

# BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY

Electronics and Communications Engineering Department  
*VARTAPATRAM*

## DEPARTMENT'S VISION

To emerge as a center of excellence producing globally competent and morally sound professionals in the field of Electronics and Communication Engineering who will practice commitment to their profession and dedicate themselves to the service of mankind

## DEPARTMENT'S MISSION

- ◆ To develop state-of-the-art laboratories providing relevant practical inputs to students
- ◆ To provide strong knowledge base to students in the area of Electronics and Communication Engineering, and to train them as per requirement of industries and research organizations.
- ◆ To facilitate Institute Industry Interaction to the benefit of stakeholders and to motivate teachers for continuous improvement of their academic standards.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- ◆ Graduate will have the fundamental and advance knowledge in Mathematics, Science, Electronics and Communication Engineering and design methodologies to successfully accomplish their professional career in industry as an Engineer, theoretically practically, in the field of Electronics Communication Engineering, or become an entrepreneur
- ◆ Graduate will have strong fundamental knowledge in specialized areas of Electronics and Communication Engineering to contribute towards research and developments through paper publications, projects and pursue higher studies in their specialized fields.
- ◆ Graduate shall learn all interpersonal skills and inculcate sense of social responsibilities and environmental concerns so as to make them good leaders and citizens.

## PROGRAM SPECIFIC OUTCOMES (PSOs)

- ◆ Students will have proficiency in grasping fundamental principles of Electronics and Communication Engineering and effectively applying them across diverse domains, including Semiconductors, Communications, Signal Processing, Antennas, Networking, VLSI, Embedded Systems, and becoming adept in the latest tools and methodologies employed in both research and industry
- ◆ Student will foster critical thinking to evaluate engineering issues pertinent to Electronics Communication Engineering through the cultivation of profound expertise and skills in the realms of fundamental sciences, engineering mathematics, and core engineering principles, enabling the resolution of intricate engineering dilemmas.
- ◆ Graduate shall learn all interpersonal skills and inculcate sense of social responsibilities and environmental concerns so as to make them good leaders and citizens.

*STALWARTS*  
OF BPIT

SHRI ATAM PRAKASH KAUSHIK (CHAIRMAN)  
PADMA SHREE SHRI SURENDER SHARMA (VICE-PRESIDENT)

SHRI RAM BABU SHARMA (GENERAL SECRETARY)

SHRI SHAMBHU SHARMA (SECRETARY)

SHRI SANJEEV SHARMA (TREASURER)

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PROF. Y D GAUR (EXEC. DIRECTOR)

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MR. JATIN GAUR (ASST. PROF, ECE)

*STUDENT*  
EDITOR

ADITI SHARMA

## ELECTRONICS AND COMMUNICATIONS ENGINEERING DEPARTMENT AND ITS SOCIETIES



INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) BPIT IS A PROFESSIONAL ORGANIZATION DEDICATED TO ADVANCING TECHNOLOGY FOR THE BENEFIT OF STUDENTS. IEEE BPIT HAS SEVERAL OBJECTIVES, INCLUDING:

- IEEE BPIT PROMOTES TECHNOLOGY ADVANCEMENT BY DEVELOPING STUDENT MEMBERS THROUGH EDUCATIONAL EVENTS LIKE CONFERENCES AND WORKSHOPS.
- IT EMPHASIZES ETHICS AND PROFESSIONALISM, ENSURING INTEGRITY IN TECHNOLOGY DEVELOPMENT.
- IEEE BPIT FACILITATES COLLABORATION, NETWORKING, AND INDUSTRY CONNECTIONS FOR STUDENTS, ENHANCING THEIR OPPORTUNITIES FOR GROWTH.



THE MINISTRY OF EDUCATION, GOVERNMENT OF INDIA, LAUNCHED THE MOE'S INNOVATION CELL (MIC) TO INSTILL AN INNOVATION CULTURE IN HIGHER EDUCATION. MIC FOSTERS CREATIVITY AMONG STUDENTS BY SUPPORTING THE CREATION OF INSTITUTION'S INNOVATION COUNCILS (IICS) IN SELECTED HEIS, PROMOTING INNOVATION AND ENTREPRENEURSHIP ON CAMPUSES.



# FACULTY ACHIEVEMENTS

- FACULTY MEMBERS HAVE 09 SCI INDEXED JOURNAL PUBLICATIONS, 14 SCOPUS INDEXED CONFERENCE PUBLICATIONS AND ONE BOOK CHAPTER PUBLICATIONS.
- DR. SANDEEP SHARMA HAS BEEN AWARDED PHD DEGREE AT JAMIA MILIA UNIVERSITY. THREE OTHER FACULTIES HAVE SUBMITTED THEIR PHD THESIS.
- MS. MEGHA AGARWAL RECEIVED "PREMIER AND COMMENDABLE RESEARCH" AWARD FOR HER SCI RESEARCH PAPER AT IGDTUW ALONG WITH A CASH AWARD OF RS. 25000/-
- TO PROVIDE OPPORTUNITIES TO THE STUDENTS TO EXCHANGE VIEWS AND OPINIONS, EXPOSE THEM TO CURRENT TRENDS AND DEVELOPMENTS IN THE FIELD, INTERACTIVE SESSIONS WERE ORGANIZED BY THE DEPARTMENT. THE DEPARTMENT ORGANIZED 3 SEMINARS, 2 FDPS, AN EXPERT TALK AND A SESSION OF ALUMNI INTERACTION DURING THIS SESSION.
- "CENTRE OF EXCELLENCE" A TIE UP WITH PINE INNOVATIONS WAS INAUGURATED ON 11TH SEPT 2021. THE KEY AREAS OF TRAINING ARE VLSI AND EMBEDDED SYSTEMS. "AKSHAY GIRI" IS THE FIRST STUDENT WHO GOT PLACED AND BENEFITTED THROUGH THIS.

## PLACEMENT CORNER

- SAHIL ARORA (40720802818) - 3 PILLOR GLOBAL, 5 LPA.
- AYUSH BUDHANI (01120802818) - BYJU'S, 10 LPA.
- SHUBHAM KUMAR (05720802818) - COGNIZANT, 4 LPA.
- MANSHI GUPTA (03020802818) - CONDECO, 7.5 LPA.
- NIHARIKA MAHESHWARI (03320802818) - CONDECO, 7.5 LPA.
- YOGENDER YADAV (00220807319) - CONDECO, 7.5 LPA.
- HIMANSHU KAUSHIK (35220802818) - CONDECO, 7.5 LPA.
- SARIKA MISHRA (05220802818) - HASHEDIN, 7.84 LPA.
- ALISHA SINGLA (40220802818) - HASHEDIN, 7.84 LPA.
- TANU (06420802818) - LIDO, 10 LPA.
- GARVIT AGGARWAL (01020807319) - TCS, 3.36 LPA.
- VASU ARORA (42820802818) - TRAVCLAN, 10 LPA.
- DEEPAK KUMAR (75120802818) - WIPRO, 3.96 LPA.
- HARSHIT BAURAI (02020802818) - XORIENT, 5.5 LPA.
- MAYANK JAIN (40620802818) - ZS ASSOCIATES, 10 LPA.
- INSHIRAH ZAINAB (42620802818) - ZS ASSOCIATES, 10 LPA.

# EVENTS

THE ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT AT BHAGWAN PARSHURAM INSTITUTE OF TECHNOLOGY (BPIT) HAS BEEN BUSTLING WITH TECHNICAL EVENTS AND PROFESSIONAL DEVELOPMENT ACTIVITIES, A FEW HIGHLIGHTS:

- Inauguration of Center of Excellence (CoE) (21.09.2021):** A new initiative by the ECE department to train students for opportunities in VLSI and semiconductor industries, inaugurated by Prof A K Tandon, focusing on industry readiness.
- Technical Talk on Entering Semiconductor Industries (23.09.2021 and 28.09.2021):** Sessions for 3rd and 2nd year students introducing them to semiconductor industries, featuring Mr. Vaibhav Mishra from PinE Innovations.
- FDP on Image and Embedded Processing (04.10.2021 to 08.10.2021):** Training faculty on image processing and embedded systems, with insights from Dr. Amod and Dr Kanika NITTTR, Chandigarh.
- Expert Talk on Career and Entrepreneurship in VLSI Industries (14.10.2021):** Mr. Miland Saxena shared career insights, motivating ECE students to explore opportunities in VLSI.
- Expert Talk on Drones/RC Planes (23.10.2021):** Mr. Gitesh Kumar discussed the emerging field of drones and RC planes, inspiring students to engage in related projects.
- FDP on Applications of Embedded System (22.11.2021 to 26.11.2021):** Faculty trained on embedded systems applications by Dr. Kanika Sharma and faculties of NITTTR, Chandigarh.
- Alumni Talk on Placements Pathway (11.12.2021):** Mr. Mehul Narang, an alumnus, shared insights on career paths post-college, providing guidance to current students.
- Technical Event on Artificial Intelligence (19.03.2022):** Highlighted advancements in AI and its scope in research, with insights from Sh.R.K Singh, ICT & Broadcast Media Consultant, Doordarshan.



INAUGURATION OF CENTER OF EXCELLENCE



ENTERING SEMICONDUCTOR INDUSTRIES: TECHNICAL INSIGHTS

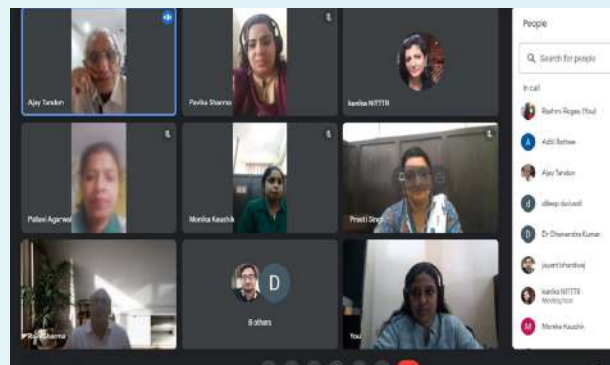
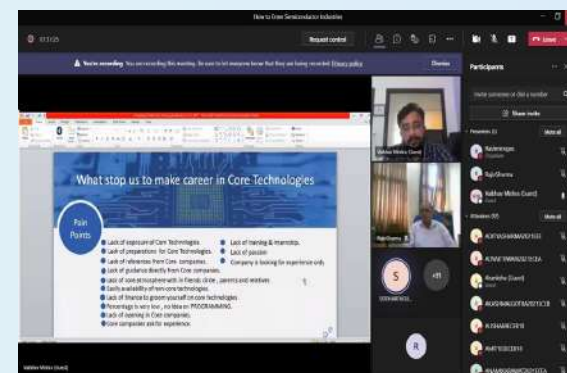
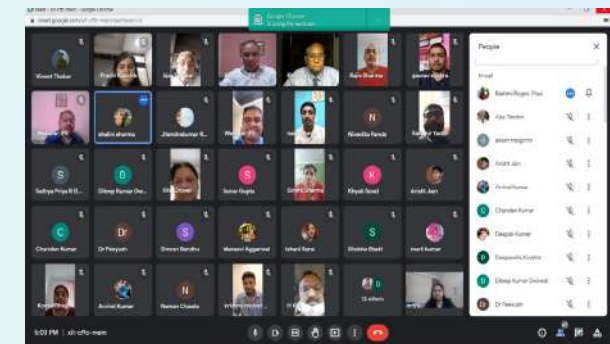


IMAGE & EMBEDDED PROCESSING FDP



CAREER & ENTREPRENEURSHIP IN VLSI: EXPERT INSIGHTS



TECHNICAL EVENT ON ARTIFICIAL INTELLIGENCE



## PLACEMENT PARTNERS



## STUDENTS ACHIEVEMENTS

- ANJALI JAIN (BATCH 2016) AND CHESTA SHARMA (BATCH 2017) SECURED SECOND RANK IN GGSIP UNIVERSITY.
- 93 OUT OF 109 ELIGIBLE CANDIDATES FROM THE DEPARTMENT WERE SELECTED IN REPUTED COMPANIES DURING CAMPUS PLACEMENTS, WITH THE HIGHEST PACKAGE AT 44 LPA AND AN AVERAGE PACKAGE OF 8.45 LPA.
- MAUSAM KUMAR MISHRA AND HIS TEAMMATE PLACED IN THE TOP 10 TEAMS IN THE "MICROSOFT FIX-A-THON 2.0" NATIONAL LEVEL HACKATHON AMONG 11,000+ PARTICIPANTS.
- SANJAY JOSHI SECURED 183RD RANK OUT OF 9500 CODERS IN THE "HACKCBS" CODING COMPETITION.
- MAUSAM KUMAR MISHRA RECEIVED THE "BEST CAMPUS AMBASSADOR AWARD" FROM ISAC AND AN AMAZON COUPON WORTH RS. 15,000.
- MANASVI AGGARWAL WON THE THIRD PRIZE IN AN ESSAY WRITING COMPETITION AT GGSIP UNIVERSITY.

## QUOTE OF THE MONTH

"THE ONLY WAY TO DO GREAT WORK IS TO LOVE WHAT YOU DO."  
-STEVE JOBS