



Sant Longowal Institute of Engineering & Technology
Longowal, District- Sangrur, Punjab- 148 106 *
(Deemed to be University under MHRD, Government of India)

Office of Dean (Research & Consultancy)

Ref. No. SLIET/Dean/(R&C)/2019/758


Dated: 25/11/2019

OFFICE ORDER

Student projects were invited through Ref. No. SLIET/Dean (R&C)/396 dated: 14/08/2019. As per presentations held on 07/11/2019 and 08/11/2019 and recommendations of the Evaluation Committees, project proposals sanctioned by the Competent Authority from TEQIP- III are attached at ANNEXURE 1 (Page No 1 & 2). All the proposals need minor/major revision as given in Annexure 1.

All the FAs must ensure that the revised project proposals completed in all respect be submitted to the Office of undersigned latest by 06/12/2019 and 1- 2 ICD students be included in each team of projects and participation of UG students from different years be encouraged. All projects are required to be completed latest by 31/08/2020 and no extension will be given.

Broad guidelines for projects sanction from TEQIP- III are given overleaf.


(Prof. P.S. Panesar)
Dean (R&C)

Copy to:

1. Director- for information please
2. Concerned HODs for necessary action please
3. All Faculty & Co-Faculty Advisors for necessary action please
4. Coordinator TEQIP- III for necessary action please
5. DR (A&A)
6. Webmaster with a request to upload on the Institute website
7. File copy

TEQIP- III: Minor research grant scheme for Faculty (Assistant Professors) and Students

Broad Guidelines:


1. The Minor Research Grant scheme of funding amount of up to 3 Lakh per research project to individual faculty member is applicable to the young faculty (Assistant Professors) of the Institute.
2. One external expert from the other Department/Institute nominated by the Director should be essentially a member project sanction/evaluation committee.
3. The concerned faculty member should submit the proposal in standard format. The activities necessary for scale-up research and innovation (except international travel and purchase of major* equipment) may be supported under the scheme. **A single item costing INR 50,000/= or above may be considered major equipment subject to the concurrence of the Head of the institution.*
4. The financial assistance shall be admissible for procurement of raw materials, consumables, tools, minor equipments, fabrication and testing expenses etc. No TA/DA will be admissible from the sanctioned amount of project. An appropriate portion (suggestive up to 20% of the approved project budget) may be allowed for purchase of minor equipment and software. In exceptional cases Head of the institution may permit for higher proportion. All expenditure related to testing and procurement of minor equipment, software and consumables shall be done following the institute purchase rules. These items will be property of the institute and registered in the stock register of the concerned department.
5. The first installment may be 20% of the approved project budget shall be released to the Principal Investigator or his/her Department (through PFMS) to initiate the research project. Further onwards, release of funds shall be based on the reimbursement of actual expenditure (may be monthly) upon submission of Utilization Statement of earlier installment. The requirement of first installment is more than 20%, the same may be considered with the approval of the competent authority. However, it should be clearly mentioned with justification at the time of submission of application.
6. The release of research grants shall be booked under head 'Research & Development'.
7. Duration of Research Grant shall not exceed the TEQIP completion timeline. In the situation of extension of TEQIP closure timeline, research projects may also be extended.
8. The PI have to ensure that utilization of funds is made as per Institute rules, and submission of half yearly progress report to the office of Dean (R&C) through concerned HOD. The institute will review of progress in the projects under the scheme. In case of unsatisfactory progress, Director may cancel the project and/or funds be recovered from PI.
9. The financial assistance shall be sanctioned in the name of PI. All files shall be routed through concerned HOD and Dean (R&C).
10. In case the PI leaves the Institute, the Co-PI (a regular faculty member) will handle the responsibility. In absence of a Co-PI (a regular faculty member), the HOD will ensure to depute another regular Faculty in consultation with the already approved PI to handle the project.
11. In case of Projects for Students, the financial assistance shall be sanctioned in the name of Faculty Advisor (FA) and all the points (1-10) will be admissible as such upon replacing/reading PI as faculty advisor.

ANNEXURE 1:

Student projects were invited through Ref. No. SLIET/Dean (R&C)/396 dated: 14/08/2019. As per recommendations of the Evaluation Committees, following project proposals have been sanctioned by the Competent Authority from TEQIP- III. All the proposals need minor/major revision as given below. **The FAs must ensure that the revised project proposals completed in all respect be submitted to the Office of undersigned latest by 06/12/2019 and project is required to be completed latest by 31/08/2020 and no extension will be given.**

- i. Project category
- ii. The term of students must consist of 1-2 ICD students and participation of UG students from different years be encouraged, 5-8 UG/PG students from different batches. The list of students must be clearly indicated the name, Regn. No., contact No., email id, mobile No., etc.
- iii. Name of Faculty Advisor with contact details
- iv. Revision in any part of the proposal, if advised by the Evaluation Committee
- v. Time schedule of work execution

S. No.	Deptt.	Project Category	Project Title	Student Leader	Faculty Advisor	Estimated Budget in Rs.	Remarks
1.	ECE	Community Service Utility Project	"Guardian"	Piyush Raj Anand, GCS/1740651 along with other 7 students team	Dr. Dalip Kumar, AsP, ECE	43, 899/-	Recommended subject to: Revision of title, budget and specifications of items
2.	EIE	Technology Development/Industry oriented	Development on non- contact vibration measurement system using optical feedback	Shubham Mahagan, GIN/1830392 along with other 7 students team	Dr. Surita Maini, AsP, EIE	56,000/-	Recommended subject to: Revision of the budget & items to be purchased
3.	EIE	Hardware & Software	Intelligent Irrigation "Enhancing Agricultural Productivity With IoT"	Harmanjeet Singh, GEE/1731522 along with other 7 students team	Dr. Manmohan Singh, AsP, BIE and Er. Asim Ali Khan, AsP, EIE	22,000/-	Recommended
4.	EIE	Technology Development	Smart Ambulance	Barkha Kumari, GWT along with other 4 students team	Dr. Pratibha Tyagi, AsP, EIE	41,000/-	Recommended subject to: Revision of the title, objectives & methodology of the project
5.	EIE	Technology Development	IOT Frame-Work for energy efficient smart-home	Saurabh Kumar, GIN/1830342 along with other 6 students team	Dr. Manpreet Kaur, AsP, EIE	8, 950/-	Recommended
6.	EIE	Technology Development	Self Driving Vehicle	Pradhuman, GEE/1640011 along with other 3 students team	Dr. Manmohan Singh, AsP, EIE	42,000/-	Recommended subject to: Revision of tile, objectives& budget
7.	ME	Community Service Utility Project	ECPCB (Electronically Controlled and Programmed Circuit Breaker)	Aditya Gupta, GME/1840303 , along with other 7 students team	Dr. Suram Singh Verma, Prof., Physics	45, 064/-	Recommended subject to: Revision of objectives & budget
8.	CSE	Technology Development	Automatic Western Loo & Wheel-Chair for deferentially abled	Yashraj Thakur, GCS/1830017 along with other 7 students team	Er. Rahul Gautam, AP, CSE and Er. Kuldeep Singh, AP, ECE	49, 810/-	Recommended
9.	CSE	Technology Development	PANORAMA-Automated Vehicle	Satish Kaushik, GCS/1740603 along with 4 students team	Er. Sukhpreet Singh, AP, CSE and Dr. Manoj	41, 600/-	Recommended subject to: Revision of the title,

 Dean (R&C)

					Sachan, AsP, CSE		methodology and budget of the project
10.	Mech. Engg.	Technology Development	Obstacle Avoidance Drone	Raj Bikram, GWT/1933048 along with 4 other students team	Prof. Shankar Singh, Mech., Engg.	37, 200/-	Recommended Revision of the objectives & methodology of the project
11.	Mech. Engg.	Technology Development	Design and Fabrication of Stair Climbing Trolley	Nitesh Verma, GME/1640089 along with 3 other students team	Prof. P.K. Singh, Mech., Engg.	26, 370/-	Recommended Revision in cost/budget estimates Specifications of the proposed components/items
12.	Mech. Engg.	Industry Oriented Project	Design and Development of Economical Condition Monitoring System for Rack and Pinion Drives	Vikrant Guleria, PME/1801 along with 3 other students team	Prof. P.K. Singh, Mech., Engg.	47, 800/-	Recommended The project leader to be included from UG Spell out the miscellaneous items
13.	Mech. Engg.	Technology Development	Design and Fabrication of PID Controlled Digital Thermocole Pattern Cutting Device	Satyam, GWT/1933007 along with 5 students team	Er. Rakesh Kumar, AsP, Mech., Engg.	27,612/-	Recommended Revision of the objectives & methodology of the project
14.	Mech. Engg.	Community Service Utility Project	Smart Wheel Chair	Aditya Gupta, GME/1840303 along with 7 other students	Dr. RK Saxena, Prof., Mech., Engg.	74, 990/-	Recommended Revise the title of the project & discuss with teams of EIE dept
15.	Chem Engg.	Technology Development	Thermo Chemical Conversion of Bio Mass to Bio Oil	Manish Kumar Ravi, GCT/1640038 along with 3 students team	Prof. H.R. Ghatak, Chem. Engg.	50,000/-	Recommended Revision of the objectives outcome & budget of the project
16.	FET	Technology Development	Development of Reinforced Multilayered Fiber Board using Waste of Coconut Fiber and Cereal Husk	ManshiTomar, GFT/1840204 along with 4 other students team	Dr. CS Riar, Prof., FET	45,000/-	Recommended Revision of budget of the project

General guidelines:

- The financial assistance shall be admissible for procurement of raw materials, consumables, tools, minor equipments, fabrication and testing expenses etc. No TA/DA will be admissible from the sanctioned amount of project.
- The financial assistance shall be sanctioned in the name of Faculty Advisor (FA). All the files shall be routed through Dean (R&C).
- The Faculty Advisors have to ensure that utilization of funds is made as per Institute rules.
- The Faculty Advisors shall submit the half yearly progress report to the Office of under through concerned HOD.
- The Faculty Advisors have to ensure that projects gets completed and the project completion report along with the utilization certificate (UC) be submitted to the office of Dean (R&C) within one year from the date of sanction of the project.
- In case the Faculty Advisor leaves the Institute, the Co-Faculty Advisor (a regular member) will handle the responsibility. In absence of a Co-Faculty Advisor (a regular faculty member), the HOD will ensure to depute another Faculty in consultation with the already approved Faculty Advisor to handle the project.
- The Faculty Advisor will install the fabricated set up in a laboratory to be developed in the Department in consultation with the HOD.