



National Institute of Technology Calicut

Office of Dean (R & C)

R &C/UG res/2021-1

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Strengthening UG/PG Research-General guidelines for providing financial assistance

The Institute encourages the students to do innovative projects which can end up in a product/prototype that results in patent/copyright/technology transfer/publications in SCI journals. The financial assistance will be provided to innovative projects to meet the expenses related to software packages, fabrication/assembly charges, consumables and contingency. General guidelines for the financial assistance are given below:

Eligibility: (i) An individual student or batch of up to four students from a particular branch or from different branches, regular in academics, successfully completed fifth semester of B.Tech. or seventh semester for B.Arch.

(ii) An individual student who is regular in academics, successfully completed first semester M. Tech/M. Plan/M. Sc/MBA and third semester MCA.

Necessary Condition: The students with back papers and/or disciplinary action from the Institute/Hostel section are not eligible to submit project proposal.

Note: In exceptional cases, the present second year B. Tech / third year B. Arch students can also apply for the same.

Type of the project: The proposed project can pertain to a specific domain or an interdisciplinary area. The proposed project can be the B.Tech/B. Arch./M. Tech/M. Plan/M.Sc/MBA/MCA major project itself (as per the curriculum) or different research project. If it is interdisciplinary or the batch contains students from different disciplines, there can be more than one guide from appropriate disciplines. Among the guides, one can be the main supervisor. In the case of more than one student, one student will be nominated as project leader. It is better that the proposed project shall be taken as the major project in their curriculum to reduce the burden.

Duration: The duration of the project will be preferably two semesters (maximum four semesters). All projects shall end up by 8th semester for B Tech or 10th semester for B Arch or 4th semester for M.Tech/M.Plan/M.Sc/MBA or 6th semester for MCA. The project shall be completed sufficiently in advance before the completion of the academic programme so as to get sufficient time for documentation related to patenting/publication/technology transfer/copyright as the case may be, by the team.

Selection: Applications must be submitted in the specified format, duly recommended by the project guide(s) and the HOD (s). An Institute level committee will select the projects eligible for funding and decide the financial assistance to be sanctioned based on the proposal and presentation made by the student groups.

Following will be the general criteria for selection: **(i)** level of innovation or creativity in the proposed work **(ii)** scope for developing a novel design, product or algorithm/specific tool having potential for patenting or to be published in an SCI journal or to be eligible for copyright or technology transfer and **(iii)** capability of the students to complete the project in a time bound manner.

The committee may propose changes in the objectives, methodology to bring more creativity and better level of innovation.

Financial Assistance: **(a)** Once the financial assistance is sanctioned for the project, expenditure under approved heads can be made under reimbursement basis, as per the Institute norms/GFR guidelines. Under essential situations, the main supervisor can apply for advance for a limited amount and settle it as per the Institute norms, **(b)** Financial assistance will be made available in a phased manner based on the progress of the project and performance as decided by the institute committee, and **(c)** No financial assistance will be provided to a project which is funded by another scheme or an agency. In case, if the project got financial assistance from another funding agency at a later stage, no further expenditure shall be permitted from the project amount sanctioned from the Institute.

Evaluation: **(a)** Monthly progress report shall be submitted by the team through the guide(s)/HOD in the prescribed format **(b)** An Institute level committee will evaluate the projects as and when necessary but atleast once in a semester **(c)** Project progress or completion report (on successful completion of the project) in the prescribed format shall be submitted by the team

through the guides/HODs, and **(d)** The Institute level evaluation will be additional to the normal evaluation by the Dept. for academic grading in the case of major projects.

Outcome: Expected outcome of the project is a novel design, hardware/software product or algorithm/specific tool having potential for patenting or copyright or technology transfer or publication in SCI journal. Main supervisor shall take immediate steps for filing the patent through the Institute patent cell or similar means as per the Institute policies /norms. If the evaluation committee proposes a research paper from the project in an SCI journal, the main supervisor shall take immediate steps for submitting the paper to the appropriate journal. All the subsequent activities like revisions, clarifications, demonstrations, commercialization etc. in the case of patent/copyright/technology transfer or paper shall be taken care of by the main supervisor or a guide. The product(s)/item(s) developed/paper published shall be handed over to the Institute (product in full operating /working condition) for further display/potential use.

Certificates & Awards: All the students completing the project successfully will get a certificate. Certificates will also be provided to faculty guides of the successful projects. Based on the performance assessed by the Institute level committee, awards may be presented to best projects.

Submission of Application and Proposal

Soft copy of the duly filled application along with the proposal must be mailed to drcad@nitc.ac.in and the hardcopy must be submitted to The Office of Dean (Research and Consultancy). Please fill up the following link before submitting the hard copy of the proposal.

<https://forms.gle/QMXcnMhr3KZ1WEL9A>

For any clarification and enquiries you may contact:

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Dean (Research & Consultancy)