



# Anshumat



Quarterly Newsletter of

**Sant Longowal Institute of Engineering and Technology, Longowal-148106**

Deemed to be University under Ministry of Education (MoE), Govt. of India

संत लोंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान लोंगोवाल-148106

भारत शासन अधीन सम विश्वविद्यालय

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## MESSAGE FROM DIRECTOR



I am happy that institute is releasing the 22<sup>nd</sup> issue (Vol. VI, Issue II) of ANSHUMAT, quarterly newsletter of SLIET. Newsletter of an educational institute is the mark and indication of its activities, mobility, achievements and activeness of a vibrant campus, necessary for the holistic development of students.

I wish to congratulate the Team ANSHUMAT led by Prof. Sanjeev Kumar Garg on this achievement, and hope that the institute will keep publishing the activities and achievements with the same spirit.

The positivity reflected in the name 'ANSHUMAT' signifies the radiance of knowledge that SLIET imbibes in its soul ignited with keen curiosity and passion for learning. Current issue of ANSHUMAT underlines the vibrant events happened in the institute and the achievements of the various stakeholders in the Institute during past three months. The objective of ANSHUMAT is to disseminate such prolific information about our Institute. I hope the issue will be aptly informative and useful. I once again congratulate team ANSHUMAT, faculty, staff and students who collectively helped publishing ANSHUMAT for the past six years.

JAI HIND JAI BHARAT

**Prof. Mani Kant Paswan**

Director, SLIET



## निराशा और दृढ़ संकल्प

असफलता कमजोर लोगों के लिए निराशा है। युवाओं के लिए दृढ़ संकल्प का अवसर।

## भाग्य और मेहनत

भाग्य तो तभी साथ देता है, जब आप मेहनत और लगन की कमान थामते हैं।

## जंगल और ऊर्जा

जंगल हमारी ज़मीन के फेफड़े हैं, जो हवा को शुद्ध करते हैं और हमें नई ऊर्जा देते हैं।



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## IMPORTANT EVENTS, ACTIVITIES AND ACHIEVEMENTS

### Professor (Dr.) Mani Kant Paswan joined as Director SLIET



Professor (Dr.) Mani Kant Paswan joined as Director SLIET, Longowal. On his appointment by Ministry of Education Government of India, Professor (Dr.) Mani Kant Paswan took over the charge of Director SLIET, Longowal. Prof. Paswan is on deputation from National Institute of Technology (NIT) Jamshedpur where he was Dean (Faculty Welfare) since August 2021. He also served as Head of Mechanical Engineering Department NIT Jamshedpur, as President Nominee at all NIT faculty recruitments, as well as at Central University Guru Ghasidas Bilaspur, Chhattisgarh. He also served as Senate member of NIT Meghalaya. He is working as academic council and Board of Studies member of various universities such as Sarla-Birla University Ranchi, Amity University Kolkata, Amity University Ranchi, Arka-Jain University Jamshedpur etc. He is working as Nominated Moderator by AICTE of two Universities in Jharkhand

Ram namely Govind Singh Engineering College Koderma and Chandravanshi Engineering College Gadhwa. He also worked as an Accessor in NAAC and NBA.

During his nearly three-decade teaching and research career, he has been an investigator on several funded research projects in MHRD (R&D), TEQIP, and various consultancy work. Renewable energy, composite materials, power plant engineering, and industrial applications are among his current research interests. He has over hundred papers published in prestigious journals and has attended over 25 conferences. He was supervisor and research supervisor associate of eight PhDs to date, with another six currently in progress. He has also supervised 63+ M.Tech scholars and 31+ B.Tech project groups to date. Prof. Paswan is a leading proponent of solar thermal heating systems and natural fibre composite materials.

### SLIET participated in Mega Blood Donation Camp

Team SLIET participated in Mega Blood Donation Camp, organised by S S Jain Sabha, Sangrur, held on 8<sup>th</sup> April 23. SLIET students contributed 45 units for this noble cause.



## HEALTH CHECK-UP CAMP

Health Centre organized three days health checkup camp during 11.04.2023 to 13.04.2023 for students of Kendriya Vidyalaya School, SLIET Longowal as a part of World Health Day celebration 2023. Team of medical officers and paramedical staff was deputed for smooth conduct of the camp. Thorough checkup of all the students of school was carried out by the SLIET Health Centre team.





## 100<sup>th</sup> EPISODE OF MANN KI BAAT

Students of SLIET attended the 100<sup>th</sup> episode of Mann Ki Baat by honorable prime minister Narendra Modi via online mode in HS-8 classroom (smart classroom) in Science Block. Happy Club's Faculty Advisor Dr. Yogesh Kapil along with Prof. R.K. Guha and Miss Anju (RS Mathematics) attended the session. Many students from the Boys' Hostels as well as Girls' Hostel also attended the session remotely. The main message students get to know by attending the session is that citizens of India are special people and need to have the confidence to act in a manner that assists in pushing forward the trajectory of the country. Respectable PM Modi ji also emphasized that as far now the previous sessions of Mann ki Baat had impacted a lot on people all over the country, and are expecting more innovations in the upcoming future.



Students & teachers from the classroom attending Mann ki baat.



Students from hostels attending Mann ki Baat

## RENOVATION OF CAMPUS FACILITIES BY ESTATE

Store and Purchase Section has been renovated as a part of continuous growth and development of the institute. The newly renovated Store & Purchase Section of the institute was inaugurated by Prof. Shailendra Kumar Jain, Hon'ble Director, SLIET on 05.06.2023 (Monday). Registrar, Deans, HoDs and Section In-charges also graced this occasion. The Section In-charge and staff members of Store & Purchase Section welcomed all the invitees. The works included Repair/renovation of Store & Purchase Section, Exterior Repair/Renovation in Boys Hostel No. 10, Repair/Renovation of 15 Nos. of residential quarters (i.e. 13 Nos Type-III, 1 No. Type IV and 1 No. Type-V), Renovation of Quarters External (Type-V) and Up-gradation of flooring in Estate office.



## TECH-AUCTION

Knowledge-based fun event organized by ISTE on April 9<sup>th</sup>, 2023 with more than 200 participants actively participating in the event, it sounds like it was a great opportunity for individuals to come together and engage in a fun and educational activity. The virtual bugs given to each group added an element of fun and excitement to the event, and it's great to hear that there were five booths for every department and one fun zone. The presence of booth coordinators and their members ensured that participants had a smooth experience while visiting each booth. The question papers of 10, 20,

and 30 points added a competitive edge to the event, with participants being marked on every correct answer. The auction at the end of the event, where groups had to bid according to their points scored, was a great way to bring the event to a close. It's fantastic to hear that three groups won the cash prizes, which was undoubtedly a highlight of the event. Overall, it sounds like the event was very well designed and organized by the members of ISTE, and with the great efforts of the participants, the event was a great success full of enthusiasm.





## SLIET - Punjab's Top Ranked Government Engineering & Technology University

SLIET Longowal is Punjab's Top Ranked Government Engineering & Technology Universities ranked in the EducationWorld India Higher Rankings 2023-24 ranked by Education World.

 <b>Punjab Top Ranked Government Engineering &amp; Technology Universities</b> 			
RANK	Institute	RANK	Institute
1	Punjab Engineering College (PEC), Chandigarh	2	Sant Longowal Institute of Engineering and Technology (Deemed University), Longowal, Sangrur
The complete higher education rankings league tables are available on <a href="http://www.educationworld.in">www.educationworld.in</a>			

## CELEBRATION OF IMPORTANT DAYS

### National Technology Day

The institute celebrated National Technology Day on 11 May 2023. Dr. Dipanwita Haldar, Scientist, Indian Institute of Remote Sensing, Dehradun delivered talk on "Remote Sensing Technology for Agriculture" and interacted with the participants. A total of 80 students attended the programme. The event was coordinated by Dr. Ashwani Kumar Aggarwal, IEEE Branch counsellor at SLIET.



### International Yoga Day 2023



9<sup>th</sup> International Yoga Day was celebrated in the Institute on 21<sup>st</sup> June, 2023 with full enthusiasm and vigour. On this occasion special Yoga session was organised. All the Yoga Exercises were performed through melodious songs and Yoga postures to mark the occasion. Prof. Shailendra Jain, Director of the Institute also spoke on the occasion. He highlighted the importance of Yoga for healthy mind and healthy body. All the Programmes were coordinated and managed Yaga and Health Club SLIET.



### World Cycle day

Team Cycle One successfully conducted Cycle Marathon on the occasion of World Cycle day at SLIET, Campus. Those present included Dr. Shailendra Jain (Director SLIET), Dr. Rajesh Kumar (Dean Student Welfare), Dr. Manoj Goyal (Faculty Advisor CycleOne), other faculty members and students who actively participated in the event and conveyed the message of green and pollution free SLIET.



## World Earth Day Celebrated

The Institute celebrated Earth Day main event on 21<sup>st</sup> April 2023 under Coordinatorship of Prof. V. Mishra. A major part of the program included four invited lectures by internal faculty members on earth systems science, environment and preservation, quiz conduct and poster presentation. The event was inaugurated by Director of Institute Prof. Shailendra Jain-Chief Guest and Patron-with the release of Souvenir. Winners of quiz and posters were issued Certificates of Awards/Merits. The program was attended by Deans, HODs, faculty & staff members and students. The important activities held as a part of celebration were quiz competition, Poster Presentation Competition, Semi-Classical Dance, Sur & Rhythm Team (Semi-Classical Song) and invited lectures by internal faculty members. The invited lectures during Earth Day were held on the following topics.

Lecture-1 on the topic FROM A COMMON MAN'S PERSPECTIVE by Dr. Suram Singh Verma, Professor Department of Mathematics, SLIET.

Lecture-2 on the topic EARTH SYSTEMS SCIENCE: GEOPHYSICS AND SEISMOLOGY by Dr. Vinod Mishra, Professor Department of Mathematics, SLIET.

Lecture-3 on the topic MARINE POLLUTION by Dr. Hemant Kumar, Assistant Professor, Department of Chemistry, SLIET.

Lecture-4 on the topic CARBON DIOXIDE EMISSION REDUCTION IN SLIET by Dr. Indraj Singh, Associate Professor, Department of Mechanical Engineering, SLIET.



## Women's Day Celebration

Women's Day Celebration started with a poster & book exhibition, and all students gave their time and effort to making it successful. Later on, there was Saraswati vandana and Kulgeet. Then Dr. Sushma Gupta gave a brief introduction about the event.. Respected Director Prof. Shailendra Jain motivated the students with his encouraging talk. There were officers from Punjab police (District Sangrur) who gave a presentation regarding cyber laws, in which he described all the types of possible cyber crimes and guided students to prevent the happenings. The next session was of speech by our respected chief guest Dr. Amita Rishi, who motivated all the girls and

gave a sense of thinking to the boys for their behavior.

The day included prize distribution of the poster making competition and a pre-event i.e., e-quiz conducted by the Happy club regarding women's day which included 116 participants.

The last activity included a play by team Happy club, written & performed by Happy club regarding women's empowerment, consisting of stories of 2 households & referring to women's protection acts via the government. The end of event was concluded with a vote of thanks by Dr. Yogesh Kapil.



Events and audience



Dignitaries



## World Environment Day

World Environment Day was celebrated in SLIET on 5<sup>th</sup> June, 2023. Tree plantation was done in the campus to give a strong message for keeping the campus clean and green. Director, deans and faculty members, staff and students participated in this plantation drive.



## International year of Millets 2023 celebrations at SLIET



## EXPERT TALKS/SEMINARS/WORKSHOPS/CONFERENCES/ STTP/FDP/QUIZZES E-Virtual Mind Online Webinar

On May 3<sup>rd</sup>, the Indian Society for Technical Education (ISTE) conducted an e-virtual mind online webinar on Virtualization Technology from 7 pm to 8 pm. The aim of this webinar was to educate and inform attendees about the benefits and applications of Virtualization technology in various fields. The event was a huge success, with more than 50 participants joining the meeting from our college. virtualization technology has transformed the way IT infrastructure is managed and deployed, and it continues to evolve rapidly, with new innovations and use cases emerging all the time. Virtualization technology is a powerful tool for improving the efficiency of hardware usage, reducing costs, and improving disaster recovery and software development processes.

People	Information	People	Information	People	Information
ANSHUL JHA	Arjun Raj	Pankaj Ali (Yad)	Girdhar Kumar	JASVI KUMARI	Jashpreet
AVINASH ARYAN	Arjun Raj	AADITYA PRASAD	Arjun Raj	KAMAL SINGH	Kamalpreet Kaur
AVINASH KAUER	Arjun Raj	Aashay Arys	Arjun Raj	Kaushal Kishor	KUMARI ANWESHA GHAI
AYUSH RAJ	Arjun Raj	Abhinav Panwar	Arjun Raj	MANGEE BHARTI	NANDINI KUMARI
BANITY KUMAR	Arjun Raj	ADITYA RAJ	Arjun Raj	nehal Priyanti	NIKHIL SINGH
BHOPTA NANA	Arjun Raj	ADITYA RAJ	Arjun Raj	PRASHANT KUMAR	PRITIK KUMAR
CHANCHAL KUMAR	Arjun Raj	AKASHKISHA KUMARI	Arjun Raj	PRITIK KUMAR	PRITIK KUMAR
CHANDAN KUMAR	Arjun Raj	ALOK KUMAR	Arjun Raj	PRITIK KUMAR	PRITIK KUMAR
DIYA BHARTI	Arjun Raj	AMAN KUMAR	Arjun Raj	PRITIK KUMAR	PRITIK KUMAR
DIYANSHU KUMAR	Arjun Raj	AMAN VERMA	Arjun Raj	PRITIK KUMAR	PRITIK KUMAR
GABRIEL KUMAR Puri (BFA)	Arjun Raj	AMIT KUMAR	Arjun Raj	PRITIK KUMAR	PRITIK KUMAR
GABRIEL KUMAR Puri (BFA)	Arjun Raj	AMIT KUMAR	Arjun Raj	PRITIK KUMAR	PRITIK KUMAR
HARSHDEEP KAUR	Arjun Raj	ANISH RAJ	Arjun Raj	PRITIK KUMAR	PRITIK KUMAR

## TECH-ICON

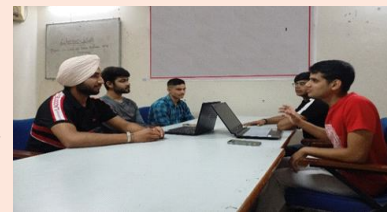


ISTE organized a knowledgeable and skilful event on 12<sup>th</sup> of may 2023. There was tremendous participation in the event. This event was about how much do students identify and recognise any company, brand, organization, social handles and their logos. In the event, a question paper was provided with companies' logo. Students were supposed to identify the logo and write down the name of the company. Students did participate both ways i.e. in several groups or individually. Students were taking interest in the pictorial description very much keenly and wrote the answers according to their knowledge. This event was basically done for enhancing the practical knowledge of students that how much do they take interest in knowing about any company, brand and organisations. Event was organised very well under the guidance of Faculty Advisor Dr. Harish Arya, Convener-Girdhar Kumar and student coordinators Anish Raj and Aditya Raj.



## DEBATE COMPETITION

A debate competition was organized by the Literary Club, SLIET on 18<sup>th</sup> April 2023 at 4.30 pm at the mini Auditorium CSE block. The topic of the debate was “Can we save nature using Technology”. Two teams, with three students each started the debate by discussing the pros and cons of the role of technology. Then topic was made open to all the students as an audience. A total of 35 students participated in the open debate.



## FDP (online mode) on “Chemical engineering practices in 21<sup>st</sup> century”

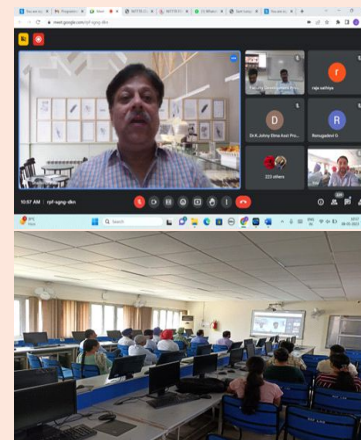
Dr Vinod Kumar Meena, AP and Dr. Himadri Roy Ghatak, Professor (Chemical Engineering) have conducted a self-financed two-week faculty development programme (online mode) on “Chemical engineering practices in 21<sup>st</sup> century” during 29<sup>th</sup> May to 9<sup>th</sup> June 2023, in Chemical engineering department, SLIET, Longowal. The total of 30 participants (all faculty members) have attended the programme for which Rs 236/- (including 18% GST) was taken as the registration fee and total amount of Rs 7080/- was collected in temporary account (5395230674) opened for the purpose in the name of “Chemical engineering practices in 21<sup>st</sup> century. A total of 24 lectures were delivered”. on the theme of the programme, out of which 11 lectures from eight external experts of reputed industry, and 13

lectures from eight internal experts of the chemical engineering department of the institute. Title of the lectures along with experts are given below.

At the end of the FDP all the participants, internal & external experts/speakers, and coordinators were distributed e-certificates of participation, appreciation, and coordination's respectively. An amount of Rs 6752/- has been transferred in the institute account after deducting some account closure charges. The conclusions drawn from the above lectures may be of utter importance in current research scenario and have the potential to be inducted as the PhD/PG/UG/ICD student major projects, and their certain outcomes may lead to writing the sponsored projects to the external bodies.

## Online FDP on “Cyber Crime and Forensic Tools”

The One-Week Online Faculty Development Programme on “Cyber Crime and Forensic Tools” from 8<sup>th</sup> to 12<sup>th</sup> May 2023, was organized by the Department of Computer Science and Engineering, SLIET Longowal (Remote Center), and conducted by NITTTR Chandigarh. Prof. Shailendra Jain, Director SLIET Longowal, Prof. J S Dhillon, Dean Academics, SLIET, Prof. C. Rama Krishna, Head CSE, NITTTR Chandigarh and Dr. Birmohan Singh, Head CSE, SLIET were present in the inauguration ceremony. Nearly 230 participants from all parts of India participated in the inauguration ceremony through Google Meet. Prof. C. Rama Krishna, Coordinator NITTTR Chandigarh, and Dr. Jagdeep Singh, Coordinator SLIET of this FDP welcomed all the guests, faculty, and staff and highlighted the main topics of the Programme. In his inaugural speech, Prof. Shailendra Jain, Director SLIET Longowal said that cybersecurity is the protection of internet-connected devices and services from malicious attacks by hackers, spammers, and cybercriminals. The practice is used by companies to protect against phishing schemes, ransomware attacks, identity theft, data breaches, and financial losses. When we talk about employment, research, or anything else, cyber forensics is one of the prime areas that come to a security analyst mind. Forensics is strongly employed in incident response, malware analysis, and data leak protection. With the increasing use of technology in our daily lives, cybercrime has become a major concern for individuals, businesses, and governments alike. He also stressed that the consequences of cybercrime can be severe, ranging from financial loss to reputational damage and legal consequences. Prof. J S Dhillon (Dean Academics) said in his speech about the significance of cyber intelligence. In day-to-day life, everyone is leading their life with technology. Our daily life depends on technology. So, nowadays everybody knows the internet and is aware of it. The Internet has everything that a man needs in terms of data. So, people are becoming addicted to the Internet. So, mitigation of these crimes is done by the recent forensics tools like database forensics, email analysis, file analysis, network forensics, and registry analysis. Renowned cybersecurity experts shared their experiences in this programme. The sessions were on Vulnerability Assessment (presented by Dr. Anup Girdhar, CEO founder, Sedulity Solutions & Technologies, Delhi), Cyber Crime Scenarios & Challenges before Law Enforcement Agencies (presented by Sh. Gurcharan Singh, Faculty, Central Detective Training Institute, Bureau of Police R & D, Chandigarh), Electronic Evidence (presented by Dr. Harold D&#39;Costa, President - Cyber Security Corporation), and Trusted Computing (presented by Dr. Arun Mishra, Assistant Professor CSE, Defence Institute of Advanced Technology, Pune). In this FDP programme, a total of 49 participants participated in the SLIET Longowal (remote center). Dr. Jagdeep Singh, AP CSE, and Dr. Manminder Singh were the coordinators from the Sant Longowal Institute of Engineering and Technology, Longowal, India.



## Special C Language Class

SLIET software development club (SSDC) organized a special C language class for one semester, June-Dec 2022, for ICD 2021 batch. The classes were conducted on Monday, Wednesday, and Friday from 4.30 PM to 5:30 PM (Every week). The class was open to all ICD 2021 (AB-CD) students. A total of approximately 55 students take the classes regularly. An MCQ-based test was conducted at the end of the course to judge the learning/knowledge of the students, and 53 appeared in the exam. The total number of students who could clear the exam was 45. The class was taken by Dr. Amar Nath, assistant professor of CSE SLIET Longowal.

## 6<sup>th</sup> National Conference on Advanced Materials and Radiation Physics (AMRP-2023)

The Department of Physics has organised two day 6<sup>th</sup> National Conference on Advanced Materials and Radiation Physics (AMRP-2023) during May 18-19, 2023 in HYBRID MODE under the chairmanship of Dr. M M Sinha, Professor, Department of Physics. The conference provides an opportunity to scientists, researchers and technocrats at a single platform to exchange views, ideas and knowledge of two extremely relevant and topical subjects “advanced materials and radiation physics”. This conference is being held at regular interval since 2009 (once in two years) keeping in view the enthusiastic response of research fraternity from all over the country during the past conferences held in 2009, 2011, 2013, 2015 & 2020.

The conference was inaugurated on 18<sup>th</sup> May 2023 by Prof. Arvind, Vice-Chancellor, Punjabi University, Patiala as the Chief Guest and Prof. Shailendra Jain, Director SLIET and Patron-in chief of the conference presided over the function. Prof. JS Dhillon Dean (Acad) & Patron, Prof. A S Dhaliwal Dean (R & C) & Co-chairman and Dr. S S Verma HOD (Physics) & Co-chairman shared the dais with dignitaries. At the outset Prof. M. M. Sinha, Chairman of the National Conference welcomed the dignitaries and participants, informed that in this conference about 180 researchers from all over the country have submitted their manuscripts and have shown interest in participation. In these two days of conference one key note address, four (04) plenary talks, six (06) invited talks, and 170 contributed papers were presented via online and offline mode would be

presented on different aspects of the conference theme. The presented papers will be submitted to Journal of Physics: Conference Series- an IOP publication for publication after following peer review process. Further he hoped that some concrete suggestions would emerge out from this conference. He apprised the delegates that conference proceeding will be published in Journal of Physics: Conference Series-an IOP Publication after following peer review process.

The chief guest threw light on historical development of quantum mechanics and its application in accelerating pace of human civilisation towards prosperity. He further emphasised the need of quantum computation, quantum communication and quantum sensors for the development as well as safety and security for the progress of the nation.

Director SLIET applauded the effort of the organisers for organising such event at grand way and suggested to collaborate with NITs in future for such events at different places. He further encouraged delegates to participate actively and get maximum benefit out of deliberations.

The ABSTRACT BOOK of the 6<sup>th</sup> National Conference on Advanced Materials and Radiation Physics (AMRP-2023) was released. Prof. A K Tyagi, Vice Chancellor, Mahatma Gandhi Kashi Vidyapith, Varanasi delivered keynote address. Dr. Prabhdeep Kaur, organising secretary proposed the vote of thanks.



## Publication of 4<sup>th</sup> International Conference on Frontiers in Industrial and Applied Mathematics FIAM-2021 Proceedings by Springer

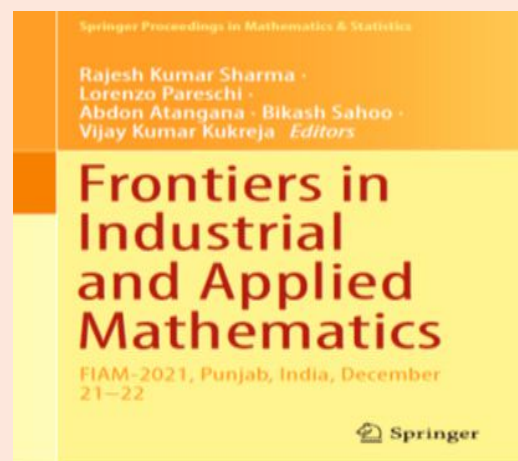
The Department of Mathematics, SLIET Longowal in collaboration with Forum on Industrial and Applied Mathematics organized 4<sup>th</sup> International Conference on Frontiers in Industrial and Applied Mathematics (FIAM 2021) during December 21-22, 2021. Selected contributions from workshops in current research in mathematics, statistics, data science, operations research and optimization are published in the form of a book series Springer Proceedings in Mathematics & Statistics. The details are as follows:

ISSN 2194-1009 ISSN 2194-1017 (electronic)

ISBN 978-981-19-7271-3 ISBN 978-981-19-7272-0 (eBook)

<https://doi.org/10.1007/978-981-19-7272-0>

These series provide the research community with well-edited, authoritative reports on developments in the most exciting areas of mathematical and statistical research today.





## STC/FDP on “Characterization of nano-materials and applications” in contact mode at SLIET Longowal

Department of physics, SLIET LONGOWAL in collaboration with Applied Science Department, National Institute of Technical Teachers Training and Research (NITTTR) Chandigarh is conducting a STC/FDP on “Characterization of nano-materials and applications” in contact mode at SLIET Longowal, PB during May 22- 26, 2023 for engineering colleges and polytechnic teachers. About (30 +200, Contact mode + online) teachers are attending this programme from different parts of the nation.



## Career Guidance and Motivational Session

Career Guidance and Motivational Session organized by InternWell Club, SLIET on the occasion of Dr. Bhim Rao Ambedkar Jayanti with guest speaker, Mr. Jitendra Jorwal IAS, D.C. Sangrur and Mr. Nitesh Jain IAS, Assistant Commissioner Sangrur.



## Three Days Mega event on Stress Management

Three Days Mega event on Stress Management through Meditation and Counselling was organised in SLIET Longowal. The programme was organised by Samani Dr Amal Prajna and Samani Dr Shreyas Pragya from Jain Vishwa Bharati Institute Ladnun (Rajasthan). On 20<sup>th</sup> April programme was organised in Girls Hostel of SLIET where more than 150 girls participated in the workshop. Samani Dr Amal Prajna also interacted the girls on one-to-one basis for their personal and professional problems on 21<sup>st</sup> April in the guest house where many girls shared their stress concerns. On 21<sup>st</sup> programme was organised

for all the boys and girls and faculty and staff of the institute. Where Samani Dr Amal Prajna enlightened about the effective relationship management. She gave a magic formula of “SAVE” Silence, Affirmations, Visualizations, Efforts.

On 22<sup>nd</sup> April programme on Mindfulness Meditation and counselling was held in Bibi Bhani Public school in collaboration with Baba Farid Education and welfare society Longowal and Unnat Bharat Abhiyan of SLIET Longowal.





## Special course held for the local youth on Communication Skills and Personality Development

A fifteen days' special course on Communication Skills and Personality Development was organized at SLIET Longowal for the local youth from nearby villages. This course was another step in the ongoing initiative for social welfare and rural development started by Prof. Shailender Jain, Director SLIET. Under his guidance, the course was organized free of cost by the Communication Skills and Personality Development Cell (CSPDC) and the Department of Management & Humanities. During the course, Head (M&H) Prof. Jap Preet Kaur Bhangu, along with CSPDC Coordinator Prof. Dhiraj Sud, and M&H faculty delivered lectures on English speaking and ways of enhancing personality. Around fifty-five (55) students belonging to Longowal and nearby villages participated enthusiastically in the course organized from April 25<sup>th</sup> to May 10<sup>th</sup>, 2023. Certificates were distributed to all the participants during the valediction ceremony.



### FACULTY CORNER

#### Externally Funded Research Project

Electronics and Communication Engineering Department of SLIET, Longowal has received externally funded research project grant of Rs. 90.88 Lacs for duration of 3½ years by Ministry of Electronics and Information Technology (MeitY), New Delhi under Chips to Startup (C2S) programme. This will help to further strengthen the research facilities in the area of VLSI design at the department/institute level.



#### PhD completed by faculty

- PhD Viva-Voce of Mrs. Subita Bhagat, PCE1402, under the guidance of Dr. Nikhil Prakash, Assistant Professor of the chemical Engineering department, was conducted to defend her thesis work entitled as "Modeling and simulation of propene polymerization with metallocene complex catalytic systems" on 25.04.2023 in the department.
- PhD Viva-Voce of Mr. Vinod Kumar Meena, PCE1401, under the guidance of Dr. H. R. Ghatak, Professor of the department was conducted to defend his thesis work entitled as "Electrochemical Remediation of Selected Pharmaceuticals in Wastewater" on 17.02.2023 in the department

### NSS/NCC CORNER

#### NSS SLIET Unit of EIE Department conducted a Workshop

NSS SLIET Unit of EIE Department has conducted a workshop entitled "Electrical Safety & Medical Awareness" on 8<sup>th</sup> and 9<sup>th</sup> May 2023. In this workshop, the total of 50 students from different branches and programs have participated. This workshop has targeted the aim to aware the students about: (a) health related tips: identification of health issues, meditation, home remedies; and (b) electrical safety: handling of electrical home appliances, electrical shock prevention, home remedies etc. On Day-1, Prakhyaat Prakhyaat (GIN/2244218) and Sneha Guhagarkar (GIN/2244203) have discussed the key safety guidelines, common electrical hazards, and precautionary measures that should be followed to prevent the electrical shocks. On Day-2, H. Subham Kumar (GIN/2244202) and Mannu Kumar (GEE/2244115) have discussed some precautionary steps that are supposed to be taken during a venomous snake bite or fatal injuries that comes while travelling such as luo, mild sprains, and even unconsciousness.



#### NSS SLIET PARTICIPATED in Kaizen'23 in IIT DELHI

A team of 11 students from NSS SLIET were invited by NSS IIT Delhi to participate in Kaizen'23 (March 31 - April 2, 2023). It provided a platform to showcase skills, engage in meaningful discussions, and learn from experts and fellow participants. The event was aimed to promote social responsibility, innovation, and community development among students through workshops on diverse topics such as community service, social entrepreneurship, sustainable development and many more. Team of NSS, SLIET Team has bagged a Letter of Appreciation by NSS, IIT Delhi for active participation and skills demonstration. The team from SLIET was led by Mr. Vishal Kaushik, Coordinator, Rohit Raj & Sakshi Priya, Co-coordinators and mentored by Dr. Gulshan Kumar Jawa, Faculty Co-ordinator, NSS SLIET.

### TRAINING AND PLACEMENT CORNER

#### Campus Placement Activities

During April to June 2023 under able guidance of Prof. Shailendra Jain, Director, SLIET and the department of Training and Placement had successfully conducted the virtual hiring process of different corporate organisations for the batch 2019-2023 students as per the table given. Also, department of T&P worked to attract the MNC's as Day-I Sharing companies for campus placement of our students. The department of T&P is working for the virtual / physical hiring process for students in different companies.



S.NO	NAME OF THE COMPANY	NO. OF SELECTED STUDENTS
1	TATA CONSULTANCY SERVICES LIMITED	10
2	DEALERMATIC TECHNOLOGIES PRIVATE LIMITED	05
3	IOL CHEMICALS AND PHARMACEUTICALS LIMITED, BARNALA	08
4	JSW GROUP	15
5	HINDUSTAN UNILEVER LIMITED	02
6	BOOKING KOALA, LLC	01
7	GRASIM INDUSTRIES LIMITED (BIRLA PAINTS DIVISION)	01
8	GEE LIMITED	02
9	YASH PAKKA LIMITED	06
10	GODREJ & BOYCE MFG. CO. LTD., MUMBAI	04
11	JSW VALLABH TINPLATE PRIVATE LIMITED	09
12	JINDAL SAW LIMITED, GUJARAT	09
13	VARDHMAN TEXTILES LIMITED	07
14	HIND RECTIFIERS LTD, MUMBAI	02
15	HCL TECHNOLOGIES	09

- Interactive Session by SLIET Alumni **Mr. Sony Goyal, IIM Alumni, Ahmedabad & M.D. My Career Experts, Bathinda** for our pre-final year (2020-2024 Batch) and final year (2019-2023 Batch) UG students "How to Prepare for CAT" on dated **21<sup>st</sup> April 2023**. 100 students present during this session.
- UDAAN (Campus to Corporate)**: The department of Training and Placement, SLIET has successfully conducted the annual event "UDAAN" (Campus to Corporate) & distributed the offer of appointment to 2019-2023 Batch students on **19<sup>th</sup> May 2023**.
- Congratulations to the Students (2020-2024 Batch), who have been selected for **SUMMER INTERNSHIP PROGRAM - 2023** in the **VARDHMAN TEXTILES LIMITED** with Rs. 5000/- Stipend Per month.



## STUDENT/ALUMNI CORNER

### SLIET Team Secured 1<sup>st</sup> Position in The National Level Hackathon

Sant Longowal Institute of Engineering and Technology secured 1<sup>st</sup> position in the national level hackathon "Solution for waste reduction" organised by Punjab Pollution Control Board and Chitkara University from 30<sup>th</sup> June to 1<sup>st</sup> July, 2023. The project "Preventing clean water from getting polluted" presented under the mentorship of Prof. A. S. Arora Department of EIE. The other Team members of the hackathon contest were Anjani Singh, Shubham Puri Goswami, Sandu Kumar of GEE-2020 batch. The Project was completed with the help of IIC-AICTE IDEA Lab, SLIET, Longowal.



### Industrial Visit of UG 2<sup>nd</sup> Year Students of CSE Department

The Department of Computer Science and Engineering planned an industrial visit of UG 2<sup>nd</sup> year students for **Marseon Private Limited** (Plot A-40 A, Quarkcity SEZ, Industrial Area, Sector 75, Sahibzada Ajit Singh Nagar, and **Solitaire Infosys** (C-110, industrial area, Phase- VII, Mohali, Punjab - 160055) on 3<sup>rd</sup> May, 2023 (Wednesday).

The faculty members Er. Rahul Gautam (A.P., CSE), Er. Preetpal Kaur (A.P., CSE) and Dr. Manminder Singh (A.P., CSE) accompanied the total 47 students (42 -Boys, 5 -Girls) who gave their consent from UG 2<sup>nd</sup> year (AB Group) of Department of Computer Science during their visit of above-mentioned companies.



### Silver Jubilee Celebration and Annual Alumni Meet

Silver Jubilee Celebration for the batches passed out in 1998 & before and Alumni Meet of all the batches upto 2023 will be held on 2nd December, 2023 in SLIET LONGOWAL. The registration to attend the events will be through the webpage [WWW.SLIETALUMNI.IN](http://WWW.SLIETALUMNI.IN). All alumni can contact Ms. Neha Gupta (Mobile 7061870602) and Mr. Navneet Goyal (Mobile 9779488600) for more details of the event. The theme of the meet is "Let's go back in time, carve out memories and relive those stories."

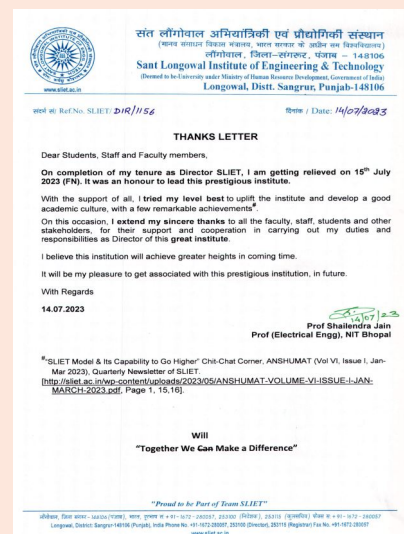
## RETIREMENTS/FAREWELL

### Director SLIET Prof. Shailendra Kumar Jain bid emotional farewell

Prof. (Dr.) Shailendra Jain Director SLIET Longowal on deputation from MANIT Bhopal has been relieved from SLIET Longowal on dated 15.07.2023 after successfully completing a term of 5 years, 8 months and 10 days following appointment of Prof. Mani Kant Paswan as the new Director of SLIET w.e.f. 15.07.2023. A farewell function was organised in his honour on 14.07.2023. Under his able leadership SLIET Longowal achieved numerous laurels both in academic and in extra-curricular arenas. Prof. Shailendra Kumar Jain served the Institute since 3<sup>rd</sup> Nov., 2017. In his farewell thanks letter to the SLIETians Prof. Shailendra Jain wrote : " Dear Students, Staff and Faculty members, On completion of my tenure as Director SUET, I am getting relieved on 15th July 2023 (FN). It was an honour to lead this prestigious institute. With the support of all, I tried my level best to uplift the institute and develop a good academic culture, with a few remarkable achievements\* On this occasion, I extend my sincere thanks to all the faculty, staff, students and other stakeholders, for their support and cooperation in carrying out my duties and responsibilities as Director of this great institute. I believe this institution will achieve greater heights in the coming time. It will be my pleasure to get associated with this prestigious institution in future."

\*"SLIET Model & Its Capability to Go Higher" Chit-Chat Corner, ANSHUMAT (Vol VI, Issue I, Jan-Mar 2023), Quarterly Newsletter of SLIET.  
{<http://sliet.ac.in/wp-content/uploads/2023/05/ANSHUMAT-VOLUME-VI-ISSUE-I-JAN-MARCH-2023.pdf>, Page 1,15,16}.

Prof. Shailendra Kumar Jain was on deputation from Maulana Azad National Institute of Technology, Bhopal where he is serving as Professor in Electrical Engineering.



## RETIREMENT OF PROF. M.B. BERA



Prof. M.B. Bera , Professor in Food Engineering and Technology (FET) department retired on May 31, 2023. Throughout his tenure, Dr. Bera played diverse roles within the institute, including serving as the Head of the Food Engineering and Technology (FET), Dean of Academic Affairs, Dean of Student Welfare, and Dean of Planning. His contributions extended beyond the institute as he also served as an Officer on Special Duty at Ghani Khan Choudhury Institute of Engineering & Technology (GKCIET), Malda. Dr. Bera's scholarly achievements were commendable, marked by the publication of numerous papers and book chapters in reputable journals. His dedication to academic excellence and research has left a lasting impact on the institute and the broader academic community.

In recognition of his illustrious career and service, the department and institute organized various functions to honour Dr. M.B.Bera during his retirement. These events were a fitting tribute to his contributions and provided an opportunity for colleagues, students, and peers to celebrate his accomplishments and bid him a fond farewell. Prof. M.B. Bera's SLIET

tenure not only reflects his exceptional journey but also serves as an inspiration for future generations in academia.

## UPCOMING EVENTS

- Two days' Workshop on "Introduction to MATLAB and Simulink" for the faculty, PG students & Research Scholars during 5th September 2023 to 06th September 2023 organized by Department of Computer Science and Engineering. The registration link for the workshop is: <https://forms.office.com/r/viURdtbNWJ>
- Silver Jubilee Celebration** for the batches passed out in 1998 & before and **Alumni Meet** of all the batches upto 2023 will be held on 2nd December, 2023 in SLIET LONGOWAL. The registration to attend the events will be through the webpage [WWW.SLIETALUMNI.IN](http://WWW.SLIETALUMNI.IN). All alumni can contact Ms. Neha Gupta (Mobile 7061870602) and Mr. Navneet Goyal (Mobile 9779488600) for more details of the event. The theme of the meet is "Let's go back in time, carve out memories and relive those stories."



## Team 'ANSHUMAT'

**Patron :** Prof. Mani Kant Paswan, Director SLIET, **Advisor :** Dr. A.S. Arora, Dean (FSW)

**Editor-in-Chief:** Dr. Sanjeev Kumar Garg, Professor (M&H)

**Deputy Editors :** Dr. Pratibha Tyagi, Associate Prof. (EIE), Dr. Vinod Meena A.P. (Chemical Engg.),

Er. Divesh Bharti, Asst. Prof. (ME), Dr. Om Chand, Sr.Tech. (FET)

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