



Anshumat



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Sant Longowal Institute of Engineering and Technology, Longowal - 148106

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संत लोंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान लोंगोवाल-148106

भारत शासन अधीन सम विश्वविद्यालय

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IMPORTANT EVENTS, ACTIVITIES & ACHIEVEMENTS

Socio-Cultural Fest: Madhuram'23



Madhuram'23 was a dynamic showcase of SLIET students' talents and enthusiasm, encompassing a wide range of performances spanning singing, dancing, poetry, and cultural exhibitions. The event stood out with remarkable moments, including a Taekwondo demonstration advocating women's self-defense, touching poetry celebrating national unity, and a thought-provoking drama underscoring the significance of cleanliness. Additionally, the program featured captivating folk dances, inspirational musical presentations, and engaging modeling displays, all while championing crucial societal messages, including women's empowerment and environmental conservation. Earlier in the day, the Madhuram'23 festival kicked off at the FETE Area, spanning both the Food Block and Mechanical Block, featuring a total of 32 stalls. Notably, six NGOs took part, focused on promoting book donations and resource sharing within a socio-cultural context. The festival also included regional food stalls like Burger Bar, Dominos, and a beverage section. The evening was marked by a star-studded event, headlined by Kushagra Thakur, which drew enthusiastic audience participation and featured engaging performances. The event was generously sponsored by Coke Studio Bharat, which organized various branding activities, including the distribution of complimentary Coca-Cola beverages and an automobile showcase. Singer Kushagra Thakur was honoured by the Dean of SLIET. Vice Chairman Madhuram'23 had the honor of inaugurating the event by lighting the lamp, along with the esteemed presence of the Director of SLIET, the Chief Guest, and the Dean of the Student Welfare. The Director further graced the occasion by felicitating the Chief Guest, Mr. Achint Kumar from the Ministry of Education, Professor Raghavendra P. Tiwari, the Vice Chancellor of Central University, Punjab, and the representative from the Central Bank of India, Bragfit, HDFC Bank, President SAA, IOLCP, Coca-Cola, our valued sponsor. The night concluded with a heartfelt tribute to the Late Damanjit Singh. Following the tribute, the event continued with an electrifying performance by Team Seawaves and a captivating presentation of Malwai Giddha, which left the audience mesmerized and earned resounding applause. Notably, the Folk Dance of Bihar emerged as one of the standout highlights of the event.



शिक्षा की जड़ें

"यह केवल सुबह नहीं है और नहीं इसे कल के नाम के साथ खारिज करो। इसे एक नवजात शिशु की तरह देखो जिसका अभी कोई नाम नहीं है।" – रबीन्द्र नाथ ठाकुर

सोच का परिणाम

"ब्रह्माण्ड की सारी शक्तियां पहले से हमारी हैं। वो हम ही हैं जो अपनी आँखों पर हाँ थर खलेते हैं और फिर रोते हैं कि कितना अंधकार है।" – स्वामी विवेकानंद



TABLE OF CONTENTS

News	Page
• IMPORTANT EVENTS, ACTIVITIES & ACHIEVEMENTS	
• Socio-Cultural Fest: Madhuram'23	1
• 26th Annual Convocation	2
• Science Fest held in SLIET	2
• MOUs signed between IIT Mandi and SLIET, LONGOWAL	2
• Team EMMET Emerges Victorious in the Ideation Stage of the "Open Competition for Indian Web Browser Development Challenge"	3
• PARIKSHA PE CHARCHA 2024	3
• Faculty of SLIET Longowal enlisted in world 2% scientist	3
• CELEBRATION OF IMPORTANT DAYS/MONTHS/PAKHWADAS	
> One day one hour	4
> Vigilance Week in SLIET Longowal Punjab and Sardar Ballav Bhai Patel National Unity Day	4
> गंधी जी एवं शास्त्री जी जयंती समारोह	4
> Celebration of Durga Puja in Campus	5
> World Food Day Celebration	5
> नशा मुक्ति अभियान	5
• EXPERT TALKS/SEMINARS/WORKSHOPS/CONFERENCES/ STTP/FDP	
> 10th International & 11th Conference on Advancement & futuristic Trends in Mechanical Engineering (AFTMME) 2023	6
> Three days National Conference on Revival and Advancement of Traditional/ Organic Agricultural Practices through Innovation, Collaboration & Incubation	6
> 79th Annual General Meeting of the Punjab & Chandigarh State Centre, Institution of Engineers (India)	7
> Ideas for the Vision VIKSIT BHARAT @2047	7
> Technical challenges on 6G Communication	7
> Four-months special course in C language	7
> Four-days knowledge sharing & capacity building workshop	8
> FDP on Machine Learning and Predictive Analysis Using Python	8
> A project on "An Optimal Solution for Crop Residue Management with the Internet of Robotics Things & Artificial Intelligence" accepted by SERB-DST under EEQ scheme	8
• NSS/NCC CORNER	
> 4 DAYS TRAINING BY PI STAFF	8
> NCC DAY CELEBRATION	9
> Project Jagrukta by NSS SLIET	9
• TRAINING AND PLACEMENT CORNER	
> Campus Placement Activities	9
• ALUMNI CORNER	10
• FACULTY'S CORNER	10
> Badminton event held	10
> Patent Granted	11
> Eminent Engineering Personality Award	11
> Promotion of SLIET Non-teaching Employees to fill vacant Group-B & C Non-teaching & technical Posts	11
• STUDENTS' CORNER	
> One-day industrial trip to C-DAC Mohali and Solitaire Infosys Mohali	11
• Additional Responsibilities/Tenure Extensions	11
• RETIREMENT NEWS	12
• Upcoming Events	12

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26TH ANNUAL CONVOCATION

Sant Longowal Institute of Engineering and Technology, Longowal held its 26th Convocation on 23rd December, 2023 and 35th Foundation Day of the institute. Dr. Subhas Sarkar, Hon'ble Minister of State for Education, Government of India, New Delhi graced the occasion as Chief Guest, Prof. Rajeev Ahuja, Director, IIT, Ropar & Officiating Director, IIT, Guwahati presided over the function and Prof. Laxmidhar Behera, Director, IIT, Mandi was Guest of Honour. On this occasion, 49 Ph.Ds., 93 Post-Graduate, and 609 B.E. Degrees were conferred followed by a scintillating 14 Gold medals, 14 Silver medals and 14 merit certificate. At the onset, Prof. J. S. Dhillon, Dean Academics welcomed all the guests present on the occasion. Prof. Mani Kant Paswan, Director SLIET congratulated the graduating students of 2023 who undertook their degrees. He mentioned that despite the constraints of being located in a remote area, the Institute has created a niche for itself by promoting technical education to the students from all over India, especially from the rural and financially humble backgrounds. He presented the Institute Annual Report 2023 mentioning that the report will project a fairly good idea about the scale at which things are planned meticulously and judiciously in the Institute adding that the Institute has been bestowed with "A" Grade by the National Assessment and Accreditation Council (NAAC) in 2023. Dr. Subhas Sarkar, in his Convocation Address congratulated the recipients of degrees & medals and their parents. He mentioned that a strong and vibrant India is arising at this moment and his heartfelt message extends to the young Indians, who would lay down the foundation of a prosperous India tomorrow, that while you grow and prosper in life, do not forget that it is your bonded duty to strive for the prosperity of our motherland. He mentioned quote of Swami Vivekananda that "Every nation has a message to deliver, a mission to fulfill, a destiny to reach". He further urged the recipients to show the ardor and contribute towards making Bharat a self-reliant country as it is an opportunity for all of them; bring out their best and utilize it. The ceremony concluded with a vote of thanks proposed by the Registrar followed by the National Anthem.



SCIENCE FEST HELD IN SLIET

Prof. Mani Kant Paswan, Director, SLIET along-with Prof. J. S. Dhillon, Dean (Academics), Prof. J.S. Ubhi, Associate Dean (Academic Planning), Dr. Charanjiv Gupta, Associate Professor (EIE) participated in All India Education Meet (Akhil Bharatiya Shiksha Samagam), held in New Delhi on 29th and 30th July, 2023 on the occasion of completion of three years of implementation of NEP-2020 and signed MoUs with National Institute of Technology, Delhi and Indian Institute of Technology, Jammu for collaborative research projects in area of common interest, joint supervision of Ph.D. students, joint degree program, organization of joint workshops and seminars, exchange of students and faculty besides information sharing in the areas of academics and research.



MOUs signed between IIT Mandi and SLIET, LONGOWAL



In a significant development for academic collaboration, a Memorandum of Understanding (MOU) has been signed between the Sant Longowal Institute of Engineering and Technology (SLIET) in Longowal, Sangrur, Punjab, and the Indian Institute of Technology (IIT) Mandi in Himachal Pradesh. The MOU, signed on 6th November 2023, aims to bolster research and academic activities at both institutions. This partnership signifies a mutual commitment to fostering innovation, knowledge exchange, and collaborative initiatives in the field of education and research. Through this collaboration, students and faculty members from both SLIET and IIT Mandi are expected to benefit from enhanced opportunities for learning, research, and professional growth.



Team EMMET Emerges Victorious in the Ideation Stage of the "Open Competition for Indian Web Browser Development Challenge"

Dr. A.S. Arora and Dr. Jagdeep Singh, have secured a resounding victory in the Ideation Stage of the "Open Competition for Indian Web Browser Development Challenge." The competition, spearheaded by the Ministry of Electronics and Information Technology (MeitY) and conducted by the Centre for Development of Advanced Computing (C-DAC), witnessed the innovative prowess of Team EMMET.

Innovation Aligned with 'AATMANIRBHAR BHARAT': The winning solution mirrors the ethos of the 'AATMANIRBHAR BHARAT' initiative, emphasizing indigenous design, development, and manufacture. Team EMMET's developed browser prioritizes security, featuring pre-loaded trust-stores equipped with the CCA India Root Certificate. This self-signed certificate acts as the top-most trust anchor, ensuring users a secure and reliable online experience. The competition, sponsored by MeitY, received crucial support from esteemed organizations, including CDAC Bangalore, Aatmanirbhar

Bharat, CCA India, G20 MyGov, Digital India, NIXI, and PKI India.

Victory Acknowledged with Generous Prize:

In recognition of their outstanding contributions, each of the 18 winning teams, including Team EMMET,

is awarded a sub-stantial prize of ₹2 Lakhs. Team EMMET, comprising Dr. Ajat Shatru Arora (Professor EIE), Dr. Jagdeep Singh (Assistant Professor CSE), Harsh Sonkar (GCS 21 Student), Angad Godara (GCS 20 Student), and Divyaditya Singh (GCS 20 Student), demonstrated exceptional dedication and creativity throughout the competition stage.



PARIKSHA PE CHARCHA 2024

Pariksha Pe Charcha is part of the larger movement - 'Exam Warriors' - led by our Honourable Prime Minister Shri Narendra Modiji, to create a stress-free atmosphere for youngsters. It is a movement that is driven by Prime Minister Narendra Modi's efforts to bring together students, parents, teachers and the society to foster an environment where the unique individuality of each child is celebrated, encouraged and allowed to express itself fully. Pariksha Pe Charcha (PPC) is an annual event taking place each year, since 2018 and in this event Hon'ble Prime Minister Shri Narendra Modi Ji interacts with students, their parents and teachers. On the occasion of Pariksha Pe Charcha 2024 on 29th January at 11:00am, Hon'ble Prime Minister Narendra Modi interacted with students, their parents and teachers and this event was telecast online through all TV/internet sources all over the country. The Prime Minister urged everyone to put exams in the right perspective, rather than making it a life-and-death situation punctuated by undue stress and pressure.

Students and teachers of Sant Longowal Institute of Engineering and Technology, Longowal (SLIET) Punjab, participated in this event under the able-guidance of its Director, Dr. Mani Kant Paswan. More than 450 teachers, staffs and students of SLIET watched this mega event at different venues (SMART CLASSROOMS), which was arranged at various departments of SLIET, as shown in the following shots.



Students, faculty and staff of Electrical and Instrumentation Engineering department attending Pariksha Pe Charcha - 2024 by honourable PM Shri Modiji on 27/01/2024.

Faculty of SLIET Longowal enlisted in world 2% scientists



In a prestigious recognition, a professor from Sant Longowal Institute of Engineering and Technology (SLIET) in Longowal, Sangrur, Punjab, has been listed among the top 2% scientists worldwide for the year 2023. The list, compiled by Stanford University, USA, highlights the significant contributions of Dr. M.K. Paswan, under whose mentorship the achievement was made possible. Other esteemed professors from SLIET included in the list are Dr. H R Ghatak, Dr. Dilip Kumar, Dr. Parmjit Singh Panesar, Dr. Dhiraj Sud, Dr. Surinder Singh, and Dr. Rajesh Kumar.



IMPORTANT DAYS/MONTHS/ PAKHWADAS

One day one hour "Swachhta Abhiyan"

SLIET Longowal, Sangrur, Punjab, launched the "Swachhta Abhiyan" campaign on October 1, 2023, from 10 am to 11 am. This initiative, aimed at promoting cleanliness and hygiene, spanned a duration of one hour, with the institution actively engaging in various cleanliness drives and awareness activities. The campaign underscores SLIET's commitment to fostering a clean and healthy environment, encouraging both students and staff to actively participate in maintaining cleanliness on the campus and beyond.



Vigilance Week in SLIET Longowal Punjab and Sardar Ballav Bhai Patel National Unity Day



SLIET Longowal, Punjab observed Vigilance Week and celebrated Sardar Ballav Bhai Patel National Unity Day on 31-10-23. The week-long event aimed to promote integrity, transparency, and anti-corruption measures among students and staff. Various activities such as seminars, workshops, and awareness campaigns were organized to educate the community about the importance of vigilance in all aspects of life. Additionally, on Sardar Ballav Bhai Patel National Unity Day, tributes were paid to the Iron Man of India, emphasizing the significance of unity and solidarity in building a strong and prosperous nation. The events fostered a sense of responsibility and patriotism among the SLIET Longowal fraternity.

गांधी जी एवं शास्त्री जी जयंती समारोह



SLIET Longowal में 02/10/2023 को आयोजित गांधी जी एवं शास्त्री जी जयंती समारोह में शामिल हुए लोगों के लिए कुछ यादगार पल बने। इस समारोह में छात्र-छात्रा एंवि भिन्न सांस्कृतिक कार्यक्रमों में भाग लेकर महात्मा गांधी और लाल बहादुर शास्त्री की महिमा को याद किया। समारोह में छात्रों ने भारतीय स्वतंत्रता संग्राम के दीर्घ कालिक राष्ट्रीय नेताओं के प्रति आदरव्यक्त किया। इसके साथ ही, विभिन्न प्रतियोगिताओं और नाटकों का आयोजन भी किया गया, जिससे छात्रों का मनोरंजन भी हुआ। इस समारोह के दौरान कई स्मगम भी आयोजित किए गए और छात्रों ने गांधी जी और शास्त्री जी के योगदान को स्मरण किया।

Celebration of Durga Puja in Campus

SLIET Longowal witnessed vibrant celebrations as students and faculty came together to observe Durga Puja on the auspicious occasion. The campus was adorned with colorful decorations and traditional pandals, resonating with the spirit of festivity. Students showcased their talent through cultural performances, including dances, songs, and skits, paying homage to Goddess Durga. The

aroma of incense and offerings filled the air as devotees gathered to offer prayers and seek blessings for prosperity and well-being. The celebration fostered unity and cultural harmony, reinforcing the rich traditions of India's diverse heritage among the SLIET community.



World Food Day Celebration

The Food Engineering and Technology Department of Sant Longowal Institute of Engineering and Technology (SLIET) Longowal celebrated World Food Day with great enthusiasm. The event, held on October 16th, aimed to raise awareness about food security and nutrition issues globally. Various activities such as seminars, workshops, and interactive sessions were organized to highlight the importance of healthy eating habits and sustainable food production practices. The celebration emphasized SLIET's commitment to addressing food-related challenges and promoting food security for all.



स्लाईट में भारतीय भाषा दिवस का आयोजन

संत लौंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान, लौंगोवाल में निदेशक प्रो मणिकांत पासवान के मार्ग दर्शन में उनके सहयोग से 28 सितंबर, 2023 से 11 दिसम्बर 2023 तक भारतीय भाषा उत्सव का आयोजन किया गया और दिनांक 11 दिसम्बर 2023, दिन सोमवार को जगदीश चंद्रबोस सभागार में भारतीय भाषा दिवस मनाया गया। समारोह का शुभारंभ मुख्य अतिथि संस्थान के पूर्व निदेशक प्रो शैलेन्द्र जैन, निदेशक प्रभारी प्रो अजात शत्रु अरोड़ा, अधिष्ठाता (छात्र कल्याण) प्रो राजेश कुमार, मुख्य छात्र सलाह कार प्रो एम एम सिन्हा, प्रो आर के मिश्रा, आयोजन समिति सदस्य प्रो आर के गुहा, श्री सरबजीत सिंह, श्री अजय गुप्ता, श्री राम शब्द राम, गणमान्य अतिथियों, संकाय सदस्यों, कर्मचारियों तथा छात्र – छात्राओं और केंद्रीय विद्यालय के प्राचार्य श्री हरिहर यादव, श्री हनुमान सिंह, शिक्षकों एवं छात्रों आदि द्वारा सर्व प्रथम आजादी के अमृत महोत्सव के उपलक्ष में अंधकार पर प्रकाश की विजय के प्रतीक 75 दीपों का प्रज्वलन कर संस्थान के कुलगीत से हुआ। राजभाषा (हिन्दी) विकास समिति के अध्यक्ष डॉ राज कुमार यादव ने समिति द्वारा भारतीय भाषा दिवस के उपलक्ष में आयोजित किये गये प्रतियोगी कार्यक्रमों के साथ ही संत हरचंद सिंह लौंगोवाल जी के शहादत दिवस पर आयोजित कार्य क्रमों तथा सितंबर को हिंदी माह के रूप में मनाए जानेहित काव्य संध्या एवं प्रतियोगी कार्यक्रमों जैसे निबंध लेखन, कहानी लेखन, चित्रांकन, सुलेख, काव्यपाठ, स्वरागिनी आदि की सम्पूर्ण जानकारी दी। छात्र – छात्राओं ने सांस्कृतिक कार्य क्रम प्रस्तुत किया। तत्पश्चात छात्र – छात्राओं, कर्मचारियों, संकाय सदस्यों व अधिकारियों के लिए आयोजित प्रतिस्पर्धी कार्यक्रमों के विजेता प्रतिभागियों को पारितोषिक देकर सम्मानित किया गया। अपने संबोधन में मुख्य अतिथि प्रो शैलेन्द्र जैन ने राष्ट्रीय शिक्षा नीति – 2022 के आलोक में मानव विकास में मातृभाषा, राष्ट्र भाषा एवं अंतर राष्ट्रीय भाषा की जरूरत, महत्त्व व अनिवार्यता पर प्रकाश डाला और छात्रों को जानकारी दी कि रचनात्मकता के लिए मातृभाषा, राष्ट्रीय एकता व अखंडता को अक्षुण्ण बनाए रखने के लिए राष्ट्रभाषा तथा व सुधैव कुटुंब कम्की अवधारणा के अनुरूप अंतर राष्ट्रीय भाषा का शिक्षण – प्रशिक्षण की अनिवार्यता से इंकार नहीं किया जा सकता है और इससे इतरस्थिति में वैयक्तिक अस्तित्व, राष्ट्रीय अस्मिता व वैश्विक सौहार्द खतरे में पड़ जायेगा। उन्होंने सम्पूर्ण व्यक्तित्व विकास के साथ ही राष्ट्रीय एकता व अखंडता एवं मानव मूल्य संरक्षणहित समिति के कार्यों की सराहना करते हुए छात्र –छात्राओं का आह्वान किया कि वे इन कार्यों से लाभ उठाएं तथा सामने खड़ी व आने वाली चुनौतियों की पहचान कर सामना करने के लिए अपने को तैयार करें तो जीवन अर्थ पूर्ण बनेगा और मानव मानव मूल्यों के संरक्षण – संवर्द्धन में उपयोगी साबित होंगे। इस समारोह में छात्र-छात्राएं, कर्मचारी, अधिकारी एवं आचार्य उपस्थित थे। अपने सहयोगियों के साथ छात्र ऋषभ रंजन ने छाया चित्रण किया एवं ज्योतिरादित्य राज ने उद्घोषक का दायित्व निभाया। समारोह का समापन राष्ट्र – गान से हुआ।

नशा मुक्ति अभियान

संत लौंगोवाल इंस्टीट्यूट में डॉक्टर अमित कंसल द्वारा 25 अक्टूबर 2023 को नशा मुक्ति अभियान आरंभ किया गया और इस के तहत एक कार्यक्रम का आयोजन किया गया। इस अभियान का उद्देश्य नशा मुक्त समाज के लिए जागरूकता फैलाना था। डॉक्टर मणिकांत पासवान, SLIET के निदेशक ने फैकल्टी और विद्यार्थियों के साथ नशे के खिलाफ शपथ लई और, नशे के विरुद्ध एक सकारात्मक संदेश दिया।

दुवाओं के लिए वेकअप कल है नशा मुक्त पंचांग अभियान - डॉ. अमित कंसल

शुभ्र नशा मुक्ति अभियान का शुभ्र प्रारंभ संस्थान के प्राचार्य डॉ. अमित कंसल के नेतृत्व में हुआ। डॉ. कंसल ने नशा मुक्ति अभियान के अंतर्गत नशा मुक्त पंचांग अभियान का शुभ्र प्रारंभ किया। डॉ. कंसल ने नशा मुक्ति अभियान के अंतर्गत नशा मुक्त पंचांग अभियान का शुभ्र प्रारंभ किया। डॉ. कंसल ने नशा मुक्ति अभियान के अंतर्गत नशा मुक्त पंचांग अभियान का शुभ्र प्रारंभ किया।





FDP/STTP/CONFERENCES/TALKS/LECTURES/SEMINARS

10th International & 11th Conference on Advancement & futuristic Trends in Mechanical Engineering (AFTMME) 2023

पंजाब टेक्निकल यूनिवर्सिटी, भटिंडा में एक अत्यंत महत्वपूर्ण आयोजन के दौरान, 500 अंतर राष्ट्रीय सम्मेलन उपस्थितियों के साथ, श्री प्रो सत्या प्रकाश, आई आई टी रुड़की के वरिष्ठ प्रोफेसर, और श्री प्रो बूटा सिंह, महाराजा रणजीत सिंह पंजाब टेक्निकल यूनिवर्सिटी के उपाध्यक्ष, महाराजा रणजीत सिंह पंजाब

टेक्निकल यूनिवर्सिटी के चीफ गेस्ट के रूप में सम्मानित किया गया। इस उत्कृष्ट उपलब्धि के माध्यम से, संगठन ने अपनी प्रगति में एक महत्वपूर्ण कदम आगे बढ़ाया है, और आयोजन को और भी उत्तम बनाने में सहायता प्रदान की गई है।



Three days National Conference on Revival and Advancement of Traditional/Organic Agricultural Practices through Innovation, Collaboration and Incubation

A three days' National Conference on Revival and Advancement of Traditional/Organic Agricultural Practices through Innovation, Collaboration and Incubation was organised at Sant Longowal Institute of Engineering and Technology Longowal under Unnat Bharat Abhiyan (UBA) in collaboration with Baba Farid Educational Welfare Society, Longowal. The uniqueness of this three days conference was that for the first time the conference was organised in the Agricultural Fields to demonstrate and impart Practical Training to the farmers.

Sh. K.E.N Raghavan, an expert in Organic Farming and traditional cow based Agriculture, gave practical demonstration on the usage of organic manure, Pest Control and other productive inputs by organic techniques which leads to a better and healthy output and with zero cost.

Farmers also made organic productive inputs by their own hands. On the first days of the conference various experts presented their research papers at SLIET and on the second and third days were purely practical training was really unique and made all the difference. Ancient farming techniques were also discussed at length and practically displayed in the field.

Sh. Mohinder Singh Sidhu, Chairman, PUNSEED and Sh. Jasvir Singh Kudni, Chairman, PSIDC also motivated the farmers to adopt promote and propagate organic farming.

The Director of the Institute Prof. Mani Kant Paswan speaking on the occasion told the young engineers to develop new techniques in agriculture. He also impressed upon the farmers to adopt zero based agriculture to make this occupation a profitable one. Prof Pardeep

Kumar Jain project coordinator Unnat Bharat Abhiyan told that such conferences are the need of the hour and more conferences will be organised to promote organic farming. Sh. Kamaljit Singh himself a farmer and president Baba Farid society who has switched over to organic farming told that in future more farmer groups will be joining in this mission. Prof Parveen Kaur Khanna, Prof. Mandeep Ghai, Prof. Surita Maini, Prof. JapPreet Kaur Bhangu also spoke on the occasion and advocated the organic farming.





79th Annual General Meeting of the Punjab & Chandigarh State Centre, Institution of Engineers (India)

Professor Mani Kant Paswan, Director of Sant Longowal Institute of Engineering and Technology (SLIET), served as the Chief Guest at the 79th Annual General Meeting of the Punjab & Chandigarh State Centre, Institution of Engineers (India), held in Chandigarh. Addressing the audience, Prof. Paswan likely emphasized the importance of engineering in societal development and technological advancement. His presence signifies recognition of SLIET's contributions to the field. As an esteemed figure in the engineering community, his insights and perspective would have added significant value to the event, fostering collaboration and knowledge exchange among engineering professionals in the region.



Ideas for the Vision VIKSIT BHARAT @2047

माननीय प्रधान मंत्री श्री नरेंद्र मोदी ने राज भवन, चंडीगढ़, में "Vision VIKSIT BHARAT @2047" की अवधारणा का उद्घाटन किया। इस अवसर पर, SLIET, पंजाब के निदेशक प्रो मणिकांत पासवान सहित अन्य डीन और स्टाफ के साथ मंच पर शामिल रहे। इस सम्मेलन में उन्होंने देश के 2047 तक विकसित होने के लिए विचार और योजनाओं पर चर्चा की। SLIET, Longowal, पंजाब के फौकल्टी, स्टाफ और छात्र भारत के उत्थान की इस उद्घाटन के संदेश को सुनकर आश्चर्य जनक और आत्म-सम्मान से भर गए।



Technical challenges on 6G Communication

SLIET Longowal hosted a seminar on "Technical challenges on 6G Communication" on 03.10.2023. The seminar aimed to delve into the future of communication technology and address the intricate challenges associated with the advent of 6G networks. Experts from academia and industry shared insights on the potential applications, advancements, and hurdles of 6G communication. Prof. Mani Kant Pawan Director SLIET was chief guest on the occasion. The event was attended widely by the SLIET faculty, staff and students. Prof. Anupama Marwaha and Dr. Kundan Kumar coordinated the event and enlightened the audience about the potential benefits of 6G telecommunication technique. Attendees engaged in discussions on topics like ultra-reliable low-latency communication, terahertz communication, and artificial intelligence-driven networking. The seminar provided a platform for researchers, scholars, and professionals to exchange ideas and collaborate towards shaping the future of communication technology.

79th ANNUAL GENERAL MEETING OF THE PUNJAB & CHANDIGARH STATE CENTRE, INSTITUTION OF ENGINEERS (INDIA)



Four Months special course in C language to all SLIET Batch students

SLIET software development club (SSDC) organized a special C language class for four months, June-Oct 2023, to all students of SLIET (all branches). The classes were conducted on Monday, Thursday, and Friday from 4.30 PM to 5:30 PM (Every week). An MCQ-based Test was conducted at the end of every week, and a final examination was conducted at the end of the course to judge the learning/knowledge of the students, and 65 appeared in the exam. The total number of students who could clear the exam was 56. The class was taken by Dr. Amar Nath and Dr. Utkarsh, assistant professor of CSE SLIET Longowal.



FOUR-DAYS KNOWLEDGE SHARING AND CAPACITY BUILDING WORKSHOP

A four-days Knowledge sharing and capacity Building Workshop for Precision Agriculture using UAV techniques in the south and southeast Asian Region: Hands-on training workshop was organized by the department of electrical and instrumentation engineering under its collaborative project with Japan from 28 November to 1 December 2023.

Experts from HokKaido university, Japan delivered expert lectures on precision agriculture and provided hand-on training to 30 participants of the workshop. The workshop was coordinated by Prof. Ashwani Aggarwal.



FDP on Machine Learning and Predictive Analysis Using Python

The Department of Computer Science and Engineering, as a Remote Centre, has organized a one-week FDP on “Machine Learning and Predictive Analysis using Python” in online mode for the faculty, technical staff, Research Scholars, and PG students from 20th to 24th November 2023 in collaboration with NITTTR, Chandigarh. This FDP aimed at developing the understanding of Machine learning to automate predictive modeling by training with vast data sets and creating algorithms. The algorithms can detect patterns and anomalies in data. Predictive analytics uses math and statistical models to identify patterns in data to generate predictions. During the inaugural function on 20.11.2023, Professor J.S. Dhillon (Dean Academics, SLIET), Dr. Birmohan Singh (Convener and HOD CSE), Er. Shano Solanki (Coordinator - NITTTR, Chandigarh), Dr. Manminder Singh (Coordinator - SLIET) and other Remote Center Coordinators addressed the audience. SLIET software development club (SSDC) organized a special C language class for four months, June-Oct 2023, to all students of SLIET (all branches). The classes were conducted on Monday, Thursday, and Friday from 4.30 PM to 5:30 PM (Every week).



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A project on “An Optimal Solution for Crop Residue Management with the Internet of Robotics Things and Artificial Intelligence” accepted by SERB-DST under EEQ scheme

A project has been recommended by the related Empowerment and Equity Opportunities for Excellence in Science to the Science and Engineering Research Board (SERB) for funding. The following are the items recommended for a period of 3 years.

The committee recommended the following budget

Manpower :-> Junior Research Fellow - 1

Equipment Details : Rs. 800000

-> High-Performance Workstation - 1

-> Autonomous Agricultural spray drone 20 liter - 1

-> Digital SLR Camera - 2

Consumables : Rs. 150000

Travel Cost : As per norms

Contingencies : As per norms

Overhead : As per norms



NSS/NCC CORNER

4 DAYS TRAINING BY PI STAFF

03-10-2023 – 06-10-2023

The 4 days training program by Permanent Instructional (PI) staff from 14 PB BN, NCC Nabha was conducted for the NCC cadets of SLIET Longowal from 3rd Oct 2023-6th Oct 2023. During the training, the cadets were engaged in the following:

1. Theory Sessions covering various aspects, including the history and structure of the NCC, the role of the armed forces, and the importance of national service.

2. Drill movements and parade formations, emphasizing precision, coordination, and teamwork. This training instills a sense of discipline and uniformity among the cadets.
3. Weapon safety protocols, handling procedures, and marksmanship skills.
4. Physical fitness routines, endurance exercises, and sports activities are conducted to ensure that cadets are physically prepared for the challenges they might face.

NCC DAY CELEBRATION

National Cadet Corps (NCC) Day is observed on the fourth Sunday of November each year to mark the establishment of the NCC in India. On 26th November 2023, the NCC cadets of SLIET Longowal celebrated the NCC Day. The event was graced by Prof. Mani Kant Paswan, Director SLIET, Prof. Rajesh Kumar, Dean (SW), SLIET and Dr. Barasha Mali, CTO, NCC SLIET.



The cadets assembled in front of the Student Activity Centre and the event begin with the wreath laying ceremony to pay tribute and respect to the soldiers who sacrificed their lives for the nation. The NCC cadets meticulously arranged themselves into a flawless file formation to display discipline, unity, and patriotism. The cadets

presented their views on Blood Donation and NCC day. The dignitaries addressed the cadets and extended their greetings for NCC Day. The event concluded with everyone standing in unison to sing the NCC Song, symbolizing the values, aspirations, and pride of the NCC.

PROJECT JAGRUKTA BY NSS SLIET

National Service Scheme (NSS) at Sant Longowal Institute of Engineering and Technology (SLIET) initiated Project Jagrukta, aiming to raise awareness among school students about counseling and tours of SLIET Campus. The project successfully engaged students, providing them with valuable insights into higher education opportunities and career guidance. Through informative sessions and campus tours, the initiative aimed to empower young minds with knowledge and guidance for their academic and professional pursuits. Project Jagrukta highlights NSS SLIET's commitment to fostering educational awareness and outreach programs, ultimately contributing to the holistic development of the community's youth.



TRAINING AND PLACEMENT CORNER

During the October to December 2023 following activities have been conducted by the Department of Training and Placement of the Institute.

1. Campus Placement activities

During October to December 2023 under able guidance of Dr. Mani Kant Paswan, Director, SLIET, department of Training and Placement had successfully conducted the hiring process of difference corporates for the batch 2020-2024 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 & Internship 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	AETHEREUS CONSULTING PVT LTD	01
2	GREENSTITCH TECHNOLOGIES PRIVATE LIMITED	01
3	LARSEN & TOUBRO LIMITED	13
4	LEARNING ROUTES PVT LTD	04
5	FIL INDIA BUSINESS AND RESEARCH SERVICES PRIVATE LIMITED	03
6	HINDUSTAN UNILEVER LIMITED	02
7	D&H SECHERON PVT. LTD	01
8	VA TECH WABAG LIMITED	06
9	JINDAL SAW LIMITED, GUJARAT	11
10	PUNJAB CHEMICALS & CROP PROTECTION LIMITED	02
11	3RDITECH	01
12	THYSSENKRUPP	01
13	YASH PAKKA LIMITED	05
14	DEALERMATIX TECHNOLOGIES PRIVATE LIMITED	07
Following detail for Internship		
1	INDCON PROJECTS AND EQUIPMENT LTD	04



PHOTO WITH TEAM OF JINDAL SAW LIMITED, GUJARAT DURING PLACEMENT DRIVE



PHOTO WITH TEAM OF YASH PAKKA LIMITED DURING PLACEMENT DRIVE

ALUMNI CORNER

SLIET's Silver Jubilee & Annual Alumni Meet

SLIET Longowal recently commemorated its Silver Jubilee, a milestone marked by a grand celebration that unfolded on December 1st, 2023. The Silver Jubilee event for the batches passed out in 1998 or before was conducted first time by our Institute. The institute welcomed back its alumni, showcasing the remarkable growth and achievements of those who once walked its halls. Following the jubilant Silver Jubilee, the Annual Alumni Meet on December 2nd, 2023, became a poignant continuation of the celebration.

Silver Jubilee Extravaganza

The event, likened to a harvest, witnessed alumni from across the globe returning to the nurturing grounds of SLIET. The newly inaugurated Alumni Office, on December 1st, 2023, served as a symbolic soil where memories intertwined with aspirations, creating an atmosphere resonant with the enthusiasm of a bountiful harvest. Alumni visited their departments and classes, also taking the opportunity to revisit their respective rooms in the hostels that were allotted to them during their student days. They all shared lunch with students, resembling hostel life in BH-3 hostel, and collectively revisited cherished memories. Informal networking took place during the luncheon, fostering connections between students and alumni. In the evening, a cultural program was organised by the student team, providing alumni with an opportunity to revisit their cherished memories. Various performances, including dance, bhangra, and poetry recitations, were showcased during this event. The success of the evening was evident as alumni expressed a profound sense of pride in returning to their roots.



Pic-1: Silver Jubilee Celebration

Annual Alumni Meet Highlights

Under the guiding baton of Dr. Manikant Paswan, the Director of SLIET, the Annual Alumni Meet unfolded seamlessly. Director In-Charge Dean Academic Prof. J.S Dhillon, Dean SW Prof. Rajesh Kumar, Dean Planning & Development Dr. Kamlesh Kumari, Chairman SLIET Alumni Association Prof. Ravindra K. Saxena and President Alumni Association Mr. Winnerjit Singh Khadial, Vice President, Dr. Kulwinder Man and Secretary Prof. Major Singh played instrumental roles in orchestrating the vibrant melody of the celebration. A cultural evening featuring vibrant performances by both alumni and student teams was observed, creating an atmosphere that the alumni superbly enjoyed. The event, in its entirety, can be deemed as highly

successful, bringing together the past and the present in a celebration of shared experiences and enduring connections. The General body meeting was conducted to discuss the number of issues related to Alumni. It was also decided to create a separate Alumni Guest House in Institute Campus. The fund raising for this will start after the election of Executive Committee.

Alumni Visit and Interaction

The interaction phase saw distinguished alumni like Jai G Singla (Scientist/Engineer, Space Application Centre, Ahmedabad ISRO), Gurpreet Singh (Associate Consultant, IT Operations TCS Germany), Amanjit Singh Brar (President, Corporate Model Risk, Wells Fargo), Samudra Vijay Sidana (CEO, SAM Analytic Solutions), Sukhjinder Singh (CEO, logistic business, Melbourne Australia for past 22 years) and many more from the 1991 Batch engaging with the current SLIET community. Their visit became a bridge connecting the past and present, enriching the tapestry of shared experiences.



Annual Alumni Meet Celebration



Alumni Interaction with Students

Exceptional Work of Bihar Alumni Chapter

SAA Bihar Chapter, led by Dr. Santosh Kumar and Er. Ashwani Kumar, conducted impactful free medical camps across Bihar,



Bihar Alumni Chapter

exemplifying their commitment to community well-being. The event in Khaira on October 1, 2023, and subsequent camps in Panapur and Doriganj, showcased their dedication to providing essential healthcare to underserved populations. Guided by compassion, these initiatives, supported by Dr. Vivek Kumar, Chairman of Rameshwaram Health Care Centre, reaffirm the chapter's unwavering commitment to fostering a healthier and happier Bihar.

BADMINTON TOURNAMENT HELD

Er. Kuldip Singh, Assistant Professor in the Department of Electronics and Communication Engineering (ECE) at an undisclosed institution, has clinched the bronze medal in the Badminton event at the Punjab State Games 2023. The event took place from October 11th to 15th, 2023, showcasing exceptional talent and sportsmanship. Er. Kuldip Singh's remarkable achievement highlights his dedication and skill in the sport, earning him recognition at the state level. His success serves as an inspiration to aspiring athletes and underscores the importance of sports in promoting physical fitness and healthy competition within the community.



FACULTY CORNER

Patent Granted



Department of Electrical and Instrumentation Engineering has been granted a Patent on An Apparatus and Method for Determining Relative Concentration of a Sample

Eminent Engineering Personality Award

Professor (Dr.) A. P. Singh from the Department of Electronics and Communication Engineering (ECE) has been honored with the prestigious Eminent Engineering Personality award.



The accolade was presented by Er. Sreedhara Panicker Somanath, Chairman of the Indian Space Research Organisation (ISRO), at the Institution of Engineers (India) in Kochi, Kerala. The recognition underscores Professor Singh's outstanding contributions to the field of engineering and highlights his remarkable achievements in the academic and professional spheres.

Promotion of SLIET Non-teaching Employees to fill vacant Group- B & C Non-teaching & technical Posts

With the kind approval of Board of Management vide Agenda Item No. 46.11 of 46th Meeting held on 31.01.2023, the work related to DPC of Group-B & C posts was initiated in view of Recruitment Rules approved by the BoM vide Resolution No. 11.5 & 13.10 of its 11th and 13th meetings held on 21.09.2012 and 12.07.2013 respectively. The meetings of Departmental Promotion Committees were held on 26.09.2023 and 14.10.2023 respectively and on the basis of recommendations of DPC, the Institute has issued promotional orders to the employees and following 12 employees have joined on the promotional post:



Sr. No.	Name of the post	Name of the employee joined
1	Data Entry Operator	Sh. Ran Vijay Kumar Singh (UR)
2	Upper Division Clerk	1. Sh. Surjit Singh (UR) 2. Sh. Bhagwan Singh (ST) 3. Sh. Tilak Raj Guleria (UR) 4. Sh. Hoshiar Singh (UR)
3	Senior Technician	1. Sh. Rakesh Kumar Goyal (UR) 2. Sh. Lakshami Narayan Singh (UR)
4	Head Cashier	Sh. Vinod Kumar (UR)
5	Assistant	Sh. Satpal Singh (UR)
6	Superintendent	Sh. Sanjay Sharma (UR)
7	Section Officer (Accounts)	Sh. Mohinder Kumar (UR)
8	Programmer	Sh. Gurmukh Singh (UR)

STUDENTS CORNER

ONE-DAY INDUSTRIAL TRIP TO C-DAC MOHALI AND SOLITAIRE INFOSYS MOHALI

Department of Computer Science and Engineering, SLIET Longowal, Sangrur, Punjab organised a one-day industrial trip to C-DAC Mohali and Solitaire Infosys Mohali to provide industrial exposure to the B.Tech 3rd year students of Computer Science and Engineering. The main aim of the industrial trip is to provide valuable insights into the software industry's practices, technologies, and work culture, reinforcing the significance of adaptability and innovation in the field of computer science.



ADDITIONAL RESPONSIBILITIES/TENURE EXTENSION

1. Dr. Charanjit Singh Riar, Prof. (FET) has been appointed as Chairman of Minority Cell established in the institute w.e.f. 10.01.2024
2. Dr. Major Singh Goraya, Prof. (CSE) is assigned the additional duties of Co-ordinator, Industry – Institute interaction Cell (IIIC) w.e.f. 05.02.2024 for a period of two years.
3. Dr. (Mrs.) Gurjinder kaur, Associate Prof. (CSE) has been appointed as Convener of Social Media Cell Of Institute w.e.f. 19.01.2024.
4. Prof. V.K. Kukreja, Prof. Department of Mathematics as PRO and Convener of the Institutional Publicity & Media Interaction Committee of the institute w.e.f. 19.01.2024.
5. Dr. Harish Kumar Chopra, Prof. Department of Chemistry is assigned the additional duties of Head of Chemistry w.e.f. 15.12.2023 for a period of 3 years.



RETIREMENT NEWS



Sh. Rakesh Kumar Jyotiana had joined SLIET, Longowal as Technician on 24.11.1997. After serving of more than 26 years and on attaining the age of superannuation, he retired from the post of Technician (Central Workshop) on 31.12.2023.



Sh. Harvinder Singh had joined SLIET, Longowal as Helper (later redesignated as Multi Tasking Staff as per 6th CPC) on 14.09.1993. After serving of more than 30 years and on attaining the age of superannuation, he retired from the post of Lower Division Clerk on 31.12.2023.

UPCOMING EVENTS

- A Short Term Training Program (STTP) in Hybrid mode on "Green Energy for Sustainable Development" organized by the Department of EIE from 18/03/2024 to 22/03/2024
- National Conference on "Advanced and Emerging Materials for Technological Application" (AEMTA-2024) during 15-16 March 2024 organized by Department of Physics, Mechanical Engineering and Electronics & Communication Engineering in collaboration with IIT Jammu, NIT Delhi and IAHT Ludhiana
- Techfest SLIET annual technical festival will be organised on April 5th and 6th, 2024. Dr. Gulshan Jawa Associate Professor (Department of Chemical Engineering will be the chairman of the team organising this technical mega event of the Institute.
- The Utkarsh'2 Alumni Meet happening on April 6th, 2024, in Chandigarh

Sant Longowal Institute of Engineering and Technology

संत लौंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान

(Deemed to be University, Established by: Ministry of Education, Government of India)

Longowal 148106 (Punjab)

Admission Notice for Session 2024-2025

Online applications are invited for admission to various programmes

Courses Offered				
ICD	B.E.	M. Tech.	M.Sc.	Ph. D.
Chemical Technology Computer Science and Engineering Electrical Engineering Electronics and Communication Engineering Food Technology Instrumentation and Process Control Mechanical Engineering Civil Engineering	Chemical Engineering Computer Science and Engineering Electrical Engineering Electronics and Communication Engineering Food Technology Instrumentation and Control Engineering Mechanical Engineering	Chemical Engineering Computer Science and Engineering Electronics and Communication Engineering Electronics and Comm.(VLSI DESIGN) Food Engineering and Technology Instrumentation and Control Engineering Manufacturing Systems Engineering Welding and Fabrication	Physics Chemistry Mathematics	In all Disciplines of Engineering, Sciences, Management and Humanities
Entry Qualification				
10 th (Science, Math & English) through SET-I	• BE (4 Year) 10+2 (Non-Medical) through JEE Mains • BE (Lateral Entry) Diploma in relevant stream through SET-III	BE/ BTech in relevant stream through CCMT/ SET-VII	BSc in relevant stream through CCMN/JAM/ PUCET/CUC ET/ SET-VI	Master degree in relevant stream of Engg /Tech/ Science/ Humanities through SET-V

Last Date of online application: 15 April 2024 (for PhD 15 July 2024)

Date of Entrance Examination: 04 May 2024 (for PhD 22 July 2024)

50% Concession in hostel fee for girl students of ICD & B.E.

For details Visit: www.sliet.ac.in / www.slietexam.co.in Helpline: 01672-280072, 253136 Email: chairmanset2024@gmail.com

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