Research Projects carried out in the Department

S.No.	Faculty Name	Title of the Project	Duration	Type of the Project	Name of the Funding Agency	Amount Sanctioned	Name of JRF /SRF/Project staff appointed in this project
1.	Dr.G.Padmavathi	Cyber Intelligence Lab under DST-CURIE-Phase-II	2021-2023	Research Project	DST-CURIE	Rs.36,80,000/-	-NA-
2.	Dr.G.Padmavathi	Development of non-technology PG MOOC on Cyber Security for SWAYAM Platform Cyber Intelligence Lab under DST-CURIE-Phase-II	2018-2019	Development of MOOCs for non-technology PG courses under SWAYAM	UGC	Rs.13,50,000/-	-NA-
3.	Dr.G.Padmavathi	A Study on Personal Authentication based on Keystroke Text and Sound	2016-2017	Minor Research Project-Inhouse	UGC	Rs.20,000/-	-NA-
4.	Dr.V.Radha	Eyepad – A Dynamic Braille e-book Reader with OCR	Dec-2017 to Dec -2020	Research Project	DST-Women Scientist Scheme – A	Rs.22,80,000/-	D.Kavitha Research Scholar
5.	Dr P.Subashini	Core Research Grant for Artificial Intelligence	March -2021 to March 2023	Govt (ONGOING)	DST-CURIE-AI Phase II	Rs.2,42,00,000/-	Dr.T.T.Dhivyaprabha, Research Associates Dr. K.Nandhini, Research Associates Mrs. B.

							Preethi, Programming Assistant Ms. Roshini, Technical Assistant Ms. Narmadha, Technical Assistant
6.	Dr P.Subashini	Centre for Machine Learning and Intelligence, an establishment of DST-CURIE-AI Facility	April 2019 – March 2020, 1 year	Govt	Department of Science and Technology, Govt. of India	Rs.70,00,000/-	Ms.Menaka
7.	Dr P.Subashini	International program for Solar powered houses SOLAR DECATHLON AFRICA 2019 – International Collegiate Competition for Green Buildings	April 2018 – Oct 2019	International Collaborations	University of Hassan II,Casablanca, Morocco	USD 50,000/-	Dr.M.Krishnaveni Dr.T.T.Dhivya Prabha
8.	Dr P.Subashini Dr.M.Krishnaveni	An algorithm for the demarcation of ocean wakes from SAR imagery of rough sea condition	August 2017 – August 2018, 1 year	Govt	Contract for Acquisition of Research Services (CARS), Naval Physical and Oceanographic Lab (NPOL), DRDO, Cochin	Rs.9,73,500/-	Dr.T.T.Dhviya Prabha
9.	Dr.N.Valliammal	Detection and Prevention of Cyber-Harassment	6 months	AI Project	Centre for Machine Learning and Intelligence	Rs.19,000/-	V.Narmadha

		against Women in Social Media using Supervised Learning Algorithm.			DST-CURIE Phase-I AI Facility		
10.	Dr.M.Krishnaveni	Detection of malarial parasites from human blood smear images using Image processing and Machine learning	6 months	AI Project	Centre for Machine Learning and Intelligence DST-CURIE Phase-I AI Facility	Rs.15,000/-	S.Pavithra
11.	Dr.P.Subashini	AI-A gadget to recognize fungi in spoiled bread	6 months	AI Project	Centre for Machine Learning and Intelligence DST-CURIE Phase-I AI Facility	Rs.64,000/-	Ramya.L
12.	Dr.P.Subashini	Detection of Emotions from Physiological Signals using AI	6 months	AI Project	Centre for Machine Learning and Intelligence DST-CURIE Phase-I AI Facility	Rs.50,000/-	S.Tamilarasi
13.	Dr. B. Sarojini	Personal Healthcare Management using Chatbot	6 months	AI Project	Centre for Machine Learning and Intelligence DST-CURIE Phase-I AI Facility	Rs.30,000/-	J.Bharathi
14.	Dr. B.Kalpana	Smart Home Automation System using AI	6 months	AI Project	Centre for Machine Learning and Intelligence DST-CURIE	Rs.25,000/-	A.Roshni

					Phase-I AI Facility		
15.	Dr.N.Valliammal and Dr.G.Sudhamathy	Detection of Stored Grain Pests and its Classification Using Machine Learning and Deep Learning Techniques	1 Year	AI Project (On-going)	Centre for Machine Learning and Intelligence DST-CURIE Phase-II AI Facility	Rs.79,000/-	M.S.santhanambika
16.	Dr.M.Krishnaveni	AAI -Start Programme Core Research Grant for Artificial Intelligence (AI) DST-CURIE-AI Phase-II(G)	2 Years (2021-2023)	Govt (On-Going)	Department of Science and Technology, Govt. of India	Rs.27,80,000/-	Ms.Narmadha
17.	Dr.M.Krishnaveni	Technology development for the support and improvement of speech – language impaired people	4 Years (2017-2021)	Govt	DST - SERB	Rs.28,28,000/-	Dr.T.T.Dhivyaprabha, Ms. B.Preethi, Ms.V.Narmadha Ms.S.Kokila, Mrs. R. Archana, Mrs.J.Gracy, Ms.R.Prabavathi,
18.	Dr.M.Krishnaveni	AI Based potential Gene Identification Tool using Integrated approach for cervical cancer datasets	1 year	AI Project (On-going)	DST-CURIE	Rs.39,000/-	B.Sudha Research Schloar Department of Bio Chemistry and Biotechnology

19.	Dr.M.Thilagu	Image Analysis of Groundnut Pests using Artificial Neural Networks	1 year	AI Project (On-going)	DST-CURIE	Rs.64,000/-	Ms.M.Sindhu Ph.D Research Scholar Department of Zoology
20.	Dr.M.Madhivadhani	Automatic method for classification of grasshopper using convolutional neural network	1 year	AI Project (On-going)	DST-CURIE	Rs.39,000/-	Ms.M.Suganya Ph.D Research Scholar Department of Zoology
21.	Dr.G.Padmavathi	Detection and mitigation of Malicious Insider Threats in Cloud Environment using Machine Learning Methods	1 year	AI Project (On-going)	DST-CURIE	NA	S.Asha PhD Research Scholar Department of IT