I-STEM
Indian Science, Technology and Engineering facilities Map

Centre for Nano Science and Engineering,
Indian Institute of Science, Bangalore 560 012 Karnataka, India.

Ref: I-STEM/Catalyticgrant/acad_02/2021-22 **Date: 28 / 01/ 2022**

To,
Dr. Shijo Thomas
SMSE, National Institute of Technology Calicut

Sub: Support to the Researchers with the Catalytic Grant (Reverse funding) provided by the I-STEM

Dear *Dr. Shijo Thomas*
I-STEM is pleased to inform that the committee/I-STEM has recommended to support the research work with the catalytic grant for the project entitled "*Thermal management of electric powertrain systems*" submitted by *Dr. Shijo Thomas* and *Mr. Sumanth Shashidhara* to the I-STEM in a "reverse funding" manner, i.e., via partial reimbursement of expenses actually incurred, upon submission of valid documents.
I-STEM will provide monetary support of up to Rs. 1,00,000/ (One Lakhs only) for tests/analyses conducted and consumables procured plus up to Rs. 10,000/ (Ten Thousand only) for the travel and lodging & boarding only incurred on testing of the specimens, procuring of consumables, and travel for commuting from the parent institute (where you are registered) to host institute (where you are conducting the experiments/tests). The amount must be used/claimed within 6 months from the issue of this letter. Please make a note that the travel amount will be given only to commute for the testing of specimens in different institutions and not be available for any other purposes.

The following conditions must be adhered to get the support as catalytic funding:
1. A declaration from the Registrar (on Institution letterhead) of the Parent academic institute that all the R&D equipment are listed at the I-STEM portal with required details such as usage rate, suppliers/service provider and Annual Maintenance Contract (AMC) Records/Health of all the equipment, and it is mapped with the operators to take care of the internal and external bookings through I-STEM portal.
2. The equipment you need to use in nearby institution (custodian organization/institution) must be listed at the I-STEM portal and booking must be done through the booking calendars for record and auto billing/receipt.
3. The consumables which need to procured must be listed at the I-STEM portal (suppliers map) only and request of these consumables may be raised through the portal, if required.
4. The purchase of the equipment/or its accessories/software are not permitted with the catalytic grant.
5. The travel cost up to 3rd AC Class Rail Fare (No tatkal fare) or actual for each visit, whichever is less, will be reimbursed.
6. Lodging/boarding cost will be allowed up to 1500/ per day or actual, whichever is less, for staying (if needed) at the location, near by the host institute.
7. The invoices for reimbursement must be submitted to I-STEM within 30 (thirty) days from the date of service obtained/ invoice(s) generated, together along with a technical report.
8. Original Bills for travel via rail/bus from the parent institute (where you are registered) to the host institution (where tests/analyses are conducted) must be submitted for reimbursement. Bills for travel by Autorikshaw/Taxi will not be reimbursed, if submitted.
9. Continuation of support within the aforesaid period will be subject to satisfactory review by the I-STEM Team, whose decision shall be final and binding.
10. The user needs to acknowledge the support provided by the I-STEM, in all the publications, academic thesis, and official technical reports stemming from the project. The acknowledged statement may be stated as follows: *"The Author(s) acknowledge that the work reported here was supported in part by I-STEM (Indian Science, Technology, and Engineering facilities Map) program, funded by the Office of the Principal Scientific Adviser to the Govt. of India."*

National Coordinator
Indian Science Technology and
Engineering facilities Map (I-STEM)
CeNSE, IISc Bangalore -560012 India
National Coordinator, I-STEM

CC to:
The Registrar, National Institute of Technology Calicut