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 7.5 LPA AKASH DASSAULT SYSTEMS	 7.13 LPA NIDHI AGNIHOTRI OPTUM UHG	 7.13 LPA ISHAN MISHRA DELOITTE	
 7.12 LPA SHREYA SINGH DELOITTE	 6.5 LPA PRIYANSHU SINGH WIPRO	 6 LPA NIKHIL KUMAR CHOUBEY BYJU'S	

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Any suggestion on the newsletter would be more welcome
Kindly write us at
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BY QS I-GAUGE (ENGG.)

Department of Electronics and Communication Engineering



SAMPRESHAN

THE NEWSLETTER

Volume I. Issue 2. Apr-Jun 2022



Our Rankings



Messages

Dr. Pavan Kumar Shukla, Head of Department

It gives me immense pleasure that the second issue of ECE newsletter is ready for all our readers. It reflects the persistent & committed efforts made by our faculty & students in taking the department & Institution a step ahead. Continuing the same tradition, this Volume of **SAMPRESHAN** reflects the commendable contribution made by all the members of the ECE family in their fields of expertise as well as for the overall growth of NIET.



I convey my heartfelt thanks to NIET management & all the senior functionaries for their unconditional support & guidance. I also congratulate the editorial team for the current issue of the newsletter.

Dr. Shilpee Patil, Deputy HoD



All the department's technological efforts have their roots in the newsletter. The club strives & consistently works for the technical advancement with the help of the highly qualifie faculty members & the enthusiastic students.

It gives me pleasure to convey my best wishes to the editorial team for the second issue of **SAMPRESHAN**. Wishing all the best to all faculty, staff members & students for their future endeavor.

THE EDITORIAL TEAM

It gives us great pleasure and satisfaction to present the department's newsletter to our readers. We are grateful for the trust placed in us to carry out the duties by the editor of the Department's Newsletter editors.

We have made sincere efforts with our determination and perseverance, to present a thorough and multifaceted picture of the ECE department's remarkable accomplishments. We certainly aim to live up to our readers' expectations through subsequent editions of **SAMPRESHAN**.



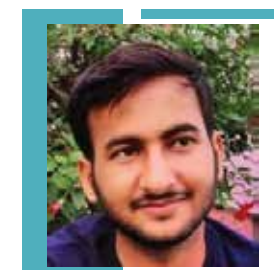
Dr. Garima Shukla
Editor-in-Chief



Mr. Kamal Bhatia
Faculty Coordinator



Ms. Kanika
Faculty Coordinator



Aalok Kumar
Student Coordinator



Kartik Chandra
Student Coordinator

VISION

To prepare the students for global competence, with core knowledge in Electronics and Communication Engineering having focus on research to meet the needs of Industry and Society.

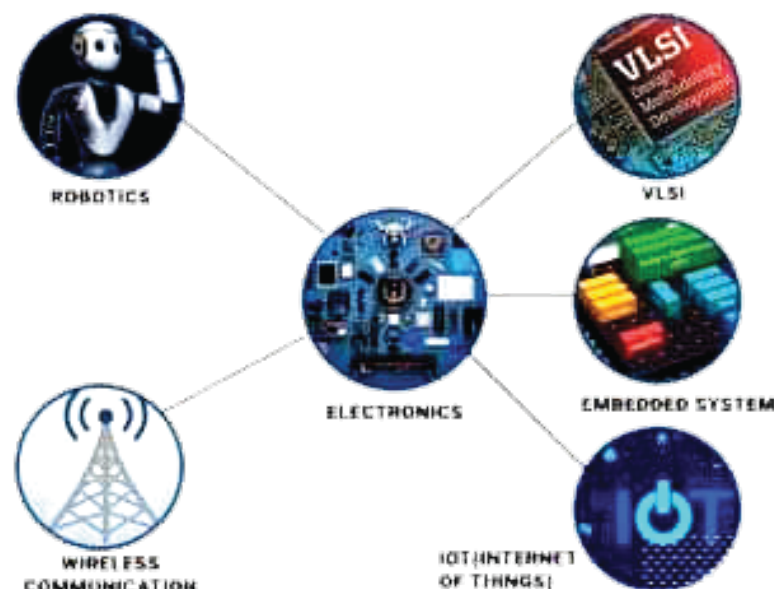


MISSION



- 1 To become a dynamic and vigorous knowledge hub with an exposure to state-of-art technologies for connecting the world.
- 2 To provide in-depth knowledge of Electronics and Communication Engineering ensuring the effective teaching-learning process.
- 3 To train students to take up innovative projects in groups with sustainable and inclusive technology relevant to the industry and social needs.
- 4 To empower students to become skilled and ethical entrepreneurs.
- 5 To promote and adapt professional development in a perpetually demanding environment and nurture the best minds for the future.

SCOPE OF ELECTRONICS



ECE Specialization from the Session 2022-23

The department of Electronics and Communication Engineering offers Specialization courses to Students. The Students will get degree on the successful completion of the course that cater to the need of the Industry 4.0. The theory and lab Courses are related to Artificial Intelligence & Machine Learning, Internet of Things and Data Science coverage of Electronics hardware which drive the new technologies.

This course opens up Job opportunities for the students in Electronics & IT Industries and various other sectors like Health Care, Core Electronics, driverless cars and other areas where AI, ML and IoT plays an important role.



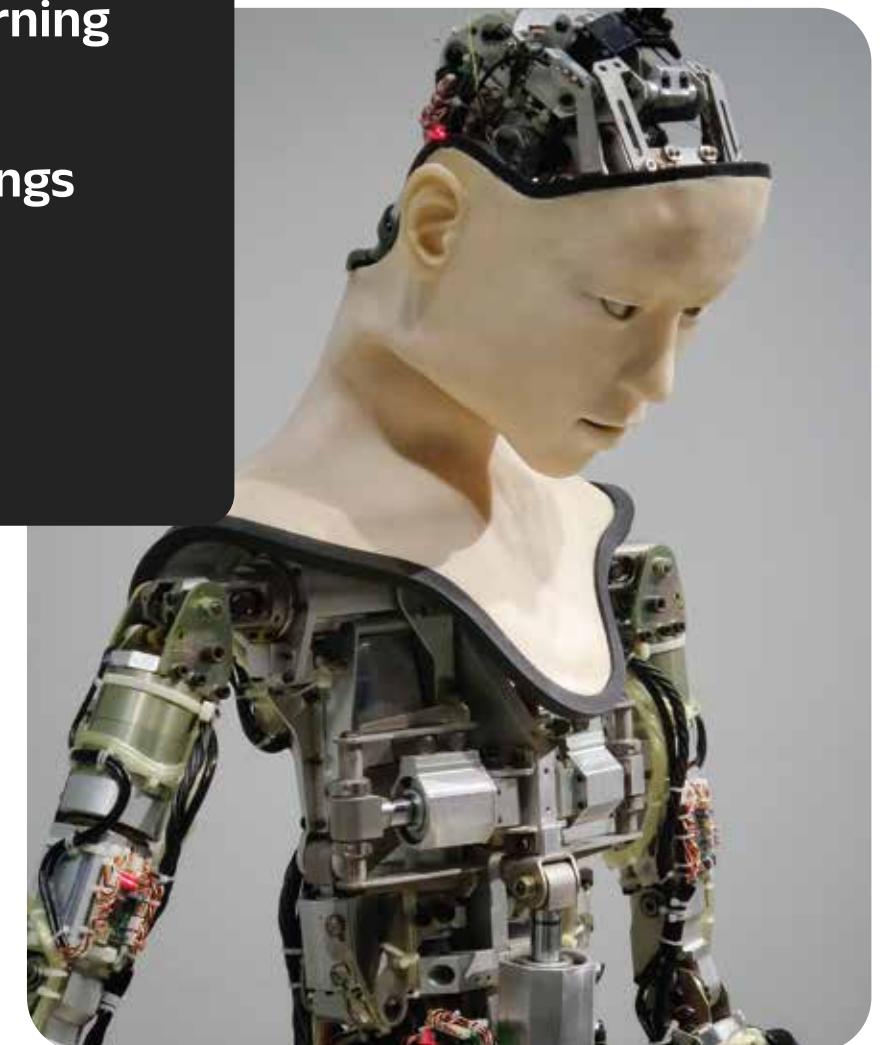
**Artificial Intelligence
& Machine Learning**



Internet of Things



Data Science



Project Exhibition & Poster Making Completion

9th April 2022

Department of Electronics and Communication Engineering had organized Project Exhibition (Hardware/Software) on 9th April 2022. Total 42 groups/Teams had participated in the event in which 17 Groups/Teams participated in hardware category while 26 Groups/Teams participated in software category.

Chief Guest of the event -Mr. Bharat Sharma, Director, Presales for India & SAARC at Cambium Networks Indian Institute of Management Kozhikode Alumnus.

On 9th April, a colourful and memorable event of poster making competition was organized under the "Health Awareness Programme", on the occasion of World Health Day 2022 by the CodeTronics Club of ECE department under the supervision of Mrs. Kanika Jindal (AP, ECE).

The event was coordinated by Archit Tripathi, Sneha Kashyap, Kartik Chandra, Juhi Singh and other members of the Club.

The Objective of the competition was to ignite the fire of imagination and creativity in the students. The theme of the competition was "Our Planet, Our Health". 40 students from different branches participated in the competition with immense zeal and enthusiasm and made beautiful posters which gave the message on health awareness.



Discussion on Skill Development with the IASC

19th April 2022

Department of Electronics and Communication Engineering had organized Memorandum of Understanding (MoU) Signing Ceremony with Instrumentation Automation Surveillance & Communication, Sector Skill Council (IASC), Government of India on 19 April 2022.

The objective of this event was to provide the training & guidance to the students, faculties, start-ups, & entrepreneurs to make them ready for industry product knowledge, technical skills, sales skills, & service skills for various products & services relevant to urban & rural economies & emerging sectors.

The Chief Guest of the event was Mr. Brajesh Kumar Poddar (Chief Executive Officer Sector Skill Council, Govt. of India) & Dr. Babu Lal (Advisor of Sector Skill Council Govt. of India).



Expert Talk on the Latest Trends in VLSI Industries

Department of Electronics and Communication Engineering, successfully organized an expert talk on 23 April, 2022. This session was delivered by Mr. Chandra Shekhar Chaturvedi (Industry Expert- Sr. Principal Solutions Engineers in Cadence). Eight Students of 3rd year attended the expert talk. All the committee members of VLSI training program were present. The session began by welcoming of Mr. Chandra Shekhar Chaturvedi by the Dr. Pavan Shukla, HOD ECE Department. 15 students of training program were briefed about VLSI technology and how to get job in VLSI industry.



The students asked their queries and the same were solved and they were made more familiar with the VLSI technology and feedback was taken by the students for future training sessions. Students found the session to be interesting and showed interest in VLSI. VLSI Training Program Coordinator, **Dr. Kumod Kumar Gupta**.

23rd April, 2022



“Technocruise-2022” (A Technical Paper Presentation Event)

29th April, 2022

The department of ECE organized a Technical Paper Presentation Event - “**TECHNOCRUISE**” on 29th April 2022 for all ECE students in association with CodeTronics.

The event was organized by Dr. Laxman Singh, Associate Professor, ECE and inaugurated by Mr. Avaneesh Vats, GM(IT), EESL& Convergence Energy Service Ltd. as a chief guest. He blessed & encouraged every participant for taking part in this event. This event enriched the technical information & knowledge of students and opened the doors for employment on various emerging technologies. In the event, technical papers on various latest technologies such as AI, cloud computing, block chain, cyber security, IOT, edge computing etc. were presented.

Total 29 teams from various domains participated in the event. Each team comprised of maximum 3 students. The performance of students was evaluated by 6 independent jury members & three teams were declared winners based on their scores. Prizes worth Rs. 6000/- were given to all the winning teams.

Year	Student's Name	Title of the paper	Position
II	Piyush Singh, Aalok Kumar, Abhay Kumar Singh	Development of Fire Fighting robot	1st
III	Tarun Raj, M. Shekainah, Arnav Kamboj	Smart Cradle Baby Monitoring System	2nd
II	Upender Kumar, Vikas Kumar Mishra, Shivam Singh Kushwaha	Implementation of Smart Gesture Control Using Image Processing	3rd



Alumni Meet

30th April, 2022

Alumni are a big asset for any organization. To ensure a better connection between Alumni and Institute, Alumni Meet was organized. Institute also receive. Alumni feedback about the Institution and course. Alumni Meet-2022 was organized by the Dean Student Welfare Department in the auditorium of NIET College on 30.04.2022.

The program started with Saraswati Vandana. Dr. Vinod M Kapse, Director welcomed all the former students. Dr. Praveen Pachauri, Director Project & Planning told the alumni that they all represent the institution in the society. Mr. Praveen Soneja, Director General said that the Alumni Meet gives an opportunity to former and present students and teachers to gather on one platform. Director Pharmacy and Director Academic's praised the students for the progress of their institute. Alumni shared their memories and experiences from the stage. Various musical performances were performed in the program by NIET's Music Club T-10S and Juventas Club.

In the Alumni Meet-2022, there was a period of laughter for a long time with the poems and stand-up comedy of the Sangharchana Club. The work of decoration for the program was done by Artwork Club. The cinematography was done by Megapixel Club.

**Nobody is bothered
about an institution
more than its alumni.**



DIGISHAKTI 2022

Tablet Distribution to Batch 2022 students

30th April, 2022

The Government of Uttar Pradesh has launched the **"Digishakti-2022"** for the auspicious students of the state. In this Yojana, the government has decided to provide free tablets to the one-crore students of the state of UP. The free tablets given to the 10th, 12th pass and college/ university graduate candidates. The UP state govt. bought tablets, and the supply of them will be started from November 2021. The data of all the eligible students of this Yojana is fed by the respective college, university, or educational institution.

Tablet Distribution to all Final Year ECE Students organized by NIET under the **"Digishakti-2022"** on 30th April 2022.



Farewell of Final Year Students of B. Tech (ECE)

Department of ECE organized farewell for final year students on 13th May 2022. All faculties blessed the students and wished them to find more opportunities, success, and good luck along the way of their dreams.

The Department of Electronics and Communication Engineering, has organized Farewell function of Final Year B.Tech.(ECE) on 13 May 2022 at 10.00 am in auditorium. The compere of the Programme, Mr. Shubhendu, a third year student welcomed Chief Guest Prof. B.C Sharma (Dean Academics) and all dignitaries.

The program was further followed by video clip of memories made by the B.Tech. students.

Mr. & Ms. Farewell competition won by Mr. Ankit Kumar and Ms. Ojasvi Asthana respectively.



CHEERS TO THE NEW BEGINNINGS!

13th May 2022



Board of Studies Meeting

21st May 2022

The Board of Studies Meeting of Electronics and Communication Engineering was held on 21/05/2022 at Departmental Library. A welcome note was given by Dr. Pavan Kumar Shukla, HoD and Convener of BoS.

The meeting started with Dr. Shilpee Patil, Dy. Head and Co-Convener BoS handed it over to Dr. Pavan Kumar Shukla for convening the BoS meeting. Dr. Pavan Kumar Shukla along with Director NIET, Dr. Vinod M. Kapse introduced and welcomes all the BoS esteemed members. The following external members were present in the meeting.

Particulars	Name	Affiliation & Department	Position
Expert Having knowledge of the subject from eminent Institutions, Research organizations nominated by the Academic Council	Dr. Bhavana Jharia	Professor, Department of Electronics & Communication, Ujjain Engineering College, Ujjain (MP)	External Member
Expert Having knowledge of the subject from eminent Institutions, Research organizations nominated by the Academic Council	Dr. Aditya Trivedi	Professor, Department of Information and Communication Technology (ICT), ABV Indian Institute of Information Technology & Management Gwalior (MP)	External Member
Expert nominated by the Vice-Chancellor	Prof. Rachna Asthana	Professor & Director, Dr. Ambedkar Institute of Technology for Handicapped, Kanpur	University Nominee Member
Representative expert of the subjects from industry/corporate sector/allied area relating to placement nominated by the Academic Council	Ms. Apurva Verma	Regional Manager, University Program, South Asia at Arm Bengaluru	Industry Representative Member
Postgraduate meritorious alumnus nominated by the Chairman, Board of Studies with the approval of Director	Dr. Jitendra Kumar	Assistant Professor, NIT Sikkim	Alumni Member
Subject expert nominated by the Academic Council (AKTU)	Dr Sampath Kumar	Professor, JSS Noida	External Member

Dubai Industrial Visit

Industrial visits are an essential part of the academic curriculum in most of the graduate and post-graduate courses. Being a part of an interactive learning, such educational visits give students a major exposure to real working environments along with a practical perspective of a theoretical concept relevant to their domain.

In addition to that, industrial visits bridge the widening gap between theoretical learning and practical exposure by giving students the first-hand exposure to identify the inputs and outputs for different business operations and processes performed at the workplace.

Intending to go beyond classroom learning, the industrial tours contribute a lot in holistic student development by letting students learn the current trends in the market, the future scenario of the industry and the new technologies that are being applied in the industry.

Mr. Ashutosh Kumar Singh (Assistant Professor–ECE) has successfully visited Dubai on Industrial Tour for Industry 4.0.



22nd-25th May 2022



Toycathon 2022

Toycathon Physical Edition- 2022 was jointly launched by the Ministry of Education, Women and Child Development Ministry, Micro, Small and Medium Enterprises Ministry, Department for Promotion of Industry and Internal Trade, Textile Ministry, Information and Broadcasting Ministry and All India Council for Technical Education (AICTE) from 24th May 2022 to 26th May 2022. It was launched to crowd-source innovative toys and games ideas.

Toycathon- 2021-22 is aimed at boosting the Toy Industry in India to help it capture a wider share of the toy market. India's domestic market as well as the global toy market offers a huge opportunity to our manufacturing sector.

Around 1.2 lakh participants from across India registered and submitted more than 17000 ideas for the Toycathon 2022, out of which 1567 ideas have been shortlisted. NIET was the venue partner for Toycathon Physical Edition- 2022, total 32 teams members participated and 07 winners were there from 32 teams. The winners got 25000/- cash prize from Ministry, along with 5000/- cash prize was given by Honorable Managing Director Dr. O.P. Agrawal.



24th-26th May 2022



NIET Research Collaboration with IIT Roorkee

On the launch of 175 years celebrations of Indian Institute of Technology Roorkee (IIT-Roorkee), Prof. Ajit K Chaturvedi, Director, IIT Roorkee, called on all Higher Education Institutes (HEIs), in Uttarakhand and the institutes within 200 km radius of Roorkee in the neighbouring states, to join hands for knowledge creation and collaboration in Research, Innovation and Development (R&D). Out of the 100 proposals only five academic institutions were selected. Noida Institute of engineering & Technology is only one selected Institute from the Uttar Pradesh.

The event was hosted by IIT Roorkee at Senate Hall where the Heads of Partnering Institutes Prof. Arun Kumar, Chairperson, Prof. Sanjeev Manhas, Convener, Prof. A.K. Chaturvedi, Director, IIT Roorkee, were present. Moreover, the event was graced by the online presence of the Chairman, AICTE and the Chairman BOG, IIT Roorkee.

Additionally, Dr. Vinod M Kapse (Director- NIET), Dr. B.C. Sharma (Director Academics) and Dr. Garima Shukla (Associate Professor) signed the Memorandum of Understanding (MoU) at the event. The scope of the partnership is to promote academic and research cooperation and the development as outlined in IIT Roorkee 175 partnerships initiative, research collaboration, joint guidance of Ph.D students, Ph.D fellowships to faculty members, faculty visit to IIT Roorkee from partnering institutes, provision of research scholar visit, allow for joint proposals of funding to enable setting up research capability at the partner institutes among others.





14th June 2022

It took more than half an hour for a donor to fill consent form and donate blood. After it, donors were given certificates, donor's card, fruits and frooti. ECE Department Faculty Members: Dr. Pavan Kumar Shukla, Dr. Garima Shukla, Mr. Kumod Kumar Gupta and Mr. Deep Singh & Students donated blood in B-Block NIET Campus on 14 June 2022.

INTERNATIONAL YOGA DAY 21st June 2022

Yoga day celebration was held at NIET, Plot No 14 on June 21. The session was held at gaming arena of plot no 14. Students from boys and girls hostel along with their warden and faculty members took part in the celebration. The inaugural speech was given by Dr. Neema Agarwal, AMD, NIET Greater Noida who emphasized the importance of Yoga and physical exercises in daily life.

A group of students from Rainbow School (A charitable School run by NIET Management) performed Surya Namaskar. They also performed standing and sitting asanas. One could understand by watching their performance that they have been practising yoga for the last few years. The Yoga Instructor Mr. Balram Sharma, gave step wise instructions to perform warmups, stretching, dhyan, anulom vilom and various exercises. The emcee is done by Khyati Gupta student of B. Tech First Year, who introduced the winners of Fit India Challenge, held by AICTE.

Winners in Category II (Individual Award)

Mr. Pushpendra Upadhyay, Assistant Professor, Department of ME, NIET, Greater Noida
Mr. Abhilekh Kumar, B.Tech., AI, 2nd Year

Winner in Category III (Institutional Award)

Noida Institute of Engineering and Technology, Greater Noida

BLOOD DONATION

On the occasion of World Blood Donor Day, blood donation camp was organized in our campus auditorium. The camp was organized with collaborative efforts of Government Institute of Medical Science (GIMS), Greater Noida. All the preparations such as the arrangement of beds, sanitization, etc. were made following the COVID-19 protocol. A team of doctors and nurses from the GIMS, had reached in time. The Chief Guest of the Camp was Dr (Brig) Rakesh Gupta, Director, GIMS. He inaugurated the Camp by cutting the ribbon. The students, staff, and faculty members of the college participated in the camp.

Dr. Vinod M. Kapse, Director of the Institute, and Mr. Praveen Soneja, Director General of the Institute were among the first donors from the Institute. Total 475 donors reached the venue out of which more than 150 units of blood was collected. Director GIMS, appreciated the enthusiasm of NIET Family and promised to arrange another Blood Donation Camp in next 3 months.



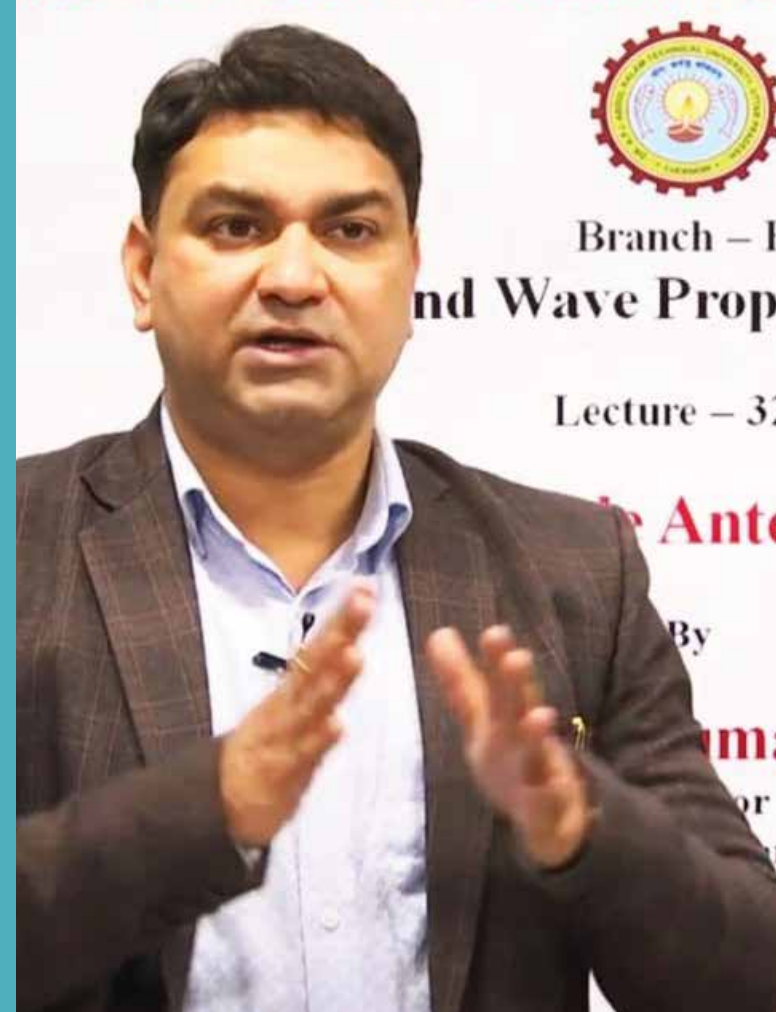
“Capgemini Interaction Programme for 5G Wireless Technology”

29th
June
2022

Department of Electronics and Communication Engineering had organized the “Capgemini Interaction Programme in 5G Wireless Technology” for ECE Students on 29th June 2022. Mr. Pavan Kumar Shukla, HoD ECE welcomed Capgemini representative and gave special thanks to Mr. Praveen Goel (Senior Director, SFS Group, Capgemini Engineering), Mr. Pankaj Negi (Director, SFS group, Capgemini Engineering), and Mr. Vikram Malik (Technical Manager, SFS group, Capgemini Engineering) for this interaction. The Q&A session proved to be a wonderful interaction for the students. Students got benefited with the expertise, knowledge and got aware of the requirement of Capgemini for Internship.



DR. APJ ABDUL KALAM TE



Faculty Achievements

1. Lecture Series on "AKTU Digital Education"
2. Book Publication
3. Congratulation to Ph.D Awardees
4. Research Publication & Patents
5. Patents

1. Lecture Series on "AKTU Digital Education"

SWAYAM is a program initiated by the Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity, and quality. The objective of this effort is to take the best teaching-learning resources to all, including the most disadvantaged.

SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy. Dr. Pavan Kumar Shukla, HoD- ECE, delivered a lecture series of 35 hours on "Antenna and Wave Propagation" on Swvam Prabha Channel organised by AKTU Digital Education.

2. Book Publication

- a. Dr. Shilpee Patil and Dr. Prasanna Singh, published a Book Chapter on "Study of Rectangular Microstrip Antenna Loaded with Gunn Diodes".
- b. Dr. Dhananjay Singh, Assistant Professor, published a Book entitled "MICROWAVE ENGINEERING: CONCEPT AND FUNDAMENTALS"



Study of Rectangular Microstrip Antenna Loaded with Gunn Diodes
Alka Verma ; Neelam Srivastava ; Anil Kumar Singh ; Shilpee Patil ; Prasanna Kumar Singh ; Anil Kumar Pandey

3. Congratulation to Ph.D Awardees

Dr. Kumod Kumar Gupta has completed the Ph.D. Degree on Topic "Novel Approach for Detection of Breast Abnormality Using Artificial Neural Networks for Thermography Images" in Electronics & Communication Engineering, Banasthali Vidyapith, Rajasthan, under the supervision of Prof (Dr.) Ritu Vijay, Department of Physical Sciences, Banasthali Vidyapith, Rajasthan.



4. Research and Publications

Author's Name	Title	Journal
Dr. Pavan Kumar Shukla	A Wideband Metamaterial Linear to Linear Conversion For X Band Applications	SCI
Dr. Shilpee Patil	Circularly Polarized Parasitic Patch Slot Antenna Using I-Tree Fractal Defected Ground Structure For CA Band Applications Design of dual-polarized triple-band concentric annular-ring microstrip patch antenna for GPS applications	SCI
Dr. Laxman Singh	Analysis Of DCTLDMOS On SOI For Power Amplifier Applications Computer-Aided Diagnosis For Breast Cancer Detection And Classification Using Optimal Region Growing Segmentation With Mobile Net Mode An Efficient Hybrid Methodology For An Early Detection Of Breast Cancer In Digital Mammograms Cyber-Physical Health Systems Integrated With Secure Block Chain Using EECNN Classification Image Based Early Detection of Diabetic Retinopathy: A Systematic Review On AI Based Recent Trends And Approaches A Robust Automatic Fingerprint Recognition System Using Multi-Connection Hopfield Neural Network, Traitement Du Signal Optimization of Hopfield Neural Network For Improved Pattern Recall And Storage Using Hamming Distance And Lyapunov Energy Function A Novel Design of High-Performance Hybrid Multiplier, Journal Of Circuits, Systems, and Computers Deep Learning Based Tomato's Ripe And Unripe Classification System	SCI

Author's Name	Title	Journal
Dr. Garima Shukla	A Survey: Improvement of QoS via load balancing approach in parallel distributed system Secure Covid-19 Treatment with Blockchain & IoT Based Framework	SCOPUS SCI
Dr. Dhananjay Singh	Design of Dual Slot Microstrip Antenna for Wireless Application	SCOPUS
Ms. Nidhi Sharma	Design And Implementation Of Auto (Light) Intensity Controlling System Using IoT And Without IoT Design A High-Speed, Low-Power Mac Unit For DSP Applications Using Verilog Design and Implementation of High Speed, Low Power Mac Unit with Proposed Mixed Adder for The DSP Applications	SCOPUS
Ms. Mona Devi	Review Paper on Technologies Used for Social Distance Monitoring and Prevention of COVID-19 Transmission	SCOPUS

5. Patents

Inventor's Name	Title
Dr. Garima Shukla	Novel InAlAs/InGaAs/GaAsSb Type-II Nano- Heterostructure For Optical Fiber Communication And A Design.
Dr. Laxman Singh	IOT-Based Smart Healthcare Solution for Prognosis of Skin Cancer Using Machine Learning, In Patients Suffering from Skin Disease. WSN and IOT Enabled Pipeline Leakage Detection System and Method Using Machine Learning. Smart Healthcare System & Method for Predicting the Severity of Illness and Prioritizing the Appointment.

NEW JOININGS



Dr. Anand Kumar Singh is working as an Assistant Professor in the Department of Electronics and Communication Engineering at Noida Institute of Engineering and Technology, Greater Noida. He has done his Ph.D. in Electronics Engineering from Dr APJ Abdul Kalam Technical University, Lucknow in 2021, and he has received Research cum teaching fellowship from TEQIP-II & III project of MHRD, New Delhi during his research program. He has published many research papers in peer reviewed SCI and Scopus indexed journals. He was awarded as best research paper in Indo-Korea virtual conference jointly organized by Jeonbuk National University, Jeonju, Korea and Vellore Institute of Technology, Vellore, India in July 2020. His research interests include two-dimensional materials based electronics and optoelectronics, graphene, heterostructure semiconductor devices and low power VLSI design. He is member of scientific societies like ISTE, IEI and IAAM. Currently, he is the member of Research and Development (R&D) cell at NIET college.

Mr. Pradyumn Singh working as an Assistant Professor in the Department of Electronics and Communication Engineering at Noida Institute of Technology, Greater Noida. He has done his M.Tech (Telecommunications Engineering in ECE department) from AKTU Lucknow in 2017. He has 11.6 years teaching experience and 02 years Industry experience. Presently he is associated with AICTE-IDEA- PCB and IoT Lab.

Mr. Deep Singh is working as HoD's Personal Assistant of HoD in the Department of Electronics and Communication Engineering at Noida Institute of Technology, Greater Noida.

FAREWELL

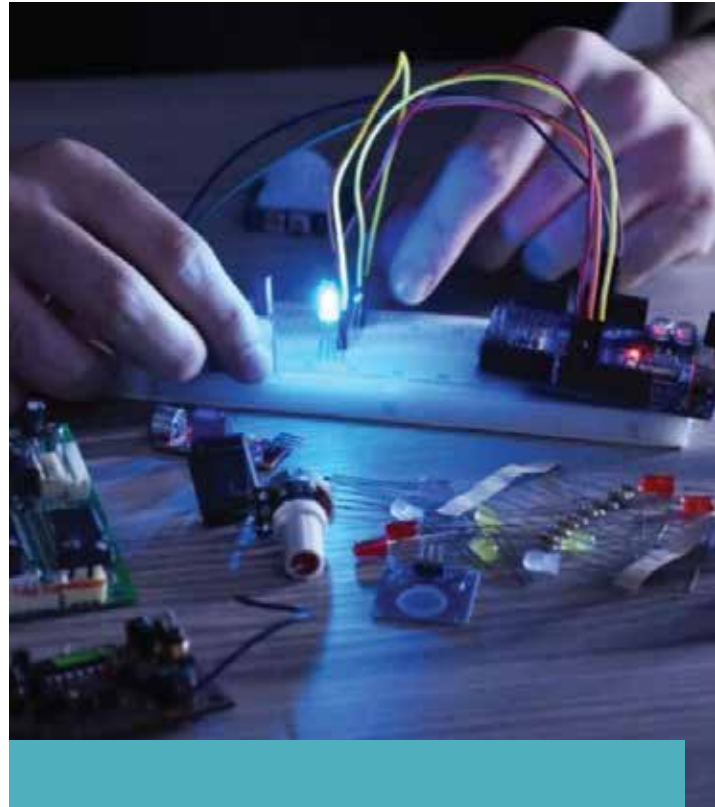
The following faculty members got farewell i.e. organised by Department of Electronics and Communication. The brief profile of members are as follows:

Ms. Priyanka Verma (Assistant professor) successfully completed 6 years in NIET with specialization in VLSI Design and Microcontroller. She has taught various subjects like Microprocessor and Microcontroller, VLSI Design & Verilog along with Electronic Circuits.

Ms. Sneha Pandey (Assistant professor) successfully completed 3 years in NIET with specialization in VLSI Design. She has taught different subjects like Cyber Security and Internet of Things.



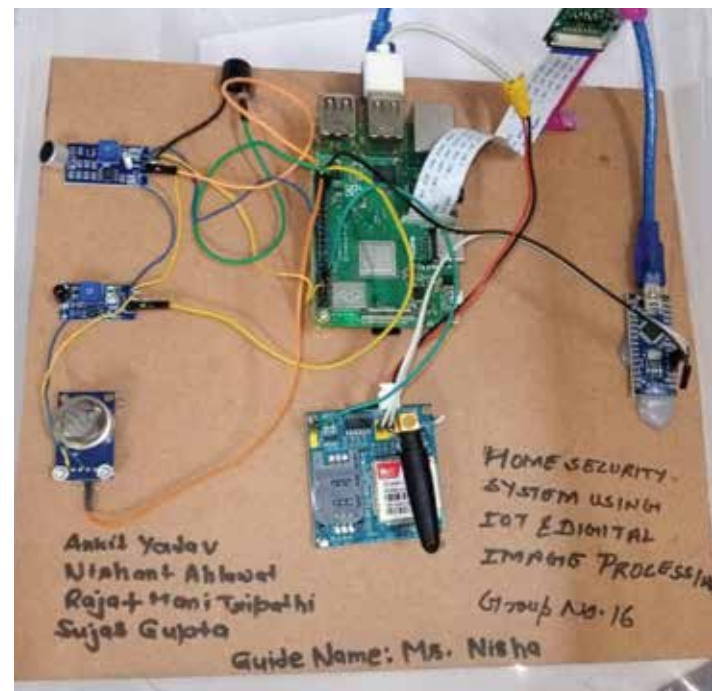
Final Years Students Projects



1. A Novel Implantable Antenna for Biomedical Application

2. Design and Analysis of Microstrip Antenna for Millimeter Wave Applications

3. Design and Analysis of Multiband & Microstrip Patch Antenna for Wireless Applications



4. Design of a Multitasking Drone for Agricultural Purpose

5. Extension of Natural Language Processing & Translation Assistant for Deaf-Blind



