



Sant Longowal Institute of Engineering & Technology

(Deemed University under MoE, Govt. of India),

Longowal-148106, District Sangrur (Punjab)

Ref. No. _____

Dated: _____

3.1.6

3.1.6 Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

3.2.2 Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

3.2.3 Number of research projects per teacher funded by government and non-government agencies during the year

Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Department	Year of Award	Funds provided (INR in lakhs)	Durati on of the projec t	
Design of High-Speed Multichannel Optical Wireless Communication System Based on Hybrid WDM Free Space Optics Transmission Link for MIMO Applications	Under Teachers Associateship for Research Excellence (TARE) to Dr. Amit Gupta, Punjab Technical University, Jalandhar, Punjab- 144011 under the Mentorship of Dr. Surinder Singh, at Sant Longowal Institute of Engineering and Technology (SLIET),	Science & Engineering Research Board (SERB), New Delhi	Government	Electronics & Communication Engineering	2022	1005000	3- Years	http://rnc.sliet.ac.in/files/2022/11/RP-2022-Sanction-orders.pdf http://rnc.sliet.ac.in/projects/

	Longowal, Distt. Sangrur							
Probiotic-Millet based Synbiotic Oral Hydrogels for the Amelioration of Iron Deficiency Anemia and Associated Inflammation	PI: Dr. P.S. Panesar, Prof., FET Deptt. & Co-PI: Dr. C.S. Riar, Prof., FET Deptt.	Department of Biotechnology (DBT), New Delhi	Government	Food Engineering & Technology	2022	2660800	3-Years	http://rnc.sliet.ac.in/files/2022/11/RP-2022-Sanction-orders.pdf
Non-Invasive Application of Thermal Imaging to Co-relate Clinically Node Positive Head and Neck Cancer	PI:Dr. Tapas Dora, HBCH, Sangrur, Co-PIs:Dr. Sankalp Sancheti, HBCH, Sangrur Dr. A.S. Arora, Professor, EIE Department, SLIET, Longowal, Dr. Ashwani Kumar Aggarwal, Assistant Professor, EIE Department, SLIET, Longowal, Co-Investigators: Ms. Ruchika Thukral, Research Scholar, SLIET, Longowal Mr. Gulshan Kumar, Research Scholar, SLIET, Longowal	Institutional Ethics Committee of Tata Memorial Centre, Homi Bhabha Cancer Hospital & Research Centre (HBCH), Sangrur (Punjab), A Unit of Department of Atomic Energy, Government of India	Government	Electrical & Instrumentation Engineering	2021	0	2-Years	http://rnc.sliet.ac.in/files/2022/11/RP-2021-Sanction-orders.pdf
Knowledge Sharing and Capacity Building Workshops for Precision Agriculture using UAV techniques in South and Southeast Asia	PI: Ram Avtar, Hokkaido University From India: Dr. Ashwani Kumar, Associate Professor EIE Department, Role : team member countries involved:	Asia-Pacific Network for Global Change Research, Japan	Government	Electronics & Instrumentation Engineering	2021	0	2-Years	http://eie.sliet.ac.in/projects/

	Bangladesh, India, Japan, Malaysia, Indonesia, Viet Nam						
Microscopy and impaging of Sampleson Stereomicroscopic available in Biotechnology Lab.	Dr. P.S. Panesar, Professor (FET)	Dr. Sanna Chaudhary, Guru Nanak Dental College & Research Institute, Sunam	Non- Government	Food Engineering & Technology	2021	7080	http://rnc.sliet.ac.in/files/2022/11/2019-to-2021_Audited-statement-of-Consultancy-Projects.pdf

(Director, SLIET)