

Department of Electronics and Communication

Student Achievements



Sl. No.	Student Name	USN	Semester	Achievement	University/Organization	Date
1	Raghavendra Chinmai Sai Siddharth, Shivraj M R, Mruthika N Sowjanya M. Sharma, Shashank J. Kote	1DT23EC074 1DT23EC091 1DT23EC089 1DT23EC061 1DT23EC093 1DT23EC084	5 th Sem	Won the First Prize in the Tech Talk event conducted as part of SPARDA	City Engineering College, Bangalore	03-11-2025
2	Harshitha S R, Kruthika T K	1DT23EC031 1DT23EC044	5 th Sem	Won first place in Technical quiz competition at NATIONAL LEVEL EVENT (Cash Prize)	SIET, Tumkur	11-11-2025
3	Abhishek H. J, Hemanth Kumar M. M, Anirudh H. S	1DT23EC002 1DT23EC033 1DT23EC010	5 th Sem	First Prize at the Yuktikalpa Tech Expo 2025	B. M. S. College of Engineering, Bangalore	15-11-2025
4	Hemanth Kumar M.M	1DT23EC033	5 th Sem 'A' Sec	Digital Design with verilog (NPTEL Course)		Jan-April 2025

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5	Hemath Kumar M M	1DT23EC033	5 th Sem 'A' Sec	Embedded system design with ARM	NPTEL	Jan- March 2025
6	Hemath Kumar M M	1DT23EC033	5 th Sem 'A' Sec	Digital Circuits	NPTEL	July - October 2024
7	Abhishek H J	1DT23EC002	5 th Sem 'A' Sec	Digital Design with verilog	NPTEL	Jan-April 2025
8	Abhishek H J	1DT23EC002	5 th Sem 'A' Sec	Embedded system design with Arm	NPTEL	Jan -march 2025
9	Abhishek H J	1DT23EC002	5 th Sem 'A' Sec	Digital Circuits	NPTEL	July -october 2024
10	Harshitha S R	1DT23EC031	5 th Sem 'A' Sec	Digital Design with verilog	NPTEL	Jan-April 2025
11	Harshitha S R	1DT23EC031	5 th Sem 'A' Sec	VLSI Interconnects	NPTEL	July- Sept. 2025
12	Dhruthi S	1DT23EC022	5 th Sem 'A' Sec	Digital design with Verilog	NPTEL	Jan-April 2025
13	Allumalla yaswanth	1DT23EC009	5 th Sem 'A' Sec	Python for data science	NPTEL	July-Oct 2025
14	Mehnaaz Jaffar	1DT23EC059	5 th Sem 'A' Sec	Digital design with Verilog	NPTEL	Jan-April 2025
15	Kruthika T. K	1DT23EC044	5 th Sem 'A' Sec	VLSI RTL to GDS	NPTEL	July-Oct 2025
16	Kruthika T. K	1DT23EC044	5 th Sem 'A' Sec	Hardware modelling using Verilog	NPTEL	July-Sep 2025

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17	Ayushi Gupta	1DT23EC014	5 th Sem 'A' Sec	VLSI RTL to GDS	NPTEL	July-Oct 2025
18	Ayushi Gupta	1DT23EC014	5 th Sem 'A' Sec	Hardware modelling using verilog	NPTEL	July-Sep 2025
19	KARTHIK ROHAN R	1DT23EC041	5 th Sem 'A' Sec	VLSI RTL to GDS	NPTEL	july-oct 2025
20	KARTHIK ROHAN R	1DT23EC041	5 th Sem 'A' Sec	Hardware modelling using Verilog	NPTEL	July-Sep 2025
21	ARYAN R GOWDA	1DT23EC012	5 th Sem 'A' Sec	VLSI RTL to GDS	NPTEL	July-Oct 2025
22	ARYAN R GOWDA	1DT23EC012	5 th Sem 'A' Sec	Hardware modelling using Verilog	NPTEL	July-Sep 2025
23	Vijayalakshmi	1dt23ec411	5 th Sem 'B' Sec	VLSI RTL to GDS	NPTEL	July-Oct 2025
24	Varsha M Patil	1DT23EC112	5 th Sem 'B' Sec	VLSI RTL to GDS	NPTEL	Jul - Oct 2025
25	Tanvi	1DT23EC105	5 th Sem 'B' Sec	VLSI RTL to GDS	NPTEL	Jul - Oct 2025
26	Vikyath J	1DT23EC21	5 th Sem 'B' Sec	C based VLSI design	NPTEL	Aug.- Nov. 2025
27	Pallapothu Sai Srijan Nihal	1DT23EC067	5 th Sem 'B' Sec	Hardware modelling using Verilog	NPTEL	July-Sep 2025
28	Aditya Tripathi	1DT24EC006	3rd Sem 'A' Sec	Joy of Computing in Python	NPTEL	July-Oct. 2025

Publications / Patents by Students



Sl. No	Student Name	Title	Journal/Conference/Patent	Status	Indexing	Date
1	Rame Gowda D. N., Trisha J. K., Varshini M., Poornesha S. Shetty	Atomistic Insights into Aluminium– Boron Nitride Nanolayered Interconnects for High- Performance VLSI Systems	Computers, Materials and Continua	Indexed	Scopus (Q2)	12 January 2026
2	BG Tejas	Transition metal doping effects on scandium nitride nanoribbons for optimized VLSI interconnect modeling	Journal of Computational Electronics	Indexed	Scopus (Q3)	April 2026
3	S Gowda, S Sajith, O Sathvika,	Design and Implementation of a Voice-Assisted Mobile Robot for Elderly	2025 International Conference on Robotics and Mechatronics (ICRM)	Indexed	Scopus	28 January 2026
4	Abhishek D. Sharma, Bhuvan K. Koundinya Chokkanahalli Anirudh Yashas N	Effective and efficient automatic detection, prediction and prescription of potential disease in berry family	Multimedia Tools and Applications	Indexed	Scopus (Q1)	2025 January
5	BG Tejas	Thallium Nitride Nanosensors for Selective Detection of CO ₂ , CO, NO, and BF ₃ Gases: Insights from Ab Initio Molecular Dynamics	Advanced Theory and Simulations	Indexed	Scopus (Q1)	January 2026



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6	Abhishek H J, Hemanth Kumar.M.M, Anirudh H S	Smart Safety cum Fitness Band for Women	Patent / Utility	Filed	202644054444	4/29/2026
7	Priyanka Gurjar Suchithra A	IoT Enabled Automated Shirodhara Therapy System with Intelligent Temperature Regulation and Oil Recirculation	Patent / Utility	Published	202644052263	24/04/2026
8	Katreddi Girija G. Sai Akshaya	Millet-Based Edible Spoon Incorporating Temperature-Sensitive Flavour Microcapsules	Patent / Utility	Published	202644058733	08/05/2026
9	SHANTANU KUMAR KEERTHANA D T.G. NANDITHA ARYENDRA AWASTHI	Smart Cold Vaccine Storage System with IoT-Based Cold Chain Management, RFID Access Control, and Real-Time Monitoring	Patent / Utility	Published	202644053777	28/04/2026
10	Vineet K V , Jyoshita N H, Samiksha R Singi, Adithya Shetty	Smart Multi-Sensor Fire Detection and Real-Time Alert System Using IoT	Patent / Utility	Filed	202644053777	23/05/2026

Student Achievements

First Prize in the “Tech Talk event conducted as part of SPARDA” by City Engineering College, Bangalore



Student Achievements

First Prize at the Yuktikalpa Tech Expo 2025, at Department of Electronics & Communication Engineering, **B. M. S. College of Engineering**, Bangalore.





Student Achievements

RC Plane Racing Dept. of Aerospace Engineering Madras Institute of Technology Campus, Anna University





Student Achievements



The Department of Electronics and Communication Engineering is proud to announce that our alumnus **Mr. Swarup Tadkal** has secured an impressive **All India Rank (AIR) 1169 in GATE 2025**.