

VATRAPATRAM

ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

INDUSTRIAL VISIT AT HARYANA VIDYUT PRASARAN NIGAM LTD.

MARCH '23

The ECE department of Bhagwan Parshuram Institute of Technology organized a visit to Haryana Vidyut Prasaran Nigam Ltd., providing students practical insights into power transmission systems. Highlights included a facility tour, control room demonstration, and interactive sessions with professionals. This experience bridged theory and practice, enhancing students' understanding of the power sector and potential career paths.



OUR ACHIEVER



A team of ECE students set to conquer the fields of innovation at Rendezvous'23 held at K.R.Mangalam

University on 3rd March. Their relentless efforts in designing, building paid off as they clenched the First Prize, a cash prize of Rs 5000.

G20'S DIGITAL SKILLING CONFERENCE



Dr. Komal Bhagat, Dr. Megha Agarwal, and Ms. Prachi Kaushik, accompanied by ECE students, participated in the International Conference on Digital Skilling under the G20 presidency of India. The event, organized by the National Institute of Electronics and Information Technology (NIELIT), provided a platform for insightful discussions on digital skilling initiatives, aligning with the national agenda for technological advancement and skill development.

PLACEMENT PARTNERS



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ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

LECTURE: ENTREPRENEURSHIP AND INNOVATION ON CAREER OPPORTUNITY

APRIL '23

On April 5th, a session led by Mr. Ascharya Bansal, a Senior Faculty member and former IES Officer, inspired ECE and EEE students in the 2nd and 3rd years. The talk covered strategic approaches to excel in government exams and explore diverse career opportunities in government sectors.



Bhagwan Parshuram Institute of Technology Delhi
 Department of Electrical & Electronics Engg. and Department of Electronics & Communication Engg.
 In Association with **MADE EASY** India's Best Institute for IES, GATE & PSU
 Organize talk on **Entrepreneurship and Innovation on Career opportunity**

Chief Patron: Shri Vinod Vats (Chairman)
Speaker: Ashcharya Bansal Senior faculty member Madeeasy education Pvt L (Ex IES Officer)

Patrons :
 • Padam Shri Surender Sharma, (Sr. Vice President)
 • Shri Ram Babu Sharma (Gen. Secretary)
 • Shri Shambhu Sharma (Secretary)

Date : 5th April, 2023
Time: 3:30-4:50 pm
Venue : Room No. 6A

Prof. Pooja Pahwa (Priniple)
Prof. A.K. Tandon (Founder Director)
Prof. Y.D. Gaur (Executive Director)
Dr. Rajy Sharma (Dy Director & HOD ECE)
Dr. Poojash Puri (HOD EEE)

OUR ACHIEVER



B.Tech ECE students at IIMT University won the Second Prize and a cash

award of Rs 2500 for their innovative ecological solutions at The Prathiba'23 event on April 19, 2023.

PLACEMENT CORNER

Heartiest congratulations to the following students for getting placed in the prestigious BHARTI AIRTEL:



- APRAJITA
- ARISHT MEHTA JAIN
- ESHAAN BHARDWAJ
- KASHISH MISHRA
- PRAKRITI TIWARI

LECTURE ON: SCOPE OF VLSI & EMBEDDED SYSTEMS



The session on April 12th, was informative for the students to make them aware about what all they need to prepare in order to get job in core field of VLSI design.

Exploring the latest industrial demands in the field of VLSI and Embedded systems. Speaker of the session was Mr. Harshit Tiwari, Founder (Nanodroits) who discussed about various industrial requirements to get a job in core designing and motivated the students to enhance their knowledge in the core field.

BPIT Bhagwan Parshuram Institute of Technology
 Department of Electronics and Communication Engineering in association with Centre Of Excellence of VLSI and Embedded Systems presents:
Expert Talk on SCOPE OF VLSI & EMBEDDED SYSTEM

Chief Patron: Shri Vinod Vats (Chairman)
Speaker: Mr. HARSHIT TIWARI Founder, Nanodroits

Date: 12th April '23
Time: 1:40-2:30 PM
Venue: 6A

PATRONS
 Padam Shri Sh. Surender Sharma (Sr. Vice President)
 Sh. Manoj Kumar Sharma (General Secretary)
 Sh. Shambhu Sharma (Secretary)
 Sh. Saigyan Sharma (Treasurer)
 Prof. Pooja Pahwa (Priniple)
 Prof. A.K. Tandon (Founder Director)
 Prof. Y.D. Gaur (Executive Director)

HEAD OF THE DEPARTMENT
 Prof. Rajy Sharma (HOD ECE)
FACULTY COORDINATOR
 Mr. Jatin Gaur (Asst. Professor/ECE)
 Dr. Sireep Dawal (Asst. Professor/ECE)

BPIT | #bipit | #bipitdelhi | #bipitdelhi | #bipitdelhi

LECTURE: ARTIFICIAL INTELLIGENCE IN POWER SYSTEM

An illuminating session on AI applications in power systems, led by Mr. R.K. Singh, former Engineer-in-Chief at Doordarshan, engaged students from the 2nd and 3rd years of ECE and EEE departments, along with participants nationwide. The talk covered AI applications in power systems, ranging from load forecasting to maintenance, offering a thorough insight into current and explored advancements in the sector.



Organizing National Seminar
Artificial Intelligence in Power System
 Date: 27th May, 2023, 11:00 am onwards

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WORKSHOP: DEMYSTIFYING DATA SCIENCE USING PYTHON



The session on May 30th, was about exploring the applications of Python in data science. It was led by Ms. Avneet Kaur, a Senior Trainer at CETPA.

PLACEMENT CORNER

Heartiest congratulations to the following students for getting placed in the prestigious NEWGEN:



BHAWESH GANDHI
DHRUV NARANG

The valedictory function served as a valuable networking opportunity, bringing together students and faculty from the ECE and EEE departments, fostering collaboration and ensuring a bright future for the field.

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AUGUST'23

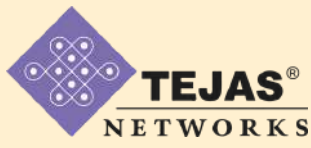
FACULTY ACHIEVEMENTS

- Ms. Monika Kaushik's recent paper, "Partially Omnidirectional and Circularly Polarized MIMO Antenna for 5G in sub-6 GHz Band," published in IEEE Transactions, introduces a groundbreaking approach to enhance 5G network efficiency. Emphasizing the sub-6 GHz band, her innovative integration of partially omnidirectional coverage and circular polarization within a MIMO system addresses connectivity challenges, highlighting ongoing innovation in telecommunications.
- Dr. Megha Agarwal has received Patent No. 440822 in August 2023 for her innovative work on a "Two-Port Hexagon Shaped MIMO Microstrip Antenna With Double Stop Bands." This patent marks a notable advancement in antenna technology, showcasing Dr. Agarwal's commitment to pushing technological boundaries.
- Dr. Pavika Sharma participated in an AICTE faculty development workshop in collaboration with Arm Education and ST Microelectronics, supported by Cadence Design Systems, focused on "VLSI to System Design: Silicon-to-End Application Approach" from July 31 to August 4, 2023.

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DEVESH TIWARI



CHERISH SEHGAL



SAKSHAM GUPTA
YUVRAJ SINGH

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SEPTEMBER '23

FDP: RECENT TRENDS IN EMBEDDED SYSTEMS & IOT

The "Recent Trends in Embedded Systems & IoT" Faculty Development Program for ECE and EEE faculties, organized by the Department of Electronics & Communication Engineering at BPIT as a nodal centre, featured insights from distinguished speakers, Dr. Kanika Sharma and Er. Baljit Singh. Covering advancements in embedded systems and practical IoT implementation, the program facilitated knowledge exchange and networking. Appreciation is extended to the esteemed speakers for their valuable contribution to the success of this informative event.



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PLACEMENT CORNER



AARYAN KUNDRA
HARSHIT

LECTURE: HOW TO ENTER IN THE VLSI AND EMBEDDED INDUSTRIES"



An insightful expert talk for 3rd-year students of the ECE Department. The session focused on navigating entry into the VLSI and Embedded Industries. Mr. Vaibhav Mishra from PiNE Innovations provided valuable insights on skill development and career entry strategies for VLSI and Embedded industries. The talk aimed to bridge the gap between academia and industry needs, empowering students for informed career decisions.

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OCTOBER '23

INDUSTRIAL VISIT: NETWORK BULLS

On October 7, 45 third-year ECE students, accompanied by four faculty members, participated in a one-day session at Network Bulls led by Mr. Paras Jairath, CEO. The event focused on Basic Networking, Internet Protocols, and hands-on troubleshooting scenarios, providing valuable insights and career guidance while enhancing theoretical understanding and problem-solving skills.



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WORKSHOP: INDUSTRIAL AUTOMATION AND CONTROL



Led by Mr. Parmish Kumar from LIVEWire, the session aimed at providing practical knowledge for 2nd & 3rd-year ECE&EEE students.

PLACEMENT CORNER



ANUJ KAUSHIK

The session covered PLCs and their role in digital i/o control, particularly in regulating 3-Phase Induction Motors. The hands-on lab session featured SCADA applications for switch control, offering valuable insights into Automation.

