



OFFICE ORDER

Faculty projects were invited through Ref. No. SLIET/Dean (R&C)/2018/311 dated 04/09/2018. As per recommendations of the Evaluation Committees, following project proposals have been sanctioned by the Competent Authority from TEQIP- III (sub-component 1.3.2.5).

| S. No. | Project title | Name of PI | Budget (in Rs.) | Remarks |
|--------|--|---|-----------------|---|
| 1. | Modelling Simulation and optimization of Extraction Parameters of Supercritical Extraction of various Indian Spices and Herbs | Dr. Amit Rai, Asstt. Prof., Dept. of Chem. Engg. | 1,47,500/- | The software procured shall be made available to the Department for students and faculty. |
| 2. | Development of Environmentally Benign Green Emulsion Liquid Membrane (GELM) Separation Technology for the Removal of Industrial Pollutants (Cromium (VI) and Phenol) | Dr. Avinash Thakur, Assoc. Prof., Dept. of Chem. Engg. | 1,00,000/- | |
| 3. | Development of Flaxseed Protein based coatings to increase storage life of Fruits | Dr. Charanjiv Singh Saini, Assoc. Prof., Dept. of FET | 1,00,000/- | |
| 4. | Design and Development of cavitation test rig to analyse the cavitation erosion of Hydo-Machinery steels under surface modification | Er. Anuj Bansal, and Jonny Singla Asstt. Prof., Dept. of Mech. Engg. | 1,00,000/- | |
| 5. | Tribological investigation of synthesized nanoparticles based composite lubricant | Er. Surinder Kumar, Asstt. Prof., Dept. of Mech. Engg. | 1,00,000/- | |
| 6. | Quality Analysis of Indian Basmati Rice Grains Using Digital Image Processing Technique (For Rice Mill Industry) | Er. Sunil Kumar, and Dr. Raj Kumar Garg Asstt. Prof, EIE | 15,000/- | Without funds for PC/ Laptop. |

*Note: The PIs are advised to submit the revised project proposal with regard to

- Detailed budgetary requirements, under the heads (i) Equipment (non-consumables), (ii) Consumables, (iii) Travel, (iv) Miscellaneous, etc.
- Possible outcomes, under the heads (i) Utility (social/technology (or product development) and Novelty, (ii) Possible publications (SCI/ SCIE/ Scopus/ WoS), (iii) Possibility of external funding for a large scale expansion of the project, etc.

The PIs must ensure that the revised project proposal complete in all respects be submitted to be office of the undersigned latest by 12/04/2019.

General guidelines:

- The financial assistance shall be sanctioned in the name of PI. All the files shall be routed through Dean (R&C).
- 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 undersigned through HOD
- The PI has to ensure that project gets completed and the project completion report along with the utilization certificate (UC) is submitted to the office of Dean (R&C) within one year from the date of sanction of the project.
- 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.
- The PI will install the fabricated set up in a laboratory to be developed in the Department in consultation with the HOD.

P. K. Singh
Dean (R&C)

Copy to:

- Director- for information please
- Concerned HODs- for necessary action please
- Concerned PIs (through HoD) – for necessary action please
- Coordinator – TEQIP- III for necessary action please
- FI (A&A) – for necessary action please