

## INSIDE

- Students Achievements/start Ups
- Website & App Development
- Achievements / Awards
- Entrepreneurship
- Hackathon 2019
- Waste Management Winners

### BIOTECHNOLOGY ENGINEERING

- Technical Session, Oral Presentation
- Poster Making Competition
- Token of appreciation

### CIVIL ENGINEERING

- Research • Courses
- FDP and Workshops • Visits
- Placements and Achievements

### COMPUTER SCIENCE AND ENGINEERING

- Workshop
- Seminar
- Industrial Visit
- FDP
- Mooc
- Highlights
- Mock Interview
- Placement News
- Presentation

### ELECTRONICS & COMMUNICATION ENGINEERING

### ELECTRICAL & ELECTRONICS ENGINEERING

- Placement News

### MECHANICAL & AUTOMOBILE ENGINEERING

- Placement News
- Industrial Visits
- Guest Lectures
- Faculty Achievements
- Faculty Achievements

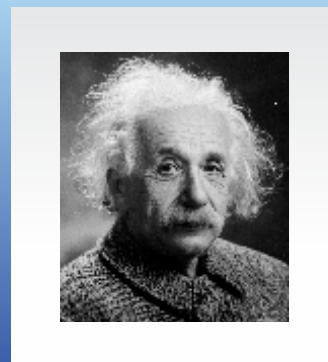
### EDITORIAL TEAM

## INSPIRING QUOTE

“

*Education is what remains after one has forgotten what one has learned in school.*

”



**Albert Einstein**

Theoretical Physicist



## FROM DEAN'S DESK



“

*The best way to predict **the future is to create it.***

”

### ***Dear Readers,***

It is always good to know the success stories from people around us to keep us motivated on our path of success. SET has seen quite a few achievers who can bring cheer to Sharda university family and set milestones for others to achieve. Hence, here I am feeling immense pleasure in sharing with you the information of various student's activities and faculty achievements of SET for the period of December 2018-February 2019. Main highlight of this period are entrepreneurship, placements, and skills. Advanced technology changes the way we work and the skills we need, but it also boosts productivity and creates new jobs. One of our students Mr. Jithin Palepu, studying in Electronics and Communication Engineering, 2nd year, has established a private company called 'MECHAGEN Robotics Pvt Ltd'. The motive of the company is to provide customized prosthetics to the needy people, R&D Training in the field of AI and Robotics

As once said by Steve Jobs: "Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to love what you do". Final year students from B.Tech. Computer Science Engineering, Mr. Rohit and Mr. Vishwajeet are working on a web application project named as "onlineao.com" which is an online business dictionary. This project is in collaboration with Larch Soft Pvt Ltd. Their work comprises of web designing & development, Android application development, SEO, SEM, e-Commerce Solution. I appreciate their efforts and wish the team good luck with their endeavors.

"A winner is someone who recognizes his God-given talents, works his tail off to develop them into skills, and uses these skills to accomplish his goals". True on this notation, one of our First year B.Tech. students, Mr. Aditya Singh and team (of Computer Science engineering department) have developed an App named CODEY. Codey currently has more than 500 hot coding problems with its own compiler.

I am happy to share that Mr. Sumit Kumar Singh (of batch 2010-2014, B.Tech. Biotechnology) has started his company named Diosiv Foods Pvt. Ltd, Ghaziabad. Another success story is of Mr. Kargesh Kumar (B.Tech. Biotechnology), who has started a firm named Prominent Scientific, dealing in analytical chemicals and molecular biology products and offering services to the Scientists across the country. I wish these entrepreneurs success in their enterprise.

SET believes that "Engineering or technology is all about using the power of science to make life better for people, to reduce cost, to improve comfort and to improve productivity"; to spread this message and work for society and themselves, many of our final year students have got placed in reputed MNCs like Travel Boutique, Kelly Services, United Health Group and BYJUS Pvt. Ltd. and many more. SET family wishes them a great career ahead.

**Dr. Parmanand, Dean, School of Engineering & Technology**



## **SCHOOLS OF ENGINEERING & TECHNOLOGY**

*High achievement always takes place in the framework of high expectation.*



### **STUDENTS ACHIEVEMENTS/START UPS**

- First year B.Tech. students Aditya Singh & team, of Computer Science Engineering Department School of Engineering and Technology have developed an App named CODEY. Team members are mentioned below:

Codey currently has more than 500 hot coding problems with its own compiler. It has 60+ absolutely free tutorials. Java, Python, C, javascript & many more languages that are required in today's market.

It has its own compute engine where you can make your own repository and organizes its custom hackathons to brush up your brain and public chat rooms for specific problems in programming languages.



**Aditya Singh**, *Developer*

**Siddharth Mishra**, *Content Creator*

**Shubham Jain**, *Content Creator*

**Sandeep Dogra**, *Tester*

**Anubhav Awasthi**, *Promotion*



**Play Store Link:**

<https://play.google.com/store/apps/details?id=aadi.com.firebaseio2>



## WEBSITE & APP DEVELOPMENT

• Final year B.tech. students **Mr. Akshay & Mr. Ramashankar Kumar** of Computer Science Engineering department, School of Engineering and Technology had completed summer internship starting June 4th, 2018, with Indoma Industries pvt ltd, Greater noida, in the field of Android App development.

**Mr. Akshay** worked on customization and implementation of new features in Hisab app (already available on google playstore) and published its new version on google playstore.

**Mr. Ramashankar** developed their whole Website which is currently up and running successfully.



### **Play Store Link:**

<https://play.google.com/store/apps/details?id=aadi.com.firebase2>



• **Mr. Jithin Palepu** studying in ECE 2nd year, SET has established a private company called 'MECHAGEN Robotics Pvt Ltd'. The motive of the company is to provide customized prosthetics to the people, R&D Training in the field of AI and Robotics and bringing the related products/resource on the same platform.

• Second year B.Tech. students **Mr. Palepu Jithin Kumar** and **Mr. Rishabh Kumar** of Electronics Communication Engineering Department School of Engineering and Technology have short-listed and won the final in the Melting pot 2020 innovation summit & achieved Young Innovator award 2019 plus funding opportunities from various national and international companies. They have represented Mechagen Robotics Pvt Ltd, Sharda University, DIIF, in the summit. The innovation is in the field of brain controlled assistive devices.

## ACHIEVEMENTS / AWARDS

Final year B.Tech. students **Rohit** and **Vishwajeet**, of Computer Science Engineering Department School of Engineering and Technology are working on project name as onlineao.com which is web application i.e a online business dictionary. This project is in collaboration with Larch Soft Pvt Ltd. Their work is Web Designing and Development, Android Application Development, SEO, SEM, E-Commerce Solution.







*"Engineering is the closest thing to magic that exists in the world."*



## STARTUPS

B.Tech. students **Mr. Sumit Kumar Singh** (Batch 2010-2014), of Biotechnology Engineering Department School of Engineering and Technology had started his company name Diosiv Foods Pvt. Ltd, Ghziabad.

## ENTREPRENEURSHIP

- B.Tech. students **Mr. Kargesh Kumar**, of Biotechnology Engineering Department School of Engineering and Technology, has started a Firm Prominent Scientific, Co dealing in Analytical Chemicals and molecular biology products and services serving Scientists across the country
- Final year student **Mr. Mohit Srivatava** of Civil Engineering department, School of Engineering and Technology has been offered an admission in MS Wood Science and Engg program at the Oregon State University in US with full funding. The program is ranked no. 1 in US.
- Third year student (IBM) **Mr. Faizan Akhtar** of Computer Science Engineering department, School of Engineering and Technology has been appointed as Google Developer Student Club Lead (DSC-lead) for Sharda University on 25th January, 2019 for the session 2019-2020. He will be getting training from Google Developers and Trainers and will create a Developer community in Sharda University.

*The Dream is free. Hustle is sold Separately.*





## HACKATHON 2019

As part of the Winter Carnival, commemorating the 28th Foundation Anniversary of the GNIDA, Sharda University in association with GNIDA, organized a 24-hour long hackathon titled "Technovation Hackathon" on Jan 26th-27th, 2019. This event brought together almost 400 students from over 30 educational institutions from Delhi-NCR and other parts of the country. The participants worked in small groups of 3-5 students, to solve any thematic problem from any one of the 4 major themes of the event: Waste Management, Security & Surveillance, Smart Transportation & Traffic Management, and Energy Efficiency & Green Energy. Prizes worth 3 lakh were awarded to the winners including the top prize of Rs. 50,000/-.

CEO-GNIDA Shri Narender Bhoosan presided the awards ceremony, accompanied by the Chancellor- Shri. P. K. Gupta & Pro-Chancellor- Shri. Y. K. Gupta of Sharda University. All the dignitaries were all praises for the efforts put together by the participants and more details of several of these ideas have been requested by the GNIDA for potential implementation. The organizing team of the event constituted the Heads of engineering dept., headed by the Dean-SET, & ably supported by faculty, staff & students of SET.



## WASTE MANAGEMENT WINNERS

### First Winner

Team No. 151/Fruit Filter of Sharda University  
(30000/- Rs.)

- PareshRawat, (Collected Cheque on behalf of team)
- VaishnawiWats • AlviraFaitma • Somya Singh

### Second Winner

Team No. 142/Tech Driver of Dronacharya Group  
of Institution (20000/- Rs.)

- DevidNegi, (Collected Cheque on behalf of team)
- Chandini

### Third Winner

Team No. 03/TheRecylo of Sharda University  
(10000/- Rs.)

- NehaKandpal, (Collected Cheque on behalf of team)
- Ritu Rani • ArifSattar • GeetanjaliAnand
- Waish Karan • Vartika Jain







 **BIOTECHNOLOGY ENGINEERING**



Students of Biotechnology (SET) Sharda University interact with Prof. Parma Nand, Dean, SET



National Seminar on Plastic Waste Free India Pandit Deen Dayal Upadhyay Manch, in association with Manyavar Kanshiram Govt. Degree College, Ghaziabad



Pandit Deen Dayal Upadhyay Manch, in association with Manyavar Kanshiram Govt. Degree College, Ghaziabad organized a one day National Seminar on Plastic Waste Free India on January 29, 2019. Students of Biotechnology(SET), Sharda University, Greater Noida participated and won prizes in following categories:-

- Technical Session, Oral Presentation

**I Prize:** Ankit Khugshal & Raksha Anand (Oral Presentation)

**II Prize:** Akshay Kr. Arya,, Hamza Nizamuddin, Aparna Srivastava Rajat Kr. Jha,, Ankit Kumar, Rameez J. Khan, Poster presentation

**III Prize:** Ankita Singh (Oral Presentation)

- Poster Making Competition

**I Prize:** Sovik Chaudhary, Shraddha Sahu, Nancy Gupta, Shubham Srivastava

- Token of appreciation

Dr. Saurabh Kr. Jha (Assistant Professor)

Dr. Pankaj Taneja (Associate Professor) Department of Biotechnology (SET), Sharda University.

The Chairperson, Shri Vinod Sharma (National President of Deen Dayal Smiriti Manch) praised the performance of students. The event was coordinated by esteemed leadership of Prof. Parma Nand (Dean, School of Engineering & Technology, Sharda University) & Coordinated by Dr. Pankaj Taneja (Associate Professor) & Dr. Saurabh Kr. Jha (Assistant Professor) Department of Biotechnology (SET), Sharda University.

- Technovation Hackathon Greater Noida

**I Prize in Waste Management:** Pravesh Kumar, Sonali Sharma, Tushita Bishnoi, Vaishnawi, Alvira Fatima, Somya Singh (Cash Prize - 30000/-)



 **CIVIL ENGINEERING**

## RESEARCH

- Nishant Kumar (Assistant Professor C.E.) & Sunil Saharan (Assistant Professor C.E.) has published a paper on "Time History Analysis of Underground Tunnel", International Journal of Technical Innovation in Modern Engineering & Science (UGC Approved), Vol. 04 Issue 11, ISSN: 2455-2585.
- Megha Gupta (Assistant Professor C.E.) has filed a patent on "A High strength concrete composition".
- Nishant Kumar (Assistant Professor C.E.) & Sunil Saharan (Assistant Professor C.E.) has filed a patent on "Corrosion inhibiting composition and method of inhibiting corrosion of a metallic reinforcement in a concrete structure".

## COURSES

- Chhavi Gupta (Assistant Professor C.E.) has completed a NPTEL Mooc course of 12 weeks on "Design of Reinforced Concrete Structures" conducted by I.I.T. Kharagpur in July to October, 2018.

## FDP AND WORKSHOPS

- Chhavi Gupta (Assistant Professor C.E.) attended one day FDP on "how to plan, Write and submit project proposal" offered by Dr. S. K. Soam, Principal Scientist, ICAR-NAARM, Hyderabad in Sharda University.
- Afreeen (Assistant Professor C.E.) attended International seminar on "Application of reliability and risk analysis to Civil Engineering and beyond" in Jamia Millia Islamia University on 23rd January 2019.
- Dr. Gaurav Saini (Associate Prof. C.E.) & Sunil Kumar (Assistant Prof. C.E.) organized one day workshop on "3D Printing". Speaker for the event was Mr. Sonu Kumar (Business Manager, APTRON Solutions Pvt Ltd). This workshop was organized for B.Tech. Civil Engineering students on 1st February, 2019. The main motto of this workshop was to make students aware about this new technique and a visual model was created to enhance the learning experience of B.Tech. students in 3D Printing.



- A one-day seminar on Self-Defense for female students was organized by Women Security Empowerment cell of UP Police on 25th January 2019. The convener of the event was Prof Dr. Parmanand and Dr. Gaurav Saini was co-convener. Ms Aparna Rajawat (Motivational Speaker and Martial Arts Champion) was the speaker of this event. The event was aimed at providing the Self-defense training to female students. A one-day seminar, followed by optional training was organized by UP Police and Pink Belt Mission for the same. Senior officials of UP Police and Pink Belt Mission addressed the students. Few demo sessions were also held by Aparna Rajawat.







- A national level quiz competition 'CHIMERAX' is organised in Sharda University in association with civil services club on 8th February 2019 in which 97 students has participated from which one team of two students is finally selected for the final round which will be held in Bhopal. The photos of the event are attached herewith.



## VISITS

- One day educational trip was organized for the 5th semester students of B.Tech Civil Engineering, Sharda University on 4th, 5th and 7th February 2019. The students were taken at site in Groups of 4. The visit was to a construction site in Block 4, Sharda University. Dr. Gaurav Saini (Associate Prof. C.E.) was the convener the visit whereas Mr. Nishant Kumar, Ms. Megha Gupta, Mr. Shamshad Alam, Mr. Pallav (Assistant Professor, C.E.) were the coordinators for different groups of students. The objectives of the event were to learn about the reinforcement detailing of structures, to see the various types of formwork used, to study the construction drawing and to learn about the Construction practices used at site.



- One day educational trip was organized for the 1st semester students of M.Tech. Structural Engineering, Sharda University on 8th February, 2019. The visit was to a construction site in Block 4, Sharda University. Mr. Nishant Kumar, Ms. Megha Gupta, Mr. Sunil Saharan (Assistant Professor, C.E.) were the coordinators for the visit. The objectives of the event were to learn about the reinforcement detailing of structures, to see the various types of form work used, to study the construction drawing & to learn about the Construction practices used at site.



## PLACEMENTS AND ACHIEVEMENTS

- Mohit Gupta, Raghwinder, Anamul Haque, Tarun Sharma and Kamran students of B. Tech. Civil Engineering 4th year got placed in OYO Rooms as Project Lead.
- Himanshu Kumar, Gaurav Singh, Bongham students of B. Tech. Civil Engineering 4th year has been selected in Isometric Design Services.
- Prateek Jain, a student of B. Tech. 4th year (Civil Engineering) scored 97.58% in CAT18.
- Anurag Chopra, a student of B.Tech. 4th year (Civil Engineering) qualified entrance exam and got selected in NICMAR, Pune.
- Tshewang Penjor, Mohammad Tahfeem Wani and Furqan Ali participated in Ranbhoomi'19 (Annual Sports Fest of IIM Indore) and received 1st position in the event of Football.



## **COMPUTER SCIENCE AND ENGINEERING**

### **WORKSHOP**

- Department of Computer Science and Engineering, SET has organized a Workshop on IoT & BIG DATA by Dr. Anil Maheshwari on 17th January, 2019 for the students of 2nd year and 3rd year. The main objective of this event is to make students aware about various technologies and trends and to clear their fundamentals.
- Department of Computer Science and Engineering (SET) has organized Two Days Hands-On/Workshop on “Web Development in AWS” on 18th and 19th Feb, 2019.

**Coordinator:** Mr. Sushant Jhingran

**Chief Guest:** Mr. Sachin (AWS Certified)



### **SEMINAR**

- A one-day seminar on Self-Defense for female students was organized by Women Security Empowerment cell of UP Police on 30th November, 2019. 58 Students from 3rd Year participated in this event with the motto of providing the Self-Defense training to female students.



### **INDUSTRIAL VISIT**

- B.Tech. 3rd Year Students of Department Computer Science have gone for an industry visit as an education tour to IBM Data Centre, Bangalore from 4th-6th February, 2019.

The objective of the event is to develop student's personality and make them Industry ready and to make them aware of current technologies and trends.

In this event, 3 students from Sharda University have won the competition among 600 students.

**Winners:** Mr. Faizan Akhtar, Mr. Ashutosh & Mr. Jacob A. Ajala.





## FDP

Department of Computer Science & Engineering has organized the "Faculty Development Programme/T3" on Introduction to Cloud & Internet of Things on December 27th, 2018, December 29th, 2018.

### Convener Details:

Prof. (Dr) Parma Nand, Dean SET  
Prof. (Dr) Nitin Rakesh, HOD-CSE

### Co-Cordinator:

Ms. Sanika Singh

### Speakers:

- Mr. Arun-3 years of experience as Application Engineer in Internet of Things and Wireless Sensor Networks at Nihon Communication Solutions Pvt. Ltd., Bangalore
- Mr. Prabhat Padhya-Expert in Cloud Computing.



Department of Computer Science & Engineering, SET has organized the "Faculty Development Programme/T3" on Introduction to Business Analytics on February 15th, 2019-February 17th, 2019.

### Convener Details:

- Prof. (Dr) Parma Nand, Dean SET
- Prof. (Dr) Nitin Rakesh, HOD-CSE

### Co-ordinator:

- Ms. Sanika Singh (Asst. Prof.)CSE,SET

### Speakers:

- Mr. Puneet
- Ramnath Shanbhag

## MOOC

- Ms. Nishu Singh has completed 5 months Deep Learning Specialization course from Coursera.
- Ms. Anamika Mitra has completed 5 months Deep Learning Specialization course from Coursers.

## HIGHLIGHTS

- Mr. Faizan Akhtar student of IBM 3rd year has been appointed as Google Developer Student Club Lead (DSC-lead) for Sharda University on 25th January, 2019 for the session 2019-2020.



He will be getting training from Google Developers & Trainers

and will create a Developer community in Sharda University.

## PLACEMENT NEWS

- Ms. Avni Mittal and Mr. Akarsh Prasad of B.Tech. final year students are placed in IFS.
- Mr. Shashank Kuliya of B.Tech. final year student is placed in Info Edge.
- Mr. Shubham Jain of B.Tech. final year student is placed in Tech Sci.
- Ms. Shivangi Singh, Ms. Manvi Garkoti, Mr. Aditya Adarsh of final year students are placed in Efkon.
- Nine students of B.Tech final year are placed in Wipro.
- Ms. Sweta Suman from B.Tech. final year has been selected in "Travel Boutique".
- Mr. Roushan Kumar Jha from B.Tech. final year has been placed in "Kelly Services".
- B.Tech. 4th year students Mr. Deepak Singh and Mr. Aditya Kumar Malik are selected in United Health Group.
- Mr. Atul Kumar B.Tech. final year student has been placed in "NameKart".

## PRESENTATION

Pre-Ph.D departmental presentation was done on 19th-December, 2018 of Ms. Jaya Sinha on the topic "Agent Based Runtime Software Evolution".





## **ELECTRONICS & COMMUNICATION ENG., ELECTRICAL & ELECTRONICS ENG.**

- The Electrical & Electronics Engineering Dept. put its Embedded systems and Robotics lab projects stall at City Park, Greater Noida on Carnival 2019 of Greater Noida Authority - January 25th-27th, 2019
- Two students groups have participated in Techovation Hackathon Carnival 2019 of Greater Noida Authority and won Cash Prize on January 27th, 2019.
- The second year EEE students Group of Saket Agrwal, Nitesh Kumar Jaiswal, Bikesh kumar Singh won Rs. 20,000/-
- The third year EEE students Group of Ashish Kumar Tripathi, saurav Singha Chaudhari and Ikul Kamanda Steve won Rs. 10,000/-
- The Electrical & Electronics Engineering Dept. organized 12 hours workshop "Basic Electronics Projects" for first year students from January 21st to February 1st, 2019. Coordinator: K.Yajachitra and C.Mohan.
- The EEE Dept Organized a Industry Interaction meet for EEE, ECE and ME dept. faculty members on Feb 16th, 2019.
- Assistant Professor K. Jayachitra had attended following workshops.
  - Three days workshop on IoT 27.12.18 - 29.12.18
  - Workshop on Internet of things & Big Data by Prof Anil Maheswari on 17.1.19
  - Workshop on "How to plan, write and submit project proposals" on 31.1.19
- Associate Professor Dr. Pallavi Gupta along with Phd scholars went to Zamia Milia University to visit Bio Instrumentation Lab on 15/1/19
- Associate Professor Dr. Pallavi Gupta & passout student Mr. Ajay Kumar have started a series of Workshop on "UAV-Mystery Unfolded-Part1". The first was conducted on 18th January, 2019.
- Associate Professor Dr. Pallavi gupta and Dr. Rashmi Priyadarshini attended a workshop on "How to Plan, Write and Submit Project Proposals" on 31/1/19 conducted by RTDC, SU





## PLACEMENT NEWS

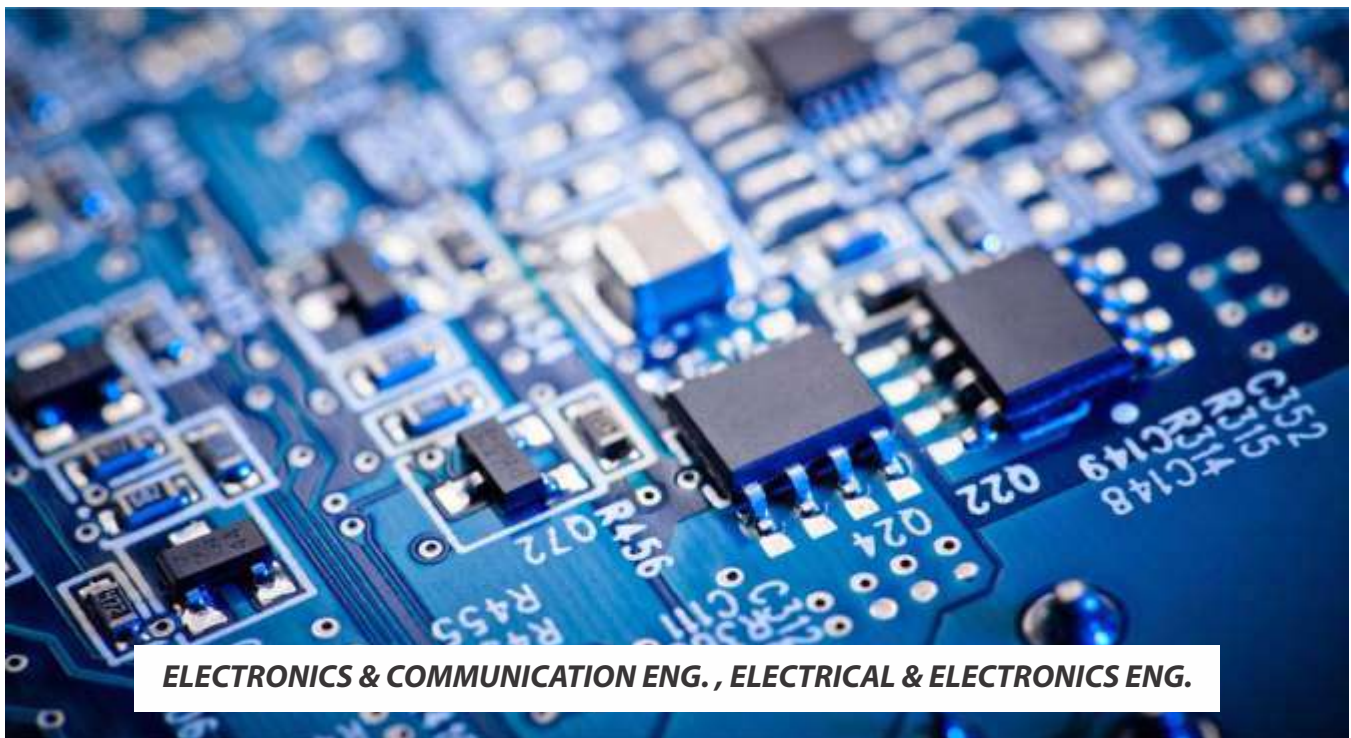


Final year M.Tech. Student of  
EEE (I&A) School of  
Engineering Technology has  
been placed in **C&S Electric.**



Final year B.Tech. student  
**Ms. Sweta Lohni** of  
Electronics & Communication  
Engineering Department,  
School of Engineering and  
Technology has been  
selected in "**Broadcom  
Limited**" campus drive.

- Final year students Final year students Pragati Shikha and Aditya Goel of Electrical & Electronics Engineering department, School of Engineering and Technology has placed in Capital Via campus drive.
- Final year B.Tech. students Vinayak Triguna Pandey, Priyanka Rana and Sakshi Singh of Electronics and Communication Engineering department, School of Engineering & Technology has been selected in Consultadd (NIET pool) campus drive.
- Final year B.Tech. students Malay Pandey and Sushil Raj of Electronics and Communication Engineering department, School of Engineering and Technology has been selected in Industry Buying/EMTEX campus drive.
- Final year B.Tech. student Dhananjay Katiyar of Electronics and Communication Engineering department, School of Engineering and Technology has been selected in Industry Legero Lighting India Pvt. Ltd



**ELECTRONICS & COMMUNICATION ENG. , ELECTRICAL & ELECTRONICS ENG.**



## **MECHANICAL & AUTOMOBILE ENGINEERING**

### **PLACEMENT NEWS**

Six students of Mechanical engineering department i.e Mr. Prince Kumar, Mr. Shubham Sharma, Mr. Abhishek Ashiwani Mishra, Mr. Shaheer Hasan Khan, Mr. Vikash Kumar and Mr. Mrigeshwar Kumar were placed as Graduate Engineer Trainee (GET) at Anjani Technoplast Ltd. The department wishes all of them a happy career and bright future.



### **INDUSTRIAL VISITS**

1: The students of second Year Mechanical Engineering, School of Engineering & Technology (SET) went for an Industrial Visit to Air Flow Pvt. Ltd. Greater Noida on 11th January, 2019 along with the following faculties:

- Akanksha Mishra, • Saigeeta Priyadarshini

At AIRFLOW, these 4 decades of existence have been an endless process of attaining 'Success' with enhancing capabilities, consolidating commitment and cementing faith in quality and innovation. Right from the inception in 1973, we have been leaders in manufacturing, Exporting and importing Air Ventilation Products, Air Terminal Products, Air Distribution Products through this long duration of time. The way we're empowering our product line and winning laurels from our clients world over by continuously improving upon our existing set of skills, technology, & range, we are poised to set more and more landmarks globally in the future.



***Industrial Visit to Air Flow Pvt. Ltd.***





2: The students of second Year Mechanical Engineering, School of Engineering & Technology (SET) went for an Industrial Visit to CHW Forge, Ghaziabad on 11th January, 2019 along with the following Faculties:

- Akanksha Mishra
- Saigeeta Priyadarshini

CHW Forge, formerly known as Chaudhry Hammer Works, established in 1956 as South Asia's finest forging companies known for its renowned quality and on time delivery. It is one of the India's leading manufacturer of high-quality standard and customized forgings of Alloy steel, Stainless steel, Super duplex steel, Aluminum, and Titanium steel forgings. CHW Forge products are widely recognized as the mark of quality in sectors like Aerospace, Defense, Oil & Gas, Heavy Industrial Equipment, Mining, Nuclear, Infrastructure, Power Generation, Ship Building, Education & Research and Gears. Hence our students have an opportunity to see and learn various Mechanical Engineering processes involved in manufacturing these components during this visit.



***Industrial Visit to CHW Forge, Ghaziabad***

3: The Greater Noida Industrial Development Authority organized the event four day winter carnival, scheduled from 25 January to 28 January. The annual event, with "SMART and HAPPY GREATER NOIDA" theme, included cultural programs, hackaton and science fair. In Science fair, three colleges i.e Sharda University, Shiv Nadar College and IIMT participated at City Park Greater Noida. Every college displayed attractive working models, charts. SET (Mechanical, Electronics and Biotech) and SBSR (Agriculture) presented their alluring projects on behalf of Sharda University. The departments displayed more than three exclusive projects. Greater Noida authority appreciated our remarkable participation. During the event huge gathering of the people showed their interest and appreciated the new concept of technology which is included in working projects like Solar Electrical Vehicle, DivyaShakti, Laser Gun counter and many more. The students and the departmental support was provided for the event.





4: Students of Mechanical Engineering (Team Tornadoes) participated in BAJA SAE (Ropar) and ESI (PUNE). The final round of these event held on Ropar and Pune on 15th -19th Feb, 2019 and 6th-9th March, 2019. BAJA SAE INDIA and ESI are a national level competition held in two phases, first phase is virtual round where the participants has to present design specification of the ALL TERRAIN VEHICLE (ATV) and in final round competition, the students are required to fabricate ATV all by themselves and ultimately the vehicle is made to race in given conditions against other competing vehicles made by other participating Institutes. The department of Mechanical Engineering feels proud that that our team has fabricated the vehicle & prepared for final round which is held on given date.



*Students of Mechanical Engineering (Team Tornadoes) participation in BAJA SAE (Ropar) and ESI (PUNE)*

## **GUEST LECTURES**

Department of Mechanical Engineering, School of Engineering & Technology has organized a Guest lecture on sustainable manufacturing: The Future, for the students and faculty members of Mechanical Engineering. Prof. Mark Jolly, Professor of Sustainable Manufacturing, Sustainable Manufacturing Systems Centre, Cranfield University, UK delivered the lecture on 13th February, 2019.

**Objective of the event:** To apprise students with the recent trends in Sustainable Manufacturing. It will be helpful for them to understand the applications & recent developments of sustainable manufacturing.

**Convener:** Dr. Bhim Singh (Head, Mechanical Engg. Dept.)

**Co-Ordinator:** Ms. Akanksha Mishra (Assistant Professor, Mechanical Engg. Dept.)



*Guest lecture on sustainable manufacturing by Prof. Mark Jolly on 13th Feb 2019*



*Guest lecture on sustainable manufacturing by Prof. Mark Jolly on 13th Feb 2019*



*Guest lecture on sustainable manufacturing by Prof. Mark Jolly on 13th Feb, 2019*



## FACULTY ACHIEVEMENTS

Ms. Saigita Priyadarshini attended three days training program in Mumbai on composite material in ICAR- Central Research on Cotton Technology (ACAR-CIRCOT), D.A.R.E, Ministry of Agriculture & Farmers Welfare, Government of India from 4th-6th Feb, 2019.



## FACULTY ACHIEVEMENTS

- Ananda Babu Arumugam, Vasudevan Rajamohan, Naresh Bandaru, Edwin Sudhagar P, Surajkumar G K, Vibration Analysis of a Carbon Nanotube Reinforced Uniform and Tapered Composite Beams, Archives of Acoustics, 12/2018; Accepted (JCR Impact Factor-0.91).
- Paul Praveen A, Vasudevan Rajamohan, Ananda Babu Arumugam, Arun Tom Mathew, Vibration analysis of a multi functional hybrid composite honeycomb sandwich plate, Journal of Sandwich Structures and Materials, 12/2018; DOI: 10.1177/1367549417708437. (JCR Impact Factor- 2.78).
- A. Paul Praveen, M. A. Moheez, M. M. Manjunath, A. Ananda Babu, and R. Vasudevan, Evaluation of shear properties of carbon nanotube reinforced functionally graded honeycomb composite materials, AIP Conference Proceedings 2057, 020067 (2019).

### CHIEF EDITORIAL TEAM

**Dr. Parmanand**, SUSET, Professor & Dean, SET  
**Ms. Manisha Rajoriya**, SUSET, Asstt. Professor, ECE Deptt

### EDITORIAL TEAM MEMBERS

**Shanna Majumder**, Professor, BTY Deptt  
**Megha Gupta**, SUSET, Asstt. Professor, Civil Deptt  
**Nishu Singh**, SUSET, Asstt. Professor, CSE Deptt  
**Shashank Singh**, SUSET, Asstt. Professor, EEE Deptt  
**Anuj Kumar Sehgal**, SUSET, Asstt. Professor, ME and Automobile Deptt