

Requirements for Uploading Faculty Profile on Website

1. Name – Mr. Amit
2. Designation – Assistant Professor (O.G.)



3. Professional Photograph
4. Educational Qualification –

Degree – M.Tech

Institute/Organization – SRM Institute of Science and Technology

Specialization – VLSI Design

Year of Passing – 2010

5. Publications –

- i. *'Fluorescent based Recognition of Cu(II) Ion in Aqueous Solutions by Ruthenium(II) Complex Linked with Pyridine'* Vikesh Kumar Singha, Anandveer Sindhua , and **Amit**. Journal of Analytical Chemistry, 2023, Vol. 78, No. 5, pp. 628–634. © Pleiades Publishing, Ltd., 2023
- ii. *'Design and Fabrication of a Patch Antenna for Underwater Communications'* **Amit** , Sandip Vijay. Wireless Personal Communications (2022) 126:2671–2687.
- iii. *'Design of 15 level reduced switches inverter topology using multicarrier sinusoidal pulse width modulation'* Selvabharathi Devadoss , Palanisamy Ramasamy , **Amit** , Aditya Agarwal , Saptarshi Gupta. TELKOMNIKA Telecommunication Computing Electronics and Control Vol. 21, No. 1, February 2023, pp. 214~222.
- iv. *'Eminent Method of Voice Identification by Applying Pitch, Intensity and Pulse'* Pharindra Kumar Sharma, Saptarshi Gupta , Aditya Agarwal , Neeraj Sahu , M. Vinothkumar , ManojKumar Vishnoi , **Amit** , Anurag Singh. AIP Conference Proceedings 2393, 020079 (2022).
- v. *'Antenna design for underwater communication(wide band) : A review'* **Amit**, Sandip Vijay and Manish Kumar Pandey. I J C T A, 10(9), 2017, pp. 33-41 ISSN: 0974-5572 © International Science Press.
- vi. *'Review on Solar Powered Air Compressor Pump for Car, Bike Tire Inflate'* **Amit**, V. Narendra Kumar, Aman Batra, Kshitij Kulshrestha, Shubham. International Journal of Education and Science Research Review Vol-3, Issue-2
- vii. *'A System for Patient Monitoring Based on GSM Technology'* **Amit**, Shubhangi Srivastava, Danish Sangar, Harshit Vasan, Mehak Kalra. International Journal of Education and Science Research Review Vol-3, Issue-2.

- viii. *'Low-Power and Area-Efficient Shift Register Using Pulsed Latch'* Mutum Arnica, **Amit**. Imperial Journal of Interdisciplinary Research (IJIR).
- ix. *'Prepaid energy meter for improved metering and billing system'* **Amit**, nikhil vijay, farhaz malik, abhinav sharma, anuj chopra. International Journal of Engineering Research and Management Technology, volume-1, Issue-2.
- X. *'Transient and Dc analysis Microcontroller 8051 at 0.5 micro technology for High speed Applications'* Haneef khan, **Amit**. International Journal of Soft Computing and Engineering, volume-2, Issue-5.

6. Awards and Achievements – UGC-NET 2022

7. Workshops /Seminars –

- i. "राष्ट्रीय शिक्षा प्रणाली में कृत्रिम बुद्धि का उपयोग" आयोजक संस्था / Host Institution स्थान/ Venue: - कं प्यूटर विज्ञान और इंजीनियरिंग विभाग, महिला प्रौद्योगिकी संस्थान, देहरादून (उत्तराखंड) अशि / Duration दिनांक 17-18 अगस्त 2020 तक .
- ii. NPTEL E- Awareness workshops on 06 Jan 2021
- iii. 'Connecting People to the Semiconductor Industry' from 05.12.2022 to 17.12.2022 organised by the Department of Electronics and Communication Engineering Vadapalani.
- iv.

FDPs –

- I. 'Wearable Devices for IoT and Microwave Infrastructure' held from 20th December 2022 to 25th December 2022 conducted at SRMIST, Delhi-NCR, Campus, Modinagar organized by Department of Electronics and Communication Engineering
- II. 'Data: From Synthesis and Analysis to Connect and Security' from 28 Mar to 02 Apr 2022 at Amity University, Uttar Pradesh Noida.
- III. AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-12-7 to 2020-12-11 at SRM INSTITUTE OF SCIENCE AND TECHNOLOGY.
- IV. AICTE Training And Learning (ATAL) Academy Online FDP on "Novel Materials" from 2020-11-9 to 2020-11-13 at SRM Institute of Science and Technology.
- V. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Nano Electronics and RF Engineering" from 06/09/2021 to 10/09/2021 at SRM Institute Of Management and Technology
- VI. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Antenna: Design, Fabrication and Measurement" from 02/08/2021 to 06/08/2021 at G B Pant Institute of Engineering and Technology.
- VII. "Research Methodology with Scientific Tools" organised by Faculty of Sciences held on March 01-05, 2021 at Shri Rawatpura Sarkar University, Raipur (Chhattisgarh), India.
- VIII. Protecting yourself over the web Conducted by Media Engineering Department from 05/06/2023 to 09/06/2023 (One Week) at NITTTR, Chandigarh.
- IX. Digital Tools for Teaching and Learning Conducted by Media Engineering Department from 25/07/2022 to 29/07/2022 (One Week) at SRM Institute of Science and Technology, Modinagar, Ghaziabad, U.P.

8. Work Experience – 14 years
9. Memberships – ISTE, IAENG, IRED
10. Book Published

S.No.	Book name	Course
1	Basic Electrical Engineering	B.Tech.
2	Electrical Engineering and Machine	Polytechnic
3	Basic Electrical & Electronics	Polytechnic
4	Basic Electrical & Electronics Engineering	Polytechnic
5	Electrical Instruments& Measurement	Polytechnic

11. On line (Mooc) Course

S.No.	Subject	Organisation	Remark
1	Electromagnetic Theory	NPTEL	Pass
2	Antenna	NPTEL	Elite
3	Developing Soft skills and Personality	NPTEL	Elite
4	Basic Electronics	NPTEL	Elite
5	Discrete Time Signal Processing	NPTEL	Elite
6	Mini MBA	Swiss E-learning Institute	Pass
7	Stress Management	NPTEL	Elite
8	Introduction to Research	NPTEL	Elite
9	The Science of Well-Being	Coursera	Successfully completed
10	Computer Networks and Internet	NPTEL	Elite

	Protocol		
11	Fundamentals of Network Communication	Coursera	Successfully completed
12	Peer-to-Peer Protocols and Local Area Networks	Coursera	Successfully completed
13	Digital Systems: From Logic Gates to Processors	Coursera	Successfully completed
14	Computer Architecture and Computer Organization Masterclass	Udemy	Successfully completed