

**DIRECTORATE OF TECHNICAL EDUCATION
THIRUVANANTHAPURAM
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PROCEEDINGS

Education - Technical- Plan Budget 2026-27 - Research Initiatives - Annual Requirements of various institutions under Directorate of Technical Education - Comprehensive Administrative Sanction accorded for the year 2026-27- Orders issued- Reg.

PLANNING SECTION

No.L5/01/2026

Thiruvananthapuram, Dated: 03-10-2026

Read:- 1. State Plan Budget 2026-27
2. Minutes of the Research Proposal Review Meeting.

ORDER

Government, as per the State Plan Budget 2026-27 read as (1) above have provided outlay for various activities of the Centre of Excellences set up at various Government Engineering Colleges as part of the scheme viz. Research Initiatives.

Accordingly, Heads of Institution had forwarded proposals including various requirements for their centres for the year 2026-27 as detailed below

Sl. No.	Project and Institution	Administrative Sanction amount ₹
1.	Nodal Center for Robotics & AI - Government Engineering College, Thrissur	30,00,000/- (Rupees Thirty Lakhs Only)
2.	Center for Disaster Mitigation and Management	50,00,000/- (Rupees Fifty Lakhs Only).
3.	Establishment of an Interdisciplinary Research Centre for Affordable Automation Technologies to Improve Productivity in the Plantation Sector at Government Engineering College, Idukki	15,00,000/- (Rupees Fifteen Lakhs Only).
	Grand Total	95,00,000/- (Rupees Ninety Five Lakhs Only).

The proposals has been scrutinized by the expert committee and as per read (2) cited above, it has been recommended to issue Comprehensive Administrative sanction for an amount of ₹95,00,000/- (Rupees Ninety Five Lakhs Only) towards the implementation of the approved components of the proposals, as detailed below

A) Government Engineering College, Thrissur -**Nodal Centre of Robotics and AI**

Sl.	Item	Qty	Amount (₹)
1	Laser Line Projector	1 No.	1,00,000
2	Vision Sensor	1 Set	4,20,000
3	Acoustic Beam-forming Camera	1 Set	1,00,000
4	GPU Workstation	1 No.	5,50,000
5	Normal PC	2 No.	4,40,000
6	LiDAR	1 No.	2,50,000
7	Rapid Prototyping Machine	2 No.	1,60,000
8	Modular Welding Table	1 No.	1,20,000
9	Bench Grinder	1 No.	25,000
10	Drone Parts	1 Set	2,60,000
11	LiPo Battery	1 Set	75,000
12	High Torque Actuators	4 No.	3,20,000
13	Underwater Vehicle Thrusters	1 Set	1,80,000
Total			30,00,000/- (Rupees Thirtry Lakhs Only).

B) Centre for Disaster Mitigation and Management

Sl. No	ITEM	Amount (₹)
1	EQUIPMENT COMPLETE GPR SYSTEM (SIR4000 CONTROLLER + 200MHz ANTENNA + RADAN Software)	41,50,000/-
2	Consumables (Sensors for Landslide Early warning System)	8,50,000/-
	TOTAL	50,00,000/- (Rupees Fifty Lakhs Only).

C) Establishment of an Interdisciplinary Research Centre for Affordable Automation Technologies to Improve Productivity in the Plantation Sector at Government Engineering College, Painavu, Idukki.

Sl. No.	Category	Details	Amount (₹)
1	Manpower	Research Associates, Lab Technicians, Field Support Staff	4,60,000
2	EQUIPMENT	Sensors, microcontrollers, IoT kits, drones, tools, PC, actuators, robotic arms	8,00,000
3	CONSUMABLE	as per requirement	1,40,000
4	CONTINGENCY	Travel, documentation, maintenance, unforeseen expenses	1,00,000
		TOTAL	15,00,000

In the aforesaid circumstances, Comprehensive Administrative Sanction is hereby accorded to the Principals of Engineering Colleges as detailed above for meeting various requirements at Centres of Excellence for a total admissible amount of ₹95,00,000/- (Rupees Ninety Five Lakhs Only) subject to the following conditions and as per detailed below.

1) Those posts not included in the latest Government Order providing guidelines for appointment and fixation of pay of the daily wages/contract employees or in the pay revision order, may be classified into respective Grade I to Grade IV officer category as specified in the pay revision order and travel expenses can be permitted based on the Grades.

(2) The scheme shall be implemented in accordance/compliance with all Government rules/orders in force by observing all the procedural formalities. The store purchase rules shall be followed as per the delegation of powers of the Head of the institution while according Purchase and Payment sanction at Institution level for Research Projects only.

The expenditure on this account will be met from the Head of Account 2203-00-004-93-PLAN (Research Initiatives)

Dr JAYAPRAKASH P
DIRECTOR

To,

1. Head of Institutions (Principals of Concerned Engineering Colleges).
2. Accountant General (A &E) Kerala, Thiruvananthapuram
3. Finance A Section
4. C.A. to Senior Finance Officer
5. Assistant Director (Projects)
6. Stock File & Office Copy

Digitally signed by
Jayaprakash P
Date: 03-10-2026
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