digital Communication, Wireless Communication, Coding Theory

Brief Profile:

I have completed my B.Tech with honors from Dehradun Institute of Technology (DIT), Dehradun in Electronics and Communication Engineering in the year 2009 and M.Tech with Gold Medal from Jaypee Institute of Information Technology (IIIT), Noida in the year 2011 with specialization in Wireless Communication. I have joined JUET in the year 2011 and currently working in the department of ECE.

Academic Activities:

- 1) B.Tech Project Coordinator of ECE Department
- 2) M.Tech Seminar Coordinator

Seminar organized:

Delivered a departmental seminar on "Neural Network and its Applications" on 26th March 2019 at JUET Guna.

Publication@JUET

[Publication details google profile link](#)

Journals

- [1] R. Chauhan, P. Dumka, and D. R. Mishra, "Modelling conventional and solar earth still by using the LM algorithm-based artificial neural network," Int. J. Ambient Energy, 2020.
- [2] R. Chauhan, S. Sharma, R. Pachauri, P. Dumka, and D. R. Mishra, "Experimental and theoretical evaluation of thermophysical properties for moist air within solar still by using different algorithms of artificial neural network," J. Energy Storage, vol. 30, no. March, p. 101408, 2020.

Workshops and FDP Attended

- (i)One week Faculty development program on "VLSI Design using Open source -Methodologies & Challenges in Digital Integrated Circuits and Memory design" organized by E&ICT Academies of IIT (Roorkee, Guwahati), MNIT Jaipur, NIT Patna, 16th Dec.- 20th December, 2019.
- (ii)One week Faculty development program on "Deep Learning and Applications" organised by E&ICT Academies of IIT (Roorkee, Guwahati), MNIT Jaipur, NIT Patna and IIITDM, Jabalpur, 9th Dec-13th Dec, 2019

- (iii) Three days Faculty Development Program on "Student Induction" organised by All India Council for Technical Education (AICTE), JUET, 16th Sept.- 18th September, 2019
- (iv) One week Faculty development program on "Deep Learning and Applications" organised by E&ICT Academies of IIT (Roorkee, Guwahati), MNIT Jaipur, NIT Patna and IIITDM, Jabalpur, 27th May- 31st May, 2019.
- (v) Two days national workshop on "Application of MATLAB in Science and Engineering" organized by department of Electronics and Communication Engineering department, JUET, Guna, 11-12th February, 2017.
- (vi) Three days national workshop on "High Performance VLSI Architecture for Digital Signal Processing Applications: Design and Implementation" organized by MPCST and JUET, Guna, 9-11th September, 2016.
- (vii) Three days national workshop on "VLSI Design" organized by JUET, Guna, 14-16th July, 2015.