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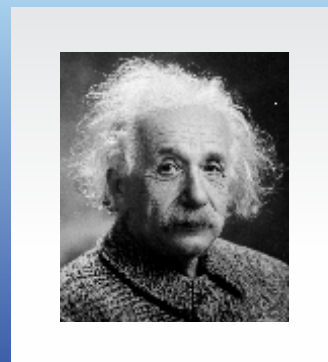
EDITORIAL TEAM

INSPIRING QUOTE

“

Education is not the learning of facts, but training the mind to think.

”



Albert Einstein

Theoretical Physicist



FROM DEAN'S DESK

“

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

”

Dear Readers, Greetings!

First of all, SET extends a gracious and hearty welcome to all of its firstyear students. On behalf of Sharda family, I welcome them all in a convivial campus. In the same spirit, I am pleased to brief the various students' activities and faculty achievements of SET for the period May 2019 to September 2019.

The main highlight of this edition are admissions secured by our students in reputed universities through entrepreneurship, foreign exchange programs and Collaboration with Industry associations like IIA. Quoting Dr. Nelson Mandela, "Education is the most powerful weapon which you can use to change the world", we are pleased to announce that many of our graduated students are placed in reputed IITS /IIMS and Foreign universities after qualifying CAT/GATE. Mr. Prateek Jain, student of Civil Engineering, is selected in IIM Kashipur (97.58% in CAT18). Five other students are selected in Mevlana Exchange Program in Karabük University (KBU), Turkey and in Manisa Celal Bayar University.

Thank you for sparing time to read the achievements of SET and for your continued support which keeps us scaling new heights.

Dr. Parmanand

Dean, School of Engineering & Technology



SCHOOL OF ENGINEERING & TECHNOLOGY

School of Engineering and Technology organized 5-day Orientation Programs from 19th to 23rd August, 2019 for Department of Biotechnology, Civil Engineering, Computer Science & Engineering, Electronics and Communication Engineering and Mechanical Engineering. The orientation is aimed to Welcome the Budding Engineers and Introducing all the distinct activities of the School/Department. Various Industry Leaders are invited in the Orientation Program to motivate and provide insights of Industrial requirements. The Chief Guest of the orientation program was Shri Narendra Bhooshan (IAS), CEO, GNIDA along with Mr. Pradyumna Pandey, Head HR, JK Tyre, Mr. Abhijit Charaborrty, Head HR, NGSL (NTPC & GE Company), Mr. Raju Foujdar, CHRO, Aqualite Footwear, Praveer Priyadarshi, Former CPO, Jindal Steel are among the key industry interface who interacted with new batch of engineering graduates of all the streams. During the address of Shri. Narendra Bhooshan, he recalled his own experiences as a new student at the Punjab Engineering College in the year 1986 and discussed how times have changed and how information is helping the people in all aspects of life. Shri. Bhooshan detailed the various activities and processes within Greater Noida in association with students of Sharda University who contributed to innovative solution like Pari Chowk and others. Sharda University is a knowledge partner of the GNIDA and students of Sharda University are already working with the GNIDA on solving the traffic problems and beautification of the city. Shri. Bhooshan

discussed further avenues of cooperation and emphasised on the necessity of innovation. He motivated the students to identify the challenges, participate in events like Hackathon and go beyond the curriculum to provide solutions to the problems faced by the society. Shri. Pradeep Kumar Gupta, the Chancellor of Sharda University, discussed the necessity of interdisciplinary research and manufacturing sector in the growth of the country and urged the students to come forward as entrepreneurs. The Pro-chancellor, Shri Y. K. Gupta, congratulated the students on making a new beginning and used the examples of Indian scientific achievements such as the Chandrayaan 2 to motivate the students to be better engineers and achievers. Prof. Parma Nand, Dean, School of Engineering and Technology motivated the students and thank the CEO for his time and encouragement among the students. The programme was attended by over 800 students and parents. Dean SET, Prof. Parma Nand also introduced the academic and research aspects of the school. All the Head of Departments, Dr. Amit K. Singh, Dr. Gaurav Saini, Prof. Nitin Rakesh, Dr. Premanand Pany and Prof. Bhim Singh conducted department wise orientation of respective students and introduced the Teaching, Learning, Innovation, Research, Clubs and Students Centric Activities to all the budding engineers. This is one of the most successful and fruitful orientation which provided complete knowledge and understanding to the new batch of students.



Orientation Program



MEVLANA EXCHANGE PROGRAM: KARABÜK UNIVERSITY, TURKEY



Abhishek Kumar
CSE 3rd year,
Karabük University,
Turkey



Uman Niyaz
CSE 3rd year,
Karabük University,
Turkey



Prashant Bhardwaj
EEE 3rd year,
Manisa Celal Bayor
University, Turkey



Nikita Sharma
BTY 3rd year,
Manisa Celal Bayor
University, Turkey



Abinash Adhikari
ME 3rd year,
Manisa Celal Bayor
University, Turkey

STUDENT'S ACHIEVEMENTS



Mr. Junaid Ahmad
ECE (2009-2003) batch
had secured AIR-352
in civil services.



Mr. Aniket Kulshreshtha
CSE 3rd year was recently
awarded by Google for
Developing an Action on
Google Assistant



**Mr. Faizan Akhtar
Mr. Ashutosh &
Mr. Jacob A. Ajala**
3 students from Sharda
University have won the
competition at IBM Bnaglore.



B.Tech ME students won the
Third Position with cash
prize of INR 10000.00 in
CII Majestic "**SKILL WILL
LEAD**" Competition at
Sharda University



Arjun Bhatta
B.Tech-Biotech 2018,
Ph.D. Admission in Max Plank Institute,
Germany



Sakshi Singh
B.Tech-Biotech 2018,
Ludwig Maximilian University, Munich,
Germany



Rasindu Rajnaike
B.Tech Biotech 2016
Ph.D. admission in University of
Houston, Texas USA.



SMART INDOOR AQI

Mr. Jacob Ajala, Mr. Ashutosh Srivastav and Mr. Faizan Akthar participated in IBM Hackathon and won second position. The project is now backed by Greater Noida Authority for commercial production. This project allows us to monitor and check live air quality pollution in a closed area through IoT. System uses air sensors to sense presence of harmful gases/compounds in the air and constantly transmit this data providing more than 10 parameter and send to authorities in case of fire or extreme emergencies.



CONSULTANCY

We have Department of Industry Interface

Under this department, following activities are performed: Collaboration with Industry associations like IIA

Collaboration with "DN Enterprises" for Industry aided Projects | Collaboration with Govt. Of India institutions like MSME Ministry, NIESBUD | Doing Consultancy Projects like- 3 Projects under MSME Design Clinic Scheme

• Innoclour- Project • Paramount-Project • Percision- polymer-project | Organizing Paid Workshop like "Export To 24 Countries"
Rs. 50000 Cheque | Order of ERP project worth Rs 50,000



*Scientists study the world as it is;
engineers create the world that
has never been*



ENTREPRENEURSHIP

Founders	Dept.	Name of Company	Yr. of Launch	Domain/Area
Abinash Adhikari & Team	ME	Anmol Biscuit Pvt Ltd	2019	Operational Problem
Rithik Thakur	ECE	Digi Scorers	2019	Web Applications & IoT
Naman Agarwal Ashish, Manish	CSE	GamingFury	2018	Game Development
Rohit Sinha	CSE	Larch Soft	2018	Software Development
Sharib Khan	CSE	Grapes Pvt Ltd	2018	ERP Development
Anupam Bhattarai	CSE	GameDevop	2018	Freelancer
Jinnat Saberine won Rs. 60000/- in a Google Sponsored Event	CIVIL	Daak You	2018	Peer to peer Courier Service
Abhishek Singh	CIVIL	Green Life Infrastructure Development Co. Ltd.	2018	Real Estate
Aditya Singh	CSE	Codey	2018	Software Development
Akshay Kumar	CSE	Hisab App	2018	Google playstore
Rohit and Vishwajeet	CSE	Onlineao.com	2018	Web Application
Abhishek Kumar	ME	UniHub Soft Tech	2018	Software Solutions
Freelancer	ME	Talukder Phonography Winner of Best South Asean Photographer for Year 2018 by National Geographic Channel	2018	Multimedia & Photography
Jithin kumar	ECE	Mechagen Robotics Pvt. Ltd	2018	Robotics & AI
Ajay Kumar	ECE	Nextbots Robotics Pvt. Ltd.	2018	Robotics



ADMISSION IN FOREIGN UNIVERSITIES/IIM

Students	Dept.	Name of Universities	Yr. of Admission	Programme
Anurag Chopra	CIVIL	NICMAR, Pune	2019	Post Graduation
Mohit Srivatava	CIVIL	Oregon State University, US	2019	MS Wood Science & Engg program
Rahman Md. Hafizur	CIVIL	University of Debrecen Hungary	2019	Engineering Management Masters Program
Prateek Jain	CIVIL	IIM'S Kashipur (97.58% in CAT18)	2019	Post Graduation
Mr. Anayat Ali Allaie	CIVIL	Zhejiang University, China	2019	PhD program
Nida Fazeel Richard	ME	COVENTRY University, UK	2019	Ms.c Automotive Engineering
Sakshi Singh	BT	Ludwig Maximilian University Munich, Germany	2018	Post Graduation
Ms. Jaanvi Kaushik	BT	Hariowatt University, Scotland	2018	Masters programme
Adarsh Prakash	ME	University of Bermingham, UK	2018	Master of Science
Bimal Awasthi	ME	University of Melbourne, AUS	2018	Master of Science
Eram Fatima	BT	ICT, Mumbai	2018	M.Tech. in Bioprocess Technology
Nilisha Pokharal	BT	Marquette University, Wisconsin	2018	Ph.D
Mimangsha Chudal	CIVIL	Southern Cross University Australia	2018	Master of Engg. Mgmt.
Halimatou Bah	CIVIL	Suzhou University of Science & Technology, China	2018	Masters in Environmental Engg.
Arjun Bhatta	BT	University of Gottingen, Germany (GRE & TOEFL scores are 331/340 & 118/120 respectively)	2018	Integrated MSc/PhD at International Max Planck Research School Molecular biology



PUBLICATIONS- RESEARCH PAPERS/BOOKS

Departments	CE	BT	CSE	ME	ECE	EEE	Total	
Year	2018-19	2018-19	2018-19	2018-19	2018-19	2018-19	2017-18	2018-19
Number of Publications in Journals	4	26	13	11	8	7	71	69
Number of Publications in Interdisciplinary research/Conference	19	24	19	4	2	5	76	73
Number of Books authored by faculty	0	1	1	0	0	0	3	2
Number of Chapters in books authored by faculty	0	0	0	2	0	0	2	2
Patent Filed / Published/Awarded	9/4/N	N/N/N	1/1/N	N/N/N	N/N/N	N/N/N	14/14/N	10/5/N





BIOTECHNOLOGY ENGINEERING

Biotechnology makes its mark at Pathfinder Research and Training Foundation

A month long summer training was conducted by Pathfinder Research and Training Foundation, in collaboration with Sharda University, Greater Noida. Pathfinder Research and Training Foundation is a state-of-the-art platform for researchers to accomplish research activities related to drug discovery. The training was aimed at imparting basic skills to college students on the workflow and standard pipeline of drug discovery using in silico tools. The lectures were given by in-house faculty and guest lecturers of eminent scientists such as Dr. G. P. S. Raghava, Professor and Head, Computational Biology; IIITD. It was organized under supervision of Dr. Aditya Arya, and Dr. Vivek



Dhar Dwivedi, working as scientist at PRTF. Students from Department of Biotechnology, Sharda University, GLA University, Amity University and J.P. Institute participated in this unique summer training programme. It was an interactive session which also inculcated team spirit and bioinformatics skills in the students. Prof. (Dr.) Parma Nand, Dean, School of Engineering & Technology (SET), Sharda University said, "This unique summer programme imparts research skills in students and make them industry ready. We at Sharda University aim to bridge the gap between industry and academia through such training programs, lectures and practical sessions. In today's competitive scenario, the focus of students should be on skill development and strength building rather than merely collecting diploma and degrees." At the end of this training, students have been trained enough to retrieve biological data from various repositories, perform molecular docking of proteins with small molecules and understand the basic pipeline of in silico drug discovery. Dean, School of Engineering and Technology (SET) Prof. (Dr.) Parma Nand, was invited guest in the valedictory function where he enlightened the students with his motivating words, and inspired them to focus on skill building. Dr. Saurabh Kumar Jha (Assistant Professor), was faculty in-charge of organising this whole event.

Biotechnology students win honours at Constitution Law Quiz & National Seminar on Plastic Waste Free India

Pandit Deen Dayal Upadhyay Manch, in association with Manyavar Kanshiram Govt. Degree College, Ghaziabad organized a day-long National Seminar on Plastic. Waste Free India on January 29th, 2019, which witnessed overwhelming participation by students of Biotechnology (SET), Sharda University, Greater Noida. They won 1st, 2nd and 3rd prize in Technical Session.

Ankit Khugshal bagged the 1st prize, Akshay Kr. Arya, Ankit Kumar, Rameez J. Khan, Rajat Kr. Jha, Aparna Srivastava and Hamza Nizamuddin stood second, followed by Ankita Singh at the third position. Souvik Chaudhary, Shraddha Sahu, Nancy Gupta and Shubham Srivastava won First Prize at the Poster Making Competition. Chairperson, Shri. Vinod Sharma (National President of Deen Dayal Smriti Manch) praised the performance of students.

The event was coordinated by esteemed leader Prof. Parma Nand (Dean, School of Engineering and Technology, Sharda University) & was coordinated by Dr. Pankaj Taneja (Associate Professor) and Dr. Saurabh Kr. Jha (Assistant Professor), Department of Biotechnology (SET), Sharda University.

INSA Visiting Scientist Fellowship

Two of our faculty members received prestigious INSA Visiting Scientist fellowship for 60 days under INSA Visiting Scientist programme 2019. Dr. Ram Saran Chaurasiya received the fellowship and visited CSIR-Central Food Technological Research Institute to further his research, and Dr. Richa Sharma visited IISc Bangalore under this programme.

Recruitment

Mr. Sagar Chauhan student of B.Tech. Biotechnology batch 2015-19 got appointment in Foresight Biotech



CIVIL ENGINEERING

EVENTS & WORKSHOPS

- Dr. Gaurav Saini (HoD, Associate Professor, C.E) delivered 2 talks as an invited expert for the finalization of Storm Water Drainage Manual on June 29th, 2019 at the NDMC Convention Center, Sansad Marg, Delhi. The Storm Water Drainage Manual is going to be the policy document for the entire country and has been developed under the aegis of Ministry of Urban and Housing Affairs (MoUHS)- GoI by WAPCOS Ltd. (a mini-ratna, under Ministry of Water Resources-GoI). Sir has collaborated with WAPCOS in the past on developing some portions of this manual. The event was attended by over 150 representatives from municipal bodies from across India, including far-off states/UTs such as Sikkim & Pondicherry as well as leading NGOs.



- Dr. Gaurav Saini (HoD, Associate Professor, C.E) presented an invited talk on 'Sustainable Water Management' at Sustainable Development officers (SDO) meet of ONGC. The event took place on 9th August, 2019 in Delhi. SDOs are the designated officers at different work centres (Assets/Basins/Plants/Institutes) of ONGC to implement various Sustainable Development projects (carbon/water/waste management). The objective of the meet was to review the status of existing/ongoing SD projects and to impart a momentum to the SD activities of ONGC.





- Department of Civil Engineering, SET organized 2-hour workshop on Cyber Bullying with help of 1090 Women's Helpline of UP Police on 26th July, 2019 for female students/staff members. Dr. Parmanand (Dean, SET) was the convener of the event whereas Dr. Gaurav Saini (HoD, Associate Professor C.E.) was Co-convener of the event. Ms. Pinaki (Assistant Professor) and Ms. Sukalpaa (Assistant Professor) were the co-ordinator of the event. Janice Verghese and her team were the speakers of the workshop and 90 students participated in the event.



PLACEMENTS

Mr.Mohammad Tafheem 4th year students of B. Tech. Civil Engineering has been placed in Byjus-THINK AND LEARN PVT.LTD. Through campus interview held on 14th August 2019 at Sharda University campus.





COMPUTER SCIENCE AND ENGINEERING

• Department of Computer Science and Engineering has organized LaTeX workshop on 31st August 2019, under the umbrella of Journal club a workshop for faculty and research scholars within the research groups of CSE Department research groups. The objective is to enable researchers and authors to understand & learn LaTeX tool to help them in writing research papers & reports.

Co-Ordinator Details

Dr. Pooja, Associate Professor, Dr. Mandeep Kaur, Associate Professor, Dr. Sudeshna Chakrabaty, Assistant Professor, Dr. Ali Imam Abidi, Assistant Professor, CSE.

Speakers

Dr. Ahmed Mohd Aziz
Assistant professor, CSE

• Department of Computer Science and Engineering, School of Engineering & Technology (SET) in association with Flawless Failure (An initiative of Sharda University) had organised an event on 26th August, 2019.

Objective of Event

The event focuses on the life experiences of Mr. Navin Gulia. It also focusses on the thoughts of students towards innovative skills and life challenges.

This event is a part of learning and growth to everyone and we feel you are obliged to be a part of this function.

Conveners

Prof. (Dr.) Parma Nand, Dean
Prof. (Dr.) Nitin Rakesh, HoD SET

Faculty Coordinator

Dr. Pooja, Associate Professor
Ms. Anamika Mitra, Assistant Professor, SET

Student Coordinator

Mr. Shivank Goel
Mr. Danish Alam



• Department of Computer Science and Engineering had organised Research Group meeting to discuss on 'How to write a quality technical paper and where to publish within IEEE' within the research groups of CSE Department research groups.

Objective of Event

To enable researchers & authors to advance technology & their career by enhancing their ability to get published.

Conveners

Prof. (Dr.) Parma Nand, Dean
Prof. (Dr.) Nitin Rakesh, HoD SET Co

Ordinator Details

Dr. Pooja, Associate Professor, CSE, Dr. Mandeep Kaur, Associate Professor, CSE, Dr. Sudeshna Chakrabaty, Assistant Professor, CSE

Speakers

Mr. Ramesh Singh, Associate professor, CSE. He has worked with System Software Division, National Informatics Centre. His research interests are Human-computer Interaction, Computer Comm. (Networks) and Operating Systems.



• Department of Computer Science & Engineering had organised 5 Days Workshop on Ethical Hacking & Cyber Security Training from 13th-18th August 2019.

The major objectives of the workshop are: Development of unique and innovative training modules in Indian languages specific to Indigenous needs.

- Capacity building in Cyber Crime Investigation enhancing the knowledge base of officials
- Foster collaboration & serve as a conduit for government agencies, private sectors and academic institutions to share ideas and enable advance research.
- Creating awareness on Cyber Crime, Cyber Fraud, Corporate Fraud, Hacking etc.
- Skill building in Cyber Security, Cyber Forensics, Threat Intelligence and Fraud & Risk Management, etc.

Conveners

Prof. (Dr.) Parma Nand, Dean
Prof. (Dr.) Nitin Rakesh, HoD, SET

Event Speakers

Mr. Amit Dubey
Author & National Security Expert
Mr. Praveen Kumar, Cyber Security Expert



- Department of Computer Science and Engineering, had organised a Faculty Development Program on "BLOCKCHAIN TECHNOLOGY" scheduled from 2nd August, 2019 to 4th August, 2019.

Objective of Event

Blockchain is a revolutionary technology and soon, it will avail a key role in some of the major industries. The objective of this FDP is to bring together experts from various domains to explore the current state-of-the-art of Blockchains, approaches for developing and interrelating Blockchain Technology and increasing issues concerning Blockchain enabled security and privacy of personal data use, to build up a trained base of faculty members who will mentor the students to serve the needs of the upcoming industrial trend.

Convener Details

Dr. Pooja

Co-Ordinator Details

Ms. Rani, Assistant Professor, Mr. Dharm Raj, Assistant Professor, Ms. Preeti Dubey, Assistant Professor, Mr. Tarun Maini, Assistant Professor, Mr. Pankaj Sharma, Assistant Professor, Ms. Surayya Ado Bala, Research Scholar (Ph.D.), Mr. Tara Chandra Shreshta, Research Scholar (Ph.D.), CSE

Speaker

Mr. Yash Sharma



- Dr. Mandeep Kaur of Department of Computer Science and Engineering had organised Industrial Visit for students for Oracle Ground breakers Yatra at Sector 48, Gurugram to educate and communicate information on Oracles Technology on 28th July, 2019, at 08:30AM to 6:00 PM. The major objectives of the visit are:
 - To share what the Oracle users have learned from using Oracle technology over the years.
 - To acquire knowledge directly from the experts and a deep dive into different skill areas.
 - Inculcating Industry Awareness among the students.
 - Give awareness & improve the level of knowledge and increase the networking opportunities.

Ms. Sanika of Department of Computer Science and Engineering, SET had organised the "Faculty Development Programme/T3" on Social Web Mobile Analytics on July 17th -20th July 2019, in Block 1.

Objective of Event

Faculty Development Programme (FDP) aims at equipping teachers with skills and knowledge that are essential for inculcating entrepreneurial values in students & guiding & monitoring their progress towards entrepreneurial career.

Event Speaker

Ms. Rashmi Triwedi

- Department of Computer Science & Engg. had organized the orientation program with the key feature as journal club Event for First year students on 22th August 2019, which focussed on giving knowledge about Technical Society and adding new members to it. The event was open to all the first year students from the CSE Department.



- Department of Computer Science & Engineering faculties were invited as a "Special Guest" in ASSOCHAM Annual 12th India Security Summit on Wednesday, 28th August, 2019 at Hotel Imperial, Janpath, New Delhi.

Faculties

- Dr. Parma Nand
- Dr. Nitin Rakesh
- Dr. Ali
- Ms. Kanika
- Mr. Mayank
- Ms. Amrita



ELECTRONICS & COMMUNICATION ENG., ELECTRICAL & ELECTRONICS ENG.

JOURNAL CLUB ACTIVITIES



Under the Journal Club Activity, Department of ECE, SET, Sharda University organized a lecture on "Carbon Nanotube Field Effect Transistor (CNFET) for Analog Signal Processing Applications." by Assistant Professor, Mr. Shailendra Tripathi on 31st August, 2019. The session was attended by PG students & faculty members. The activity was convened by Prof. (Dr.) S. K. Mandal with coordination of Mr. Shailendra Tripathi.



Under the Journal Club Activity, Department of ECE, SET, Sharda University organized a lecture on "Analysis on Effect of Solar Module Discoloration and Correlation with Electrical Parameters Degradation" by Associate Professor, Dr. Pallavi Gupta on 7th September, 2019. The session was attended by PG students & faculty members. The activity was convened by Prof. (Dr.) S. K. Mandal with coordination of Mr. Shailendra Tripathi.

INVITATION FOR SPECIAL LECTURE

- Dr. R. M. Mehra had been invited to attend and deliver a special lecture in two days National Seminar on "Science, Yoga and Innovation: Transforming Higher Education through Knowledge Interfaces". The event was organized by Munger University, Munger, Bihar from August 21th to 22th, 2019.
- Dr. Pallavi Gupta Associate Professor ECE Dept is appointed as Executive Council Member of Sharda University for the period of Two years
- Dr. Pallavi Gupta Associate Professor ECE Dept has been granted seed funding of 2 lakh INR for project on UAV.

FDP

- **Mr. Shailendra Tripathi**, Assistant Professor ECE Dept., has attended five days **FDP on Robotics & AI** during 24th-28th June, 2019. The FDP has been organized by NIT Patna with Sharda University as Remote Centre.
- **Mr. Shailendra Tripathi**, Assistant Professor ECE Dept., has attended five days **FDP on Antenna Trends** during 1st-5th July, 2019. The FDP has been organized by NIT Patna with Sharda University as Remote Centre.
- **Mr. Shailendra Tripathi**, Assistant Professor ECE Dept., has attended five days **FDP on VLSI Chip Design Hands-on using Open Source EDA** during 8th-12th July, 2019. The FDP has been organized by NIT Patna with Sharda University as Remote Centre.
- **Dr. Pallavi Gupta**, Associate Professor and **Dr. Usha Tiwari**, Assistant Professor ECE Dept had attended event "Women in IoT" which is a knowledge engagement platform for the women technologist working in the field of the Internet of Things technology to share their work experience and Original ideas, Meet like-minded professionals, engage in meaningful discussions and Network. The event was conducted by Aeris Communication, Noida at their company premises on 9th August, 2019.
- Dr. Usha Tiwari Assistant Professor ECE Dept had attended Five days Faculty development program on "Industrial automation" at ITS college greater Noida from 22th to 26th July.

RESEARCH PAPER

Dr. Pallavi Gupta, Associate Professor ECE Dept paper "Path Planning of An Autonomous Mobile Robot With Multi objective Functions" has been accepted in 2019 IEEE International Conference on System Engineering and Technology (ICSET 2019), Malaysia.



EDUCATIONAL TRIP

One day educational trip was organized for the 5th semester students of B.Tech. ECE, Sharda University on 4th September, 2019. This trip was organized by Ms. Manisha Rajoriya, Ms. Shaheen Naz and Ms. Ritu Singh. The visit was to Advanced Level Telecom Training Centre (ALTTC), Ghaziabad. ALTTC was set up as a joint venture of International Telecommunication Union, Geneva, UNDP and the Government of India in 1975. ALTTC functions on the frontiers of Telecom Technology, finance and management and imparts training to the leaders in the business.



Dr. Pallavi Gupta Associate Professor ECE Department had visited National Institute of Solar energy Gurgaon on 29th August, 2019 with Post graduate students. The motive for this industrial visit was to make students understand the opportunities in solar energy in research as well as entrepreneurship.





ROBO_TREEE, TECHNICAL CLUB OF EEE DEPARTMENT

Department of Electrical and Electronics Engineering had organized a 30-hours workshop on "Introduction to Mobile Robots" from August 5th, 2019 under Robo_TREEE, technical club of EEE dept. students. The course has been broken into slots and after completing the slots, students will be able to develop basic mobile robots for real life and entertainment applications. On last day, Obstacle Avoiding Robot Competition will be conducted. The objective of the workshop is to impart practical knowledge and to give hand on practice. It is intended for the beginners. The Coordinator and Speaker is Mr C Mohan, Assistant Professor, EEE Department, SET.

COMMUNITY CONNECT PROGRAMME

Community Connect Programme

The third year students of ECE departments had visited two places for the "Community Connect". The first visit is visited on 16th September, 2019 to a village Buddha Khodna Khurd KP3, Greater Noida Nagar. In the visit, 32 students and three faculties (Manisha Rajoiya, Shaheen Naz and Ritu Singh) have been participated. Faculties had done interaction with government school teachers and try to understand their problems, The following points have been discussed with village people.

- Problems in agriculture
- Problems in healthcare centers
- Problems in getting government schemes





MECHANICAL & AUTOMOBILE ENGINEERING

DEPARTMENT AWARD ACHIEVEMENTS

Lean-Kaizen implementation: A roadmap for identifying continuous improvement opportunities in Indian small and medium sized enterprise' published in Journal of Engineering, Design & Technology by **Dr. Bhim Singh**, Professor & Head, Department of Mechanical Engineering has been selected by the editorial team as an Outstanding Paper in the 2019 Emerald Literati Awards. The article was chosen as a winner as the most exceptional pieces of work the team has seen throughout 2018.



Dr. Bhim Singh, Professor & Head, Department of Mechanical Engineering has been selected by the editorial team as an Outstanding Paper in the 2019 Emerald Literati Awards

RESEARCH PUBLICATIONS

A. Paul Praveen, R. Vasudevan, A. Ananda Babu and R. Sameer, Assessment of dynamic properties of hybrid ribbon reinforced multi functional composite sandwich plates: Numerical and experimental investigation, Thin walled structures-Accepted (2019), (JCR Impact factor 3.488)



WORKSHOP AND SEMINARS

- Department of Mechanical Engineering organized a Workshop on latest technology and trends in the Industrial Automation by Mr. Volkar Smith, Head Asia Pacific-Festo Didactic on 1st August, 2019. With the objective to share the information on the latest technology & trends in the Industrial Automation, the speaker facilitated the participants with FESTO agenda of providing knowledge and training in the field of Automation. The workshop was convened by Prof. (Dr.) Bhim Singh, HoD-ME with Dr. Anuj Kumar Sehgal and Dr. Himanshu Payal as coordinators to the event.
- Department of Mechanical Engineering organized a Workshop on Dynamic Simulations applied in Energy Studies by Mr. Raghuraman. L, Head-Global Business Development, SIM Info-systems Pvt. Ltd on 23rd August, 2019. The workshop facilitated faculties and students with; In-depth Process Understanding, Sound Fundamental Concepts of Process, Control and safety with DCS Operations, Understanding the Intricacy & Complexity of process dynamics and employability. The workshop was convened by Prof. (Dr) Bhim Singh, HoD-ME with Dr. Anuj Kumar Sehgal & Dr. Vineet Kumar as coordinators to the event.
- Department of Mechanical Engineering organized a Workshop on Altair Hyper works and Rapid Prototyping for Faculty members and PG students on 26th July, 2019 in association with Design Tech Systems Ltd. Delhi. Altair Hyper works Suite of Solution for Mechanical/ Automobile/Aerospace Engg. & deals with: Design for Additive Manufacturing, Simulation driven design by using Massless technology, Multi physics Simulation suite cater to Structural Analysis, CFD, MBD Simulation; Structural Optimization techniques and Manufacturing simulation for casting/Forming/Extrusion Process Simulation. The workshop was convened by Prof. (Dr.) Bhim Singh, HoD-ME with Ms. Akanksha Mishra & Ms. Saigeeta Priyadarshani as coordinators to the event.
- Under the Journal Club Activity, Department of ME, SET, Sharda University organized a lecture on "Smart Innovation Engineering (SIE): Experience-based Product Innovation System for Industry 4.0." by Associate Professor, Dr. Maqbool Waris on 7th September, 2019. The session was attended by PG students and faculty members. The activity was convened by Prof. (Dr.) Bhim Singh with coordination of Dr. Bisma Mannan & Mr. Nitish Kumar.



Mr. Volkar Smith, Head Asia Pacific-Festo Didactic on 1st August, 2019



Workshop on Dynamic Simulations applied in Energy Studies by Mr. Raghuraman. L, Head-Global Business Devl., SIM Info-systems Pvt. Ltd on 23rd Aug., 2019



Workshop on Altair Hyperworks and Rapid Prototyping in association with DesignTech Systems Ltd. Delhi. Altair Hyperworks



Dr. Maqbool Waris on 7th September, 2019
Journal Club Activity, Department of ME.



PLACEMENT NEWS

Mr. Kaushal Singh, B.Tech ME qualified in TNQT test and the subsequent technical discussions have been short-listed for a Ninja Offer with renowned TCS group. The entire department extends their sincere wishes for his bright career.

EVENTS

The students of ME celebrated the Teacher's day on 5th September, 2019. Prof. (Dr.) Bhim Singh, Prof. (Dr.) Ananda Babu, Prof. (Dr.) Vijay Gupta, Prof. (Dr.) M. M. Waris and all the fraternity of ME department were present. Head of department Prof. Bhim Singh with Prof. Vijay Gupta graced the occasion and addressed the students with the ethics and hard work inspirations.



CHIEF EDITORIAL TEAM

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Ms. Manisha Rajoriya, SUSET, Asstt. Professor, ECE Deptt

EDITORIAL TEAM MEMBERS

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Shashank Singh, SUSET, Assistant Professor, EEE Department
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