

Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, District Sangrur, Punjab

Data on Prescribed format for NIRF 2022

Sponsored Research Projects								
S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date / Amount Recd. On	Amount Received (In Rupees)	Amount received (in words)
2020-21								
1	2020-21	Prof. Surinder Singh	GOI, Ministry of Science & Technology, DST (International Bilateral Corporation Division)	Indo-Russian Joint Project entitled : Optical Metrology of Ultra Short Pulses for Design of Flexible MIMO Based Next Generation Optical Communication Networks	INT/RUS/RFBR/P-312 dated 16.02.2021	23.02.2021	1,54,209.00	One Lakh Fifty Four Thousand Two Hundred Nine only
2	2020-21	Dr. Surinder Singh, Prof. (ECE)	DST, SERB Collaborative research project (ASEAN India-Collaborative R&D Project of ASEAN-India Science & Technology Development Fund (AISTDF))	Design and Development of Novel Optoelectronic Devices for High Speed Reconfigurable Optical Access Networks	Sanction No. IMRC/AISTDF/R&D /P-5/2017 dated: 09.10.2020	16.10.2020	6,03,600.00	Six Lakhs Three Thousand Six Hundred only
3	2020-21	Dr. P.S Panesar, Prof. (FET)	DST, SERB Collaborative research project (ASEAN India-Collaborative R&D Project of ASEAN-India Science & Technology Development Fund (AISTDF))	Valorization of Tropical Fruit By-products for the extraction of high value compounds	IMRC/AISTDF/CRD/2019/000141 dated 29.06.2020	10.07.2020	10,17,848.00	Ten lakhs Seventeen Thousand Eight Hundred Eighty Four only
4	2020-21	Dr. Surinder Singh, Prof. (ECE)	Ministry of Education, GOI, SICI	Design of Ultra Sensitive Bimetallic Anisotropic PCF-SPR Biosensor for Liquid Analyte Sensing	SPG-2020 dated 11.11.2020	14.12.2020	85,000.00	Eighty Five Thousand only
5	2020-21	Dr. Vikas Nanda, Prof. (FET)	Board of Research in Nuclear Sciences (BRNS) (An advisory body of the Department of Atomic Energy, Govt. of India)	Process Development and Validation for Evaluating Auditeration in Honey	55/14/16/2020-BRNS/35046 dated 15.09.2020	14.12.2020	17,39,009.00	Seventeen lakhs Thirty Nine Thousand Nine only
6	2020-21	Dr. R.K. Mishra	Ministry of Science & Technology (MST)	Skill Vigyan Program of DBT	BT/HRD/01/05/2019 dated 31.05.2019	22.01.2021	31,50,000.00	Thirty One lakhs Fifty Thousand only

Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, District Sangrur, Punjab

Data on Prescribed format for NIRF 2022

Sponsored Research Projects								
S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date / Amount Recd. On	Amount Received (In Rupees)	Amount received (in words)
2019-20								
1	2019-20	Dr. Surinder Singh, Prof. (ECE)	DST, SERB Collaborative research project	Design and Development of Novel Optoelectronic Devices for High Speed Reconfigurable Optical Access Networks	Sanction No. IMRC/AISTDF/R&D /P-5/2017 dated: 01/02/2018	24.09.2019	6,58,914.00	Six Lakhs Fifty Eight Thousand Nine Hundred and Fourteen only
2	2019-20	Dr. Sanjay Marwaha, Prof. (EIE)	AICTE, Govt. of India	MODROB-Rural worth of Rs. 1182500 from AICTE on dated 16.05.2019	F.No. 84-52/R1/FD/MODRO B/RURAL/Policy-1/2019-20; 16/05/2019	16.05.2019	11,82,500.00	Eleven lakhs eighty two thousand five hundred only
3	2019-20	Dr. Anupama Marwaha, Prof. (ECE)	AICTE, Govt. of India	MODROB-Rural worth of Rs. 1110000 from AICTE on dated 16.05.2019	F.No. 84-41/R1/FD/MODRO B/RURAL/Policy-1/2019-20; 16/05/2019	16.05.2019	11,10,000.00	Eleven lakhs ten thousand only
4	2019-20	Dr. P.S Panesar, Prof. (FET)	CSIR, GOI, New Delhi, India for 2019-2022	<i>"Biorefining of Kinnow mandarin waste for the extraction of bioactive compounds for the development of novel functional foods using green technologies"</i>	38(1491)/19/EMR-II dated 31/7/19	31.07.2019	11,89,167.00	Eleven Lakhs Eighty nine thousand one hundred sixty seven only
5	2019-20	Dr. Ajat Shatru Arora, Prof. (EIE)	AICTE, Govt. of India	<i>Margdarshan Scheme</i>	58-14/RIFD/ Mardarshan/2019-20 dated 06.09.2019	06.09.2019	22,50,000.00	Twenty Two lakhs Fifty thousand only
6	2019-20	Dr. P.S Panesar, Prof. (FET)	Punjab State Council for Science and Technology (PSCST), Chandigarh with the support of Biotechnology Industry Research Assistance Council (BIRAC)	Setting up <i>"Secondary Agricultural Entrepreneurial Network"</i> in Punjab	No. PSCST/1353 dated 15/07/19	15.07.2019	1,80,000.00	One Lakh Eighty thousand only
7	2019-20	Dr. Charanjiv Singh, Prof. (FET)	ICMR, New Delhi	Characterization and utilization of protein isolate from detoxified meal of plum kernel	3/1/2/127/2019-(Nut.) dated 07.12.2020	07.12.2020	4,40,000.00	Four lakhs fourty thousand only
8	2019-20	Dr. Vivek Kumar, Assistant Prof. (ME)	TEQIP-III, NPIU, Govt. of India	Development of Smart System for Monitoring Surface Roughness in Turning process	SLIET/ DEAN/ (R&C)/2020/1110	05.02.2020	2,10,000.00	Two Lakhs Ten thousand only

Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, District Sangrur, Punjab

Data on Prescribed format for NIRF 2022

Sponsored Research Projects								
S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date / Amount Recd. On	Amount Received (In Rupees)	Amount received (in words)
9	2019-20	Mr. Sunil Kumar, Assistant Prof. (ME)	TEQIP-III, NPIU, Govt. of India	Design of low Cost FSR Insole Based Gait Analysis System for Medical and Sports Application	SLIET/ DEAN/ (R&C)/2020/1110	05.02.2020	2,03,000.00	Two Lakhs Three thousand only
10	2019-20	Mr. Vinod Kumar Meena, Assistant Prof. (CE)	TEQIP-III, NPIU, Govt. of India	Pollution Prevention through Electrochemical Degradation and Mineralization of Pharmaceuticals	SLIET/ DEAN/ (R&C)/2020/1110	05.02.2020	1,00,000.00	One Lakh only
11	2019-20	Ms. Payal Malik, Assistant Prof. (Chemistry)	TEQIP-III, NPIU, Govt. of India	Cerium Oxide Nanoparticles Catalyzed Synthesis of Lactide from Lactic Acid	SLIET/ DEAN/ (R&C)/2020/1110	05.02.2020	1,00,000.00	One Lakh only
12	2019-20	Dr. Hemant Kumar, Assistant Prof. (Chemistry)	TEQIP-III, NPIU, Govt. of India	Synthesis and Characterization of Lanthanum Doped Cobalt Ferrite Nanoparticles Photocatalysts for Environment Remediation	SLIET/ DEAN/ (R&C)/2020/1110	05.02.2020	1,00,000.00	One Lakh only
13	2019-20	Dr. Dilip Kumar, Professor (ECE)	TEQIP-III, NPIU, Govt. of India	Design & Development of Intelligent Emergency Task Management system for Bedridden Patients	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	40,800.00	Fourty thousand eight hundred only
14	2019-20	Dr. Surita Maini, Professor (EIE)	TEQIP-III, NPIU, Govt. of India	Development on Non-Contact Vibration Measurement System using optical Feedback	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	44,600.00	Fourty four thousand six hundred only
15	2019-20	Dr. Manmohan Singh, Assoc. Prof. (EIE)	TEQIP-III, NPIU, Govt. of India	Google Map Assisted Toy Vehicle	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	37,100.00	Thirty Seven thousand one hundred only
16	2019-20	Dr. Suram Singh Verma, Prof. (Physics)	TEQIP-III, NPIU, Govt. of India	ECPCB (Electronically Controlled and Programmed Circuit Breaker)	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	39,064.00	Thirty Nine thousand sixty four only
17	2019-20	Mr. Rahul Gautam, Assistant Prof. (CSE)	TEQIP-III, NPIU, Govt. of India	Automatic Western Loo & Wheel-Chair for Differentially Abled	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	49,810.00	Fourty nine thousand eight hundred ten only
18	2019-20	Dr. Shankar Singh, Assoc. Prof. (ME)	TEQIP-III, NPIU, Govt. of India	Industry Oriented Project: Design and Fabrication of Obstacle Avoidance Drone	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	49,240.00	Fourty nine thousand two hundred fourty only
19	2019-20	Dr. P.K. Singh, Prof	TEQIP-III, NPIU, Govt. of India	Design and Fabrication of Stair Climber	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	42,000.00	Fourty Two thousand only
20	2019-20	Dr. P.K. Singh, Prof	TEQIP-III, NPIU, Govt. of India	Design and Development of Economical Condition Monitoring System for Rack and Pinion Drives	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	47,800.00	Fourty Seven thousand eight hundred only

Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, District Sangrur, Punjab

Data on Prescribed format for NIRF 2022

Sponsored Research Projects								
S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date / Amount Recd. On	Amount Received (In Rupees)	Amount received (in words)
21	2019-20	Dr. R.K. Saxena, Prof. (ME)	TEQIP-III, NPIU, Govt. of India	Design and Fabrication of Voice Controlled Intelligent Wheel Chair	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	74,250.00	Seventy Four thousand two hundred fifty only
22	2019-20	Dr. C.S. Riari, Prof. (FET)	TEQIP-III, NPIU, Govt. of India	Development of Reinforced Multilayered Fiber Board using Waste of Coconut Fiber and Cereal Husk	SLIET/ DEAN/ (R&C)/2020/1111	05.02.2020	41,500.00	Fourty one thousand five hundred only
23	2019-20	Dr. Surita Maini, Professor (EIE)	Shastri Indo Canadian Institute, New Delhi	Shashtri Mobility Program - Design Microwave Antenna Integrated with Temperature Sensor for Microwave Ablation	--	22.11.2019	2,00,000.00	Two lacs only
24	2019-20	Ms. Barasha Mali, Assistant Professor (Mech. Engg.)	Shastri Indo Canadian Institute, New Delhi	Shashtri Membership Development Grant - IOT Using Arduino	--	23.11.2019	20,000.00	Twenty thousand only

Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, District Sangrur, Punjab

Data on Prescribed format for NIRF 2022

Sponsored Research Projects								
S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date / Amount Recd. On	Amount Received (In Rupees)	Amount received (in words)
2018-19								
1	2018-19	Dr. Anupama Marwaha, HOD (ECE)	GOI, DST, R&D Infrastructure Division	Financial Assistance to the Department of Electronics and Communication Engineering of SLIET Longowal to augment of research facilities in the Department	FST/ET-1/2018/157 (C)	14.03.2019	57,00,000.00	Fifty Seven Lacs only
2	2018-19	Prof. Surinder Singh	GOI, Ministry of Science & Technology, DST (International Bilateral Corporation Division)	Indo-Russian Joint Project entitled : Optical Metrology of Ultra Short Pulses for Design of Flexible MIMO Based Next Generation Optical Communication Networks	INT/RUS/RFBR/P-312	11.03.2019	10,74,336.00	Ten Lac Seventy Four thousand Three hundred thirty six only
3	2018-19	Prof. Surinder Singh	AICTE, New Delhi	Design and Development of Photonic Plasmonic Biosensor for Detection of Heavy Metals in Ground Water of Punjab	8-2/ RIFD/RPS-NDF/Policy-1/2018-19	13.03.2019	24,62,500.00	Twenty Four lac Sixty two thousand Five hundred only
4	2018-19	Prof. Rajesh Kumar	AICTE, New Delhi	Development of Fault Identification System for Water Turbine Making use of Vibration Signal and Artificial Intelligence	8-29/ RIFD/RPS-NDF/Policy-1/2018-19	13.03.2019	16,80,000.00	Sixteen Lac Eighty thousand only
5	2018-19	Prof. Sandeep Mohan Ahuja	AICTE, New Delhi	Performance Analysis and Optimization for Capturing CO ₂ Using Amine Solvents	8-39/RIFD/ RPS-NDF/Policy-1/2018-19	13.03.2019	15,90,000.00	Fifteen Lac Ninety thousand only
6	2018-19	Dr. Amit Rai	TEQIP-III	Modelling Simulation and Optimization of Extraction Parameters of Supercritical Extractions of Various Indian Spices and Herbs	SLIET/Dean(R&C)/2019/693	26.03.2019	1,47,500.00	One Lac Forty seven Thousand Five hundred only
7	2018-19	Dr. Avinash Thakur	TEQIP-III	Development of Environmentally Benign Green Smulston Liquid Membrane (GELM) Separation Technology for the Removal of Industrial Pollutants (Chromium) (VI) and Phenol	SLIET/Dean(R&C)/2019/693	26.03.2019	1,00,000.00	One lac only
8	2018-19	Dr. Charanjeet Singh Saini	TEQIP-III	Development of Flaxseed Protein based Coatings to increase storage life of Fruits	SLIET/Dean (R&C)/2019/693	26.03.2019	1,00,000.00	One Lac only

Sant Longowal Institute of Engineering & Technology (SLIET), Longowal, District Sangrur, Punjab

Data on Prescribed format for NIRF 2022

Sponsored Research Projects								
S.No.	Financial Year	Name of Faculty (Principal Investigator)	Name of the Funding agency	Title of the Project	Sanctioned order no.	Sanctioned date / Amount Recd. On	Amount Received (In Rupees)	Amount received (in words)
9	2018-19	Er. Anuj Bansal	TEQIP-III	Design and Development of Cavitation test rig to analyse the cavitation crosion of Hydro-Machinery Steels under surface modification	SLIET/Dean(R&C)/2019/693	26.03.2019	1,00,000.00	One lac only
10	2018-19	Er. Surinder Kumar	TEQIP-III	Tribological Investigation of Synthesized nanoparticles based composite lubricant	SLIET/Dean(R&C)/2019/693	26.03.2019	1,00,000.00	One Lac only
11	2018-19	Er. Sunil Kumar	TEQIP-III	Quality Analysis of Indian Basmati Rice Grains Using Digital Linkage Processing Technique (For Rice Mill Industry)	SLIET/Dean(R&C)/2019/693	26.03.2019	15,000.00	Fifteen thousand only.

Summary - Research Projects	
Year	Amount Received
2020-21	67,49,666.00
2019-20	84,09,745.00
2018-19	1,30,69,336.00