Annamacharya University - Rajampet

Details of proposals submitted to funding agencies for A.Y. 2025-26

Sl. No.	Application No.	Names of the			Department	Project title	Amount	Details of Funding Agency		
		PI	Co-PI 1	Co-PI 2				Name of Funding Agency	Name of the Program/Scheme	Date of Submission
1	RP1	Dr.L.Obulapathi			H&S	Studies on thin films:systhesis and characterization of copper chromimum oxide thin film by DC magnetron sputtering	39,71,760	Anusandhan National Research Foundation (ANRF)	Advanced Research Grant (ARG)	08-07-2025
2	RP2	Dr.J.Chinna Babu	Dr.Shaik Karimullah	Dr. Fahimuddin Shaik	ECE	Design and Implementation of FPGA-Based Anomaly Detection in Network Intrusion Detection systems using principal component	41,40,000	Anusandhan National Research Foundation (ANRF)	Advanced Research Grant (ARG)	15-07-2025
3	RP3	Dr.C.Venkatesh	Dr. Fahimuddin Shaik	Dr.CH. Nagaraju	ECE	Optimizing Lung Cancer Diagnosis through advanced AI Techniques and IoT Integration in High-Risk regions of Andhra Pradesh	52,60,000	Anusandhan National Research Foundation (ANRF)	Advanced Research Grant (ARG)	15-07-2025
4	RP4	Dr. Fahimuddin Shaik	Dr.Shaik Karimullah	Dr.J.Chinna Babu	ECE	Design and Development of a computer Aided Diagnosis system with Internet of Things (IoT) for the analysis of Diabetic foot ulcers from infrared thermograph	47,52,000	Anusandhan National Research Foundation (ANRF)	Advanced Research Grant (ARG)	15-07-2025
5	RP5	Dr.J.Chinna Babu			ECE	An AI-Driven Lifestyle Analytics for Early Risk Prediction of Obstructive Sleep Apnea in Resource-Limited	58,74,400	Anusandhan National Research Foundation (ANRF)	Inclusivity Research Grant (IRG)	29-07-2025
6	RP6	Dr.C.Venkatesh			ECE	Development of A Nature-Inspired Medical Image Analysis Model for Diabetic Cardivascular and Muscular Complications	55,88,400	Anusandhan National Research Foundation (ANRF)	Inclusivity Research Grant (IRG)	29-07-2025
7	RP7	Dr.Ch. Nagaraju			ECE	Design and Development of an IOT- Enabled Wireless ECG and Vital Sign Monitoring Framework for Mining Communities	51,47,400	Anusandhan National Research Foundation (ANRF)	Inclusivity Research Grant (IRG)	29-07-2025
8	RP8	Dr. N. Merrin Prasanna	Dr. M. Subba Rao		CSE	Towards Resilient IoT- Driven Telemedicine in Indian Healthcare: A Cyber security and Machine Learning Approach	53,49,000	Anusandhan National Research Foundation (ANRF)	Inclusivity Research Grant (IRG)	29-07-2025
9	RP9	Dr.B. Devaraj Naik			ME	Enhanced Safety and Durability of Lithium-Ion Batteries with Biochar-PCM Integration and Optimized Jet Impingement Cooling	39,66,600	Anusandhan National Research Foundation (ANRF)	Inclusivity Research Grant (IRG)	31-07-2025
10	RP10	Dr. J. Sreeranganayakulu			EEE	Green Hydrogen Production and Utilization in Residential and Educational Institutions	19,25,000	Ministry of New and Renewable Energy (MNRE)		07-08-2025
11	RP11	Dr. N. Chinna Alluraiah	Dr.K. Harinath Reddy		EEE	Design and Optimization of Hydrogen-Based Microgrids for Remote and Islanded Communities	30,00,000	Ministry of New and Renewable Energy (MNRE)		07-08-2025
12	RP12	Dr. Pasala Gopi	Dr. P. Suresh Babu		EEE	Smart Hybrid Energy Storage System with AI-Driven Optimization for Rural Microgrids	27,00,000	Central Power Research Institute (CPRI), Banglore	Research Scheme on Power (RSoP)	10-08-2025
13	RP13	Dr. P. B. Chennaiah			EEE	Modelling and Analysis of Cybersecurity for Smart Power Transmission Grids	25,00,000	Central Power Research Institute (CPRI), Banglore	Research Scheme on Power (RSoP)	10-08-2025
14	RP14	Dr. O. Hemakesavulu	Dr. S. Venkateswarlu Reddy		EEE	Next Generation Techniques for Evaluating Capacity Fade in Lithium-Ion cells	30,00,000	Ministry of New and Renewable Energy (MNRE)		11-08-2025

15	RP15	Dr. S. Suresh			EEE	Low-Cost Saltwater Battery for Renewable Energy Harvesting	5,00,000	Ministry of micro, small & medium Enterprises		10-07-2025
16	RP16	Dr. S. Muqthiar Ali	Dr. P. B. Chennaiah	Dr. S. Suresh	EEE	Artificial Intelligence based Agents for Dynamic Energy Storage & Fault Diagonalization in Smart Grid	52,00,000	Central Power Research Institute (CPRI), Banglore	Research Scheme on Power (RSoP)	11-08-2025
17	RP17	Dr.M. Nagaraja Kumar	Dr. M. Subba Rao	Dr. D Sarika	H & S CSE CSE	AI and IoT-Based System for Early Detection and classification of Leaf Diseases in crops	67,66,000	Anusandhan National Research Foundation (ANRF)	Convergence Research Centres of Excellence (CoE)	11-08-2025
18	RP18	Dr. D. Sarika	Dr. P. Suresh Babu		CSE EEE	Smart Grid Integration of Renewable Energy Resources Using PMUs, FACTS Devices, Cloud Computing, and Big Data Analytics for Enhanced Grid Stability and Optimization	21,00,000	Central Power Research Institute (CPRI), Banglore	Research Scheme on Power (RSoP)	11-08-2025
19	RP19	Dr. P. Subramanyam	Dr.N.Penchalaiah	Dr. T. Hari Krishna	MBA AIML AIML	Machine Learning driven forecasting of Crop Yields via Meteorological & Pesticide Data fusion	87,40,400	Anusandhan National Research Foundation (ANRF)	Convergence Research Centres of Excellence (CoE)	11-08-2025
20	RP20	Dr. M. Praveena	Dr.N.Penchalaiah	Dr. T. Hari Krishna	H & S AIML AIML	Innovative E-Commerce driven by PI: A platform for ethical, versatile, and vernacular intelligence	1,40,84,550	Anusandhan National Research Foundation (ANRF)	Convergence Research Centres of Excellence (CoE)	11-08-2025
21	RP21	Dr. G. Kanuka Raju	Dr. K. Bala		MBA CSE	An interpretable and secure AI model for COVID-19 diagnosis using deep learning and block chain	61,93,799	Anusandhan National Research Foundation (ANRF)	Convergence Research Centres of Excellence (CoE)	12-08-2025
22	RP22	Dr. N. Mallikarjuna Rao			CSE	Modeling, analysis and Real-time implementation of sustainable energy management system using hybrid AI and Quantum	77,38,320	Ministry of Science and Technology (MST)	Quantum Algorithms	18-08-2025
23	LF1	Dr. Ch Nagaraju			ECE	Promoting quantum education through an advanced undergraduate laboratory under NQM	1,25,08,000	Ministry of Science and Technology (MST)	UG teaching loboratories in Quantum Technologies	18-08-2025
24	RP23	Dr. Swarna Surekha	Dr. N. Penchaliah	–	AIML	Advancing cyber defence in key sector through quantun innovations and capacity building	1,29,00,000	Ministry of Electronics and Information	Cyber Security Group	23.08.2025
25	RP24	Dr. N. Penchalaiah	Dr. P. Phanidra Kumar Reddy	–	AIML AIDS	Quantum Biotechnology framework for AI-IoT enabled precision bioinformatics and Smart health systems	1,21,41,034	Ministry of Science and Technology	Dept. of Biotechnology (DBT)	29.08.2025
26	RP25	Dr. Kishore Kumar N	Dr. P. Phanidra Kumar Reddy	–	ME AIDS	AI/ML Assisted design and process technology development of lightweight 6XXX Aluminium alloys for additive manufacturing applications	37,76,00,000	Ministry of Science and Technology	Advanaced Manucturing Tech. (AMT)	30.08.2025
27	RP26	Dr. P. Phanidra Kumar Reddy	Dr. N. Penchalaiah	–	AIDS AIML	Development and Demonstration of sustainable packing material from Agro and Food waste using circular Bio-refinery and Bio Economy approach	14,69,00,000	Ministry of Science and Technology	Waste Management Technologies (WMT)	30.08.2025
28	RP27	Dr. N R Gowthami	Mr. Ajaya Kumar Reddy	Dr. Devaraj Naik	CE ME ME	Green concerete development using coal tailings, fly ash, and GGBS a sustainable alternative to OPC	24,58,500	Ministry of Science and Technology	Waste Management Technologies (WMT)	30.08.2025
29	RP28	Dr. N. Sivarami Reddy	Dr. M. Padma Lalitha	–	ME EEE	Development of scheduling methodology in a multi-machines flexible manufacturing system without tool delay with alternative routing	40,68,000	Ministry of Science and Technology	Advanaced Manucturing Tech. (AMT)	02.09.2025
30	RP29	Dr. T. Harikrishna	Dr. C. V Lakshmi Narayana	–	AIML	Next generation block chain integrated artificial Intelligence for trust worthy data collaboration	1,59,50,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	02.09.2025
31	RP30	Dr. C. V Lakshmi Narayana	Dr. T. Harikrishna	–	AIML	A privacy preserving machine learning framework for cyber security in the digital era	1,24,50,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	06.09.2025

32	RP31	Dr. K. Riyazuddin	Dr. Ch. Venkatesh	–	ECE	Biosensing and MI monitoring powered by quantum methods for environmental bio-remediation	60,80,000	Ministry of Science and Technology	Dept. of Biotechnology (DBT)	08.09.2025
33	RP32	Dr. K. Uday Kumar Reddy			AIDS	Federal learning-enabled cyber security frame work for adhoc networks in critical sectors	83,45,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	12.09.2025
34	RP33	Dr. T. Hari Kala	Dr. M. Subba Rao		CSE	Space and UAV security and forensics: Enhancing resilience and investigative capabilities for emerging aerospace systems	1,40,00,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	11.09.2025
35	RP34	Dr. P. Chengamma	Dr. M. Subba Rao		CSE	Indigenous hardware and software solutions for cyber security: Building trusted and secure digital infrastructure for India	1,73,00,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	11.09.2025
36	RP35	Dr. M. Hanumanthu	Dr. G. Tirumalaiah		ECE	Design of Quantum-Resistant Cryptograpic protocals for Emerging Security challenges	86,00,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	14.09.2025
37	RP36	Dr. G. Tirumalaiah	Dr. M. Hanumanthu		ECE	Neurogaurd: Federated AI intrusion detection for automotive sensor ecosystem	45,12,400	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	14.09.2025
38	RP37	Dr. M. Padma Lalitha	Dr. P. Bala Chennaiah	Dr. C. V. Lakshmi Narayana	EEE AIML	Indigenous cyber-secure AI-based Omtrusion detection and response system for smart energy grids	50,00,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	15.09.2025
39	RP38	Dr. S. Venkateswarly Reddy	Dr. Pasala Gopi		EEE	Integrating sustainability and cybersecurity for reliable send life battery energy management	15,00,000	Central Power Research Institute (CPRI), Banglore	Research Scheme on Power (RSoP)	16.09.2025
40	RP39	Dr. K. Sankar	Dr. S. Fahimuddin	Dr. G. Tirumalaiah	ECE	Facial spoof detection using multi-model image processing to assure a securebiometric authentication	31,90,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	16.09.2025
41	RP40	Dr. M. Venkata Das	Dr. Ch. Venkatesh	Dr. Ch. Nagaraju	ECE	Biomedical Image processing framework for early detection of diabetes complications	47,56,500	Ministry of Science and Technology	Dept. of Biotechnology (DBT)	16.09.2025
42	RP41	Dr. S. Fayaz Begum	Dr. Ch. Nagaraju		ECE	Scyber security based IoT framework for women's safety and healthcare in tribal india	41,00,000	Ministry of Electronics and Information Technology (MeitY)	Cyber Security Group	17.09.2025
43	EP1	Dr. M. Subba Rao			CSE	Applied AI mastery: A Transformative learning journey in machine learning, deep learning, data science, and real-world AI solution	95,620	Directorate of Faculty Development Centre, JNTUA	Faculty Development Program	22.09.2025
44	EP2	Dr. N. R. Gowthami			CE	Sustainable innovations in eivil engineering: Pathways to greener future	95,000	Directorate of Faculty Development Centre, JNTUA	Faculty Development Program	24.09.2025
45	EP3	Dr. Pasala Gopi			EEE	Second Life Applications of Electric Vehicle Batteries : from Fundamentals to Sustainable Implementation	90,000	Directorate of Faculty Development Centre, JNTUA	Faculty Development Program	25.09.2025
46	EP4	Dr. S. Venkates warlu Reddy			EEE	Securing smart grids with quantum-secure cyber physical systems for electric vehicles	90,000	Directorate of Faculty Development Centre, JNTUA	Faculty Development Program	27.09.2025
47	EP5	Dr. Pasala Gopi			EEE	Battery 2nd life and sustrainability-technologies, Challenges and Future opportunities	1,30,000	Anusandhan National Research Foundation (ANRF)	Seminal/Symposia	07.10.2025
48	EP6	Dr. K. Vijay Baskar			EEE	Resillient BESS: Cybersecurity for next generation smart energy systems	3,40,000	Directorate of Faculty Development Centre, JNTUA	FDP	22.10.2025
49	RP42	Dr.S.Sarada	Dr.C.Ganesh		EEE	Smart Deploymen of solar and wind Inverters Enabling Facts- Based Grid Support	20,41,000	Central Power Research Institute (CPRI), Banglore	Research Scheme on Power (RSoP)	28.08.2025

50	RP43	Dr. P V Sanjeeva Kumar			ME	Development and assessment of the characteristics of magnesium based metal matrix composites for engineering applications	18,02,000	ANRF Call for Proposals: J. C. Bose Grant 2026	Anusandhan National Research Foundation	03.01.2026
51	RP44	Dr. P. Chandra Reddy	Dr. M. Uma Maheswar	Dr. S. Harinath Reddy	H & S	Analysis of hybrid Nanofuid flow past incluned verticl plates using vedic mathematical frameworks.	6,60,000	Ministry of Education, Govt. of India	IKS division	30.01.2026
52	RP45	Dr. S. Venkateswarlu Reddy			EEE	Integrating Artificial Intelligence, Quantum Computing and Indian Knowledge systems in Engineering education under NEP 2020	20,00,200	Ministry of Education, Govt. of India	IKS division	30.01.2026
53	RP46	Dr. D J. Samatha Naidu	Dr. Valikala V	Dr. D Swarna Latha	CA Dept. of Pharm	Development of a Nano-enabled Guggulu basd polyherbal formulation for amavata (Rheumathod Arthritis) using snedds technology	22,69,520	Ministry of Education, Govt. of India	IKS division	29.01.2026
54	RP47	Dr. J.CHINNA BABU	Dr. SHAIK KARIMULLAH		ECE	Heritage-Tech Learning Lab: AR/QR with Embedded Systems Based Interactive Temple Education System for Students	24,50,000	Ministry of Education, Govt. of India	IKS division	29.01.2026
55	RP48	Dr. CH. NAGARAJU	Dr. M. VENKATA DASU		ECE	TempleSecure-Kadapa: AI & IoT Based Smart Crowd with Safety Monitoring System for Vontimitta and Nandalur Pilgrimage Events	24,90,000	Ministry of Education, Govt. of India	IKS division	29.01.2026
56	RP49	Dr. S. FAHIMUDDIN	Dr. C. VENKATESH		ECE	Smart Structural Health Monitoring for Kodandarama & Soumyanatha Temples using IoT and Edge-AI	24,50,000	Ministry of Education, Govt. of India	IKS division	29.01.2026
57	RP50	Dr. C. VENKATESH	Dr. S. FAHIMUDDIN		ECE	AI-Based Digital Twin Using LiDAR and Photogrammetry for Conservation of Vontimitta and Nandalur Temples under Heritage3D Kadapa	24,76,000	Ministry of Education, Govt. of India	IKS division	29.01.2026
58	RP51	Dr. SHAIK KARIMULLAH	Dr. J.CHINNA BABU		ECE	Telugu Chant / Stotra / Temple Narration Dataset with Speech Tech for Kadapa BhaktiVaani Heritage Preservation	23,80,000	Ministry of Education, Govt. of India	IKS division	29.01.2026
59	RP52	Dr. CH. NAGARAJU	Dr. M. VENKATA DASU		ECE	Smart Flood Control and Dam Safety Monitoring for Annamayya-Pincha Dam Cascade	7,90,600	Ministry of Education, Govt. of India	Disaster Management: Innovation & Action Research	29.01.2026
60	RP53	Dr. C. VENKATESH	Dr. S. FAHIMUDDIN		ECE	Heat Wave and Drought Risk Mapping Using Smart Sensing and AI for Kadapa District	7,94,200	Ministry of Education, Govt. of India	Disaster Management: Innovation & Action Research	29.01.2026
61	RP54	Dr. SHAIK KARIMULLAH	Dr. J.CHINNA BABU		ECE	AI Driven Forest Fire Early Warning and Response System for the Seshachalam-Kadapa Belt	7,97,000	Ministry of Education, Govt. of India	Disaster Management: Innovation & Action Research	29.01.2026
62	RP55	Dr. M. HANUMANTHU	Dr. G. THIRUMALAIAH		ECE	AI Enabled Last Mile Flood Early Warning System for Micro Watersheds in YSR Kadapa District, Andhra Pradesh: A District-Level Service model for Disaster Risk Reduction	8,00,000	Ministry of Education, Govt. of India	Disaster Management: Innovation & Action Research	29.01.2026
63	RP56	Dr. K. Sankar	Dr. S. Fahimmudin	Dr. M. Ravi Kishore	ECE	Quantitative image analysis of cellular and sub-cellular structures for understanding disease	41,32,000	Ministry of Science and Technology, Govt. of India	Dept. of Bio Technology	12.02.2025
64	RP57	Dr. M. Ravi Kishore	Dr. S. Fahimmudin		ECE	AI Assisted explanable framework for lung cancer risk stratification and Mutation impact prediction using hest CT image	37,55,000	Ministry of Science and Technology, Govt. of India	Dept. of Bio Technology	12.02.2025
65	RP58	Dr. T. Naresh Kumar	Dr. V. Vishnuvardhan		CE H & S	Structural and Material analysis of Heritage temples of Vontimitta and Nandalur for Conservation, Education and Outreach	10,00,000	Ministry of Education, Govt. of India	IKS division	12.02.2025
66	RP59	Dr. D J. Samatha Naidu	Dr. NR Gowthami	Dr. C. Uma Devi	MCA CE MBA	A sustaibale resilience-building framework for flood risk management and riverine hardards: A case study on Annamayya Dam Disaster, AP	7,90,000	Ministry of Home affairs, Govt. of India	Disaster Management: Innovation & Action Research	29.01.2026

67	RP60	Dr. S. Venkates warlu Reddy			EEE	Hybrid AI and Quantum Computing for Cybersecure EV-Integrated Smart Grids	1,25,000/-	ISTE	ISTE-BNY Knowledge Enhancement Programme for Faculty and Students	04.03.2026
68	RP61	Dr. M. Padma Lalitha			EEE	Quantum Resillient Cyber Physical Security for sustainable Smart Grids and Electric Mobility	1,25,000/-	ISTE	ISTE-BNY Knowledge Enhancement Programme for Faculty and Students	04.03.2026
69	RP62	Dr. Madhana Kumar Reddy C			MCA	A seminar on AI and IoT for smart agriculture and rural development	100000/-	ANRF/SSY	Seminar/Symposia (SSY)	18.03.2026
70	RP63	Dr. C. Rajababu	Dr. M. Venkata Dasu	Dr. Sk. Karimulla	H & S (Physics)	Development of self-power UV photodetectors using dielectric-engineered ZnO-based Quantum Nanocomposites	30,50,000/-	Naional Quantum Mision (NQM)		25.05.2026
71	RP64	Dr. Venkatesh Chapala	Dr. M. Venkata Dasu	Dr. Sk. Karimulla	ECE	AeroHealthNet: Design and devlopmnt of an AI-powered onboard prognostics Health Management system for BVLOS drones using DL, Low power VLSI edge computing and IoT-enabled Real-time telemetry	3,57,000/-	ANRF	ANRF MAHA Drones	02.06.2026
72	RP65	Dr. L. Hari Lrishna			H & S	Mathematicl Analysis of Magnetohydrodynamic Nanofluid flow and transport phenomena in different chaneel geometries		ANRF	ARG-MATRICS	04.06.2026
73	RP66	Dr. J. Chinna Babu	Dr. Sk. Karimulla	Dr. M. Venkata Dasu	ECE	Low power Intelligent VLSI-in-edge framework for Real-time multimodal Biomedicalsignal classification and secure IoT health monitoring (LIVE-MedNet)	85,00,000	ANRF	Advanced Research Grant (ARG)	10.06.2026
74	RP67	Dr. S. Fahimuddin	Dr. CH. NAGARAJU	Dr. Venkatesh Chapala	ECE	An AI baed Intelligent reconfigurable surface assisted 6G biomedifcal sensing and Edge-interface framework for Real-time Chronic disease monitoring (ARISE-6G-Net)	82,50,000	ANRF	Advanced Research Grant (ARG)	10.06.2026