



ANSHUMAT

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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 एवम् प्रौद्योगिकी संस्थान लोंगोवाल- 148106

भारत शासन अधीन सम विश्वविद्यालय

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INSTITUTE ACTIVITIES



Prof. Shailendra Jain
Director, SLIET

Message

"If we want to impart Education Best suited to the needs of the villages, we should take Vidyapeeth (University) to the Villages"

- Mahatma Gandhi



Late Sant Harchand
Singh Ji Longowal

TRIBUTE TO SANT HARCHAND SINGH JI LONGOWAL

To fulfil the objective of Amar Shaheed Sant Harchand Singh Ji Longowal with his untiring effort, the foundation of Sant Longowal Institute of Engineering and Technology (SLIET) Longowal was laid by Central Government in Malwa region Punjab. The Institute pays tribute to him on his 35th death anniversary for his unwavering contribution and visionary thinking. On this day of death anniversary of the great soul, homage with due honours was paid to Amar Shaheed Sant Harchand Singh Ji Longowal on 20th August, 2020 at SLIET Longowal. The Institute paid homage to the great Saint, in who's ever lasting memory, the Institute has been established. Imbibing the dreams of Late Sant Longowal Ji, today the Institute has become a backbone of technical education in Malwa region promulgating unstoppable growth, new milestones and innovative ideas. In its journey towards excellence, the Institute conferred with the status of deemed to be university in the year 2007, spread over an area of 451 acres, the Institute is wonderfully blessed with natural beauty and greenery that not only provide ideal education environment, also enhance working environment and provides humanising touch to the surroundings. The Institute is running 13 integrated certificate diploma (ICD), 07 degree (UG), 10 Post graduates (PG) and various Ph.D programs in different disciplines of Engineering, Sciences, Management and Humanities.



सफलता की कुंजी

मेहनत एक ऐसी सुनहरी चाबी है,
जो बंद भाग्य के दरवाजे भी
खोल देती है।



साथ का महत्व

साथ आना शुरूआत है, साथ रहना उन्नति है,
साथ काम करना सफलता है।



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INDEPENDENCE DAY

SLIET celebrated the independence day on 15th August 2020 with full zeal and zest, however maintaining the COVID-19 guidelines issued by MHA, New Delhi. The National Flag was hoisted by Prof. Shailendra Jain, Director SLIET. The ceremony was followed by a graceful parade by security personnel. In the event numerous poems, songs, lectures were delivered related to the nationalism. Further on the occasion, Prof. Shailendra Jain exhorted everyone to toil hard for the multidimensional growth of the institute which will be a tribute to the nation. The research scholars and faculty members were awarded for their significant contribution in research.

On this occasion, cycling event and plantation drive were held under the initiation of honourable Director of the Institute. On the same day the quarterly newsletter of SLIET 'ANSHUMAT' Vol. III Issue I & II (Jan-Jun 2020) was released by worthy Director SLIET Dr. Shailendra Jain, Deans Dr. A.S. Arora, Dr. P.S. Panesar, Dr. D.C. Saxena and Dr. J.S. Dhillon, Registrar Sh. Ravinder Kumar and Editor-in chief 'ANSHUMAT' Dr. Sanjeev Kumar Garg on the auspicious occasion of Independence day, 15th August, 2020. The issue covered all the activities undertaken and notable achievements by Sant Longowal Institute of Engineering and Technology during the first six months of 2020 including remarkable initiatives taken during the COVID 19 lockdown. Director congratulated the whole 'ANSHUMAT' team for the successful publication of the ten issues of 'ANSHUMAT' so far, beginning with the first issue in April 2018.



SMART INDIA HACKATHON - 2020

Sant Longowal Institute of Engineering and Technology, Sant Longowal Institute of Engineering and Technology, Longowal has participated in the national event Smart India Hackathon - 2020 which is a flamboyant platform for various departments and industries to float their technical problem they are facing and find the solution by Industry Institute interaction. Professor Shailendra Jain, Director and Professor A.S. Arora, Dean (Academics) encouraged the student's team HACKMINERS to participate in this event and supported the team in every possible aspect. Team HACKMINERS has six students Ankit Kumar (GCS18-Team Leader), Amitoj Singh Ahuja (GCS18), Naman Singh (GCS18), Ridham Goyal (GCS18), Shrejal Singh (GCS18) and Siddharth Kumar (GWT18) under mentorship of Dr. Manmohan Singh, AsP (EIE) and Er. Jatinder Pal Singh, AP (CSE) became the winning team to solve the problem "Prediction of Tariff Rate" given by Transport Corporation of India Limited. The team offered a price money of 1 Lac Rupees and a chance to continue the project and to develop a fully working solution.



SKILL IMPROVEMENT PROGRAM

SLIET has been chosen under the excellent joint initiative of National Project Implementation Unit and National Skill Development Corporation, Government of India to train the final year students for industry in some thrust area defined by Government of India. Dr. Manmohan Singh, Associate Professor, EIE is trained by IIT, Bombay under the same initiative as a Trainer in the field of Internet of Things. The 80-hour training of current final year students was scheduled from 3rd August 2020 to 20th September 2020 and was conducted online due to COVID-19 Pandemic. The major topics were IoT Introduction and Fundamentals, Signals, Sensors, Actuators, Interfaces, Networking and Cloud Computing in IoT, Data Analysis for IoT applications and Hardware/software Experiments/labs. This program definitely helps in enhancing the employability skills of youth just entering in the market for their start of the careers.

स्लाईट में हिन्दी दिवस का आयोजन

संत लौंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान, लौंगोवाल में राजभाषा (हिन्दी) विकास समिति के तत्वावधान में 14 सितम्बर, 2020 के हिन्दी दिवस मनाया गया।



इस अवसर पर मुख्य अतिथि संस्थान के निदेशक प्रो. शैलेन्द्र जैन, अधिष्ठाता (छात्र कल्याण) प्रो. डी.सी. सक्सेना, अधिष्ठाता (शैक्षणिक) प्रो. अजात शत्रु अरोड़ा, यांत्रिक अभियंत्रण के विभागाध्यक्ष प्रो. राजेश कुमार, प्रो. प्रदीप गुप्ता, प्रो. कुलवन्त सिंह, संस्थान के जनसम्पर्क अधिकारी डा. दमनजीत सिंह एवं समिति के अध्यक्ष राज कुमार यादव ने अंधकार को मिटाकर प्रकाश देने के लिए दीपों की श्रृंखला प्रज्वलित कर कार्यक्रम शुभारंभ किया। तत्पश्चात संस्थान कुलगीत के बाद समिति के अध्यक्ष राज कुमार यादव ने 1-30 सितम्बर की अवधि में हिन्दी माह के आयोजन के अन्तर्गत कर्मचारियों एवं संकाय सदस्यों के लिए आयोजित विभिन्न प्रतियोगी कार्यक्रमों की जानकारी दी तथा हिन्दी भाषा के सम्बन्ध में गाँधी जी के विचारों के आलोक में स्वतंत्रता को वास्तविक रूप में अर्थपूर्ण बनाने के लिए राजभाषा हिन्दी की महत्ता बतायी।

इस अवसर पर अधिष्ठाता (छात्र कल्याण) प्रो. डी.सी. सक्सेना ने भाषायी विविधतापूर्ण भारत में समग्र विकास हेतु हिन्दी से स्थापित समरसता व साम्यता की ओर ध्यान दिलाया और इस पर मँडराते खतरे के प्रति सचेत रहने के लिए आगाह किया। अधिष्ठाता (शैक्षणिक) प्रो. अजात शत्रु अरोड़ा ने सभी भाषाओं के प्रति आदर एवं सद्भाव रखते हुए अपनी मातृभाषा हिन्दी की गरिमा को नया आयाम देने के लिए प्रेरित किया।

समारोह के मुख्य अतिथि व संस्थान के निदेशक प्रो. शैलेन्द्र जैन ने हिन्दी की सरलता व महत्ता पर प्रकाश डाला एवं हिन्दी के वर्तमान प्रारूप से हिन्दी के पश्चिम को अधिक ऊँचाई तक ले जाने हेतु एक नये उत्साह व उमंग का संचार किया। उन्होंने नई शिक्षा 2020 में भाषा नीति और भारत के सम्पूर्ण व संतुलित विकास हेतु उठाये गये कदमों की विस्तृत चर्चा कर सरल शब्दों में तथ्यों से अगवत किया और मिथक की पहचान करने एवं उनसे दूर रहने की सलाह दी। उन्होंने कोविड-19 के बीच सरकारी दिशा-निर्देशों का पालन करते हुए हिन्दी दिवस मनाये जाने के लिए समिति को बधाई दी। इस पूरे कार्यक्रम में समिति सदस्य श्री जगदीश चन्द्र, श्री सरबजीत सिंह, श्री अशोक कुमार आदि उपस्थित थे।

धन्यवाद ज्ञापन रसायन विज्ञान के विभागाध्यक्ष डा. दमनजीत सिंह ने किया। समारोह का समापन राष्ट्र गान के साथ सम्पन्न हुआ।

EXTERNALLY FUNDED PROJECTS

Sr.	Name of Project and Funding Agency	Amount (Rs.)	Faculty Name and Department
1.	"Process Development and Validation for Evaluating Adulteration in Honey" Research Project has been sanctioned by the Board of Research in Nuclear Sciences (BRNS) Department of Atomic Energy, Government of India, September 2020.	Rs. 32,65,388/-	Prof. Vikas Nanda, (FET) 
2.	"Development of Optimal UV Sanitization Device to Disinfect the Virus and Bacteria for Various Applications" from Gigabyte Network Pvt. Ltd, Ludhiana, Punjab, 1st July 2020.	Rs. 2,32,000/-	Prof. Surinder Singh (ECE) 

NCC SLIET ACTIVITIES

Lance Corporal T.V. Archananasa (PB18SDA193962) and Cadet Shubhrat Yadav (PB19SDA193896) SLIET NCC cadets have scored first and third rank and declared the overall Winners of Kargil Diwas Quiz conducted on 26 July 2020 by Directorate of P.H. HP & C (Punjab, Haryana, Himachal Pradesh & Chandigarh). They will also be awarded cash prize from Directorate.

PERSONALITY DEVELOPMENT ONLINE TRAINING

Online training for 2nd year UG students:

An online training programme on “Personality Development” was successfully conducted for 2nd year UG students by M/s My Career Experts, Bathinda. The programme was started on 14.09.2020.

Name of the Activity	Service Provider	Duration	No. of students	Expenditure (Rs)
Online training on “Personality Development”	My Career Experts, Bathinda	45 to 60 Hours	200	1,50,000.00

ACADEMIC SECTION ACTIVITIES

Details of online examinations held for ICD, UG & PG Programs (Final Year Students) in the Institute during Academic Session 2019-20

Sr. No.	Course / Program	Year / Batch / Semester	Duration of online exams.	No. of Students participated
1.	Integrated Certificate Diploma (ICD)	3rd Year (Final) (2017 Batch) (6th Semester)	20.07.2020 to 30.07.2020	478
2.	Bachelor of Engineering (B.E.)	4th Year (Final) (2016 Batch including LEET-2017) (8th Semester)	1st Chance 16.06.2020 to 26.06.2020 2nd Chance 21.07.2020 to 31.07.2020	430 85
3.	Master of Science (M.Sc.) - Physics, Chemistry & Mathematics	2nd Year (Final) (2018 Batch) (4th Semester)	1st Chance 16.06.2020 to 26.06.2020 (only Physics students opted) 2nd Chance 21.07.2020 to 31.07.2020	07 44
4.	MBA	2nd Year (Final) (2018 Batch) (4th Semester)	21.07.2020 to 30.07.2020	12
5.	M.Tech.	2nd Year (Final) (2018 Batch) (4th Semester)	4th Sem (Thesis Work). Due to COVID-19, last date for submission of Thesis work has been extended to 31.12.2020.	Online viva of students who are submitting their Thesis is being held by the concerned Departments.

Online Supplementary Examinations of Final Year Students of ICD, UG & PG Students have been held from **07 to 18 July, 2020.**

In addition, academic section provided scanned copies of DMCs, Course completion certificates and other documents on request through digital means. The viva-voce examination of Post-Graduate students and Ph.D. Research Scholars has also been conducted online.

- The Institute has conducted ONLINE QUIZZES (General service knowledge-2 Quizzes, General finance knowledge, Academic (UGC and AICTE), Purchase section) during the lockdown period in view of COVID-19. On the basis of overall performance in these quizzes, the following certificates were conferred to the participants.

GOLD	SILVER	BRONZE
Prof. Shailendra Jain Director	Prof. P.S. Panesar	Prof. Dhiraj Sud
Prof. Anupama Marwaha	Mrs. Himanshu Rani AP	Prof. Mahesh Arora
Prof. Kamlesh Prasad	Sh. S. S. Rathore Sr. Tech	Prof. M. M. Sinha
Prof. Parveen Khanna	Sh. G. B. Bhasker Tech	Sh.Vivek Harshey AP

Extension of TEQIP-III project

TEQIP-III project has been extended from 30th Sept. 2020 to 31st March 2021 in SLIET by Ministry of Finance, Govt. of India.

ADF Fellowship

The Institute has been sanctioned 08 Scholarships under AICTE Doctoral Fellowship (ADF) scheme.

● STTP /STC/SDP/ Webinar/ Workshop Conducted Online

Sr. No.	Name of the Activity	Department	Duration	Schedule	No. of Participant
1.	TEQIP-III Sponsored FDP on “Faculty Development for New Tomorrow” coordinated by Dr. Manpreet Singh Manna, AsP, EIE, SLIET Longowal and Dr. Tripurari Nath Gupta, AP (EE), NIT, UK	EIE	One Week	July 24-28, 2020	127
2.	STTP on “Recent Trends in Instrumentation Engineering” Coordinated by Dr. R.K. Garg, AsP (EIE) and Er. Sunil Bansal, AP from SLIET Longowal & Mr. Tripurari Nath Gupta, AP and Mr. Himesh Kumar, Trainee Teacher from NIT, U.K	EIE	One Week	Sept. 7-11, 2020	105
3.	QIP STC on “Recent Advances on Affordable and Clean Energy 2020: A roadmap to SDG 7” coordinated by Dr. Manpreet Singh Manna, AsP (EIE) and Dr. Charanjiv Gupta, AsP (EIE) SLIET Longowal	EIE	One Week	Sept. 14-20, 2020	43
4.	A webinar on “Process Safety and Design” coordinated by Prof. Sanjay Marwaha (EIE) and Prof. Manpreet Kaur (EIE), SLIET Longowal	EIE	One Day	July 26, 2020	76
5.	STTP on “Computational Techniques and Programming” for UG students sponsored by TEQIP-III Coordinated by Dr. Sunil Kumar, AP (ME) SLIET Longowal and Dr. Vikash Kukshal, Dr. Yogesh Kr. Prajapati & Dr. Anshul Sharma from NIT U.K.	ME	One Week	July 20-25, 2020	55
6.	FDP on “2D Graphics for Scientific Reporting (2DGSR-2020)” coordinated by Dr. Sunil Kumar (AP, ME) and Mr. Surinder Kumar, AP (ME) SLIET Longowal and Dr. Pawan Kumar Rakesh from NIT, U.K	ME	One Week	July 27-31, 2020	104
7.	QIP-AICTE Sponsored STC on “Energy Management for Economic Prosperity and Ecological Stability-(EMEPE-2020)”, Coordinated by Dr. R K Yadav, Prof. (ME) & Dr. Indraj Singh, AsP (ME) SLIET Longowal	ME	One Week	Sept. 21-26, 2020	50
8.	STTP on “Recent advances in Artificial Intelligence” Coordinated by Dr. Vinod Kumar Verma, Mrs. Preetpal Kaur, APs (CSE) SLIET Longowal and Mr. Parveen Kumar, Mr. Surinder Singh, APs (CSE) from NIT, U.K.	CSE	One Week	July 27-31, 2020	250
9.	SDP on “Office Automation” Er. Rahul Gautam, Dr. Manminder Singh, APs (CSE) SLIET Longowal and Dr. Nitin Kumar, Dr. Kamal Kumar, APs (CSE), NIT, U.K.	CSE	One Week	Aug. 24-28, 2020	29
10.	TEQIP-III sponsored STC on "Recent Trends in Wireless Communication" coordinated by Prof. Dilip Kumar (ECE), and Er. Sarbjeet Singh, AP (ECE) SLIET Longowal	ECE	One Week	July 20-24, 2020	100
11.	STTP on “Intelligent Systems and Networks” coordinated by Prof. A.P. Singh, Er. Vivek Harshey, AP (ECE) SLIET Longowal	ECE	One Week	31 Aug.-4 Sept., 2020	41
12.	QIP Sponsored (Online) Computational Techniques in Image and Signal Processing EIE/ECE (combined) Coordinated by Er. Sunil K Bansal, AP (EIE) and Er. Vivek Harshey AP (ECE), SLIET Longowal	EIE/ECE	One Week	28 Sept.-3 Oct., 2020	125
13.	A symposium on topic “Challenges & Opportunities for Chemical Engineers” Coordinated by Prof. Kamlesh Kumari (CE) SLIET Longowal	CE & Co-ordinator IICChE student Chapter SLIET	One Day	Aug. 7, 2020	200
14.	A Webinar on topic “Entrepreneurship-Finance for Beginners” Coordinated by Dr Gulshan Kumar Jawa, AsP (CE), SLIET Longowal	CE	One Day	Aug. 25, 2020	92
15.	QIP-AICTE STC on "Innovative and Responsible Research Practices (IRRP-2020)" Coordinated by Prof. H. R. Ghatak & Dr. Gulshan Kumar Jawa, AsP (CE), SLIET Longowal	R&C Cell and CE	One Week	Sept. 15-20, 2020	56
16.	One day Workshop on “MATLAB” Coordinated by Prof. Sushma Gupta and Prof. V.K. Kukreja (Maths) SLIET Longowal	Mathematics	One Day	July 23, 2020	92
17.	TEQIP-III Sponsored Workshop on “Mathematical Modeling and MATLAB” Coordinated by Prof. V.K. Kukreja (Maths) SLIET Longowal and Dr. Kuldeep Sharma, NIT Uttarakhand	Mathematics	Two days	Aug. 24-25, 2020	188
18.	TEQIP-III sponsored STTP (On-line) on “Materials Synthesis and Characterization Techniques” Coordinated by Prof. M.M. Sinha (Physics), SLIET Longowal and Dr. Hardeep Kumar (Physics) NIT, UK.	Physics	One Week	Sept. 7-11, 2020	70
19.	STC on “Advanced Functional Materials (AFMAT-2020)” Coordinated by Mrs. Kanika Aggarwal and Mrs. Prabhdeep Kaur, APs (Physics) SLIET Longowal	Physics	One Week	Sept. 28-Oct. 02, 2020	214
20.	An International webinar series on “Recent Development in Food Processing” Coordinated by Dr. Pradyuman Kumar, Professor and Prof. Kamlesh Prasad, Head (FET). SLIET Longowal	FET	One Month	10 July-12 Aug., 2020	3200

Department of Chemical Engineering



Department of Computer Science and Engineering

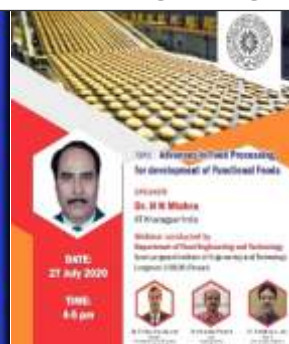


Department of Mechanical Engineering



Department of Electrical and Instrumentation Engineering

Department of Food Engineering and Technology



Departmental Activities

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

- Dr. Vinod Kumar Verma served as the Technical Program Committee (TPC) Member, 2020 Global Mosharaka Congress on Electrical engineering, (GMC-Elec Eng 2020) during 04- 06 September 2020 (Remotely), Valencia, Spain.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- Dr. Surinder Singh, Professor (ECE) has published 4 SCI indexed paper with more than 1 impact factor in collaboration with the researcher of Russia Dr. E. A. Anashkina and Dr. Quang Minh NGO, Vietnam, and their scholars in the year 2020. Also, he has been appreciated for this achievement under the faculty project award on 15th Aug 2020.
- Prof. Surinder Singh has been assigned additional duties of Head of Department, Electronics and Communication Engineering, w.e.f. 12th July 2020 for two years.
- Dr. Dilip Kumar, Professor (ECE), has delivered expert talk in the FDP on "Impact and Strategies for Online Teaching-Learning Methodology during COVID-19 Pandemic", held during 4-10 August 2020 at Sant Baba Bhag Singh University, Jalandhar, Punjab (India).



- An Indigenous IR based Automatic Hand Sanitizer has been developed in the ECE department under the guidance of Dr. Dilip Kumar, Professor (ECE). Er. Sarbjeet Singh and Er. Vivek Harshey coordinated in the development. It has been installed at SLIET Health Centre and Electronics and Communication Engineering department.
- A project entitled "Wireless and Mobile Communication Lab" of Rs 11,10,000 under MODROB, AICTE has been sanctioned in the name of Dr. Anupma Marwaha, Prof. (ECE) as principal investigator and Er. Alka Singla, AP (ECE) as co-principal investigator.
- Veerpal Kaur, Ph.D Scholar (Reg. No PEC/1504) of the Electronics and Communication department has been awarded worth Rs 5000 consecutively third time under quality publication award for publishing SCI-indexed journal paper entitled "Design of D-shaped PCF-SPR Sensor with Dual Coating of ITO and ZnO Conducting Metal Oxide" in Optik Journal Vol. 220, pp. 165135, 2020 (impact factor: 2.187) on 15th Aug 2020 under the supervision of Professor Surinder Singh.
- Mr. Dilbag Singh, part-time Ph.D Scholar (Reg. No. PEC/1202) of Electronics and Communication the department under the supervision of Dr. Surinder Singh, Prof., and Head, Department of Electronics and Communication, SLIET Longowal, has also achieved the quality publication award of Rs. 5000 for a Paper entitled "Optical Combinational Circuits for Contention Detection Circuit in All-Optical Routers," Optik, Vol. 218, pp. 165251, 2020 (Impact factor: 2.187) on Aug. 15, 2020.
- Mr. Sandeep Kohar, part time Ph.D scholar (Reg. No. PEC/1303) under the supervision of Dr. Surinder Singh has published his first SCI journal entitled "Design of Cylindrical Conformal Slotted Microstrip Patch Antenna for Wideband Applications," in International Journal of Electronics Letters, in July 2020.
- Paper Published by Mr. Amit Kumar Shakya, Ph.D Scholar (Reg No. PEC/1804) and Surinder Singh, Professor of Department of Electronics and Communication Engineering on "Design of Dual Polarized Tetra Core PCF Based Plasmonic RI Sensor for Visible-IR Spectrum," Optics Communication", Vol 478, pp. 126372, 2020 with Impact factor: 2.125.



DEPARTMENT OF MECHANICAL ENGINEERING

- Prof. Rajesh Kumar has been assigned to handle a Special Issue on "Condition Monitoring and Defects Prognosis of Mechanical Systems" as one of the Guest Editors for of the Journal "Measurement" published by Elsevier.
- An expert lecture on "Condition Monitoring of Machine Elements and Structures" was delivered by Prof. Rajesh Kumar in the TEQIP-III Supported Short Term Course on "Computational and Experimental Studies on Failure of Materials" organized by Department of Industrial and Production Engineering, Dr. B.R. Ambedkar National Institute of Technology Jalandhar during September 13-17, 2020.
- Dr. Sunil Kumar, Assistant Professor in the Mechanical Engineering Department has delivered expert lectures in three different FDP/STC/STTP organized by National Institute of Technology Uttarakhand, SLIET Longowal and DIT University Dehradun, Uttarakhand in the month of July and August 2020.
- Er. Surinder Kumar, Assistant Professor in the Mechanical Engineering Department has delivered expert lectures in FDP/STTP organized by Vishwavidyalaya Engineering College, Lakhanpur, Ambikapur (Chhattisgarh) and another at SLIET Longowal during July and September 2020.

DEPARTMENT OF FOOD ENGINEERING AND TECHNOLOGY

Placement of Graduated Students of Food Engineering and Technology Department

- Sixteen Graduate students of Food Engineering and Technology were placed in Nestlé India Ltd., Hector Beverages Pvt. Ltd., Bikano Foods Pvt. Ltd., Delightful Gourmet Pvt. Ltd., Thakar Export Pvt. Ltd., A P Solvex Ltd., Sunrise Victuals Pvt. Ltd., VITA Milk Plant, Pran Beverages (India) Pvt. Ltd., Edge Consultancy.
- Two students of BE (Food Tech) joined for higher studies, one at IIT, Kanpur for M. Tech. (Material science and engineering) Program and another for PG Diploma (Food Processing & Business management) course from Indian Institute of Plantation Management, Bengaluru.
- A large number of students of Food Engineering and Technology Department participated during July to September 2020 in several events. The representative certificates are reproduced



Measurement Device

- The FET Department developed and modified the protocol for the Online Energy Measurement Device for multiple use i.e. for regular academics and research purpose etc



DEPARTMENT OF MATHEMATICS

- Prof. (Dr.) Vinod Mishra delivered an invited Lecture on “Indian perception of Linear and Quadratic Equations, Extensions and Applications” in the Two-Day International Conference (Online) on Emerging Trends in Vedic Mathematics & Applications in Science, Technology and Social Sciences Research (ETVM-ASTSSR-2020, 16-17 August 2020) at JNU New Delhi.
- Dr. Vinod Mishra Prof. (Maths) and Dimple Rani (Research scholar) published a paper titled 'Laplace transform inversion using Bernstein operational matrix of integration and its application to differential and integral equations', in the Proceedings (Indian Academy of Sciences)-Mathematical Sciences 130 (2020), No. 60.

DEPARTMENT OF TRAINING AND PLACEMENT

- Ms. Subhashani Kumari & Md. Shanur Rahman (Computer Science Engineering 2016-2020 Batch students) offered the higher salary package in TCS and joined in the month of July 2020.
- Head (T&P) with Our recruiters CGI-& Welspun Group along with the selected students in CGI Information Systems & Management Consultant Pvt. Ltd. and Welspun Group(2016-2020 Batch) joined in July-2020.
- Department of T&P have successfully conducted the e-HRAC-2020 during 20th-21st July 2020. In which about 27 thought leaders from Academia & Industries including Director NIT, Jalandhar, Director, GKCIET, Joint Secretary, MHRD, Govt. of India, New Delhi, Director, NIT Nagaland and representatives of ISGEC, Tata Consultancy Services, Capgemini, Infosys, Kangaro, Reliance Industries Limited, Hero Cycle, Hero Steels Ltd., QOS Technologies, IOL Chemical & Pharmaceuticals Ltd., Trident Group, Holostik India Limited, L&T and DFM Food Ltd. have also participated during the events. e-HRAC was conducted in 08 difference sessions in which about 200-250 students were permitted to attend the difference activities along with staff & faculty of the Institute. Prof. (Dr.) Shailendra Jain, Director, SLIET presided during the events.
- During July to September 2020 under able guidance of Prof. Shailendra Jain, Director, SLIET and Prof. A.S. Arora, Dean (Academics), the department of T & P had successfully conducted the virtual hiring process of different Corporates for the batches 2016-2020 and 2017-2021 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 hiring process for students in different companies.



Sr.No.	Name of Company	Number of Selected Students
1	Capgemini Technology Services India Limited	10
2	Nestle India Pvt.Ltd., Moga	06
3	Mahindra & Mahindra Ltd.	01
4	Isgec Hitachi Zosen Ltd	01
5	Bharat Industries	01
6	Claas India Pvt.Ltd.	01
7	Ricela Group	08
8	International Tractor Ltd. (Sonalika Group)	05

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

Dr. Pratibha Tyagi, Associate Prof. (EIE); Lead Editor

Editors: Dr. Vinod Kumar Verma, Asst. Prof. (CSE); Er. Vinod Meena, Asst. Prof. (CE); Dr. Vivek Kumar, Asst. Prof. (ME); 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