



Adi Shankara

INSTITUTE OF ENGINEERING AND TECHNOLOGY, KALADY

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

Vidya Bharathi Nagar, Kalady, Ernakulam, Kerala

www.adishankara.ac.in

External Funded Projects (After NBA accreditation)

Total amount sanctioned Dtd. 26.06.2023 : Rs. 34, 24, 767/- (Thirty Four Lakhs Twenty Four thousand Seven Hundred and Sixty Seven INR)

Sl no.	Title of the project	Name of the Principal Investigator	Funding Agency & Funding Scheme	Year of Sanction	Durati on	Sancti oned Amou nt	Status of completion
1	Implementation of 2-way interactive digital notice board.	Dr. Ajay Kumar	APJ AKTU-CERD (Student Project Scheme)	2022-23	1 Year	18,250	ongoing
2	Med- Mate	Er. Aswathy N	APJ AKTU-CERD (Student Project Scheme)	2021-22	1 Year	Rs.12,000	ongoing
3	Development Of A Remote Cardiac Health Monitoring System For Covid'19 Patients Using Deep Learning	Dr. Bipin P R	KSCSTE	2021-22	6 months	Rs.10,000	Submitted Report
4	Developing a smart intelligent real time system for growth assessment and waste water treatment for a fish farm.	Er. Divya V Chandran	KSCSTE	2021-22	6 months	Rs.9,955	Submitted Report
5	IoT Based smart environmental and controlling system	Dr. Ajay Kumar	APJ AKTU-CERD (Research Seed Money Scheme)	2021-22	3 years	Rs.50,000	ongoing
6	Development of a contactless fog computing based system for covid'19 detection and continuous cardiac	Dr. Bipin P R	APJ AKTU-CERD (Research Seed Money Scheme)	2021-22	3 years	Rs.55,000	ongoing

	health monitoring using deep learning						
7	Smart Medicine Box	Dr. Ajay Kumar	KSCSTE	2021-22	6 months	Rs.10,000	Submitted Report
8	Design and Development of IoT assisted Wearable Device for Elderly care.	Dr.Ragesh G K	KSCSTE	2021-22	6 months	Rs.10,000	ongoing
9	Flame off	Er. Anuroop K B	KSCSTE	2021-22	6 months	Rs.10,000	ongoing
10	Development Of A Remote Cardiac Health Monitoring System For Covid'19 Patients Using Deep Learning	Dr. Bipin P R	APJ AKTU-CERD (Student Project Scheme)	2021-2022	1 year	Rs.16,500	ongoing
11	Asigurur Vida	Er. Anuroop K B	KSUM	2020-2021	2 year	Rs. 1,00000	Ongoing
12	Doily	Er. Divya V Chandran, Er. Arya Paul	APJ AKTU-CERD (Student Project Scheme)	2019-2020	1 Year	Rs. 26,000	Completed
13	Modernization of Communication Laboratory	Head, Dept. of ECE	AICTE (MODROBS scheme)	2018-2019	2 Years	Rs. 18,17,000	Ongoing
14	Isolation enhancement in multi antenna systems used for5G systems using metamaterials	Er. Sreerag M	APJ AKTU-CERD (Research Seed Money Scheme)	2019-2020	3 Years	Rs. 1,92,000	Ongoing
15	Implementation of a deep learning based waste segregation system using Computer vision and Robotics	Er. Anuroop K B	APJ AKTU-CERD (Research Seed Money Scheme)	2019-2020	3 Years	1,84,500	Ongoing
16	Development of a smart portable IoT device for better diagnosis and control of asthma and COPD	Er. Arya Paul	APJ AKTU-CERD (Research Seed Money Scheme)	2019-2020	3 Years	Rs. 1,68,662	Ongoing
17	Baltem Gyrate	Er. Anuroop K B	Kerala Start-up Mission (Student Project)	2018-2019	3 Years	Rs. 5,000,00	Ongoing

18	IoT based smart inhaler	Er. Arya Paul Er.Divya V Chandran	Institution of Engineers (India) (Student Project)	2019-2020	1 Year	Rs. 30,000	Completed
19	IoT based plant monitoring systems	Er. Ajay kumar	Institution of Engineers (India) (Student Project)	2019-2020	1 Year	Rs. 15,000	Completed
20	Real time waste segregation	Er. Arya Paul	Institution of Engineers (India) (Student Project)	2018-2019	1 Year	Rs. 10,000	Completed
21	Implementation of an Autonomous WirelessBody Area Network for IoT enabled healthcare applications using wearable sensor node with solar energy harvesting	Dr. Ragesh G K	APJ AKTU-CERD (Research Seed Money Scheme)	2018-2019	3 Years	Rs.1,145,00	Ongoing
22	Multiple Eye Diseases Detection using Deep Convolutional Neural Network	Er. Neema M	APJ AKTU-CERD (Student Project Scheme)	2018-2019	1 Year	Rs. 23,900	Completed
23	HAUY-A Braille Assist	Er. Albins Paul, Er. Ajay Kumar	APJ AKTU-CERD (Student Project Scheme)	2018-2019	1 Year	Rs. 26,500	Completed
24	Infinity Printer	Dr. N. Hariharan, Er. Anuroop K B	Institution of Engineers (India) (Student Project)	2018-2019	1 Year	Rs. 15,000	Completed