



# Electronics and Communication Engineering Newsletter

Vol-1; No-1;  
Spring (Jan-Jun) 2023



National Institute of Technology Srinagar  
Srinagar, Jammu and Kashmir 190006



## About Us

The Department of Electronics and Communication Engineering was established in 1984 and offers B.Tech. Degree in Electronics and Communication Engineering, M.Tech. Degree in (1) Microelectronics (ME) and (2) Communication and Signal Processing (CSP). Department aims to produce quality professionals to compete globally and excel by carrying out basic and applied research in emerging areas by forging strong industry-institute interaction. The Department also offers the Doctoral programmes in the field of Biometrics, Communication, Microelectronics, Signal/Image Processing, Machine learning, Network security and VLSI Design. The Department is equipped with contemporary laboratory equipments required for the excellent growth of students. The Department has state of art laboratory including VLSI Lab, Optical fiber communication Lab, Image Processing Lab, Information and Network Security Lab, Biometric Lab and machine learning Lab. Prof. G.M. Rather is the Present Head of Department. The real strength of the department lies in its qualified, dedicated and motivated faculty.







## **MESSAGE FROM DIRECTOR**

Dear Readers & members of the Department of Electronics and Communication Engineering, It gives me immense pleasure to address you in this inaugural issue of the Department's newsletter. This newsletter serves as a valuable platform to showcase the department's achievements, ongoing research endeavours, and the vibrant academic environment that fosters innovation and excellence. I commend the ECE department for its efforts in bringing out this newsletter. It is a testament to the department's dedication to communication, collaboration, and transparency.

The Department of Electronics and Communication Engineering has consistently been at the forefront of technological advancements, making significant contributions to the field of electronics and communication. The publication of this newsletter is a significant milestone for the ECE department. It serves as a platform to share its research findings with the wider community and connect with its alumni and stakeholders. The newsletter will also provide insights into the department's plans and aspirations for the future leads to prospective collaborators.

Once again, I extend my sincere congratulations to the department on the launch of this newsletter. I wish the ECE department continued success in its pursuit of excellence in education, research, and innovation.

**Prof. Sudhakar Yedla**  
**Director NIT Srinagar**





## ***MESSAGE FROM HOD***

I welcome you to the Department of Electronics and Communication Engineering at National Institute of Technology, Srinagar. Electronics and Communication engineers are experiencing jubilant times as the discipline is now widely recognized as a vital source of tools and technology in all spheres of human endeavor.

The prime objective of the Department of Electronics and Communication Engineering is to develop a solid foundation in science and engineering among our students. Our infrastructure provides students the abilities to easily adapt to ever evolving world of technology. Our advanced laboratories expose students to the real realm and give them a chance to test the theories they learn in their classes.

**Prof. G.M. Rather**  
HOD ECE





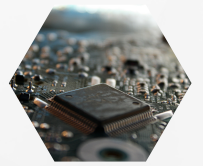
## VISION OF THE DEPARTMENT



- To contribute to nation and the world by developing a high quality human and technological resource through excellence in the field of Electronics and Communication Engineering and research.

## MISSION OF THE DEPARTMENT

- To generate new knowledge by engaging in cutting edge research.
- To impart quality teaching-learning-experience with state of the art curriculum.
- To increase the visibility of academic programs globally and attract talent at all levels.
- To undertake collaborative projects which offer opportunities for long term interaction with academia and industry.
- Sustained interaction with the alumni, students, parents, faculty and other stake holders to stay relevant in the globalized environment.
- To develop human potential to its fullest extent so that intellectually capable and imaginative gifted leaders can emerge in a range of professions



## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- To impart analytic and thinking skills to develop initiatives and innovative ideas for R&D, Industry and societal requirements.
- To understand the facets of advanced technologies, processes and materials necessary in the engineering field.
- To provide sound theoretical and practical knowledge of E&C Engineering, managerial and entrepreneurial skills to enable students to contribute to sustenance of society with a global outlook.
- To inculcate qualities of teamwork, good social, interpersonal and leadership skills and an ability to adapt to evolving professional environments in the domains of engineering and technology.
- To appreciate the significance of collaborations in designing, planning, and implementing solutions for practical problems and facilitate the networking with national research and academic organizations.





**Prof. Ajaz Hussain Mir  
(HAG)**

Area of interest: Image Processing, Security; Networks



**Prof. Ghulam Mohammad Rather  
(Professor and HOD)**

Area of interest: Communication, Networks



**Prof. Najeeb-Ud-Din  
(Professor)**

Area of interest: Device Modelling, VLSI, Microelectronics



**Er. Aijaz Ahmad Mir  
(Associate Professor)**

Area of interest: Image Processing, MIS



**Dr. Farida Khursheed  
(Associate Professor)**

Area of interest: Digital Image Processing, Image Security, Network and Cloud Security, Biometrics, Computer Vision, Medical Imaging, Deep Learning, Natural Language Processing.



**Dr. Gausia Qazi  
(Associate Professor)**

Area of interest: Optical Fibre Communication Systems, Opto-Electronic Devices, RF Communication Systems



**Er. Abdul Gaffar Mir  
(Associate Professor)**

Area of interest: Analog/ Digital Electronics, Computer and Network Security, Image Processing



**Dr. Gh. Rasool Begh  
(Associate Professor)**

Area of interest: Cognitive Radio, Cooperative Communications, Error Control Coding, Full Duplex communications, UAV



**Dr. Sheikh Aamir Ahsan  
(Assistant Professor)**

Area of interest: RF Characterization, Compact modeling for Industry standardization, GaN HEMTs, 2D-Material-FETs, CMOS, Machine Learning for Semiconductor Research



**Dr. Shahid Mehraj Shah  
(Assistant Professor)**

Area of interest: Information Theory, Wireless Communication, Machine Learning, Game Theory, Physical Layer Security, Cyber Physical Systems





**Dr. Omkar Singh**  
(Assistant Professor)

Area of interest: Digital Signal Processing, Biomedical Signal Processing, Wavelets and Filter Banks, Adaptive Filters



**Dr. Amandeep Singh**  
(Assistant Professor)

Area of interest: Nanoelectronics and VLSI Design: Semiconductor device modelling and circuit simulation using SPICE models, Novel Semiconductor Devices



**Dr. Burhan Khurshid**  
(Assistant Professor)

Area of interest: VLSI Signal Processing Architectures, Architectural Design of Digital Systems, FPGA based design



**Dr. Brajendra Singh Sengar**  
(Assistant Professor)

Area of interest: Simulation Study of Semiconductor Devices, Fabrication of Semiconductor Devices, Thin Film Solar Cells, Application of Machine learning in Semiconductor based devices



**Dr. Ashok Kumar**  
(Assistant Professor)

Area of interest: Analog VLSI Circuits: Voltage, Current and Mixed-Mode; MOS and Bipolar Analog Circuit Design; Microelectronics Devices



**Dr. Amit Kumar**  
(Assistant Professor)

Area of interest: Mutual Coupling Reduction, MIMO Antennas, UWB-MIMO Antennas, CP Antennas, mm-wave Antennas, Metamaterials, Antipodal Vivaldi Antenna, Rectenna, Massive MIMO



**Mrs. Uferah Maqbool**  
(Teacher Trainee)

Area of interest: Analog Electronics, RFIC design



**Dr. Shoab Amin Bandy**  
(Teaching Faculty)

Area of interest: Medical Image Analysis, Machine Learning for Healthcare Assistive Systems, Image Security



# Papers, Book & Chapters published

Authors	Title of the papers	Conference/Journal	Date of Publishing
Sarabdeep Singh, Leo Raj Solay, Sunny Anand, Naveen Kumar, Ravi Ranjan, Amandeep Singh	Implementation of Gate-All-Around Gate-Engineered Charge Plasma Nanowire FET-Based Common Source Amplifier	Micromachines	30 June 2023
Shaika Mukhtar, Umer Ashraf, Gh Rasool Begh	Role of Intelligent Reflecting Surfaces in the Emerging 6G Technologies	6G Wireless CRC Press	29 June 2023
Humairah Hamid, Aaqib Reshi, Gh Rasool Begh	THz-Empowered UAV Communications	6G Wireless CRC Press	29 June 2023
Asif Ali, Syed Mujtiba Hussain, Gh Rasool Begh	6G and IOT Use Cases	6G Wireless CRC Press	29 June 2023
Km. Neeraj, Brajendra Singh Sengar, Saurabh Mishra	Numerical Simulation of High Efficiency Perovskite Solar Cell for Indoor Application	Conference: International Conference on Nanotechnology for Sustainable Living and Environment	27 June 2023
Deepak Singh, Brajendra Singh Sengar, Praveen Dwivedi, Vivek Garg	Comparative analysis of gate structure dependent FET-based biosensor	Journal: Materials Today Communications	June 2023
Zahid Khaki, Gausia Qazi	improved signal fidelity at higher snr using probabilistic constellation shaping with enhanced Guassian noise model	Optical and Quantum Electronics	8 June 2023
Suhail Naik, Gausia Qazi	2P01; 41 mode specific 1480 nm pump powered 6M-optimum erbium doped profile (OEDP) based hybrid system for achieving low differential modal gain and low modal BER.	Optical and Quantum Electronics	14 May 2023
Mohsin Suharwadi, Gausia Qazi	Dark current in pinned photodiode CMOS image sensors: a pre-fabrication physics-based model.	Optical and Quantum Electronics	11 May 2023
Gh Rasool Begh, Injila	In band full duplex (IBFD) technology for next generation wireless networks: A survey in cellular networks	China Communications (IEEE)	5 May 2023
Shifa Showkat, Zahid Dar, Shahid Mehraj Shah	Achievable Sum-rate of variants of QAM over Gaussian Multiple Access Channel with and without security	International Conference on Signal Processing and Computer Vision (SPCV-2023), NIT Silchar, India	31 March 2023
Faheem Hussayn, Shahid Mehraj Shah	Parametric entropy based Cluster Centriod Initialization for k-means clustering of various Image datasets	International Conference on Signal Processing and Computer Vision (SPCV-2023), NIT Silchar, India	31 March 2023
M Abdul Jawad, Farida Khursheed	Histo-fusion: a novel domain specific learning to identify invasive ductal carcinoma (IDC) from histopathological images	Multimedia Tools and Applications (Springer).	29 March 2023
Brajendra Singh Sengar, Amitesh Kumar	Mixer Design	Book Chapter: Willey Publication	March 2023

Authors	Title of the papers	Conference/Journal	Date of Publishing
Aejaz Farooq, Farida Khursheed	Computationally Efficient Holistic Approach for Handwritten Urdu Recognition using LRCN Model.	International Journal of Intelligent Systems and Applications in Engineering.	28 February 2023
G.M. Rather , Bisma Bukhari	Multiband Compact MIMO Antenna for Sub-6 GHz Applications	2022 IEEE Microwaves, Antennas and Propagation Conference	24 February 2023
Divyanshi Daksh, Saurabh Mishra, Brajendra Singh Sengar	Simulation of antimony chalcogenide thin film solar cell with high-efficiency	Conference: International Conference on Nanotechnology for Sustainable Living and Environment (ICON NSLE)	February 2023
P. K. Jaiswal, R. Bhattacharya, Amit kumar	A UWB Antipodal Vivaldi antenna with high gain using metasurface and notches	AEU - International Journal of Electronics and Communications Impact factor: 3.2 (Q1).	February 2023
Taban Qayoom, Najeeb-ud- din	Effective Index Approximation based Analytical Modeling and Two Dimensional Numerical Investigation of Surface and Bulk Sensitivity in optimized hybrid nanostructured plasmonic gratings with miniaturized footprints	Springer Journal of Optical and Quantum Electronics, Vol.55, (302), 2023	5 February 2023
Ajay Kumar Kushwaha, Ashish Mishra, Ashutosh Singh, Ashok Kumar	Voltage mode and current mode universal filter using IC LT1228	Proceedings of Second International Conference on Computational Electronics for Wireless Communications. Lecture Notes in Networks and Systems, vol. 554. Springer, Singapore	January 2023
Suhail Khursheed, Gausia Qazi	Modified differential overlap factor and modal gain equalization criteria-based comparative analysis of 4M-EDFA 980; 1480 nm towards identification of a unique erbium doping profile for the 4M-EDFA1480 nm system.	Journal of Computational Electronics	18 January 2023
Romana Yousuf, Gausia Qazi	Numerical modelling and impact analysis of traps incurred performance deterioration of perovskite solar cells using nqe curves, SRH and solar cell model." Optical and Quantum Electronics	Optical and Quantum Electronics	7 January 2023
Umer Ashraf, G.R. Begh	Effect of Impulsive Noise on IRS-Aided Communication Systems	IEEE Transactions on Vehicular Technology	1 January 2023

## Sponsored Projects

Title of the Project	Investigator	Sponsoring Agency	Amount (in INR)
Investigation of Non-ideality Factors for a P3HT: PCBM Based Bulk Hetero-junction Organic Solar Cell in Presence of Gold Nanoparticles	Prof. Najeeb ud din	DST SERB	Rs. 51,14,000
Recognition of Identical Twins using fusion of Multi-Biometric Traits.	Dr. Farida Khursheed	JKSTIC	Rs. 7,10,000
Design of an Optical transmitter using optimized DFB Laser and EDFA.	Dr. Gausia Qazi	SERB	Rs. 43,28,137
Design and Development of Low Memory Discrete Wavelet Transforms for low cost IoMT Devices	Dr. Burhan Khurshid	JKSTC	Rs. 4,99,000

## Details of Patents Applied for/ Received by the department

Title of the Patent	Inventor(s)	Status	Details
Self timed Comparator Based Power Efficient High Speed Analog To Digital Converter	Dr. Liyaqat Nazir, Prof. Roohie Naz Mir Prof. Najeeb-ud-din	Granted	400945 /201611009467
Cupboard for Cloth Drying with Disinfectant & Wrinkle Reduction.	Syed Kashif Jeelani Alvi, Dr. Farida Khursheed, Gazala Manzoor, Aasif Bashir Bhat.	Under Examination	202311023615;TEM P/E-1/27 057/2023-DEL
Optimized physical parameter set for a 1550 nm DFB laser source with enhanced modulation characteristics reduced source line-width and chirping, and suppressed harmonic and intermodulation distortion for CATV frequency band of operation	Dr. Gousia Qazi, Prof. Najeeb-ud-din	Under Examination	Application No.: 201811015231

## List of Equipments/ Softwares purchased by the Department under various projects/Schemes/Departmental Purchases

Name of the Equipment/ Software	Date of Purchase	Type	Consumable/ Non-Consumable	Quantity
Synopsys EDA Tools	29 March 2023	Software	Non-Consumable	01
Dell Work Station with Intel Xeon Silver Processor	28 March 2023	Hardware	Non-Consumable	01
Software Origin Lab	27 March 2023	Software	Non-Consumable	01
Upgrade of Existing Opti System Software	27 March 2023	Software	Non-Consumable	01
EDA Tools for IC Design	17 March 2023	Software	Non-Consumable	01



## Conferences, Courses, Trainings, FDP, Special Talks Conducted/arranged

Jan 2023 - Jun 2023

Name of the Co-Ordinator	Name of the program Conducted	Sponsoring Agency	Dates when conducted
Dr Omkar Singh	Delivered Expert Talk during Short Term Course on "Recent Trends in Bio Medical Signal Processing" at Dr B R Ambedkar National Institute of Technology Jalandhar	NIT Jalandhar	12-16 June 2023
Dr. Gh Rasool Begh	4 Weeks Internship Program on Performance Comparison Of Communication Systems using OCTAVE	Department of ECE, NIT Srinagar	9 Jan - 6 Feb 2023

## Awards won

Name of faculty	Awards won
Dr. Shahid Mehraj Shah	Invited as visiting researcher for technical discussions, collaboration, and interaction in the 5G Testbed Laboratory, Department of Electrical and Communication Engineering, Indian Institute of Science, Bangalore, between December 2022 Till 17 Feb 2023.

## Details of Doctoral Programs

Name of Scholar	Name of Supervisor & Co- Supervisor (if any)	Topic/Area of Research	Status
Suhail Ahmad	Prof. A.H Mir	Software Defined Network	Awarded
Bisma Bukhari	Prof. G M Rather	Compact Micro-strip Antennas for modern wireless Applications	Awarded
Misba Manzoor	Prof. Najeeb Ud Din	Proactive strategies for Deadlock Freedom in 2D Mesh NOCs	Awarded
Mr. Aaqib Bulla	Dr. Shahid Mehraj Shah	Energy Efficient Communication for 5G/6G Systems	Awarded

- **6 PhD Thesis are under Submission in the Department.**
- **A Total of 31 Doctoral Programs are ongoing in the Department.**

## M.Tech. (CIT)- 2021

Name	Enrollment No.
ANZAR HUSSAIN LONE	2021MECECI002
SABA BILAL	2021MECECI003
WASIQ MEHRAJ	2021MECECI004
ABDUL BASIT MIR	2021MECECI005
BASHARAT RASHID	2021MECECI006
MOHAMMAD TUFAIL SHEIKH	2021MECECI007
KHANDAY SALMAAN YOUSUF	2021MECECI008
ABID HASSAN NAJAR	2021MECECI009
GAZALA GUL	2021MECECI010
FAIZAN HASSAN	2021MECECI011
SARIBA TARIQ	2021MECECI012
IQRA MUSHTAQ	2021MECECI013

## M.Tech. (ME)- 2021

Name	Enrollment No.
UMAN MANZOOR	2021MECEME001
LUBNA ATHER	2021MECEME002
BASIT SHAFAT	2021MECEME003
INAYAT HUSSAIN WANI	2021MECEME004
SADAF BASHIR	2021MECEME006
MOHAMMAD MUDAKIR	2021MECEME007

## B.Tech. 2019 Batch

Name	Enrollment No.
BHAT BURHAN BIN I AFTAB	2019BECE001
DANISHWAR SINGH	2019BECE002
NAJAMUS SAQIB	2019BECE003
RANVIJAY SINGH	2019BECE005
SHEIKH MOHAMMAD SAYIR	2019BECE006
JUNAID NADEEM	2019BECE007
MUKESH KUMAR	2019BECE008
RAHUL KUMAR	2019BECE009
PEERZADA DANISH KHURSHEED	2019BECE011
FURQAN NASIR	2019BECE012
MD NAUSHAD	2019BECE013
EHSAN UL HAQQ KHAWJA	2019BECE014
FAISAL SHAFI WANI	2019BECE015
ARIF NAZIR	2019BECE016
ABHISHEK DIGRA	2019BECE017
SONAMDEEP KOUR	2019BECE018
AMIT SANGRAL	2019BECE019
SAATVIK SHARMA	2019BECE020
PRACHI MAHAJAN	2019BECE021
FIRDOUS NABI GANIE	2019BECE022
ABHISHEK KUSHWAH	2019BECE023
ANSHUMAN MAKHNOTRA	2019BECE024
ADIL RASHID CHOUDHARY	2019BECE025
ANISH GUPTA	2019BECE026
BABITA KUMARI MEENA	2019BECE027
KODURI LAKSHMI NARASIMHA MADHAVA	2019BECE028
GUTTINA VENKATA SRI SAI NARASIMHA SASTRY	2019BECE029
MOHIT KAITH	2019BECE030
ANKUSH KUMAR	2019BECE031

Name	Enrollment No.
ASRAR MUSHTAQ CHANGAL	2019BECE032
ALOK YADAV	2019BECE033
ASHI KARLUPIA	2019BECE035
MADDIPATLA DEVI SRILATHA	2019BECE036
GULLA LIKHITHA PADMA SAI LAKSHMI	2019BECE037
RAJ KUMAR RAJ	2019BECE038
AZHAR ARFAT BADANA	2019BECE039
SHIVANGI RAI	2019BECE040
AMUJURI ADITYA PRAMOD	2019BECE041
AMURU JOHNSON KARUNA	2019BECE042
SYED MOHAMMED SAMEER	2019BECE043
NISHA CHOUDHARY	2019BECE044
SAHIL ASHRAF	2019BECE045
ABHINAV MAGGIDI	2019BECE046
KUCHIPUDI NITHEESH KUMAR	2019BECE047
ZOYA AFTAB KHAN	2019BECE048
SHANT RATHOD	2019BECE049
RAJA BANSHI	2019BECE050
DANISH RASHID	2019BECE051
YELLA PAVAN SIVA KALYAN	2019BECE052
VISHAL MEENA	2019BECE053
SARWAR HUSSAIN MALIK	2019BECE054
GUDDATI RAMA SUNIL	2019BECE055
KOMARAPU JESSE PRABHAKAR	2019BECE056
SAGAR RAVI	2019BECE057
JAAI I SHAH TARIQ LALA	2019BECE058
PRIYANSHU RANJAN	2019BECE059
UBAID BIN GULZAR	2019BECE060
USAYD SHAHUL	2019BECE061
HARPREET SINGH WAZIR	2019BECE062
GOTTIMUKKALA RAVINDRANADH VARMA	2019BECE063
YOGESH KESIREDDY	2019BECE064
TADI VENKATA SAI ANISH KUMAR REDDY	2019BECE065
SNEHAL SHYAMSUKHA	2019BECE067
SUMIT SINGH	2019BECE068
RAHEEN JUNAID WANI	2019BECE069
VISHWDEEP SINGHARIA	2019BECE070
SUHAIB GUL	2019BECE071
NAVEED BIN NAZIR	2019BECE072
ARUBA ASHRAF	2019BECE073
ADITYA SHARMA	2019BECE074
GADDAM DINESH CHANDRA	2019BECE075
MADDIPUDI LOSHITHA	2019BECE076
HARIS RASHID	2019BECE077
SHIWANI KUMARI	2019BECE078
KARMANYA VEER SHARMA	2019BECE079
SACHCHIDANAND KUMAR	2019BECE080
VEDANTI DUBEY	2019BECE081
VICKEY AGARWAL	2019BECE082
SWARNA SUBHASH	2019BECE083
RAVI SWEEYA KAMAL	2019BECE084
RANU URAIYA	2019BECE085
SANTOSH KUMAR	2019BECE086
AKASH KHOKER	2019BECE087
SOMANADAPALLI ABHISHEK	2019BECE088
GUGGILAPU VENKATA SIVA BHARGAV	2019BECE089
POOSALA SAI SESA NAGA SRINIVAS	2019BECE090
UJJWAL SINGHAL	2019BECE091
TUSHAR VATSAL	2019BECE092
RINKESH MEENA	2019BECE094
FAIZAN ALI MIR	2019BECE095
AMAN KUMAR	2019BECE096
RISHABH KUMAR GAUD	2019BECE097

# Future plans

As we reflect on our journey through the Spring semester 2023, we are pleased to share our plans envisioned for the future.

Being committed to academic excellence, as part of the course curriculum revision, we hope to introduce new courses that equip our students with industry-relevant skills, in advanced semiconductor technologies, circuits and communication systems. To supplement the hands-on experience, we plan to conduct some industry relevant short-term courses in different departmental specializations for undergrad and grad level students and research enthusiasts. The department also plans to establish student and professional society chapters to facilitate seminars and distinguished lectures, especially in the IEEE Electron Devices Society, Circuits and Systems Society, Microwave Theory and Techniques Society and the Optical Society of America, aimed at giving our students with a global perspective.

The department is actively engaged in research themes in semiconductor devices, circuits, signal processing and communication engineering, with several sponsored research projects being taken spanning these areas by our faculty members. Along these lines, we aim to increase research collaborations with national and international academic and industrial groups to ensure a qualitative and quantitative increase in our scientific production. We also stand committed to sustainability and green technologies, as such we have our long-term goals to establish interdisciplinary centres of excellence that address global energy and climate related problems. To give our institute community a flavour for our research, we hope to conduct a research day where our faculty and research scholars shall showcase their research.

With the inception of new labs—such as the Machine Learning Lab, Advanced Communication Lab, and Communication Control & Learning Lab—our department is delving into cutting-edge research areas like Artificial Intelligence, Machine Learning, 5G & Beyond, and Cyber-Physical Systems. Future plans involve establishing a next-gen communication system testbed for developing and testing emerging technologies. Collaborations with institutions like IIT Hyderabad, IISER Bhopal, IISc Bangalore, and the University of Avignon in France are expanding our research horizons. Students across all academic levels (BTech, MTech, and PhD) actively contribute to these collaborations, enriching our commitment to innovation and global knowledge exchange. The curriculum of UG and PG programs is constantly being updated to impart the necessary skills, enabling students to work in these cutting-edge areas.

To facilitate a seamless learning experience, we are investing in state-of-the-art infrastructure. New software license bundles are planned for procurement that are designed to provide students with a platform to bring theoretical learning into practice. In line with our commitment to align academic learning with industry needs, we are establishing strategic partnerships with companies such as AMCAD engineering, TagoreTech, Ansys to name a few, and hope to have more such industrial engagements in future. These collaborations will open up avenues for internships, workshops, and real-world projects, enhancing our students' readiness for the professional world.

As we look ahead, we envision an ECE Department that not only excels in academic and research pursuits but also nurtures individuals who are ready to face the challenges of a dynamic and evolving technological landscape.

**Dr. Sheikh Aamir Ahsan**  
Assistant Professor

**Dr. Shahid Mehraj Shah**  
Assistant Professor







Darshana from ECE-21 Secures 2nd Position in CC Run 2023



Felicitation to Honorable Past Director by ECE students



Dr. Gh. Rasool Begh honored Dr. Chandra R. Murthy.



Salman from ECE-21 as a student organizer PEP-21



Prof. Ghanshyam Singh delivers expert talk



Pinak Pani Dixit (ECE 2020 batch) and MD SAIF (ECE 2021 Batch) displayed their Robotic Arm project in a technical exhibition organised by Bureau of Indian Standards J&K.



Runner up prize in Inter Department Football tournament by ECE team

## Major Activities



## Editorial Board

**Editor-in-Chief:**

Dr. Gausia Qazi

**Co-Editors:**

Mr. Pinak Pani Dixit, Mr. Mohammad Saif

**Correspondents:**

Mr. Shiva Dwivedi, Mr. Teja Kodyala

**Editorial Manager:**

Er. Mohammad Sibgat ullah

