



Anshumat

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Quarterly Newsletter of

Sant Longowal Institute of Engineering and Technology, Longowal-148106

(Deemed to be University under MHRD, Govt. of India)

संत लोंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान लोंगोवाल- 148106

भारत शासन अधीन सम विश्वविद्यालय

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तुलना ना करें

दूसरों के साथ अपने जीवन की तुलना कभी ना करें।
सूर्य और चंद्रमा कभी भी एक साथ नहीं चमकते
वे तो अपने समय के लिए प्रतीक्षा करते हैं
इसलिए अपने समय का इंतजार करें।

मेरा भारत महान

भारत जमीन का टुकड़ा नहीं,
जीता जागता राष्ट्रपुरुष है।
हिमालय मस्तक है, कश्मीर किरीट है, पंजाब और
बंगाल दो विशाल कंधे हैं। पूर्वी और पश्चिमी घाट
दो विशाल जघायें हैं। कन्याकुमारी इसके चरण हैं,
सागर इसके पग पखारता है। यह चन्दन की भूमि है,
अभिनन्दन की भूमि है, यह तर्पण की भूमि है,
यह अर्पण की भूमि है। इसका कंकर-कंकर शंकर है,
इसका बिन्दु-बिन्दु गंगाजल है।
हम जियेंगे तो इसके लिये, मरेंगे तो इसके लिये।

- अटल बिहारी वाजपेयी



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Institute Activities

DIRECTOR SLIET PARTICIPATED IN NORTH ZONE VICE CHANCELLORS MEET ORGANISED BY AIU

Director SLIET participated in two day North Zone Vice Chancellors Meet (16th -17th November 2019), organised by the Association of Indian Universities (AIU), New Delhi at Shri Mata Vaishno Devi University (SMVDU), Katra, J&K, where more than sixty Vice Chancellors and Directors of various institutions, including the Officers of NAAC, AICTE, and other government bodies were engaged in a serious discussion on employability, education and entrepreneurship.



Prof. Shailendra Jain, Director, SLIET, Longowal extended the greetings on the occasion and appreciated the active participation of students, staff and faculty of the institute during the program.



SLIET CELEBRATED RASHTRIYA EKTA DIWAS

The birth anniversary of Sardar Vallabh Bhai Patel was celebrated at SLIET, Longowal as Rashtriya Ekta Diwas by students, staff and faculty along with the teams of NSS, NCC, Sports Dept., Scout and Guide wings of the institute.

Following programs have been organized on the occasion:

1. **A Pledge Taking Ceremony:** The pledge was taken for National Unity and Integrity witnessed by Students, staff and faculty of the institute.
2. **March Past:** March Past by the students of SLIET was organized to mark their respect to the nation and Sardar Vallabh Bhai Patel Ji.
3. **Run for Unity:** Students, staff and faculty of the institute participated in 'Run for Unity' to mark their respect to Sardar Patel Ji and towards the unity of Nation.



STTP on 'Productivity Enhancement Program'

The SLIET Longowal in association with VVKI Bangalore (Art of Living) organized one week STTP on '**Productivity Enhancement Program (PEP)**' in the Seminar hall of the Mechanical Block from **Aug 26th - 31st, 2019**. This course was specially designed by The Art of Living organization for the staff and faculty members working in the TEQIP- III project implementing institutes. Dr Nidhi Gupta and Er. Sumeet Kumar Arora faculty of VVKI Bangalore conducted the program for twenty-six faculty and staff members of the institute. The program comprised of modules on effective handling of stress, improving efficiency & productivity through sustained high energy levels, attitudinal shift, relaxation & clarity of mind through meditation and adhering to commitments through Brainstorming sessions, Group activities, discussions, yoga Asanas, pranayama and meditation. Dr. Navdeep Jindal and Dr. Vikas Nanda were the coordinators of this



STTP. Dr. Shailendra Jain Director SLIET speaking on the closing ceremony said that such programs will encourage the participants to put collective and sustainable efforts in institutional building and development.

Vigilance Awareness Week from 30.10.2019 to 04.11.2019

The Vigilance Awareness Week was observed at Sant Longowal Institute of Engineering and Technology, Longowal with the theme "Integrity-A Way of Life" from 30.10.2019 to 04.11.2019. The Central vigilance commission has chosen the theme for this year as "Integrity-A Way of Life" in the memory of Bharat Ratna Sardar Vallabh Bhai Patel as he is a role model for honesty, integrity and probity in public life for all of us. Dr. Pardeep Gupta as CVO along with other faculty/staff/student members conducted various activities during this week for creating awareness among the SLIET residents. The Integrity pledge taking ceremony was held on 30.10.2019 in which Dr. Shailendra Jain, Director, SLIET, all Deans, Registrar, faculty, staff and students participated. Dr. Shailendra Jain, Director, SLIET addressed the audience for cultivating and promoting moral values of integrity in all aspects of our lives for building a New India. The different activities were conducted in the Institute to organize the Vigilance Awareness Week such as

organization of awareness gram sabha, slogan writing, poster making competition on anti-corruption, essay writing on prevention of corruption in society, walkathons with a purpose to promote awareness on anti-corruption, and a workshop on 'Integrity- A way of life'. Faculty, staff and students participated in the various activities with enthusiasm and zeal.

STUDENT SOLAR AMBASSADOR WORKSHOP-2019

The Gandhi Global Solar Yatra (GGSY) is planned to promote self-sufficiency in energy for sustainability by providing complete, cost-effective, reliable, and sustainable solar energy access while protecting the environment, creating livelihoods and empowering locals. Sant Longowal Institute of Engineering and Technology, Longowal was a Workshop Associates to an endeavour of IIT Bombay in sensitization of over 1 million students towards adverse effects of climate change and making them future propagators of renewable energy, creating Global Student Solar Ambassadors for Gandhi Global Solar Yatra (www.ggsy.in) and commemorating the 150th Birth Anniversary of Mahatma Gandhi. The Student Solar Ambassador Program, the seed concept of the Gandhi Global Solar Yatra, aimed to sensitize the young (future) generations who will be bearing the maximum burden of climate change. Their sensitization and participation as solar ambassadors in climate mitigation



efforts are important. Here at SLIET, Longowal workshop was organised on 2nd Oct. 2019 for hands-on-training to more than 300 students to make their own solar study lamps and sensitize them towards solar energy and pledge non-violence towards environment. The solar lamp kit was procured from donations received from faculty members of the institute for this noble cause. The student solar ambassador workshop was organised by SLIET Science club under the chairmanship of Prof. M M Sinha HOD (Physics).

AICTE Faculty Development Programme (FDP) for Student Induction on Universal Human Values Organized at SLIET Longowal

Faculty Development Programme (FDP) for Student Induction on Universal Human Values was conducted successfully from 15th to 17th November, 2019 at SLIET, Longowal.

The FDP was inaugurated on 15th November 2019 by Prof. Shailendra Kumar Jain, Director SLIET Longowal in the presence of Prof. Ajat Shatru Arora Dean (Academics) & Prof. D. C. Saxena Dean (Student Welfare). Dr. R. S. Uppal, Associate Professor, BBSBEC Fateh Garh Sahib, was the resource person in the event. The purpose of the FDP was to provide a common platform for the teachers and professionals in the technical institutions to aware the students and inculcate moral and human values among them. Dr. Ajay Pal Singh, Local Coordinator welcomed all participants and gave the overview of the program. Total 53 participant attended the program out of which 43 were internal participants and 7 were external participants.



SLIET ANNUAL FESTIVAL Madhuram-2K19

Annual Fest of Sant Longowal Institute of Engineering and Technology, Longowal "Madhuram- 2K19" was organised on 11th and 12th October, 2019 with more enthusiasm and zest than last years as this time the whole fest was competitive attracting a bunch of creative and talented students from across the country. This year's festival also included social fest which targeted on the overall development of the student and helped them to inculcate ethical values. Events included Social Talk, Cloth Pyramid, Medical Camp, Street Play, Book Tower, Online Lectures etc. On the other hand cultural fest played a foremost and embarking role in the student's life.. With participation in the fields of dramatics, dance, film and photography, music, creative writing, and informal events with a quirky twist, the fest helped students pick up a variety of skills. A number of pre-events for the students including logo designing, tagline competition, t-shirt designing, jam-it, 2 min videos, sketching, photography, cultural quiz, motivated the students to participate in the event even more. One could feel the energy at the entrance of the campus, as there were huge banners and posters denoting- " Madhuram-2k19- 11th and 12th October" welcoming our very esteemed sponsors and the student fraternity from different institutes. The inauguration of the event set floor in the ISTE hall, with Mr. Ravee S Ahluwalia, Founder- Patiala Foundation as the Guest Of Honour and Dr. Shailendra Jain as the Chief Guest of the inauguration ceremony. It was later followed by the Social Talk from our honourable Guest Of Honour, which included the working of his NGO and the social responsibilities which ought to be indulged by one. The dignitaries then inaugurated the fate area, followed by the inauguration of the cloth pyramid, book tower and medical camp. This time the fate area had profusion of surprises for the students as well as the faculty. Evening was even more exciting with a ton of programs in the bag for everyone. The students dressed in their best and the tone of decoration was so festive that it set the mood for the celebrations. As soon as our Chief Guest Dr. Shailendra Jain, Director Sliet along with other dignitaries arrived the cultural fest was declared open. With a plethora of aesthetic and eye catching performances including singing,





dancing (bhangra, western dance, nati etc), choreography, fashion show, taekwondo the whole region was dancing on the beats. One of the most surprising element for the students was the fashion walk by the Vintage Fashion society where the students from Delhi University participated and grabbed second position in the competition. The continuous motivation and inspiration from our Dr. Damanjit Singh, (Chairman, Madhuram-2k19), Dr. Pratibha Tyagi (Co Chairman, Cultural Fest) and Prof. Arvind Jayant (Co Chairman, Social Fest) made this event a grand success.

Book Tower

Book Tower was on display during MADHURAM – 2K19 in order to inculcate reading habits amongst students. The his event was inaugurated on 11th October, 2019 by director Prof. S.K. Jain, Prof. A.S. Arora (Dean, Academics), Dr. D.C. Saxena (Dean, SFW), Dr. Damanjeet Singh (Chairman, Madhuram'19), Dr. Arvind Jayant (Vice Chairman, Madhuram'19), Dr. Pratibha Tyagi (Vice Chairman, Madhuram'19), Kanika Aggarwal (Faculty Coordinator, Book Tower) and other faculty members were also present. During this event, books were distributed among the poor villagers and students. This event was free of cost for villagers. The books were offered to Institute students and faculty, for nominal charge of 10 rupees for 1 book. The books were collected from the donors including faculty and students of SLIET. On 11th October and 12th October, many needy people visited Book tower and collected the books.



CLOTH PYRAMID

The motive of organizing Cloth Pyramid was to help the needy people by distributing clothes among them. The cloth

Pyramid was unveiled on 11th October, 2019 by director Prof. S.K. Jain, Prof. A.S. Arora (Dean, Academics), Dr. D.C. Saxena (Dean, SFW), Dr. Damanjeet Singh (Chairman, Madhuram'19), Dr. Arvind Jayant (Vice Chairman, Madhuram'19), Dr. Pratibha Tyagi (Vice Chairman, Madhuram'19) and other faculty members. During this event, clothes were distributed among the poor villagers free of cost. The clothes were contributed by the donors from the various sections of society including students, staff and faculty.

Parliamentary Session was organised under Madhuram'19

On the 2nd day of Socio-Cultural fest Madhuram'19, SLIET organized a social event Parliamentary Session on 12th October, 2019 at 2:30pm in the Mini Auditorium, CSE Block. The Faculty Co-ordinator of this event was Miss. Shikha (Assistant Professor, CSE Dept.) and the convenor was Ajit Kumar. And the judge was Yogesh Kapil (Assistant Professor of Mathematics Dept.). The event was organised to strengthening the roots of democracy, including the healthy habits of discipline, tolerance. This event which imitated the working of a Parliament Discussion and the discussions were held on various topics given to the participants and they had very healthy debate on that topic. The winners of the event were Tatvabodh Arya and Tejashwani Sharma.

STAR NIGHT – CROWNING GLORY OF MADHURAM-2K19



The crowning glory of the whole event was the star night by heart-throb of thousands, followed by millions, singer of very famous songs Laavan and Main Vichara-Armaan Bedil. A versatile singer by nature as his roots lies in Hindi as well as Punjabi music. His husky and silvery voice mesmerised the whole throng. It was one such performance which can't be taken out from someone's mind.

This would have been impossible without the contribution of esteemed sponsors which included: HDFC- Event Sponsor

Ram Pratapjit Paul Jewellers- Star Night Sponsor

Other Partners- Boston Bites, Burger Bar, Gift Garden, Fateh Creation, Hardeep Sports and Shaad Salon.

Cultural Events held during Madhram-2k19

Two days cultural events were held on 11th and 12th Oct. 2019 were held having solo singing, solo dance, choreography, Nukkad Natak, Fashion show, Rap battle. the



two day event was innagurated by the guests of the event Mr. Jasvinder Singh, Relationship Manager HDFC BANK Mr. Rajesh Sneh DSP Sangrur, Mr. Rahul Partap Singh , Managing Partener of RRP Jewellers .



Social Work Expo

The organisations active in social work were invited to the SLIET by MADHURAM team, and were requested to explain about social works and other activities organised by them for the welfare of society. The auduience came to know that how every part of the society can contribute towards the good cause. Various NGOs displayed the work in the field of rural development, women empowerment and education. Prof. A.S.Arora (Dean, Academics), Dr. Damanjit Singh (Chairman, Madhuram'19), Dr. Arvind Jayant (Vice Chairman, Madhuram'19), Prof. Pratibha Tyagi (Vice Chairman, Madhuram'19), Dr. Manoj Goyal (AsP, Mechanical Department) and other faculty coordinators were present at Social Work Expo.



Follwing NGOs Participated in Social Work Expo:-

- 1) Dr. Bhimrao Ambedkar Society, Kharol
- 2) Sarswati Educational & Welfare Society, Cheema
- 3) Baba Farid Memorial Educational & Welfare Society, Longowal
- 4) KuchKaro Foundation, Sangrur
- 5) Azad Handicapped Union, Sunam
- 6) Upkar Foundation, Barnala
- 7) Haridas Club, Malerkotla
- 8) Sant Harchand Welfare Society, Longowal
- 9) C & M Skill Society, Ubbawal
- 10) Happy Club, SLIET Longowal

RURAL DEVELOPMENT WORKSHOP

The workshop on rural development under the theme Unnat Bharat Abhiyaan was organized on 11th October 2019 in seminar hall of Mechanical Block. The workshop was a part of two-day 'Madhuram-2K19' organized in the institute from





11th to 12th October 2019. The objective of the workshop was to create awareness on organic farming, good governance, inculcating the entrepreneurial spirit amongst the rural artisans of the villages. Another objective of the workshop was to promote of small scale industries, livelihood, sustainable energy management, basic amenities under Unnat Bharat Scheme, and flagship Programme of ministry of human resource development Government of India. At the outset, Prof. Pardeep Kumar Jain, project coordinator of Unnat Bharat Abhiyaan welcomed the guests and highlighted the objectives of the scheme. He advised the young generation to become self-reliant by developing entrepreneurial skills and aim to upgrade themselves as job –creators instead of job- seekers. Under the scheme, the project team motivated and guided more than 5000 students of adopted villages for self-employment. After that Unnat Bharat Abhiyaan school teachers and principals of the different villages came one by one on the stage and narrated the problems which their school students are facing

FREE DENTAL CHECKUP AT SLIET HEALTH CENTRE

To enhance the awareness about oral health, a free dental check-up camp was organized during Madhuram 2k19 at SLIET health centre. Dr. Sandeep from Civil Hospital, Longowal was the visiting doctor. The students exhibited lot of enthusiasm and participated in great number. The doctor gave tips regarding the dental health and advised dental check-up after every 6 months.



Blood Donation Camp

On the first day of Socio-Cultural Fest Madhuram'19, SLIET organized a Blood Donation camp on 11th Oct, 2019 at 9:30 am in the Health Centre, SLIET as a part of the social welfare endeavour. This camp was organized with the help of Mittal Health Care Blood Bank. Many faculty and staff members, students and villagers donated blood for saving the life of needy people.



Sports Activities

SLIET football (Boys) team participated in Inter-technical university football tournament for boys. The football tournament was hosted by Thapar Institute of Engineering and Technology, Patiala on 02.11.2019.

SLIET cricket (Boys) team participated in Inter-technical university cricket tournament for boys and acquired 4th position. The tournament was hosted by Thapar Institute of Engineering and Technology, Patiala on 02.11.2019.



Department Activities

Department of Mechanical Engineering

- An expert lecture on "Automation in Welding Technology" was delivered by Er. Harpreet Singh Bhui, Director, Brahm Engineers, Mohali on 16th October 2019.
- A TEQIP-III sponsored 2-day training programme on "Industrial Quality Tools" was organized by Department of Mechanical Engineering for UG and PG students

during 16-17th October 2019. Dr. Rakesh Kumar and Dr. Anil Singla coordinated the activity.

- A Technical lecture on "Preparation of GATE-2020 Examination" was delivered by experts from Gate Forum, Chandigarh on 30th October 2019.
- Department of Mechanical Engineering has organized AICTE Training and Learning (ATAL) Academy Programme on "3D Printing and Design (3DPD-2019)" during 09-13 December 2019. Er. Dakshina Ranjan, Vice President Kangro Industries Ludhiana was Chief Guest in inaugural function. Er. A.P. Sharma, General Manager, CTR Ludhiana was Chief Guest in Valedictory function of the ATAL course. The course Coordinator was Prof. Rajesh Kumar. Prof. Pardeep Gupta and Prof. R.K. Saxena were Co-coordinators of the programme.



Participants of ATAL course on "3-D Printing and Design"



Felicitations of Chief Guest of Valedictory function Er. A.P. Sharma, General Manager, CTR Ludhiana in ATAL course on "3-D Printing and Design"



Address by Coordinator, Prof. Rajesh Kumar in ATAL course on "3-D Printing and Design"

- An expert lecture on "Application of Additive Manufacturing" was delivered by Dr. Sanat Agarwal, NIT, and Uttarakhand on 10th December 2019.
- An Additive Manufacturing Laboratory has been established in Mechanical Engineering Department. Polymer cum Ceramic and a Metal-Polymer 3D printing machining setup were installed in the laboratory.
- Department of Mechanical Engineering Successfully submitted the Self-Assessment Report (SAR) for NBA accreditation of UG course in month of December, 2019.
- The Institution of Engineers (India) - SLIET Diploma chapter had organized following events during the month of October and December.



3D Printing Machine

S. No.	Name of event Organized	Dated
1.	Swachh SLIET Abhiyan	2-10-2019
2.	Quizzard event	17-10-2019
3.	Technical Quiz (TECHINFO)	12-12-2019

Department of Computer Science and Engineering

Visit of Prof. Klimis Ntalianis, University of West Attica, Athens, GREECE

Prof. Klimis Ntalianis, University of West Attica, Athens, GREECE visited the Department of Computer Science and Engineering, SLIET, Longowal. During the visit, Prof. Klimis interacted with the faculty and Staff members of the CSE Department, SLIET, Longowal. Prof. Klimis has given an Expert talk on the topic "Human Authentication" to more than 80 students (UG, PG) and PhD Research Scholars on dated 26/11/2019. Prof. Klimis has interacted with a special session focused on Research for the PhD Scholars and PG students on dated 27/11/2019. Prof. Klimis also suggested the research and future perspectives of social computing to the faculty and staff,

Prof. Vijay Mago, Lakehead University, Canada visited the department of Computer Science and Engineering, SLIET,



Visit of Prof. Vijay Mago, Lakehead University, CANADA

Longowal. During the visit, Prof. Mago interacted with the faculty and Staff members of the CSE Department, SLIET, Longowal. Prof. Vijay Mago has given an Expert talk on the topic "Use of Machine Learning and Optimization to solve real life processes" to PG students and PhD Research Scholars on dated 17/12/2019. Prof. Mago also suggested the research and future perspectives of Machine Learning and Optimization to the faculty and staff.



Department of Electronics and Communication Engineering

SHORT TERM COURSE ON "Nano-Electronics And VLSI: Devices, Circuits And Systems" IN COLLABORATION WITH NIT UTTARAKHAND

Department of Electronics and Communication Engineering, SLIET Longowal, organized a TEQIP-III sponsored five day short term course on "Nano-Electronics and VLSI: Devices, Circuits and Systems" in collaboration with NIT Uttarakhand at NIT Uttarakhand during 4 to 8 November, 2019. Prof. J S Ubhi and Er. Pankaj Kumar Das was the convener of the event. Dr. BK Kaushik, Associate Professor, IIT Roorkee, was the chief guest of the inaugural function. Main objective of



the program was to provide broad exposure to the participants about the various aspects of Nano-electronics and VLSI design from device level to low power circuits and systems. Eminent experts from academia as well as from research organizations were the resource persons in the event. Total 25 participants participated in the event including research scholars and faculty members of various institutes. Valedictory ceremony was graced by Er. HS Jatana, Scientist-G, SCL Chandigarh, as chief guest of the ceremony.

TEQIP-III SPONSORED TWO DAY WORKSHOP

Department of Electronics and Communication Engineering, organized a TEQIP-III sponsored two day workshop on "Low Frequency (LF) and High Frequency (HF) Design using Tarang: 19" at SLIET Longowal, during 5-6 October 2019, for the undergraduate students of the institute. The event was coordinated by Er. Kuldeep Singh and Er. Vivek Harshey, under the guidance of Prof. J S Ubhi. Er. Swapnil Narhari Gaul, Founder and Director, NUMEREGION, was the resource person for the workshop. Around 40 students participated in the workshop. First day of the workshop covered the insight on circuit simulations, whereas on the second day, need of 3D software for the design of electronics systems, problem of signal crosstalk, issues of electromagnetic interference/electromagnetic compatibility, modeling and simulation of Antenna and need of S parameters analysis at higher frequency was discussed. Valedictory ceremony was graced by Prof. DC Saxena, Dean (SW), SLIET, Longowal.



Management & Humanities Department

Celebration of Constitution Day on 26.11.2019 at SLIET, Longowal

Constitution day was celebrated at Sant Longowal Institute of Engineering & Technology, Longowal, Sangrur, Punjab with a lot of fervour and enthusiasm. The programme was organised jointly by Department of Management & Humanities and SLIET Electoral Literacy Club. The highlight of the celebrations was the LIVE Telecast of Hon'ble Prime Minister Sh. Narendra Modi Ji's speech on the occasion of 70th anniversary of Indian Constitution. The programme was attended by the large gathering of the students, faculty and staff. On this occasion, The Preamble of Constitution was read by the Director, SLIET followed by the audience gathered in the jam-packed hall. Dr. Harish Chopra, Registrar and Dean P&D, Dr. D. C. Saxena, Dean (SW), Dr. Rajesh Kumar, Professor, Mechanical Department and Dr. Sanjeev Garg, HOD, Civil Department graced the occasion. To mark the constitution day, number of activities were organised by the students in the form of essay writing competition and debates highlighting the various features of the constitution. Prizes and medals were also given to the winners. The

coordinators of the programme Dr. Parveen Kaur Khanna, Department of Management & Humanities; Dr. Pardeep Kumar Jain, Department of Management & Humanities and Dr. Kulwant Singh, Department of Mechanical Engineering have decided to celebrate the event throughout the year in the form of expert lectures, interactive sessions and celebrations of voter's day to name a few.



Department of Food Engineering and Technology

World Food Day celebrated

To celebrate the World Food Day (WFD), the Department of Food Engineering and Technology, SLIET, Longowal has organized several events in a spread of one-week program and concluded on 16th October 2019. Organized events and participation of the students were seen on full enthusiasm. Some of the organized events were Processed Products manufacturing at pilot plant scale by the students of departmental self-help group, Quiz competition, Poster Presentation, Product Development, Food craft, Cross word competition, Debate During the various activities On the World Food Day the Director, SLIET has visited and seen the outcome of outstanding performers of food craft competition and food development product competition. The prizes and certificate was distributed by the Director to the winners of the various competitive events.



(B) Department of Food Engineering and Technology has organized two days Workshop on HACCP from 19 – 20, October 2019. More than thirty numbers of students of the department have participated in the organized event and successfully cleared the requirements of the organized

program. This workshop was the joint collaboration of International Institute for Technical Teachers (IITT), Dehradun and Regional Food Research and Analysis Centre (RFRAC), Luck now.

Department of Chemical Engineering

- Fresher welcome function "Navtarang" was organized for newly admitted chemical engineering student on 16th October, 2019 in ISTE hall, mechanical engineering department, of the institute. Apart from student, staff and faculties of the department, other dignitaries were also present during the function.



- Industrial visit was arranged for the GCT/2016, final year students of the department on 21st October, 2019 at Kuantum paper Limited, Hoshiarpur, Punjab. Dr. Gulshan Kumar Jawa, Associate Professor & Ms Seema Rani (Technician Adhoc) accompanied the students during their aforementioned visit.
- Industrial visit was arranged for the GCT/2017, Pre final year students of the department on 11th November, 2019



at KRBL, Dhuri, Punjab. Dr. S.M. Ahuja, Professor, Dr. Gulshan Kumar Jawa, Associate Professor & Ms Seema Rani (Technician Adhoc) accompanied the students during their aforementioned visit.

- IEI Regular weekly sessions are conducted by the students amongst them under Learn and Share activity of institute of engineers India (IEI).



Faculty/Staff Activities

- The Prof. Carl Hoseney Award is conferred to recognize honour and encourage a Scientist / Technologist, who made significant contribution to the development of Cereal Science and Technology. This award is open to Indian Scientist / Academician working in either India or Abroad. This award for the year -2018 was conferred upon Dr. D.C. Saxena, Professor, Department of Food Engineering and Technology for his astounding services in the field of Cereal Science and Technology by ASSOCIATION OF FOOD SCIENTISTS & TECHNOLOGISTS (INDIA), CSIR-CFTRI Campus, Mysuru-570020, Karnataka, INDIA on 30th January 2020 in the 27th ICFoST-2019 (Indian Convention of Food Scientists and Technologists) held at Tejpur University, Tejpur, Assam.



- Scopus indexed publication (November 2019) of Dimple Rani and Vinod Mishra, Solving Linear Fractional Order Differential Equations by Numerical Inversion of Laplace Transform, Mathematics in Engineering, Science and Aerospace 10 (2019), 781-791.
- Faculty members of Electronics and Communication Engg. Department, SLIET Longowal, delivered expert lectures in NIT Uttarakhand (Jaipur Campus), under twinning arrangements to cover the syllabus of their UG students during 4 to 6 November, 2019. Er. Vipul Singhal, Assistant Professor (ECE), delivered expert lectures on the topic 'Transmission Lines' whereas Er. Vivek Harshey, Assistant Professor (ECE), delivered expert lectures on the topic 'Z-Transform'.

- Prof. Amandeep Singh Shahi (Mechanical Engineering) has delivered an Expert Lecture in a one day workshop on "Improving Weld Quality and Productivity", conducted by Chamber of Industrial and commercial Undertaking (CICIU), Ludhiana, Punjab on 9th November 2019. Over 60 technical personnel including unit heads as well as supervisor from 30 industries nearby Ludhiana attended this workshop.
- Er. Lalit Ahuja, AP (Mechanical) has presented a research paper entitled "High Temperature corrosion Performance of Ceria-doped Cr₃C₂-NiCr coated superalloys under actual medical waste atmosphere" in international conference IMMT-2019 organized by BITS Pilani (Dubai Campus) during 20-22 Nov., 2019.
- Prof. P. K. Gupta and Er. Anuj Bansal, faculty members of Mechanical engineering department have visited NIT UK (Jaipur Campus) in November 2019 for covering the syllabus of UG students. For the similar activity, Er. Surinder Kumar visited NIT UK, Srinagar in the month of November 2019.
- Dr. Amrik Singh has attended 2 days workshop on "Low Cost Automation Culture towards Intelligent Automation-Industry 4.0 (LCA)" organized by Confederation of Indian Industry (CII) at Aurangabad during 10th -11th December 2019.

Students' Activities/Achievements

SLIET STUDENT SACHIN KORLA AND ASHTOSH WON DELL COMPASSADOR COMPETITION

Sachin Korla, a student of degree third year from GCS Department won this year's Dell Compassador competition reviving the glory of SLIET. Sachin was among the 600 shortlisted compassadors in the competition. The total applications were over 24K. The Dell Compassador starts off with an aptitude test followed by a number of personality test. The shortlisted Compassadors were then given various tasks on the basis of which they would be judged. Sachin stayed at the top in most of the tasks. Ashutosh, a degree 4th year student of Electronics Department was the fellow Compassador of Sachin. Together they brought the best college award to SLIET. They received a fully sponsored 3-day trip to the Dell factory in Chennai. The finals were held at Dell HQ in Bangalore. Ashutosh and Sachin were accompanied by Dean (Academics) Prof. Ajat Shatru Arora. The felicitation was done by Mrs. Ritu Gupta, Director Dell India. "It was the best and the most luxurious experience of my life" says Sachin.



SLIET Team Green Rangers Bags two awards at Efficycle 2019 (Advance category)

The 10th season of "Efficycle 2019" (Technological Advancement Season), a student competition by Society of Automotive Engineers Northern India section (SAE-NIS) was recently hosted at Lovely Professional University (LPU), Jalandhar from 01st-05th October 2019. SantLongowal Institute of Engg.& Technology (SLIET), Longowal team "Green Rangers 2019" under the guidance of Dr Shankar Singh, Professor (Mechanical) as Faculty Advisor, conceptualized a green and innovative project, which required designing and later fabricating a three-wheeled hybrid human powered vehicle. This pollution free and reliable vehicle has the capacity to act as a good viable option for local transportation. Consequently, the SLIET team "Green Rangers 2019" (thirteen team members- 11 from Mechanical and two from Electrical department) participated in Efficycle 2019- Advance Category. The vehicle number assigned was 108. The SLIET team outperformed the participating teams including IITs, NITs and were adjudged the Winner of Mass Pull Award/Gradient Simulator Award (Advance Category) and Utility Demonstration Award (Advance Category), along with cash award. The Captain and



Vice-Captain of the team "Green Rangers 2019" were Varun Prajapati and Lovepreet Singh, respectively. The team under the dynamic guidance of Prof. Shankar Singh has been participating successfully in Efficycle events since 2014. The aspirations and efforts of the team are well appreciated by Dr. Shailendra Jain, Director, SLIET.

The Institution of Engineers (India)- SLIET (Diploma) Students chapter Activities

The Institution of Engineers (India)- SLIET (Diploma chapter) has been playing a critical role in defining excellence and setting up benchmark for upliftment SLIET students by organizing the multilevel technical events. The chapter dissemination and updating the current engineering and technological knowledge. The 23 students of ICD batches have been registered for the new membership in the month of December 2019. The three events were organized from 01 July 2019 to 31 December 2019 under this chapter. The Swachh SLIET Abhiyan was organised on 02 October 2019 the occasion of birth anniversary of Mahatma Gandhi. The awareness message was delivered by Dr. Rakesh Kumar faculty, advisor on Swachh SLIET Abhiyan. He also distributed Dettol soap to the participants. The Quizzard event was organised to encourage students to look beyond their textual on 17 October 2019. The Technical Quiz (TECHINFO) event was organised to update the current technical knowledge and establish a relationship between theory and practical applications of the learnt concepts on 12 December 2019.



Team 'ANSHUMAT'

Patron : Dr. Shailendra Jain, Director; Advisor : Dr. Ajat Shatru Arora, Dean (Academics).

Dr. Sanjeev Kumar Garg, Associate Prof. (M&H)-Editor-in -Chief

Editors: Dr. Pratibha Tyagi, Associate Prof. (EIE), Dr. Vinod Kumar Verma, Asstt. Prof. (CSE); Dr. Vinod Meena, Asstt. Prof. (CE); Mr. Vipul Singhal, Asstt. Prof. (ECE); Dr. R. K. Guha, Prof. (Maths); Dr. R.K. Mishra, Head (T&P); Dr. Om Chand, Sr. Tech. (FET); Dr. Navdeep Jindal, DR (Academics) / Mr. Sarabjit Singh, SSS

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