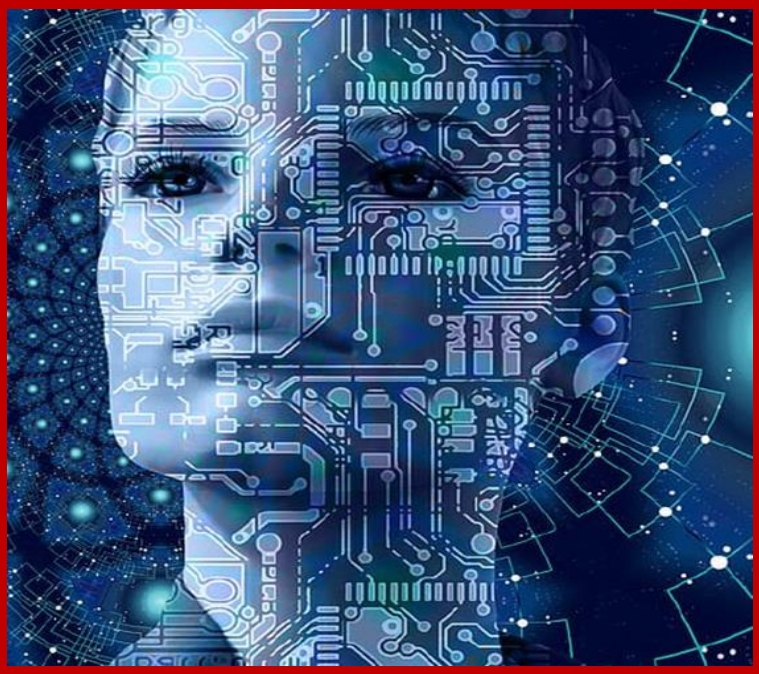
GALGOTIAS COLLEGE
OF ENGINEERING & TECHNOLOGY

EC-NEWSLETTER 2020-21 **Vol-07 / June 2022**

"EC-Newsletter" is the yearly newsletter of the Department of ECE, Galgotias College of Engineering and Technology, Greater Noida highlighting the accomplishments of our students, faculty and staff. It mainly focuses on the major events organized, student and faculties research publications, achievements, campus placement, industrial interactions, industrial visits, higher studies details etc.



Department of Electronics & Communication Engineering

Chief Editor : Dr. Lakshmanan M **Faculty Editor : Shivam Gupta**

Student Editor : Ashish Kumar Singh

MESSAGE FROM HEAD OF THE DEPARTMENT

Welcome to the Department of Electronics and Communication Engineering (ECE), where innovation meets excellence!

In a world increasingly driven by technology, our department stands at the cutting edge of education, research, and industry collaboration. We are dedicated to cultivating a transformative learning experience that seamlessly integrates theory with practical application, preparing our students to lead in the dynamic and ever-evolving field of Electronics and Communication Engineering.

Our department is home to world-class laboratories and state-of-the-art research facilities, empowering our students and faculty to engage in groundbreaking research and innovative projects. Our faculty members are more than educators; they are pioneers and thought leaders, advancing the frontiers of knowledge in critical areas such as Wireless Communication, Microwave Engineering, VLSI Design, Embedded Systems, and Signal Processing.

We are deeply committed to bridging the gap between academia and industry. Through strong partnerships with leading companies and research organizations, we ensure our curriculum remains at the forefront of technological trends, providing our students with invaluable hands-on experience and exposure to real-world challenges. Our alumni, spread across the globe, are making impactful contributions to industry, academia, and research, embodying the spirit of excellence that defines our department.

As we look to the future, our mission remains unwavering: to inspire and develop the next generation of engineers, drive innovative research, and contribute to the technological advancement of society. I invite you to explore our department, engage with our community, and join us on this journey of discovery and achievement.

Thank you for your interest in the Department of Electronics and Communication Engineering. We look forward to welcoming you to our vibrant and forward-thinking community.

Best Wishes,

Dr. Lakshmanan M

About ECE Department

The Department of ECE offers B.Tech courses in Electronics and Communication Engineering from Dr. A.P.J. Abdul Kalam Technical University, (formerly Uttar Pradesh Technical University/Gautam Buddh Technical University) Lucknow. Electronics & Communication Engineering deals with the electronic devices, circuits, communication equipments like transmitter, receiver, integrated circuits (IC). Microprocessors, satellite communication, microwave engineering, antenna and wave propagation. The department aims to impart high quality education in ECE and conduct top notch research in ECE related fields.

The department provides state-of-art infrastructure and computing facilities to students and faculty. The faculty members are actively involved in different domains of research with special focus in five thrust areas:

1. Wireless Communication and Networks
2. Microwave and Antennas,
3. VLSI Design
4. Communication Systems
5. Signal and Image Processing.

The department has a regular hardware and software labs as well as the state-of-art research labs in microwave and antennas, where faculty and students are working on funding projects and offering consultancy services. Some of the available softwares in ECE department are Riverbed Academic edition, OrCAD PSPICE, eSim, SCILAB, OR-Tools, Expeyes, etc. The Department follows a well proven pedagogy of sharing knowledge with the young and vibrant minds of the college. As we are affiliated to AKTU University, Lucknow, the curriculum and subjects are prescribed by AKTU University. In addition to instruction in core ECE subjects, we also teach elective subjects in advanced topics such as Voice over Internet Protocol, Filter Design, Digital Image Processing, Digital System Design using VHDL, Speech Processing, Advance Digital Design using Verilog, Microcontroller for Embedded Systems, etc. The department imparts world class training and research besides promoting active industry-institute collaboration by identifying current trends and taking part in sponsored research projects and consultancy services. The department also has a worldwide reach with its vibrant alumni network. Working shoulder with shoulder with the institution, it is constantly aiming towards reaching greater heights to serve the needs of the society and meet the aspirations of the student community.

INSTITUTE VISION & MISSION

Vision

To be a leading educational institution recognized for excellence in engineering education and research producing globally competent and socially responsible technocrats.

Mission

IM1: To provide state of the art infrastructural facilities that support achieving academic excellence.

IM2: To provide a work environment that is conducive for professional growth of faculty and staff.

IM3: To collaborate with industry for achieving excellence in research, consultancy and entrepreneurship development.

DEPARTMENT VISION & MISSION

Vision

To be recognized as a center of excellence in Electronics and Communication Engineering for the quality and global education, interdisciplinary research and innovation, to produce committed graduates who can apply knowledge and skills for the benefit of society.

Mission

DM1: To provide quality education by providing state of the art facility and solutions for global challenges.

DM2: To provide a framework for promoting the industry-institution collaboration and empower the students in interdisciplinary research.

DM3: To transform students into socially responsible, ethical and technically proficient engineers with innovative skills and usage of modern tools.

DM4: To make the students corporate ready with spirit and necessary interpersonal skills.

PROGRAM OUTCOMES

PO1 **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2 **Problem analysis**: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 **Design/development of solutions**: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4 **Conduct investigations of complex problems**: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5 **Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6 **The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7 **Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 **Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 **Individual and team work**: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 **Communication**: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11 **Project management and finance**: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12 **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent And life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES

By the completion of Electronics & Communication Engineering program the student will be able to:

PSO1: Design and develop models for analog & digital electronic circuits and systems.

PSO2: Design, develop and test electronic and communication systems for applications with real Time constraints.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1	Graduates will excel in their career by acquiring knowledge in the field of Electronics and Communication Engineering with the usage of modern tools and emerging technologies.
PEO 2	Graduates will have the capability to analyze real life problems of the society and produce innovative solutions.
PEO 3	Graduates exhibit professionalism, ethical attitude, communication skills and team work in core engineering, academia and research organizations through professional development and lifelong learning.

List of Faculty in The Department:

S. No	Name	Qualification	Area of Specialization	Designation
1	Dr. Lakshmanan. M	Ph. D	Wireless Communication and Networks	Professor & HOD
2	Dr. R.L. Yadava	Ph. D	Communication	Professor
3	Dr. Jaspreet Kour	Ph. D	Image Processing	Professor
4	Dr. S. Pratap Singh	Ph. D	Wireless Communication	Professor
5	Dr. Shahid Eqbal	Ph. D	Digital Electronics and Systems	Associate Professor
6	Dr. Madan Kumar Sharma	Ph. D	Microwave and Antennas	Associate Professor
7	Dr. Gaurav Saxena	Ph. D	RF and Microwave	Associate Professor
8	Dr. Monika Bhatnagar	Ph. D	Antenna and Communication Engineering	Associate Professor
9	Mr. Atul Kumar	M. Tech	Electronics and Communication	Associate Professor
10	Mr. Amanpreet Singh Saini	M. S	Wireless Communication	Assistant Professor
11	Mr. Saurabh Katiyar	M. Tech	Micro Electronics and Embedded Technology	Assistant Professor
12	Mr. P.C. Joshi	M. Tech	VLSI Design	Assistant Professor
13	Mr. Deependra Sinha	M. Tech	Electronics and Communication	Assistant Professor
14	Mr. Rajiv Kumar Yadav	M.E	Electronics Instrumentation and Control	Assistant Professor
15	Mr. Kuldeep Singh	M. Tech	Electronics and Communication	Assistant Professor
16	Mr. Gavendra Singh	M. Tech	Control and Instrumentation	Assistant Professor
17	Mr. Amit Gupta	M. Tech	VLSI Design	Assistant Professor

18	Ms. Ranjana Kumari	M. Tech	Electronics and Communication	Assistant Professor
19	Ms. Ruchi Agrawal	M. Tech	Communication Engineering	Assistant Professor
20	Mr. Ankit Sharma	M. Tech	Signal Processing	Assistant Professor
21	Mr. Shivam Gupta	M.Tech	Process Control	Assistant Professor
22	Mr. Gaurav Mehra	M. Tech	VLSI Design	Assistant Professor
23	Mr. Vinay Singh	M. Tech	Digital Systems	Assistant Professor
24	Mr. Bishnu Deo Kumar	M. Tech	Mechatronics	Assistant Professor
25	Mr. Mohd. Shibly	M. Tech	Nano Technology	Assistant Professor
26	Mr. Piyush Jain	M.E	Electronics	Assistant Professor
27	Mr. Hitesh Kumar	M. Tech	Instrumentation and Control	Assistant Professor
28	Ms. Shristi Priya	M.E	Wireless Communication	Assistant Professor
29	Ms. Ruchi Tripathi	M. Tech	Communication Engineering	Assistant Professor
30	Mr. Upendra kumar Acharya	M. Tech	Electronics and Communication	Assistant Professor
31	Ms. Rekha Rani	M.E	Electronics and Communication	Assistant Professor
32	Mr. Ausaf Hasan Tarique	M. Tech	Electronics and Communication	Assistant Professor
33	Mr. A. S. Mohammed Shariff	M.E	VLSI Design	Assistant Professor
34	Ms. S. Vaishnavi	M.E	Communication and Networking	Assistant Professor
35	Mr. R. Satheesh Kumar	M.E	Electronics and Control Engineering	Assistant Professor

Faculty Publications:

Faculty Publications in Journals

S. No.	Name of Author	Title of Paper	Type	Category	Name of Journal	Publication Month/ Year
1	Lakshmanan. M, et al.	Dynamic Sectorization and parallel processing for device-to-device (D2D) resource allocation in 5G and B5G cellular network	Journal	International	Peer-to-Peer Networking and Applications, Special Issue on P2P Computing for Beyond 5G Network and Internet-of-Everything	Sep-20
2	S. Pratap Singh, et al.	Performance evaluation of Wireless Nanosensor Networks under interference	Journal	International	Nano Communication Networks, Vol. 25, 100311	Sep-20
3	Lakshmanan. M, et al.	Performance Analysis of DGS Based Rectangular Patch Antenna for Tri-band Applications	Journal	International	Telecommunications and Radio Engineering, Vol. 79, No. 11, pp. 963-972	Aug-20
4	S. Pratap Singh, Piyush Jain, Lakshmanan. M, et al.	Improved BER of Nano Communication over WG Fading under GGD Noise	Journal	International	Telecommunications and Radio Engineering, Vol. 79, No. 14, pp. 1217 – 1230	Sep-20
5	Lakshmanan. M, et al.	Energy Efficient Hamming Coded Cooperative Communication	Journal	International	Telecommunications and Radio Engineering, Vol. 79, No. 17, pp. 1521 – 1528	Oct-20
6	Ankit Sharma, et al.	In-band RCS Reduction and Isolation Enhancement of a 24 GHz Radar Antenna using Metamaterial Absorber for Sensing and Automotive Radar Applications	Journal	International	IEEE Sensors Journal, Vol. 20, No. 21, 9119476, pp. 13086-13093.	Nov-20
7	Gaurav Saxena, et al.	High Isolation and High Gain Super-Wideband (0.33-10 THz) MIMO Antenna for THz Applications	Journal	International	Optik, Vol. 223, 165335	Dec-20
8	Upendra Kumar Acharya, et al.	Particle swarm optimized texture based histogram equalization (PSOTHE) for MRI brain image enhancement	Journal	International	Optik, Vol. 224, 165760	Dec-20
9	Madan Kumar Sharma, et al.	Deep ConvLSTM with self-attention for human activity decoding using wearable sensors	Journal	International	IEEE Sensors Journal, Vol. 21, No. 6, 9296308, pp. 8575-8582	Mar-21
10	Gaurav Saxena, et al.	Design of metasurface absorber for low RCS and high isolation MIMO antenna for radio location & navigation	Journal	International	AEU - International Journal of Electronics and Communications, Vol. 133, 153680	May-21
11	Gaurav Saxena, et al.	Design and analysis of a planar UWB bandpass filter with stopband characteristics using MMR technique	Journal	International	International Journal of Microwave and Wireless Technologies,	Jan-21
12	Upendra Kumar Acharya, et al.	Genetic algorithm based adaptive histogram equalization (GAAHE) technique for medical image enhancement	Journal	International	Optik, Vol. 230, 166273	Mar-21
13	Ramlal Yadava, et al.	Approximation and analysis of single band fir pass integrator centered around mid-band frequencies with degree k = 1, 2, 3	Journal	International	Periodicapolytechnica Electrical engineering and computer science, Vol. 64, Bo. 4, pp. 366–373	Oct-20
14	Saurabh Katiyar, et al.	Smart DRA for beam width and orientation control	Journal	International	Frequenz, Vol. 74, No. 11-12, pp. 383-392	Nov-20
15	Saurabh Katiyar, et al.	Optical spherical dielectric resonator antenna for sensing and wireless communication	Journal	International	Frequenz, Vol. 75, No. 1-2, pp. 49-59	Jan-21

16	Kuldeep Singh, et al.	Z-domain mathematical modeling and performance analysis of ripple ring resonator (RRR) with design of all-optical arithmetic logic unit (ALU)	Journal	International	Optik, Vol. 232, 166532	Apr-21
17	S. Pratap Singh, et al.	Closed Form Expressions for Average Capacity and Symbol Error Rates Under Different Diversity Techniques Over EGK Fading Under Interference	Journal	International	Wireless Personal Communications, Vol. 113, No. 4, pp. 2477 - 2498	Aug-20
18	Upendra Kumar Acharya, et al.	Vehicle detection System using Modified Blob Detection Technique	Journal	International	Journal of Current Research in Engineering and Science, Vol. 4, No. 1, P. 4	Jan-21
19	Ankit Sharma, et al.	Design of Compact Wideband Circularly Polarised Hexagon Shaped Antenna using Characteristics Mode Analysis	Journal	International	IEEE Transactions on Instrumentation and Measurement, Vol, 70, 9462046	Jun-21

Faculty Publications in Conferences

S. No.	Name of Author	Title of Paper	Type	Category	Name of Conference	Publication Date/Year
1	Ramlal Yadava, et al.	A modified Miniaturized UWB Bi-Planar Yagi-Like MIMO Antenna System	Conference	International	11th International Conference on "Computing, Communication and Networking Technologies", (ICCCNT - 2020)	01 - 03, July 2020
2	Ankit Sharma, et al.	Design and Analysis of AMC based Metasurface Loaded Slot Antenna for Low Radar Cross Section	Conference	International	11th International Conference on "Computing, Communication and Networking Technologies", (ICCCNT - 2020)	01 - 03, July 2020
3	Jaspreet Kour, et al.	Automatic Cataract Detection Using Haar-Cascade Classifier	Conference	International	International Conference on "Data Intelligence and Cognitive Informatics" (ICDICI-2020)	08 - 09, July 2020
4	Praveen Kumar, et al.	Intelligent car system to protect damage to car using sensors, actuators and ABS	Conference	International	First International Conference on "Advances in Physical Sciences and Materials", (ICAPSM - 2020)	13 - 14, Aug, 2020
5	Rekha Rani, et al.	Statistical Analysis of SNR and Optical Power Distribution In An Indoor VLC System	Conference	International	First International Conference on "Advances in Physical Sciences and Materials", (ICAPSM - 2020), Journal of Physics: Conference Series, 1706(1), art. no. 012067	13 - 14, Aug, 2020
6	Upendra Kumar Acharya, et al.	Single image haze removal using variable fog-weight	Conference	International	First International Conference on "Advances in Physical Sciences and Materials", (ICAPSM - 2020), Journal of Physics: Conference Series, 1706(1), art. no. 012091	13 - 14, Aug, 2020
7	Vinay Singh, et al.	Performance analysis of AGSM adaptive unipolar MIMO-OFDM for visible light communication	Conference	International	First International Conference on "Advances in Physical Sciences and Materials", (ICAPSM - 2020), Journal of Physics: Conference Series, 1706(1), art. no. 012080	13 - 14, Aug, 2020
8	Piyush Jain, Lakshmanan. M, et al.	Bit Error Rate Analysis of K-PSK Modulation with OFDM RoFSO System over Double Generalized	Conference	International	2nd International Conference on "Advances in Computing, Communication Control and Networking", (ICAC3N-20)	18-19, Dec 2020

		Gamma Turbulence Channel				
9	Deependra Sinha, et al.	Heart Rate Monitoring System	Conference	International	2nd International Conference on "Advances in Computing, Communication Control and Networking", (ICAC3N-20)	18-19, Dec 2020
10	Deependra Sinha, et al.	Non-Invasive Alcohol Detection for Drunk Driving Prevention	Conference	International	2nd International Conference on "Advances in Computing, Communication Control and Networking", (ICAC3N-20)	18-19, Dec 2020
11	Hitesh Garg, et al.	Vehicle Accident Detection using IoT & Live Tracking using Geo-Coordinates	Conference	International	First International Conference on "Advances in Physical Sciences and Materials", (ICAPSM - 2020), Journal of Physics: Conference Series, 1706(1), art. no. 012152	13 - 14, Aug, 2020
12	S. Pratap Singh, Lakshmanan. M, et al.	Gain and Delay Simulation for Molecular Communication Using Verilog	Conference	International	2nd International Conference on "Advances in Computing, Communication Control and Networking", (ICAC3N-20)	18-19, Dec 2020
13	S. Pratap Singh, Lakshmanan. M, et al.	Verilog Implementation of Diffusion Concentration in Molecular Communication	Conference	International	2nd International Conference on "Advances in Computing, Communication Control and Networking", (ICAC3N-20)	18-19, Dec 2020
14	Mohammed Shariff A.S, S. Pratap Singh, Lakshmanan. M, et al.	Multirate Approach for DNA Analysis in Genomics	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404663, pp. 799-802	04 - 05, Mar 2021
15	Piyush Jain, Lakshmanan. M, et al.	BER Analysis of PolSK Modulation for FSO Communication System with Generalized Pointing Error over Double GG Turbulence Channel	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404594, pp. 1-5	04 - 05, Mar 2021
16	Piyush Jain, Lakshmanan. M, et al.	Performance of Hybrid LPPM-POLSK-SIM in FSO over Double GG Fading Distribution	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404658, pp. 832-835	04 - 05, Mar 2021
17	S. Pratap Singh, Lakshmanan. M, et al.	Cir of Nanoscale Communication for Different Polarization Factor	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404555, pp. 803-805	04 - 05, Mar 2021
18	Mohammed Shariff A.S, et al.	Vehicle Number Plate Detection Using Python and Open CV	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404556, pp. 525-529	04 - 05, Mar 2021
19	S. Pratap Singh, Lakshmanan. M, et al.	Statistical Measures of Generic Noise Distributions for Molecular Communication	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404683, pp. 876-879	04 - 05, Mar 2021
20	Amanpreet Singh Saini, Ankit Sharma, et al.	Design of wideband Microstrip Antenna for X, Ku and K-Band applications	Conference	International	International Conference on Advance Computing and Innovative Technologies in Engineering, (ICACITE 2021),	04 - 05, Mar 2021

					art. no. 9404694, pp. 723-725	
21	Bishnu Deo Kumar, et al.	Design & Implementation of Digital Guitar Tuner Using MATLAB	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404728, pp. 547-549	04 - 05, Mar 2021
22	P. C. Joshi, et al.	Design and Power Analysis of 32-Bit Pipelined Processor	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404622, pp. 604-608	04 - 05, Mar 2021
23	Gaurav Saxena, et al.	High Isolation with Mushroom Shaped EBG Super Wide Band MIMO Antenna	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404651, pp. 920-926	04 - 05, Mar 2021
24	Gaurav Saxena, Mohd. Shibly, et al.	Polarization Insensitive Multiband Metamaterial Absorber for ISI reduction in X and Ku Band	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404624, pp. 893-897	04 - 05, Mar 2021
25	Kuldeep Singh, et al.	Modeling and Analysis of Autoregressive Filter for n-Number of Rings	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404601, pp. 482-485	04 - 05, Mar 2021
26	Kuldeep Singh, et al.	Optical Ultrafast Decoder using Si Microring Resonator with analysis in Z-Domain	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404667, pp. 486-490	04 - 05, Mar 2021
27	Jaspreet Kour, et al.	Real Time Expression Detection of Multiple Faces Using Deep Learning	Conference	International	International Conference on "Advance Computing and Innovative Technologies in Engineering", (ICACITE 2021), art. no. 9404561, pp. 537-542	04 - 05, Mar 2021
28	S. Pratap Singh, et al.	Packet error rate computaion of wireless nanosensor networks under relaying for plant scenarios	Conference	International	11th International Conference on "Cloud Computing, Data Science and Engineering", Confluence 2021, art. no. 9377040, pp. 689–693	28 - 29, Jan 2021
29	S. Pratap Singh, et al.	Statistical computation of harvested energy for nano sensor network	Conference	International	11th International Conference on "Cloud Computing, Data Science and Engineering", Confluence 2021, art. no. 9377040, pp. 678-682	28 - 29, Jan 2021
30	S. Pratap Singh, et al.	Secrecy Capacity of Diffusive Molecular Communication under Biological Spherical Environment	Conference	International	1st ACM International Workshop on "Nanoscale Computing, Communication, and Applications", NanoCoCoA 2020 Part of the 18th ACM Conference on Embedded Networked Sensor Systems, SenSys 2020, pp. 33–38	16, Nov 2020
31	Gaurav Mehra, et al.	65-nm CMOS LNA with Source Follower Feedback for 80-100 GHz	Conference	International	International Conference on "Computer Communication and Informatics", (ICCCI	27 - 29, Jan 2021

		Low Power mmWave Applications			2021), art. no. 9402224	
32	Ranjana Kumari, et al.	A simple semi-circular arc shaped frequency and polarization reconfigurable antenna	Conference	International	1st International Conference on "Advance in smart sensor, signal processing & communication technology", (ICASSTCT 2021)	19 - 20, Mar 2021
33	Madan Kumar Sharma, Ranjana Kumari, et al.	Design and Modelling of Ring-Resonator Based Microwave Sensor for Skin Cancer Detection	Conference	International	"Flexible Electronics for Electric Vehicles", (FLEXV 2021)	18 - 19, Mar 2021
34	Shristi Priya, et al.	GALGOBOT - The College Companion Chatbot	Conference	International	5th International Conference on "Intelligent Computing and Control Systems", (ICICCS 2021), art. no. 9432101, pp. 1374 - 1378	06 - 08, May 2021
35	Atul Kumar, Saurabh Katiyar, et al.	Parametric Analysis of Composite Structure Dielectric Resonator Antenna for 5G Applications	Conference	International	5th International Conference on "Computing Sciences"	30, Apr - 01, May 2021
36	Atul Kumar, Saurabh Katiyar, et al.	Graphene Aided Rectangular DRA For 5G Application: A Comparative Analysis	Conference	International	5th International Conference on "Computing Sciences"	30, Apr - 01, May 2021
37	Shahid Eqbal, et al.	Feature Matching of Images	Conference	International	6th International Conference for Convergence in Technology (12CT)	02 - 04, Apr, 2021
38	Ranjana Kumari, Madan Kumar Sharma, et al.	Multiband Trapezium-shaped Slot antenna for W-LAN and Wi-Max Applications	Conference	International	International Conference on "Computer Communication and Informatics", (ICCCI 2021), art. no. 9402331	27 - 29, Jan 2021
39	Upendra Kumar Acharya, et al.	Implementation and performance measurement of Q-Varying and r-Varying IIR Notch Filter For Bio-medical Application	Conference	International	1st International Conference on "Energy, Materials Sciences and Mechanical Engineering" (EMSME-2020)	30, Oct - 01, Nov 2020
40	Upendra Kumar Acharya, et al.	Vehicle detection system using modified Blob technique	Conference	International	9th International Conference on "Contemporary Engineering and Technology"	10 - 11, Apr, 2021
41	Ruchi Agarwal, et al.	Leaky wave antenna for millimeter wave utilization	Conference	International	First International Conference on Advances in Smart Sensor, Signal Processing and Communication Technology (ICASSCT 2021), Goa, India, Journal of Physics: Conference Series, 1921(1), art. no. 012030	19 – 20, Mar 2021
42	Ruchi Agarwal, et al.	Substrate Integrated Waveguide based Leaky Wave Antenna	Conference	International	First International Conference on Advances in Smart Sensor, Signal Processing and Communication Technology (ICASSCT 2021), Goa, India, Journal of Physics: Conference Series, 1921(1), art. no. 012030	19 – 20, Mar 2021
43	R.L. Yadava, et al.	Design of microstrip Patch antenna at 2.4 GHz for WI_FI and Broad band Applications	Conference	International	First International Conference on Advances in Smart Sensor, Signal Processing and Communication Technology (ICASSCT 2021), Goa, India, Journal of Physics: Conference Series, 1921(1), art. no. 012030	19 – 20, Mar 2021
44	Madan Kumar Sharma et al.	Four Port MIMO Antenna with enhanced Isolation using plus shaped DGS	Conference	International	International Confrence on Emerging Trend in Industry 4.0 (ETI 2021)	19 – 20, May 2021

		structure for 5G Applications				
45	Madan Kumar Sharma et al.	High isolation metasurface inspired MIMO antenna for UWB Applications: (Design and Analysis)	Conference	International	5th International Conference on "Intelligent Computing and Control Systems", (ICICCS 2021), art. no. 9432379, pp. 14 - 18	06 - 08, May 2021
46	Madan Kumar Sharma et al.	Design and Performance Analysis of Two-port Circularly Polarized MIMO Antenna for UWB Applications	Conference	International	International Conference on Wireless Sensor Networks, Ubiquitous Computing and Applications 2021 (ICWSNUCA-2021)	26-27, Feb 2021
47	Madan Kumar Sharma et al.		Conference	International		
48	Ankit Sharma, et al.	Design of compact MIMO antenna with improved isolation for UWB application	Conference	International	First International Conference on Advances in Smart Sensor, Signal Processing and Communication Technology (ICASSCT 2021), Goa, India, Journal of Physics: Conference Series, 1921(1), art. no. 012030	19-20, March 2021
49	Madan Kumar Sharma, Ankit Sharma, et al.	Orthogonal Elements CSRR-based UWB-MIMO Antenna with Improved Isolation and Multiple Band Rejection Function	Conference	International	7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021, pp. 84–89, art. no. 9441687	19 – 20, Mar 2021

GNIX (An official club of Department of ECE, GCET)

G-care

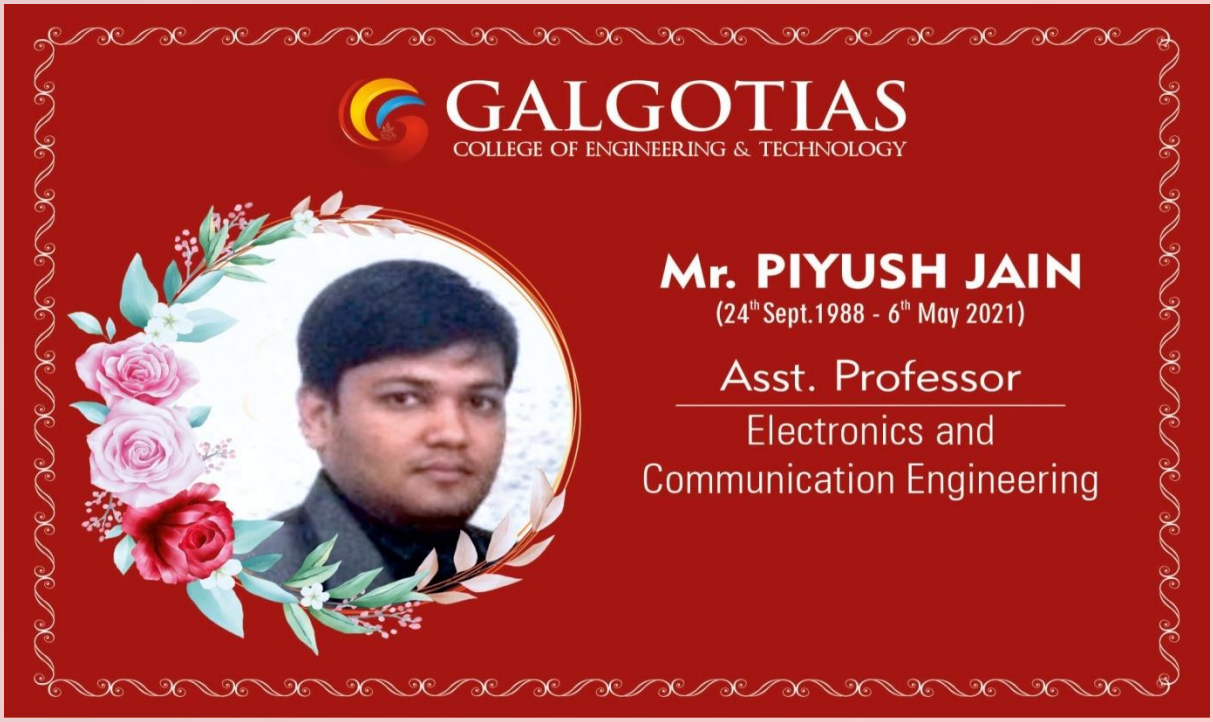
Caring by our seniors is the greatest responsibility they have. Those who walked before us have given so much and made possible the life we all enjoy. Without a sense of caring, there can be no sense of community

IETE Students' Chapter

IETE STUDENTS' CHAPTER was started in October 2018. Dr. M. Lakshmanan and Dr. S.P Singh and co-chair by Ms. Shristi Priya chair this society. Students from first year to final year are members of this society and till now there are 106 students. Apart from student, members there are faculty members also.

MESSAGE

The COVID-19 pandemic has led to a dramatic loss of human life worldwide and presented an unprecedented challenge to public health, food systems and the world of work. The economic and social disruption caused by the pandemic is devastating.



In the mean time we lost one of the faculty member, Professor Piyush Jain sir due to COVID. To his family and all the people associated with him, Our deepest condolence for the loss.

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