



ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

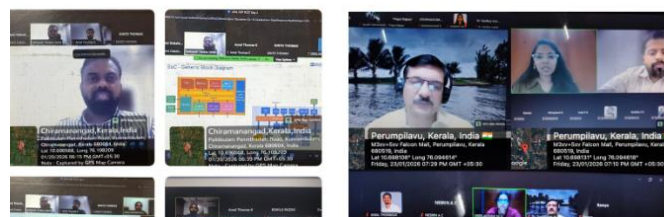
NEWSLETTER AUGUST , SEPTEMBER & OCTOBER 2025

ATAL FDP

A 6-day AICTE–ATAL Online Faculty Development Programme on “Energy-Efficient LLM Model Deployment on Edge and Cloud” was conducted from 19–24 January 2026 by the Department of Artificial Intelligence and Data Science, RCET. The programme focused on advanced computing concepts, including efficient deployment of large language models, edge and cloud integration, and the role of AI in modern technological applications.

The sessions covered key topics such as AI agents and agentic workflows, low-power and sustainable AI solutions, deep learning applications, geospatial analysis, and real-world system development. Emphasis was given to energy optimization, research advancements, and practical implementation, providing valuable insights for faculty, researchers, and industry professionals. The inaugural ceremony was graced by Dr. Hari Krishna Maram, Co-Founder, Chairman & Digital Brand Ambassador of Vision Digital India, who emphasized the importance of energy-efficient AI deployment and sustainable practices. Prof. (Dr.) P. Suresh Venugopal, Principal of RCET, presided over the ceremony and highlighted the institution's commitment to faculty development. The programme was conducted under the patronage of Mr. K. M. Hyderali, General Secretary, and Mr. V. P. Salim, CEO of RCET. The inaugural session was followed by expert talks in different areas in the upcoming days.

ATAL ONLINE 6 DAY FACULTY DEVELOPMENT PROGRAMME SCHEDULE 2025-26					
ADVANCED COMPUTING (SUPER COMPUTING, AI AND DATA SCIENCE)					
ENERGY-EFFICIENT LLM MODEL DEPLOYMENT ON EDGE AND CLOUD					
START DATE: 19. 01. 2026 (MONDAY) AT 6:00 P. M			END DATE: 24. 01. 2026 (SATURDAY) AT 8:00 P. M		
DAY 1 6:00 PM TO 6:30 PM SESSION 1 TOPIC: INTRODUCTION TO ENERGY EFFICIENT LLM DEPLOYMENT ON EDGE AND CLOUD NAME OF THE EXPERT: Dr. S SURENDRAN		DAY 2 6:00 PM TO 7:30 PM SESSION 3 TOPIC: HOW 'MATHS' DEVELOPER IS POWERING THE FUTURE OF DATA CENTERS AND BEYOND NAME OF THE EXPERT: Mr. RATHESH THEKKE VEETIL		DAY 3 6:00 PM TO 7:30 PM SESSION 4 TOPIC: LLM POWERED RESEARCH AND DEVELOPMENT FOR ACADEMICAL NAME OF THE EXPERT: Dr. P BEVATHY	
DAY 4 6:00 PM TO 7:30 PM SESSION 7 TOPIC: SUSTAINABILITY IN AI/ML: HOW TO BUILD GREEN AI USING DEEP LEARNING MODELS NAME OF THE EXPERT: Dr. MANU M R		DAY 5 6:00 PM TO 7:30 PM SESSION 9 TOPIC: REAL-WORLD APPLICATIONS: BUILDING REAL WORLD LLM SERVICES NAME OF THE EXPERT: Ms. ATHIRA M		DAY 6 6:00 PM TO 7:30 PM SESSION 10 TOPIC: DEEP LEARNING BASED FLOOD AND LANDSLIDE SUSCEPTIBILITY ANALYSIS USING DEEP LEARNING MODELS NAME OF THE EXPERT: Dr. SREENIVASAN K	
DAY 6: ONLINE TEST & FEEDBACK - 6:30 PM TO 7:30 PM VALEDICTORY SESSION - 7:30 PM TO 8:00 PM		DAY 6 7:30 PM TO 8:00 PM SESSION 11 TOPIC: DEEP LEARNING BASED REPRESENTATION LEARNING FOR MEDICAL APPLICATIONS NAME OF THE EXPERT: Mr. MITHYAS M P			



PALS WORSHOP

Second year students from Artificial Intelligence and Data Science (AIDS) department (Muhammed Adil Noushad, Naveenvas, Sanusha K S) have been shortlisted for the prestigious PALS Flagship Residential Student Workshop, following their participation in the Tinkathon conducted at Vidya Academy of Science & Technology on 25th October 2025. This selection was announced by the PALS Program Management Office, recognizing the students' performance and innovation during the workshop. The institution congratulates the students on this achievement and wishes them success in the upcoming Residential Student Workshop.



Digifest Prize Distribution

Department of Artificial Intelligence and Data Science organized state level Digi Fest at RCET and gathered 150+ HSS students' teams into college with their projects. Invited IIT Kanpur PhD faculty for being the Evaluator. The program was coordinated by Mr. Amal Thomas K AP/AD. Prizes were distributed to the winners of Digifest conducted by AD department related to Techfest. Blooming Buds Bethania students got felicitated by RCET for their award during Digi Fest. Amal Thomas K was the Program Coordinator. The principal presided over the function.



Workshop

A one-day workshop was conducted on 3rd November 2025 at Royal College of Engineering and Technology, Thrissur, in the 239 Deep Learning Lab, with 20 students participating. The session was coordinated and led by Mr. Amal Thomas K from the Department of Artificial Intelligence & Data Science. It focused on key career-building skills such as CV preparation, LinkedIn optimization, job portal readiness, and interview preparation



- Ms. Sincy V Thambi, AP/AD completed Digital Skills Readiness Program and is a Wipro Certified faculty.
- Ms. Sincy V Thambi and Ms. Jeeshma John, a faculty member of the Department of Artificial Intelligence and Data Science (AIDS) at Royal College of Engineering & Technology, actively participated in the Faculty Development Program (FDP) on “How Teachers Can Make a Difference”, held from November 6 to 8, 2025.
- K-DISC (Kerala Development and Innovation Strategic Council), Samagra Shiksha Kerala, and the General Education Department. Mr. Amal Thomas K served as an Evaluator at the 8th School Innovation Fest, the state-level finale of the Young Innovators Programme (YIP) 8.0. This event acts as the premier platform for identifying and nurturing the most promising student innovators from schools across Kerala.



- Ms. Sneha K A, AP,AD conducted a Knowledge Dissemination Session on “Students Residential Workshop at IITM by PALS” on 12th December 2025 at the AD Lab.
- Amal Thomas K, AP/AD being the IIC Coordinator incubated 4 Startups at RCET, 2 Students team went to Finals of SIH 2025, Two S8 projects got External Fundings, 1 Patent filed this academic year
- Team RCET (Royal College of Engineering & Technology) secured the Second Runner-Up position in the State-Level Hackathon held at Government Engineering College, Palakkad. The team members included Krishnaprasad (S7 AD), Siyad (S8 AD), Afsal (S6 AD), Shana Mumthaz (S8 AD), Sooraj Mohan (S6 ECE), and Sneha Ramachandran (S6 ECE)



- Students from AD Department, Ahamed Sinan, Muhammed Nizam, Muhammed Amaan and Mohammed Nihal S got first prize in DeepHub AI Hackathon conducted related to Techfest at RCET.



- Sreenand Manoj S6, AD Qualified to attend University Team Trials Kho-Kho men



INTERNSHIPS

Department of Artificial Intelligence and Data Science



JASINA
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