

15.	Dr. Shalabh Kumar Mishra Dr. Dinesh Kotary (Co-PI)	Multimodal Sensor Signal Processing Using AI for Affective-State Monitoring and Milk Productivity Improvement in Dairy Cattle.	UPCST	19,08,000	3 Years
16.	Dr. Ankit Verma (PI) Dr Alok Kumar Shukla (Co-PI) Dr Pragyeey Kumar Kaushik (Co-PI) Dr Prince Kumar Singh (Co-PI)	Development of Flexible Organic Biosensors for Glucose Detection in Saliva for Diabetic Patients	UPCST	20.78 Lakhs	3 Years
17.	Dr Alok Kumar Shukla	Physics-Informed Bayesian AI-Based Reliability Analysis of Radiation-Hardened Microelectronic Systems (PIBRAM)	ANRF	25 Lakhs	5 Years
18.	Dr. Shalabh Kumar Mishra (CI) Dr. Shivam (Co-PI)	A Unified Kernel-Based Mathematical Framework for Analysis and Selection of Fractional Derivative Operators in Engineering Systems	ANRF	25 Lakhs	5 Years
19.	Dr. Dinesh Kotary	Development of a Real-Time Pollen Allergy Content Monitoring System Using Wireless Sensor Networks (WSN) for Urban and Rural Environments	ANRF	25 Lakhs	5 Years
20.	Dr. Prince	Design and Development of Ultra-Low-Power TFET-Based Neuromorphic Architecture for Next-Generation Artificial Intelligence Application.	ANRF	25 Lakhs	5 Years
21.	Dr. Rajan Mishra (Lead-PI) Prof. S. K. Soni (PI) Dr. Ritesh Maurya (PI)	AI- Based Real Time Obstacle Detection and Navigation using Embedded LiDAR-on-Chip for Autonomous UAV _s	ANRF MAHA DRONE Scheme	1,67,73,162	3Years
22.	Dr. Vijay Kumar Verma	AI-based ADCS with AI star/sun sensors and docking-ready stack	ANRF-ARF	4.5 Cr.	3Years
23.	Dr. Vijay Kumar Verma	Multi-clock ensemble with GA-tuned Kalman steering and FPGA prototype; proposed budget	ISRO	45 Lakhs	3Years

Seminar/Conference/Symposia/Workshop/Training Programme / FDP organized by the Department : 06

S.N.	Title	Date (s)
1.	IEEE International Conference on Electrical and Electronics Engineering (ICE3-2025)	19-20 Sep. 2025
2.	International FDP on Synergizing Problem & Project Based Learning with Design Thinking for Nurturing Creativity, Innovation and Entrepreneurship	15-19 Sep. 2025
3.	“One-week Workshop on Integrated Antenna Design, PCB Simulation, & 5G using Ansys Electronics, 8-12 December 2025”	8-12 December 2025
4.	Organized IEEE International Conference on "Green Technologies and Sustainable Solutions (GTSS-2026)", MMMUT, Gorakhpur.	Feb. 19-20,2026
5.	6-week summer Internship on VLSI Devices to Systems Design using Silvaco, Cadence and FPGA (VDSDFSCF-2026)	1st June-10th July 2026
6.	6-week summer Internship and Training on IOT, Drone, Robotics, 3D Printing, Artificial Intelligence, Ansys Modelling and Simulation	1st June-10th July 2026