

Department of CSE

Funded Projects List 2021-2022

External - Faculty

S. No.	PI/ Co-PI	Title of the Project	Sponsored Agency	Duration & Year	Sanctioned Amount (in Lakhs)
1	Dr. J. Suresh & Dr.D.Venkatavara Prasad	Designing a lightweight Consensus Mechanism in Blockchain for IoT based Asset Management	AICTE – RPS Scheme	3 years & 18.02.2022	9.59

Internal - Faculty

S. No.	PI/ Co-PI	Title of the Project	Sponsored Agency	Duration & Year	Sanctioned Amount (in Lakhs)
1	Dr. T. T. Mirnalinee Dr. J. Bhuvana Dr. B. Bharathi	Edge computing based real time smart surveillance system	SSN Trust	3 years & 16.12.2021	3.00

Internal – Faculty & Students

S. No.	Name and Year of the Student(s)	Project Guide(s)	Title of the Project	Duration	Sanctioned Amount (in Rupees)
1	V. Indirakanth S. Kishaanth Koushik Viswanath Sabarivasan Velayutham II Year	Dr. R. Kanchana	Auto timer for traffic signals	1 Year	12000
2	Aditi Ramprasad T.E. Anirudh Digant Mehul Gandhi III Year	Dr. S. Kavitha Dr. G. Raghuraman	Online class learner's behaviour analysis through compound facial expressions & EEG data using deep neural network techniques	1 Year	24000
3	K.L. Mrithula Varsha Yeshwanth Vignesh Balaji II Year	Dr. K. Madheswari Dr. K. Lekshmi	Project REDPen	1 Year	22000
4	K. Divyasri II Year Karun Anantharaman III Year B. Hariprasad III Year	Dr. R. Kanchana Dr. S. Saraswathi	Smart lock	11 Months	24000
5	Sarika Esackimuthu R. Shri Keshavinee H. Shruthi II Year	Dr. S.V. Jansi Rani	Automatic weed detection and removal system	14 Months	24000

6	S. K. Jayaraja K. Pravinkrishanan Samyuktha Ganeshkumar III Year CSE D. Jebaroshan III Year ECE	Dr. B. Prabavathy	Smart IoT based robot for farm management	1 Year	18000
7	A. Anirudh Karthik Raja Anandan III Year	Dr. S. Sakthivel Murugan ECE	Arming and automation of remotely operable vehicles (RoV)	18 Months	29000
8	E. Nivetha II Year ECE Jeevesh Krishna Arigala A. R. Fathima Naushin S. Vikash Anand II Year CSE	Dr. R. Kanchana	Smart armband with fall detection in elderly	1 Year	17000
9	D. Karthik III Year D. Nivedhitha IV Year	Dr. S. Sakthivel Murugan ECE	Development of autonomous navigation suite for an underwater vehicle (UWV)	1 Year	30000
10	V. Nandakishor M.V. Selvendran U. Sanjay Rojar M. Ponvijay II Year	Ms. S. Angel Deborath Ms. S. Rajalakshmi	Voice to text converter for hearing impaired using raspberry pi	10 Months	24000
11	R. Daphnie Rithika S. Ramya Priya S. Varsha Thushita Mariaselvan III Year	Dr. D. Thenmozhi	S.A.S. Ring (Safe and Sound)	11 Months	11000
12	V. P. Abishek Dejah II Year CSE Shalom Fillbert II Year IT	Dr. K. Lekshmi Dr. K. Madheswari	Smart wheelchair	1 Year	23000
13	P. K. Chirag Bheemaiah N. Aarthi Meena Muthukumar III Year CSE	Ms. S. Rajalakshmi Ms. Angel Deborah	Disease detection in plants using deep learning techniques	8 Months	17000
14	A. Ranjanai A. Sanjana M. Pooja III Year CSE S. Archana III Year BME	Ms. Angel Deborah Dr. R. S. Milton Ms. S. Rajalakshmi Ms. M. Saritha	Speech emotion detection using Raspberry Pi	1 Year	18000

First Year – UG – CSE Students & Faculty

S. No.	Name and Year of the Student(s)	Project Guide(s)	Title of the Project	Duration	Sanctioned Amount (in Rupees)
1	A. Bhavana A. Sadhana Apurva Narayan	Dr. J. Suresh CSE	DigiWe - Automated interactive guidance in mobile phone usage	1 Year	18600
2	Harini Mohan CSE B. Vasundhara J. Kaaviya Sri IT	Dr. B. Bharathi Dr. P. Mirunalini	Binconnect: Smart waste management system using IoT	15 Months	7000
3	Rakshith Subramanian CSE Akashraj Giriraj Deepesh Sudhan IT	Dr. J. Suresh CSE	Artificial intelligence supported human body temperature detector	1 Year	22000
4	Pooja Premnath CSE Aman Singh ECE	Dr. R. Sundareswaran Dr. M. Shanmugapriya Mathematics	Identification of acquisition nodes in electrical grid networks using centrality measures in graphs	1 Year	15000
5	S. Rashav Mechanical Aathish Sivasubramanian Vaishnavi Thummalacheruvu CSE	Dr. K. S. Gaythri Dr. C. Aravindan IT	Carnatic music production software with transcription and instrument synthesis capabilities	1 Year	14000
6	C.B. Ananya Jahnvi Murali CSE NailaNuhman IT	Dr. K. S. Gaythri IT	Sensor based detection of agitation/aggression in dementia patients using machine learning	1 Year	5000
7	Sairam R. Sureshbabu Mechanical SanjhayVenkatachari Tejas Venkataramanan CSE	Dr. K. R. Sarath Chandran Dr. N. Sujaudeen Ms. S. Lakshmi Priya	QR code based smart trolley system for shopping malls	1 Year	9000
8	P. Charumathi M. Parthiban Sam Matthew Hendry CSE	Dr. K. S. Gaythri IT	Human posture detection using IoT and machine learning	1 Year	12500