

Sr. No.	Project Title	Principal Investigator/Supervisor/ Coordinator	Funding Agency	Sanction details, Budget Sanctioned & Term of Project
1.	Design of Novel polydentate chelators for sensitization of trivalent europium and terbium luminescence Sanctioned on: 30.04.2012 Financial Year: 2012-13	Prof. B.K. Kanungo, Deptt. of Chemistry	Science & Engg. Research Board	Office order (No. SR/S1/IC-17/2011 dt. 30.04.2012) for 3 years (2012-2015), <b>Project of Rs. 43, 59, 000/-</b> <b>Completed</b>
2.	Application of TDPAC to study hyperfine interactions in Biomolecules and Nanocrystals  Grant under Research Promotion Scheme (RPS) during financial year 2011-12	Dr. Sardool Singh Ghumman, Deptt. Of Physics	AICTE	8023/RID/RPS-14(Govt., II Policy/ 2011-12 dated: 03/02/2012, Budget of <b>Rs. 15, 00, 000/-</b> . Project of 2 years. <b>Closed on 05/07/2018</b>
3.	Development of processes for production, downstream processing and applications of oligosaccharide producer enzymes	Project Investigators: Dr. P.S. Panesar, Professor (Food Engg. & Technology Deptt.), SLIET, Longowal and Prof. Ram Sarup Singh from Punjabi University, Patiala  Co-PI: Dr. Balwinder S Sooch, Assistant Prof., Punjabi University Patiala	GOI, Ministry of Science & Technology, Department of Biotechnology (DBT), New Delhi  (Network project)	Total Rs. 70, 67,000/- (Rs. 48,62,000/- for Punjabi University & <b>Rs. 22,05,000/- for SLIET</b> ) (for Punjabi University & SLIET). Project of 36 months. Sanction Letter No. BT/PR4742/PID/6/635/2012 dated: 10/01/2013  <b>(Completed in June- 2016)</b>
4.	Development of Reliable, Efficient and Cost-Effective Controller for permanent magnet brushless DC Motor Drive with Reduced Sensors and improved Power Quality at Utility mains Sanctioned on: 18.03.2013 Financial Year: 2012-13	Dr. Sanjeev Singh, EIE Deptt.	(RPS) AICTE, New Delhi	<b>Rs. 15, 00, 000/-</b> for three years (20/AICTE/RIFD/RPS (Policy-IV) 32/2012-13 dt. 18.03.2013  <b>(Completed in August- 2016)</b>
5.	Infrastructure Development & Augmentation of Food Biotechnology Laboratory	Dr. P. S. Panesar, FET Deptt.	AICTE, New Delhi under MODROB	<b>Rs. 20, 00, 000/-</b> for one year (File No. 9-165/RIFD/ MODROB/Policy-1/2013-14 dt. 29.07.2013. Project of one-year duration.  <b>(Completed 2014-15)</b>

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6.	Development of immobilized Cell Technology for the production of L (+) lactic acid using waste potato starch	Dr. P.S. Panesar, FET Deptt.	CSIR, New Delhi	Sanction letter No. 38(1347)/12/EMR-II dated: 16/10/2012, <b>Rs. 5,50,417/-</b> <b>(Completed June- 2016)</b>
7.	Synthesis of value-added organic chemicals by electrolytic oxidation of soda agro residue black liquor	Dr. H.R. Ghatak, ChE. Deptt.	CSIR	Sanction letter No. 02 (0135)/13/EMR-II, dated: 12/04/2013 and subsequent letters, Grant received <b>Rs. 6, 74,801/-</b> . <b>Completed in May- 2018</b>
8.	Enhancement of Flexibility of Optical Communication Networks	Dr. Surinder Singh, ECE Deptt.	AICTE, New Delhi	Sanction letter No. 20/AICTE/RIFD/RPS (Policy-1)/60/2013-14, Dated: 24/07/2013. Project of 3 years. <b>Project of Rs. 15,00,000/-</b> <b>Completed in December- 2017.</b>
9.	Future Trends of Broadband Wireless Communications and Networking (Summer Winter School Scheme)	Dr. Surinder Singh, ECE Deptt.	AICTE, New Delhi	Sanctioned vide F. No. 24-14/RIFD/SWSS/POL-1/2013-14 for <b>Rs. 7,00,000/-</b> . Project of 12 days. <b>(Completed in 2013)</b>
10.	Modernization of Polymer Testing and Characterization Laboratory Duration/period 2013-14	Dr. Vinay Kumar, ChE. Deptt.	AICTE (MODROB)	Sanction F. No. 9-164/RIFD/MODROB/POLICY-1/2013-14, project of one-year duration. Project of <b>Rs. 12, 20, 000/-</b> . <b>Completed in November- 2015</b>
11.	Bio-Technological Approaches for the Value addition of Kinnow Mandarin waste for bio-pigment production	H.O.D. (FET) / Dr. Reeba Panesar	CSIR	S. Order No. B-11583 dated 4/07/2011 <b>Completed during the year 2014-15</b>

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12.	Creation of Infrastructure facilities for M. Tech. (Food Technology) course scheme of Ministry of Food Processing Industries, New Delhi	Prof. H K Sharma, HOD, FET Deptt.	Ministry of Food Processing Industries, New Delhi	No. F. No. 5-03/2011 dt.30/03/2016 from Ministry of Food Processing Industries, New Delhi <b>Rs. 68, 80, 000/-</b> . UC may be furnished latest by 29/09/2016  <b>Completed</b>
13.	Award of ASEAN-Indian Research & Training (AIRTf) under ASEAN- India Science and Technology Development Fund of GOI to Mr. Dai Van Pham, Institute of Materials Science Vietnam for a period of 6 months w.e.f. 01/06/2019 to 30/11/2019.  Research Topic- Design of Photonic Crystal Fiber Biosensor for Biochemical and Chemical Applications, Engineering Sciences	Dr. Surinder Singh, Professor ECE and Dr. Vinod Kumar Verma, Assistant Professor, CSE of SLIET, Longowal	Federation of Indian Chambers of Commerce and Industry (FICCI), New Delhi	File No. RTE/2018/000022 dated: 10/05/2019.  <b>Rs. 4,00,000/-</b>  Award of ASEAN-Indian Research & Training (AIRTf) under ASEAN- India Science and Technology Development Fund of GOI to Mr. Dai Van Pham, Institute of Materials Science Vietnam for a period of 6 months w.e.f. 01/06/2019 to 30/11/2019.  <b>Completed</b>
14.	Setting up Secondary Agricultural Entrepreneurial Network in Punjab	PI: Prof. P. S. Panesar, FET Department	Punjab State Council for Science and Technology, Chandigarh with the support of Biotechnology Industry Research Assistance Council (BIRAC), DBT-GOI	Ref. No. PSCST/1353 dated: 15/07/2019 for a period of six months. Budget <b>Rs. 1, 80, 000/-</b>  <b>Completed in June- 2020</b>
15.	Design and Development of Novel Optoelectronic Devices for High-Speed Reconfigurable Optical Access Networks	<b>From India-</b> Dr. Surinder Singh, Prof. ECE Department SLIET, Longowal &  <b>From ASEAN side</b> Dr. Quang Minh, Head of Laboratory of Materials and Engineering Science, Hanoi, Vietnam	DST, SERB  Collaborative research project	Sanction No. IMRC/AISTDF/R&D/P-5/2017 dated: 01/02/2018, period for 03 years w.e.f. 01/02/2018. Project of Rs. 18, 07, 080/-. Budget revised to <b>Rs. 20, 70, 628/-</b> , vide No. IMRC/AISTDF/R&D/P-05/2017 dated: 17/01/2020 from AISTDF Secretariat, 5 & 5A Lower Ground Floor, Vasant Kunj, New Delhi.  <b>Completed in January- 2021</b>

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		Dr. Amin Malekmohammadi, Department of Electrical & Electronic Engineering, University of Nottingham, Malaysia.		
16.	MODROB- Rural Scheme, Year- 2019-2020	Coordinator- HOD- ECE	AICTE	F.No.84-41/RIFD/MODROB/Rural/Policy-1/2019-20, dated: 16/05/2019. Budget Sanctioned <b>Rs. 11, 10, 000/-</b> , project of 02 years  <b>Completed in March- 2022.</b>
17.	MODROB- Rural Scheme, Year- 2019-2020	Coordinator- HOD- EIE	AICTE	F.No.84-52/RIFD/MODROB/Rural/Policy-1/2019-20, dated: 16/05/2019. Budget Sanctioned <b>Rs. 11, 82, 500/-</b> , project of 02 years  <b>Completed in August- 2022.</b>
18.	Project under Research Promotion Scheme for Research Centres under National Doctoral Fellowship (RPS- NDF) during Financial year 2018-19  Title- “Development of Fault Identification System for Water Turbine Making Use of Vibration Signal and Artificial Intelligence”	PI: Prof. Rajesh Kumar, ME Department	AICTE, New Delhi	Ref. No. File No. 8-29/RIFD/RPS-NDF/Policy- 1/2018-19 dated: 13/03/2019 of <b>Rs. 17,00,000/-</b> for 03 years  <b>Completed in December- 2022.</b>

**Updated up to 06/12/2022**