

Ref: KITS/ADMN/NAIN/3/2019-AA-KIT (85465)

Date: 31/07/2024

Dear Sir/Madam,

Subject: Approval of 1st Batch Projects and Grants as per "NAIN 7th Steering Committee" meeting recommendation – reg.

With reference to the above subject, the 1st batch of projects and grants for NAIN Phase-4, encompassing 11 colleges, has been approved following the recommendations of the NAIN 7th Steering Committee.

All projects are to be completed within **12 months** from the date the 1st tranche of CAPEX grants is received. For procurement of raw materials and project completion, please adhere to the NAIN Operational Guidelines (OPG). Any deviations from these guidelines may not be considered at later stages.

Once 75% of the 1st tranche amount has been utilized, colleges are requested to submit a Utilization Certificate (UC) to facilitate the release of the second/final tranche of funds. Upon project completion, a detailed project report must be submitted to the Karnataka Innovation and Technology Society (KITS) within 30 days.

The list of approved projects and grant and NAIN-OPG is enclosed with this letter for your reference.

Thank you.

Shahana
31.07.2024

General Manager
Admin and Accounts
KITS

CC:

1. All 11 Colleges of NAIN Phase-4
2. Office Copy

General Manager (Admin & Accounts)
Karnataka Innovation and Technology Society (KITS)
Department of IT, BT and S&T
Government of Karnataka

Alva's Institute of Engineering. & Technology, Moodbidri, Dakshina Kannada

No.	Project	KITS Approved Grants (in INR)
1	Fertilizer Quality Testing Machine Using IR Spectroscopy	2,50,000.00
2	Graphene Based Field Effect Transistor (FET) Sensor Development: Heart Disease Diagnosis via Nitric Oxide and Acetone Gas Analysis of Breath	1,75,000.00
3	Development of Automatic Solar Power Operated Rice Straw Bag Filling machine for Oyster Mushroom (Pleurotus florida) Cultivation	1,50,000.00
4	Eco-Charge Transforming Green Mobility with TiO2 Photocatalysis and Hydrogen Fuel Cells	1,75,000.00
5	Design and development of sensor based inter and intra row weeder for areca nut (Areca catechu L)	1,60,000.00
6	Agriculture Intelligent node (Anode) - Crop Recommendation and Early Detection of Lack of Nutrients and Diseases Using Machine Learning & Image Processing and Growth Monitoring System	1,60,000.00
7	Kannada Text to Braille Converter Device	80,000.00
9	Folding beds for patients	1,00,000.00
9	Development of interlock pavers using waste plastics with the addition of APTES polymer to reduce the carbon footprint	1,00,000.00
	Total approved grant	13,50,000.00



Kannada
31.07.2024

**General Manager A&A
KITS**

General Manager (Admin & Accounts)
Karnataka Innovation and Technology Society (KITS),
Department of IT, BT and S&T
Government of Karnataka