THE ECE TELLER

Electronics and Communication Engineering Department

Our accomplishments and achievements...

JANUARY'2018

Our Alumni...

We are proud to announce that **G. Katyasri Sai** of Batch 2013-2017 got placed in **TATA Elxsi**, Bangalore. She is currently working in the Automotive Business Unit of the organisation. We congratulate her for her success.

We are proud to announce that Jitendra Jha of Batch 2012-2016 got placed in Kalindee Rail Nirman Engg. Ltd. as System Engineer.

Smart Tech-2018, Springer

Int'l Conference on Smart Technologies in the

Ms. Khushboo presented the paper Reduction of PARP of OFDMA in LTE on 11th and 12th January of this year at Delhi Technical Campus, Greater Noida. The chief guest for the event was Prof. A.P. Mittal, Member Secretary, AICTE.
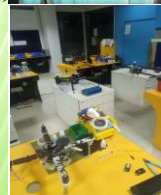
Placed...

Nishant is currently working with the **TechnoGear.in Pvt. Ltd.**

About **TechnoGear.in**: **TechnoGear.in** is an indian technology company with its key expertise in the field of drones/UAVs. TechnoGear.in holistically covers all aspects of 3D mapping, inspection, surveying, thermal imaging etc. with comprehensive exterprise solution.

★ Start Up...

Inspiration behind *M2R TECHNOMATIONS*
If you've spent days, weeks, or months teaching yourself how to do a difficult task, you'd probably be the first one to speak up if somebody had any questions, or was wondering where to start. This led to share my technical knowledge with due guidance to the students during college days. This heightened my passion for technology that took a level when I automated my room which turned out to be a massive success. The thought of being able to generate employment opportunities and stimulating economic development of the country instilled my idea of a start up even more firmly thus giving rise to the M2R Technomations.

About **M2R Technomations**:
M2R Technomations is an electronics and hardware based start-up where we automate electronic and electrical devices for a fluid life with a vision to spread technology in each and every corner of the country and be made easily accessible and even more easy to use. We provide quality driven tailor made solutions to

In June, 2015, we began our journey to showcase our capabilities in electronics, robotics, Artificial Intelligence, Machine Learning, Internet of Things in Indian Market in order to decrease the dependency of Indian Vendors for technology Advancement and Development on Chinese or other country markets.

Nipun Sachdeva, Founder

Congratulations

Rohan Rustagi, Stuti Jain, Yachika Singh, Akshay Bhagchandani, Yashasvi Mittal got selected in the placement drive conducted by **Think & Learn (Byju's)** on 28th December 2018.

Diyansh Gupta, Divyank Gupta, Akshay bhagchandani, kunal bansal, saumya bansal, Lovish Mallik, Shaury Gupta, Navneet Kumar Jha, got selected in the placement drive conducted by **Infosys** on 30th October 2018.

Abhinav Jha, Prachi, Vishwashish Jha got selected in the campus placement drive conducted by **Bravura** on 12th January 2018.

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FEBRUARY'2018

Our Alumni...

We are proud to announce that **Dikshit Soni** -The former Hospitality Head of IEEE-NIEC of Batch 2013-2017 got placed in got placed in **WUNDERMAN MSC**, Gurugram as a **WEBSITE PUBLISHER** in the organisation. Dikshit was also a keen cricketer. He captained the college cricket team in 2017 and also played as a senior member in the IP UNIVERSITY cricket team for two consecutive years.

We are proud to announce that **Ankit Aggarwal** of Batch 2012-2016 got placed in **Bharat Electronics Ltd.** as **Networking Engineer**. Assembling all the hardware like CISCO switches, patch panel, SAN switches, disk array enclosure, RCMS server etc.

New Concept - Workshop on Virtual Lab

A workshop on virtual lab was organised in Department of ECE on 8th February 2018 in the auditorium. It was attended by the faculty members of the department and 220 students. Mr. Prateek Sharma and the team from IIT Delhi gave an introduction of the various labs that are available online on the website of virtual labs.

The team briefed about the experiments online by reading theory and procedure given on the website. Results of experiments and performance can also be evaluated.

★ Start Up...

When I passed out of NIEC in 2014, I started my own business and currently into 4th year of my business.

Our company, Tech Labs India, deals in various CAD/CAM machines like 3D Printers, Laser Engravers/ Cutters , CNC Routers//Engravers, UV Color Printers and many more. Our aim is to provide India with latest technology and technological solutions.We are major providers for Fab Lab/Makerspace Equipment for educational institutes and training institutes, schools, colleges and industries like signage,mechanical, automobile etc across India and surrounding countries to provide them with unique solutions as per their requirement.

Congratulations

Heartiest Congratulations to **Dr. Rajiv Sharma, HOD, ECE Department** for his publication of paper titled **"An Improved multimodal medical image fusion algorithm based on fuzzy transform"** in Journal of **Visual Communication and Image Representation"** by **ELSEVIER.**

Smart Tech 2018, SPRINGER

Ms. Richa Malhotra and **Ms. Swati Juneja** has presented a paper **"Reduction of PARP of OFDMA in LTE"** on 11th and 12th January 2018 at **DTC**, Greater Noida.

We strongly encourage Maker Movements, setting up of Fab Labs, Hackerspaces around India which promotes innovation, realizing design ideas, manufacturing and constant learning. This resonates very well with our PM's motto of Make In India.

Time spent in NIEC ECE Dept was really inspiring for me, especially because I was taught and guided by some really brilliant teachers who are wonderful humans as well like Amrita Ma'am, Gaurav Sir, Dhananjay Sir,Anupriya Ma'am and Jatin Sir. They have given great insights and inputs to me throughout and has been really helpful to me.

Jaimin Upadhyaya, Founder

Our Pride

We proudly announce and congratulate the following students for getting placed!

Jatin Sharma
Bhawana Goel
Rahul Pandey

CapitalVia

Aditi Sharma
Rahul tripathi
Talib Khan
Ankush Kumar

nestaway

Congratulations

WE take pride in announcing that some students from **ECE Department** participated in an event organised by AMITY UNIVERSITY,Greater Noida and bagged the **4th position** amongst 54 teams from different universities. The participants are Gaurav Kulshrestha, Shantanu Singh, Devyansh Kansal and Fahad Ali made a "**Smart Solar Hydroponics System**", which is a subset of hydroculture, the method of growing plants without soil, using mineral nutrient solutions in a water solvent and light using Solar Panels.

Seminar On Future Career Option

Mr. Akshat Agarwal, Data & Renewals Specialists, Abode Systems, Noida, on 6th March 2018, gave an outlook on the present Education system and Industry expectations, Importance of Internships, Future career options(Business and Management) which students can have at hand.

He also guided students how to enhance the skills for their career growth and make them ready for the corporate world.

Innovative Day IEEE

A session on possible prospects of designing innovative projects was organized by students and IEEE NIEC Society in the VLSI Lab of the department. Students were explained about how theoretical knowledge could be applied practically in their interest areas. Members of IEEE NIEC explained various contemporary concepts like Internet of Things, Embedded Systems, Microcontrollers, Microprocessors, Robotics, etc

INDIACom-2018 5th International Workshop of Information Engineering and Management

INDIACom-2018 the 5th International Workshop of Information Engineering and Management (IWIEM 2018) was held at Bharati Vidyapeeth, New Delhi (INDIA). The conference provided a platform for technical exchanges within the research community and encompassed regular paper presentation sessions, invited talks, key note addresses, panel discussions and poster exhibitions. Our faculty members **Ms. Tanupreet Sabharwal** and **Ms. Shilpa Jain** presented research papers on "**Facial Marks for enhancing facial recognition after plastic surgery**" and "**Comparison of Kotlin and Java for Android Application Development**" respectively.

Our Pride

We proudly announce and congratulate the following students for getting placed!

Anu Esthapanose
Kabita Singha
Prateek Gandhi
Shubharth Jain
Rajat Sachdeva
Priyank Tiwari
**Aditya Vikram Chakravarti**

Ankit Kumar Mishra
Ranjan Kumar Das
Kabita Singh
Vrinda Goyal
Rahul Tripathi

Industrial Visit

The second year students accompanied by Mr. Manoranjan Kumar and Mr. Harsh Kumar, were taken for an industrial visit to '**Yakult Danone India (P) Ltd.'** Sonepat, Haryana. The visit started with the presentation by the company, students taken about the factory, were explained each and every minute steps in the process of manufacturing of the probiotic health drink, starting from the germinating of the *Lactobacillus casei strain Shirota* (LcS) bacteria to enlarging it to the desired production and keeping a close eye on the quality control to the packing and packaging of the final product were shown to the students.
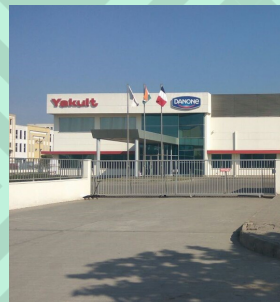
Everyone participated with enough zeal to make the visit interactive & gained maximum knowledge during the visit.

INDIACom-2018

INDIACom-2018 the 5th IWIEM was held at Bharati Vidyapeeth, New Delhi. The conference provided a platform for technical exchanges within the research community and encompassed regular paper presentation sessions, invited talks, key note addresses, panel discussions and poster exhibitions. Our faculty members **Ms. Neha Gupta**, **Ms. Suman Arora** and **Ms. Pooja Mehendhiratta** presented research papers on "**Brain Computer Interface**", "**Comparison between different line coding formats using Power Spectral Density**" and "**Brain Gate Technology**", respectively.

EINT 2018, JNU

Ms. Madhurima presented a paper in International conference on Nanotechnology titled **"Circular Polarised Monopole Antenna for K band Application"** at Jawaharlal Nehru University, Delhi.

Manasvi Grover
Maninder Bir Singh Gulshan

Information and Communication Technology (ICT)

Mr. Kamal Singh, Assistant Professor, ECE Dept. presented a paper "**Impact of ICT Integration for Improving the Teaching and Learning Process: Its opportunities and challenges**" at One Day **Interdisciplinary national seminar** on "**Teacher Education in India Scope and Challenges**" held on 22/04/2018 at MDU Rohtak.

Congratulations

Mr. Gourav Verma, Assistant Professor, @ Department of Electronics and Communication, ADGITM for being published a paper namely,
A Novel Thermoelectric energy harvester for Wireless Sensor Network Application in **IEEE Transactions on Industrial Electronics**.
Impact Factor : 7.05

Alumni Testimonies

The four years I spent in college were really great and I got to learn a lot. Great learning environment, exposure and professors taking professionalism to a new level. These were the most impactful and memorable years of my life.
- **Athar (Captain, Indian Army)**
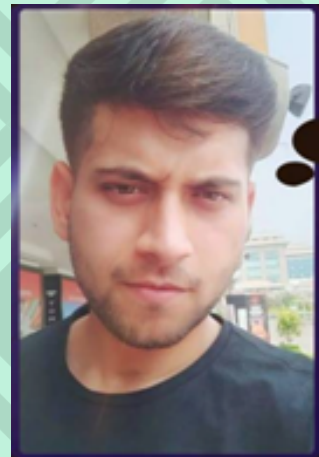
My college life has been a wonderful journey, it has not only given me technical knowledge but also instilled in me a sense of humanity, love and compassion.
- **Ruchika**
  NOC Engineer at Airtel

The ECE Teller

Improving the Quality of Technical Education through NBA

Mr. Devraj Gautam, Assistant Professor, ECE Department attended a Short Term Training to improve the quality of technical education through NBA. It was conducted at AIACT&R (Ambedkar Institute of Advanced Communication Technologies and Research) from 11/06/2018 to 15/06/2018. The aim of FDP was to learn the process how to improve the quality of technical education through **NBA (National Board of Accreditation)**.
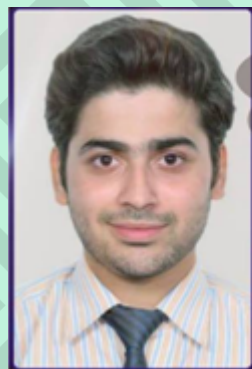
Congratulations

NIEC has a special place in my career as it nurtured and prepared me for the professional endeavours I had to take on. I am thankful to the professors and lab assistants who helped me be where I am today
-Apramey Mishra
Data Analyst, Studypad.INC

Our Pride

We are proud to announce the presentation of a paper on **'Analysis of the effect of bias current on performance of MOS current mode logic circuits'** by our student Antariksh Sharma at HMRITM. Delhi.

Faculty Research Fellowship Program

We are proud to announce that Ms. Mohina Gandhi AP ECE Dept. attended a Summer Faculty Research Fellowship Program at IIT, Delhi for 8 weeks (23/05/2018-13/07/2018).

Maninder Bir Singh Gulshan
Priyansha Chichra
Manasvi Grover

Congratulations

Ms Khushboo, A.P., ECE Dept. presented a paper titled "Comparison of two Design Methods of Triboelectric Nanogenerator for Building Efficient Energy Harvesting and Storage " and got the best paper award in International Conference on Manufacturing, Advance Computing, Renewable Energy and Communication (MARC 2018) on 19-20July 2018 at HMR Institute of Technology and Management.

Testimonials

I still remember my first day in NIEC, unsure of how my journey going to be carved in this institute.This institute has not only helped me to develop a diverse technical and conceptual sense of my subject but has also taught me to believe in myself. It has taught me to embrace challenges. Today I work at Bravura Solutions LLP, a company that majorly specializes in wealth management and life software product and solutioning and I thank NIEC for providing me with this opportunity.
**Prachi
(2014-18)**

Our Pride

Ms Khushboo, A.P., ECE Dept. attended a FDP on Internet of Things for Emerging Engineering Applications on 23rd-27th

2018 at VIPS, Pitampura, Delhi. This programme included extensive hands-on lab emphasizing the demonstration and application of techniques and skills.

In house summer training

An inhouse summer training was organised for the ECE Depatment students on the topic **Internet of Things on Raspberry Pie** for a time period of 15 days starting 27 June by **Sofcon India Pvt. Lmt**. The Internet of things (IoT) is the network of physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, actuators, and connectivity which enables these things to connect, collect and exchange data, creating opportunities for more direct integration of the physical world

**Maninder Bir Singh Gulshan
Priyansha Chichra
Manasvi Grover**

Workshop by NITTTR

A "**FDP on Self Configured Wireless Sensor Network**" by NITTTR Chandigarh was organised on 30/07/2018 - 03/08/2018 at the **VLSI Lab of Dept. of Electronics & Communication Engineering.**

Seminar On Career Options

A session was organized at ADGITM 2nd year B.Tech students, more than 150 Students on 13th August, 2018.

Mr. Akshat Agarwal, Data & Renewals Specialist, Adobe Systems Noida and the topic was "future career option".

Golden rules of Interview

A Lecture was organised by **ECE Dept. at Auditorium** for ECE students on 27/08/2018. Aim was to educate the students about the Interview strategies by the Speaker Mr Hriday G.S. Founder Director, AnkGanit Solutions Pvt. Ltd, Delhi.

Our Pride

We proudly announce and congratulate the following students for getting placed!

Stuti Jain
Ankush Kumar
Rahul Kumar Thakur
Prachi
Rahul Tripathi
Kabira Singha
Vwaswan Singh Bhaduria

indiamart

redcarpet

vivo

BYJU'S The Learning App

nestaway

CapitalVia

Calcom Vision Ltd.
ISO 9001:2008 Company

Maninder Bir Singh Gulshan
Priyansha Chichra
Manasvi Grover

Machine Learning is the new trend!

ECE department successfully organised the Machine Learning workshop on 13/08/2018 at Auditorium. It was organised in collaboration with Coding Ninjas, one of the best programming institutes in Delhi. Aim was to educate students about what is machine learning and how can it help the students to develop innovative projects.
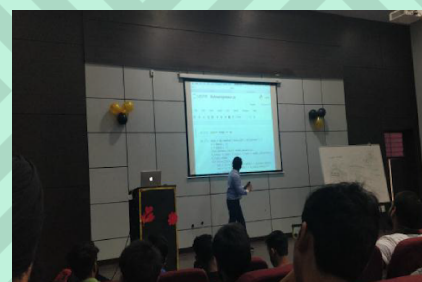
"How to Chart the Research Work"

Workshop on "How to Chart the Research Work" was attended by our faculty Mr. Kamal Singh at IBS Gurgaon , IDPL Complex, Old Delhi Gurgaon Road Dundahera,Gurgaon on 28/08/2018.

PCB Designing Workshop

A PCB workshop for students was organised in Auditorium ADGITM on 20-21 August 2018 by ECE Dept. The Aim was to educate students about PCB designing is and its applications. Speaker was Mr Nipun, Sr. Engineer, M2R Technomation LLP.

Alumni Speaks

I took admission in the college in 2nd year as a Lateral Entry. I did not find any problem settling myself in the college. At every moment of difficulty or doubt, the teachers were always there for us. The doors of HOD sir and even Director Sir are always open for the students. I had a great experience during these years in the college and finally got placed in Nestaway. I am proud to be a part of this college.

Talib Khan
ECE 2014-2018

Alumni Talk Session

The workshop was conducted on 16/10/2018 and coordinated by coordinated by Ms. Khushboo Verma and Ms. Shruti Awasthi under the supervision of Prof.(Dr.) Rajiv Sharma, Head, ECE department for the 3rd year students of ECE. It provided the opportunity to meet successful alumni and inspired students towards achieving their dreams and goals.

FDP on Embedded System Design

To enhance the knowledge and skills of the teacher in state of art technologies in Engineering Domain, a workshop was conducted by the ECE Department, ADGITM in the VLSI lab from 17th to 21st September. The workshop was funded by NITTTR Chandigarh (MHRD, Govt. Of India) .The program aimed to impart knowledge on Embedded System Designs to teachers of technical institution.

Technorax v-4.0

A 2- day(11-12/10/2018) event was organized by IEEE ADGITM on the auspicious occasion of IEEE Day. The participants from different colleges showcased their talents by their projects and were awarded for their hard work and their efforts that they gave for making their respective projects which would actually be helpful for the students who attended it.

Basic Electronics and Arduino Interfacing Workshop

A two day workshop was conducted by the 3rd year students for the first year students of the ECE department was held on 8th and 9th October, which aimed at educating them about Basic Electronics and Arduino Interfacing and its applications. Student Coordinators gave hands on demonstration about prototyping and interfacing the Arduino microcontroller and also helped the first year students realize the concepts of basic electronics.

WIE Tech Open Project Presentation

An event was organised on 06/09/2018 by the WIE (Women In Engineering) wing of IEEE ADGITM. They were awarded their participation certificates by the guests of the event, Honourable Director,Prof.(Dr.) Sanjay Kumar, CEO of our prestigious institute, Shri S.N. Garg and HOD of ECE department, Prof.(Dr.) Rajiv Sharma.