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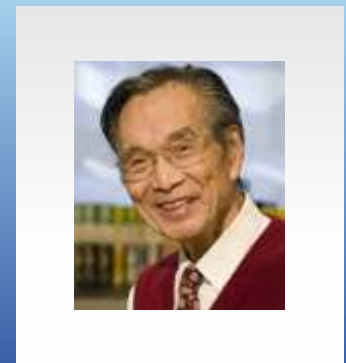
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### EDITORIAL TEAM

## INSPIRING QUOTE

“  
*Engineering is quite different from science. Scientists try to understand nature. Engineers try to make things that do not exist in nature. Engineers stress invention*  
”



### Yuan-Cheng Fung

American bioengineer and scientist. He is regarded as a founding figure of bioengineering, tissue engineering, and the "Founder of Modern Biomechanics"



## FROM DEAN'S DESK



“

*The goal of school, guided by the vision, is to provide transformational education that produces skilled workforce, researchers and innovators of tomorrow with intellectual and technological resources.*

”

### Dear Readers,

It is my pleasure to share with you the various student activities and faculty achievements ASET for the period June 2017–January 2018. The goal of school, guided by the vision, is to provide transformational education that produces skilled workforce, researchers and innovators of tomorrow with intellectual and technological resources.

Our commitment and dedication is to focus on experiential, cooperative and project based learning that allows our students to continue to adapt, grow and succeed in solving real world problems.

The school thrives to establish partnership with industries, government organizations, & academia and to become collaborative community of faculties, students, staff and alumni to fulfill societal needs with professional ethics. For development and placement process of final year student's boot camp is organized for all branches of our school. In order to bridge the gap between parents and teachers, a parent-teacher meeting (PTM) was conducted.

PTM acts as an effective platform for the sharing of thoughts, visit of school and views for the betterment of the personal and professional life of the students in future. We update knowledge of faculty members and students by either organizing faculty development program.

SET is also having very good Industry Academia linkages with industries/associations like IBM, I nurture, Aries Communications, Aruba, Tech Mahindra, NASSCOM, NSDC, Savitri Telecom Services etc. apart from academic tie-ups with top global Universities.

With News Letter as a media, we are sharing achievement of SET family, this will surely act as an encouragement in achieving great heights.

**Dr. Parmanand**

Dean, School of Engineering & Technology



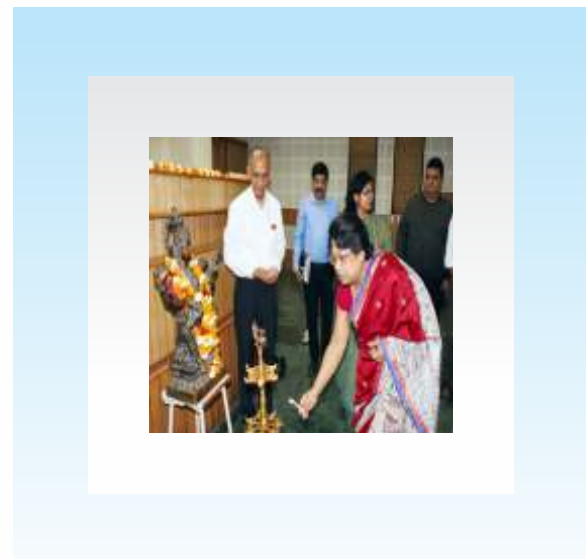
## RESEARCH PUBLICATIONS IN 2017

Department	No. of Publications
Biotechnology Engineering	15
Civil Engineering	08
Computer Science and Engineering	28
Electronics Communication Engineering Electrical Electronics Engineering	15 & 11
Mechanical & Automobile Engineering	08

## “ PARENT TEACHER MEETING 17TH MARCH 2018 ”

School of Engineering and Technology (SET), Sharda University had organized 'Parent Teacher Meeting (PTM)' on 17th March 2018. During this meeting, the overall performance of students and their status of attendance had discussed with parents by the respective class coordinators/department. The goals of any parent-teacher meeting are to help the student to succeed. The conversation may vary, depending on the student, the circumstances surrounding the conference and the time in the student's academic career. However, the goal is always the same: help the student. Almost parents of all year students had participated in this event and had face to face discussion with respective mentors/teachers during meeting

The Convener of PTM are Dr Parma Nand (Dean SET) and Dr Rita Singh Majumdar (Head of Biotech Dept)



## “ TECHNICAL SKILL ENHANCEMENT PROGRAM / PERSONALITY DEVELOPMENT PROGRAM UNDER BOOT - CAMP FROM 3RD JAN TO 19TH JAN 2018 FOR FINAL YEAR STUDENTS ”

SET had organized boot camp for final year students of all branches in second week of 2018 to prepare the students for the placement process. The aim was to provide real time Group Discussion and Interview practice to the students. Total 56 session of Personality Development Team (PDP) and 42 session of Technical Skill Team (TSEP) was held for all dept. students.

The Learning Outcomes of boot camp is as follows

- Solve technical, analytical, logical and quantitative problems confidently in interview
- Communicate their logical thoughts during interviews, Group Discussions and presentations
- Understand soft-skills pertaining to industry and develop skills for career enhancement



## BIOTECHNOLOGY ENGINEERING

### “ GUEST LECTURES ”

A guest lecture was organized in the department on 23rd August, 2017. (Dr.) D. K. Maiti from Calcutta University and (Dr.) Somen Chakraborty from SDPA, New Delhi, were the domain experts and delivered lectures on 1.Nanoscience, Nanofabrication and Organic-Nano Electronics: A Golden Opportunity for the Electronic Device Industries and 2.Evolution of Human Rights in Biotechnological Era respectively.



### “ NATIONAL CONFERENCE ”

Department of Biotechnology organised two days national conference on “ Recent Advancement in Biotechnology & Bioengineering” from 2nd to 3rd November 2017.

Eminent scholars and students from ten different universities participated in it. (Dr.) T. Madhan Mohan, Advisor, Department of Biotechnology, Govt. of India graced the inaugural ceremony as chief guest.



### “ SUMMARY OF INDUSTRIAL VISITS ”

Details of the Industrial Visit, 2016 - 17				
Sl.No.	Date of Visit	Name of Company	Number of Students	Year of Students
1	11th October, 2017	Coca-Cola's Shahibabad Unit	30	4th
2	13th October, 2017	Yakult Danone	30	M. Sc Biotech & M. Tech Biotech





## **CIVIL ENGINEERING**

### **WORKSHOP & TRAINING**

- Assistant Professor Chhavi Gupta, Assistant Professor had attended Industrial training program of six weeks during June-July 2017 in IIT Delhi.
- Dr. Satya Prakash, Professor had attended Industrial training programme on "Technical Consulting" by CDI, New Delhi during Aug-Oct 2017.
- Assistant Professor Pinaki Nayak, had attended 3rd National Summit on 100 Smart Cities India 2017, held at The Lalit, New Delhi on 18th August 2017.
- Assistant Professor Faizanul Hauque, had attended 3rd National Summit on 100 Smart Cities India 2017, held at The Lalit, New Delhi on 18th August 2017.
- Assistant Professor Safdar Amini, had attended 3rd National Summit on 100 Smart Cities India 2017, held at The Lalit, New Delhi on 18th August 2017.
- Assistant Professor Chhavi Gupta, had attended Faculty Development program on "Data Analysis Using 'R'" conducted by ORIT, School of Business Studies, Sharda University, Greater Noida.

### **MOOC**

- Assistant Professor Pinaki Nayak, Assistant Professor has successfully completed 3 months course on "Integrated Waste Management for a Smart City".
- Assistant Professor Chhavi Gupta, Assistant Professor has successfully completed 3 months course on "Design of Steel Structures".

### **FACULTY DEVELOPMENT PROGRAM**

An FDP (FCERI) was organized on 16th September, 2017 in Sharda University for which People from IIT Delhi and Industry graced the occasion and gave their talk on recent trends and advances in research works.



## **COMPUTER SCIENCE AND ENGINEERING**

### **WORKSHOP & TRAINING**

- CSE Dept. had organized "Lot training workshop by IBM" on 28th to 29th December, 2017.
- Prof. Arun Mehta had organized the workshop on "Introduction to python" for CSE faculty in June, 2017.

### **HUAWEI ICT COMPETITION / HCNA R & S CERTIFICATION EXAM CENTER**

CSE Dept. had organized Huawei ICT Launch Event on 23rd Jan 2018 at Sharda University. It is initiation of the first edition of Huawei ICT Skill Competition India 2017-18 (first launch in Asia). More than 200 students from all over India had participated in this event. Out of Top 200 that selected for HCNA (Huawei Certified Network Associate) examination vouchers, 15 is from Sharda University. All these exam are conducted under supervision of Huawei / Cognitel. This is coordinated by Assistant Professor Mr. Rupesh Jindal and Dr. Parma Nand (Dean, SET)







## “ WORKSHOP & TRAINING ”

- CSE Dept. had organized “Lot training workshop by IBM” on 28th to 29th Dec 2017.
- Prof. Arun Mehta has organized the workshop “Introduction to python” for CSE faculty in June 2017.

## “ GUEST LECTURE ”

CSE Dept. had organized a talk on “How to approach various funding agencies for research projects” on 28th feb 2018.



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

### “ WORKSHOP & TRAINING ”

- Assistant Professor Ritu Singh, had attended Industrial training program of four weeks during June-July 2017 at Continental Device India Limited, Mohali.
- Dr. Rashmi Priyadarshani had attended Industrial training program of four weeks during June-July 2017 at ST Microelectronics, Greater Noida.
- Assistant Professor Ms. Shahan Naz had attended two days workshop at IISC Bangalore from 28th November 2017 to 30th November 2017.
- Assistant Professor Abhijeet Kumar has attended industrial training in Shri Bajrang Power & Ispat Limited under Steel Solution for maintenance of steel furnace from 26th December, 2017 to 06 January 2018.
- Assistant Professor Ranjeeta Singh has attended industrial training at Benara Udyog Ltd. Agra from 10th July to 22th July, 2017.

## “ ARIES COMMUNICATIONS AND CSE SET HAD SIGNED MOU ”

Mr. Harry Plant and Ms Shweta Berry from Aries India had visited the SET, Sharda University campus on 8th feb 2018.

There are many areas where Aries can play the role of a technology enable for Sharda University such as bringing automobiles department to the Aries Lot - CoE for developing connected vehicles can help create interesting offering to the market in future.

## “ MOOC ”

- Assistant Professor Mr. Mukul Varshney, Ms. Shivani Garg, Ms. Jyotsana and Ms. Abha Kiran has successfully completed 3 months course on “Managing project with Microsoft project”.
- Assistant Professor Ms. Nishu and Ms. Anamika had completed 1 month course on “Introduction to python for Data Sciences”.

### “ WORKSHOP ORGANISED ”

- Assistant Professor S. P. Jaiswal and Assistant Professor Shashank Singh had organized one day workshop on 'New Trends in Electrical PowerSystem' on 19th November 2017.  
Resource person: Mr. Amitesh Singh, Engineer, UPPCL, Noida & Mr. Mirza Asif Beg, Engineer, UPPCL, Noida.
- Assistant Professor Ranjeeta Singh had organized 3 Days Workshop on 'PLC & SCADA' February 14-16, 2018. The program is designed to impart technical knowledge about the PLC and SCADA with thrust on hands-on training on real-life applications. It includes lectures, hands-on training, applications and software tools for Industrial Automation.



“  
**MOOC**”

Assistant Professor Abhijeet Kumar has completed a MOOC course of 8 weeks (5-7 hours/week) on "Energy, Environment and Everyday Life" by University of Illinois at Urbana-Champaign on 28th December, 2017.

“  
**STUDENT ACHIEVEMENTS**”

- Mr. Ajay from final year ECE, Mr. Vaibhav and Mr. Jithin from 1st year ECE had visited IIT BHU Tech fest (Tech Nex) on 16th Feb to 18th Feb 2018 and participated in various event like DroneTech and Hurdle Mania.
- Mr. Ajay and Mr. Abhishek from ECE final year and Mr. Jithin from 1st year ECE had cleared first round of DRUCE(DRDO Robotics and Unmanned System Exposition) and they will join second round at IIT Delhi on 31st March 2018.



## **MECHANICAL & AUTOMOBILE ENGINEERING**



*Student  
Achievements*

“  
**STUDENT ACHIEVEMENTS**”

Under the mentor ship of Dean SET and HoD, Department of M. E. in collaboration with Department of Design has completed FIVE Automotive and TWO Robotics projects.

This has been accomplished due to the relentless efforts of faculty members Mr. Abshishek Bhattacharya, Gomish Sharma (ME) and incessant work put in by 20 students.

In the due process the faculty members and the students involved have learnt a great deal and honed their skills and knowledge.

These projects were displayed at the 14th international Auto Expo on behalf of the University.

These projects shall be showcased internally for Shardan's on 5th of Feb at 12.30 at the main stage behind block 2.

The media has been invited to cover the event. It proved to be highly motivating for the students who have worked on the projects and an unforgettable event in year 2018.



Coverage of Auto-Expo: In leading Newspapers



Appreciation by many dignitaries at Auto-Expo Greater Noida

Appreciation by Executive Director (Sharda University) Sri Prashant Gupta and Honourable Chancellor (Sharda University) Shri P.K. Gupta

**SUMMARY OF INDUSTRIAL VISITS**

Details of the Industrial Visit, 2016 - 17				
Sl.No.	Date of Visit	Name of Company	Number of Students	Year of Students
1	12th September, 2017	CHW Forge Pvt. Ltd. , Ghaziabad	30	3rd
2	11th October, 2017	SMC Pneumatics (India) Pvt. Ltd.	30	3rd
3	24th October, 2017	JCB India Pvt. Ltd. , Faridabad	30	4th
4	7th November, 2017	Coca-Cola, Greater Noida	40	3nd

