Parivartan

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY

MESSAGE FROM EVP, NIET GREATER NOIDA

I am pleased to begin my duties as **Executive Vice President** of NIET. Science and Technology are ever growing dimensions of human life. To separate it from our daily lives has become virtually impossible. NIET has always been dedicated in its efforts in bringing the same dynamism into lives of every student.

For the same, the Institute has set up seven new labs for the better learning of its students viz. **Internet of Things using Raspberry Pi, Mobile Application Development on Android Platform, Cloud Computing, Big Data Systems, Embedded Systems, Product Design and 3D printing, and Clinical Research & Bio-informatics**. This has been done to facilitate education, and outreach the study of engineering within a broader technological and interdisciplinary context. These seven innovation labs are dedicated to the technical advancements of knowledge in order to prepare students as per the latest industry requirements. The Institute is also encouraging students for Entrepreneurship and has set up a **Technology Business Incubator**. This nurtures Technology Entrepreneurship Development for commercial exploitation of technologies developed by the entrepreneurs, promotes product oriented research and development, encourages development of indigenous products and packages and bridges the gap between R&D and commercialization. It has been approved by **DC-MSME**, **Ministry of MSME, Govt. of India** to provide financial assistance to innovators and entrepreneurs for bringing innovations and ideas to life which will create economic opportunity and jobs for the country. We look forward for giving our best in shaping the careers of students and making them the leaders of tomorrow, in companies across the world.

Vision of the Department

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

To become dynamic and vigorous knowledge hub with an exposure to state of art technologies for connecting world.

To train students to take up innovative projects in group with sustainable and inclusive technology relevant to the industry and social needs.

To provide in depth knowledge of Electronics and Communication Engineering ensuring the effective teaching learning process.

To train students to take up research projects in group employing sustainable and inclusive technology relevant to the industry and social needs.

Empower students to become skilled and ethical entrepreneurs.

To promote and adapt professional development in a perpetual demanding environment and nurture the best minds for the future.

Program Educational Objectives (PEOs)

PEO-1: To have excellent scientific and engineering breath as to comprehend, analyse, design and solve real life problems using state-of-the-art techniques.

PEO-2: To lead a successful career in industries or pursue higher studies or entrepreneurial endeavours.

PEO-3: To effectively bridge the gap between industry and academics for effective communication skill, professional attitude and a desire to learn.

Event organized by ECE Department

1	Internet of Things Using Raspberry Pi	CMC Department
2	Embedded System	CMC Department
3	Cloud Computing	CMC Department
4	Big Data & Analytics	CMC Department
5	Japanese Language Training	CMC Department
6	IMS Training	CMC Department
7	Mobile Application Development on Android Platform	CMC Department
8	High Resolution Parameter Detection	ECE Department

Research Papers Published by ECE Department

1. Paramita Saha, Anshuman singh, Vijay kumar Pandey, Binod kumar kanaujia, Mukesh kumar khandelwal, "Design and Analysis of UWB Circular Ring two element microstrip Patch antenna array with notched band for modern wireless communications " Microwave and optical technology Letters Vol. 57, no. 9, pp. 2067 – 2071. Sep. 2015.
2. Ghazali, A.N., Sazid, M., Pal. S, "Compact Broadband balun – based UWB – BPF with minimum insertion loss and sharp selectivity" IET Electronics Letters Vol. 51, no. 15, pp. 1174 – 1175. Jully. 2015.
3. Surya Deo Choudhary, "Model Developed for single and coupled microstripline structure useful for the study of reflection & transmission Co – efficient and Losses in Microstrip Line" Elixir Elec. Engg. 88 (2015), pp. 36535 – 36538.
4. Yogendra Kumar, G. S. Tripathi, "Design and Optimization of M- shaped Microstrip Patch Antenna"International Journal for Scientific Research & Development| Vol. 3, Issue 08, 2015.
5. Priyanka Verma, J.Selvakumar "A Novel Low Power Hybrid Clock Gating Techniques for High Frequency Applications-Power and Area Analysis" Middle East Journal of scientific Research Vol. 23, Issue 7, pp 1398-1403, 2015.

Placement Details

S NO.	COMPANY NAME	BRANCH
1	TCS	EC
2	GENPACT	EC
3	AFFORDA TECHNOLOGIES	EC
4	MPHASIS (HP COMPANY)	EC
5	DEL INTERNATIONAL	EC
6	I-ENERGIZER	EC
7	KINGSWELL TELECOM	EC
8	ACCENTURE	EC
9	HCL TECHNOLOGIES LTD.	EC
10	IYOGI	EC
11	S&C ELECTRIC COMPANY	EC
12	INDIAN NAVY	EC
13	POLARIS FINANCIAL TECHNOLOGY	EC
14	P&S MARKET RESEARCH	EC
15	SOFCON INDIA PVT LTD.	EC
16	ARTECH INFOSYSTEMS PVT. LTD.	EC
17	ERICSSON	EC
18	ARICENT	EC
19	JPM PVT.LTD	EC
20	SMV GROUP	EC
21	CAPGEMINI	EC
22	HCL BSERV	EC
23	INDIAMART INTERMESH LTD.	EC
24	TOLEXO .COM	EC
25	ESSEL SHYAM COMMUNICATION LTD.	EC
26	XAVIENT INFORMATION COMMUNICATION	EC
27	AHEAD	EC
28	INDIAN ARMY	EC
29	CSS CORP PVT LTD.	EC
30	GUARDUS JOCKS SECURITY PVT. LTD.	EC
31	SAHARA COMPUTERS	EC
32	EFFECTUAL SERVICES PVT LTD.	EC
33	BDS DIGITAL TECHNOLOGY & SOLUTIONS	EC
34	SECURENS SYSTEMS PVT LTD.	EC
35	MSAI	EC
36	UNICOMMERCE ESOLUTIONS PVT LTD	EC
37	TATA BUSINESS SUPPORT SERVICES	EC

Students's Testimonial

"RICHA VERMA"

It was a proud moment being a part of TCS because of the reason that it would deliver quality. And the interview rounds were great, not being a typical one.

PRATISHTHA MISHRA"

I would like to thank my entire department for their unconditional support and faith which was so high that motivated me to get through my first company TCS. I am glad to have such motivated faculties and hardworking staff for placement department who were continuously with us and cheered us through out the process.

Getting in the TCS is a privilege and an opportunity to achieve more. Special thanks to our HOD sir. MR. Jitendra Saroj, Mr. Vishal and last but not the least Mr. Raman Batra for wonderful motivating lectures which literally helped all of us.

"SHIVAM SHARMA"

The dedication, support and motivation of each of the EC department is remarkable and enable students like myself to achieve their dreams. With the help of you all I am now placed in TCS, which is my dream job! For that I will forever be indebted to you.

Asia's best Education Institute 2014 15 by WCRC Leaders at Singapore

Best Placements 2014

Best Placements Award by Hangout.com - 2013