

Students Internal Funded Projects

2024-2025

2024-2025 Category-Students (II / III / IV-year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Shiri Sakthi P N Smriti Sethu Narayanan Guruprakash K II Year	Dr. S. Karthika	RecycLit: Innovating Campus Waste Segregation with Intelligent Sorting for Sustainable Impact	28,300/-
2	Sanjana S Supreeta S Swetha Shri U Vijaya Lakshmi M II Year	Dr. S. Karthika	Personalized Wellness food inspector using sensors	25,000/-
3	Anish L.S Danush S Hari Sabapaty S Kameshwar A III Year	Dr. S. Karthika	SafeSpace: An Adaptive AR/VR Simulation for Enhancing Daily Living Skills in Children with Autism	37,000/-
4	Sushmidha S Saruleka P Swetha V Shaam A S II year	Dr. I. Joe Louis Paul	AquaSmart: Automated Residential Water Management and Motor Control System with Continuous Quality Assessment	19,400/-
5	Sridhar R Swetha V IV year Saranya S, II year	Dr. I. Joe Louis Paul	SafeSteps: IoT-Enhanced Safety and Tracking	18,665/-

6	Jayaraman K Santhosh D Pradhanya K III Year	Dr. I. Joe Louis Paul	Co2 Emission Detection for Traffic Vehicles using Deep Learning	18,400/-
7	Nadish G Manojkumar S IV Year IT Nitish R III Year IT	Dr. I. Joe Louis Paul	Dynamic Pricing and Discount Management	9,500/-
8	Jovitha Sahayaraj Arunasree RJ IV Year Reka S Rakshitha S III Year	Dr. I. Joe Louis Paul	Intelligent Irrigation Management System with	12,970/-
9	Meghana Kumar Mughilan Paul Nanditha S Nilaa A J II Year	Dr. I. Joe Louis Paul	Pet Health Monitoring System	18,500/-
10	Bevina R Deepitha P III year	Dr. G. Sornavalli	AI-Powered Virtual Shopping Assistant in VR	5,000/-
12	Lokesh S Nandhana Prakash Shreya K II Year	Dr. Sree Hari V Dr. A. Shahina	Advanced Thermal Vision with Vision Technology Integration for Real- Warfield application	40,000/-
13	Shashank Sathish Sarveash Koushik RV Sidharth K Srikrishnan P II Year	Dr. V. Sree Hari	Real Time Voice To Sign Language Conversion AI for OTT platforms	40,000/-
14	Baaskaran V Divya S Ganesh Hayagrivan M Subasri G S III year	Dr. N. Sripriya	Explainable AI-Driven Market Trend and Consumer Insights Analyzer	27,270/-

15	Saathviga B Rakshitha S Chennakesavan S Priyan RR II year	Dr. K. S. Gayathri	ConnectHub: A Web Application for Senior- Junior Interaction using Machine Learning	8,000/-
16	Santhosh L Shyam Saran P Thaheera N Shyaam Sundar M II Year	Dr. M. Mohamed Iqbal	Artificial Intelligence based complete Examination portal for Education System	30,000/-
17	Raghav M Sowkandha Raghav G Vijay Natarajan R II year	Dr. N. Kalaichelvi Dr. M. Mohamed Iqbal	Automatic Animal Behavior Analysis	30,000/-
18	Sudharshan K Kathir S Monishkumar Balaji II year	Dr. N. Kalaichelvi	Disease Detection in Animals Using Image	20,000/-
19	Athisaya Raj Shivani Garimella Shriya Alladi Rajja H, II Year	Dr. R. Swathika	Breathsafe: Instant Air Quality Alerts	12,300/-
20	Yogeshram R Nithish Kumar S Kezia Stephano Hemaprabha, III Year	Dr. R. Swathika	IoT Based Smart Irrigation	36,500/-
21	Bagavati Narayanan Krishitha V Kamalika Murugesan II Year	Dr. R. Swathika	CuddleCare: Smart Safety Monitoring for Infants	9,850/-
22	Govisha R J Kaviya R Kevin Joshua Solomon II Year	Dr. R. Swathika	Development of a Flexible Microfluidic Platform for Continuous Sweat Biomarker Monitoring	15,000/-

23	Sana Fathima F Bellana Sowkya Tanusha Srinivasan Shyamsundar Dhanasekaran II Year	Dr. R. Swathika	SmarterChef (Track the fresh, cook your best –AI does the rest)	15,500/-
24	S. Aditi Vyshnavi S. Hesha Varshni	Dr. E. Suganya	Mobile Application for Direct Farmer to Consumer Sales	6,000/-
25	Darshana S Harini H Hrithika S II Year	Dr. E. Suganya	IoT Based Early Detection System for Ear Health Monitoring	8,000/-

2024-2025 Category-Students (I-year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Adithiya Sivakumar – CSE Ashvath Parameswaran – IT Aadithya R – ECE	Dr. A. Shahina	Artificial intelligence based two way communication system using sign language and speech	25,000/-
2	Abhijith Sriram V – IT	Dr. S. Karthika	Smart Cafeteria management system for SSN campus A digital solution to reduce over crowding	28,000/-
3	S Parkavi – IT K Gayathri – IT B. Gunaly – IT S. Vidhya – EEE	Dr. Julie Charles	Fabrication of conducting polyaniline based electrode material for supercapacitors	28,000/-
4	Ishana B – CSE Abirami R – IT Sandhya B – IT	Dr. C. Kalaivani	Application of neutrosophic rhotrices for improved diagnostic accuracy in medical image processing using python	8,000/-

5	Prabakaran R – CSE Oviya T S – IT	Dr. Kirthikha Sanju	Classification and finding the age old Tamil letters in inscription and manuscript using deep learning methods	30,000/-
6	Sanjana Shankar – IT Vijai T – IT	Dr. Kirthikha Sanju	Enhancement and reconstruction of ancient mural paintings using deep learning	30,000/-
7	Methun A K – CSE Nithilan S – IT Sarvesh Sundar – IT Shashank V – IT	Dr. M. Mohammed Iqbal	Handheld device for sign language detection for speech and hearing-impaired people	28,000/-
8	Samyuktha Sriram – CSE Shrinidhichellam C – CSE	Dr. J. Sofia	Enhanced risk assessment in investment portfolios using neutrosophic rhotrices with python	8,000/-
9	Shruthi K – CSE Shyam T.J – IT Chandrini C.K – CSE	Dr. N. Sripriya	E-Pass System	24,000/-
10	C. Preethi – CSE Pooja Shree S – IT Shruthi Sankar – BME	Dr. Kirthikha Sanju	Gen AI based content creation and named entity recognition for agricultural data	28,000/-
11	Harini Narasimhan – IT Harshika Sipani – CSE Muskaan Panda – IT	Dr. N. Kalaichelvi	Smart Cart: An IoT based intelligence shopping cart tracking system	22,000/-
12	Ilamathi V – IT M. Kamalika – IT	Dr. S. Uma Maheswari	BPH Alert system using machine learning	13,000/-
13	S P Selvi Priyadharshini – EEE Dharshini K – CSE Dhinakaran – IT	Dr. P. Vasuki	Design and construction of cleaning	22,000/-

2023-2024

2023-2024 Category-Students (II / III / IV-year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Adharsh Gurudev V Eraianbu P Harini V Harish R M Kanitha S A III year	Dr. Aravindan Chandrabose	Smart Tamil Text Input Method For Android Systems	25, 000/-
2	Naila Nuhmam Priyamvadha Pradeep Sanjeevini R Vasundhara B III year	Dr. A. Shahina	Analysing Tremors and Gait Patterns For Early Detection of Motor Disorder Symptoms in Neurodegenerative Disease	24, 000/-
3	Padmapriya C Madhukrishaa N K II year	Dr. K. S. Gayathri	Autonomous Delivery Robot	30, 000/-
4	Amitoj Singh Harsh Bansal Neha Sharma Mohammad Rayyan III year	Dr. K. S Gayathri	AI-based Career Counselling	10, 000/-
5	Annu G Apoorva A Farha Afreen III year	Dr. N. Radha	Hate Speech Detection Using Machine Learning	9, 000/-

6	Prithik N Purushothaman Vemula Muni Karthik Vijaymurugan N	Dr. Durgadevi V	AgriChain	18,000/-
7	Dunya Syed Hassan Ritujaa B Tanushree Panneer Selvam Mohit Sandeep II year	Dr. K. S. Gayathri	Drowsiness Detection and Alarm System Using Image Processing and Deep Learning	15,000/-
8	Varsha Vijay Sindhuja Illangovan Shreyaa S Preethi Prative II Year	Dr. I. Joe Louis Paul	LIDAR-Based Road Surface Anomaly Detection: Speed Bumps and Potholes	21,000/-
9	Ashwin Kumar S Sundaresh Karthic Ganesan II year	Dr. E. Suganya	Smart Mental Health Identifier	3,000/-
10	Atchaya R Priyadharshini R Keerthana II year N	Dr. E. Suganya	Train Your Brain For Autism Children	5,000/-
11	Singaram P L Thejesswini B Piriyadharshini A II year	Dr. K. S. Gayathri	GameElevate: Evaluating Badminton Player's Performance Using Deep Reinforcement Learning	13,000/-
12	Balasubramaniam H Nandana M Thomas Jones Kevin J F Athish Pranav H H II year	Dr. K. S. Gayathri	AI-Enhanced Road Safety App for Wet Conditions	12,000/-

13	Neha Shanmitha Soundharya Y Tamil Mughilan II year	Dr. P. Vasuki	Design and Construction of a Smart Shoe for the Visually Impaired	18, 000/-
14	Subhalakshmi Chellakumar Srinivasan R Jaya Yayadhi IV year Induja M C III year	Dr. R. Swathika	Smart Bin Using Deep Learning and IoT	12, 000/-
15	Parthiban D Sriram J IV year Srujana Srinivasan Thanuja A III year	Dr. R. Swathika	Distress Detection and Pavement crack classification using Deep Learning for Road Safety	16, 000/-
16	Abdullah Yassir A Ashuwin P Bharath Lewin Jesudhas H II year	Dr. E. Suganya	Gamified Approach to Develop Values and Life Skills in Children	5, 000/-
17	Hari Hara Sudhan R Kishore P Srinivas S Yuthika Anvitha S II year	Dr. R. Swathika	Scholar Commute Aid	14, 000/-
18	Swetha K V Sudhiksha N B II year	Dr. S. Mohanavalli	Student Information Management System	10, 000/-
19	Shanjay Athithya G Vignesh M Saravanan B Saravanan K II year	Dr. R. Swathika	Identification of Unknown Person Entering into Hostel Using Facial Recognition	19, 000/-

20	Karunanudhi Ayyamperumal Kathir Kaman A Kaushik Ananth Kumar S II year	Dr. N. Sripriya	Safety Enhancement Using Helmet & Number Plate Detection	18,000/-
21	Aravind J Dhanush A Henry J M II Year	Dr. E. Suganya	Gatepass Management System	17,000/-

2023-2024 Category-Students (I-year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Siddarth Manthala Srikumar V Sudarshan O Vishal S	Dr. A. Shahina	Brain Waves for Communication	70,000/-
2	Chiranjeev Prasannaa V V Dharanikaran S Sowmya C	Dr. A. Shahina	An AI based Stress Detection System using Brain Signals and Yoga recommender system	79,000/-
3	Francis Rohith Karanam Hema Sudha Poornima Maghizhvanban E S Sandhya Sridar	Dr. Saravanan Dr. A. Shahina	Converting Hand Signs into Speech using EEG – Using EEG to aid Communication for Deaf and Mute people	70,000/-

4	Aishwarya G Akshayalakshmi S Asmita Padmanabhan Irfan Akthar A Sanjana Y	Dr. Josephine Julina	Neural Re-Rendering of the Human Body From a Single Image and Simulation of Garments on the To-Scale Virtual Structure	15,000/-
5	Pranav Krishna P Venkatachalam S	Dr. V. Durgadevi	Data Encryption with Hashing to secure Mobile User Information for Cloud-based Backup Solution	17,000/-
6	Shreya S Anish Murali Venkatesh LN	Dr. N. Radha Dr. R. Swathika	Cough Detection using an alternate speech sensor	12,000/-
7	Mokitha S Padhmanethrri S Abinaya	Dr. A. Saravanan	Driver Alert System – Detecting and Recognizing Indian Traffic Signs	5,000/-
8	Anirudh Navadeep Nishanth Kathirvelan	Dr. A. Saravanan	Smart Bus Seat Management and Location Tracking System	35,000
9	Vishal Bysani Vaibhav SP	Dr. V. Arulkumar	One-Aided solution for Physically challenged people using IOT Sensors	12,250/-
10	Udhaya Bharathi N Dhanya	Dr. S. Sasirekha Dr. I. Joe Louis Paul	A Generic ERP Solution for Asset Management	19,800/-
11	Mohit R Preetha Rakshana S Sudharsan S	Dr. V. Arul Kumar	IoMT – Smart Health Monitoring System	17,000/-

12	Prem Shankar S Ashok Adithya L Dhanu Prasath S Gouthaman V	Dr. C. Vijaya Bhaskar Dr. D. Praveen Sam	Developing a Comprehensive Portfolio App for providing SOP, LoR and Resume Writing Services	20,000/-
13	Irfana M Monish S. M	Dr. A. Murugesan	Metal-doped Fungi as a catalyst for Deploymerisation of Waste Plastics via Aminolysis and Glycolysis using TCD method	30,000/-
14	Vishnu Dev KS Arvin Joel V Job Zion V Sanjay P Harshikaasundari S	Dr. S. I. Davis Presley	AIRQUBE IoT-Powered Air Quality Surveillance	18,000/-

2022-2023

2022-2023 Category-Students (II / III / IV-year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	P. Prithvi Kiran III Year IT Nagavel Rajasekaran R. Hemnat Kumar III Year ECE	Dr. T. Sree Sharmila Dr. R. Srinivasan	Discriminative learning for material recognition	25,000/-
2	R. Sujay R. Sridhar V. Vijay S. Nandhana II Year	Dr. T. Sree Sharmila	Pulse based diagnostic system for siddha and varma treatment	25,000/-

3	P. Nikilesh Balaji S. Santhosh Kumar T.Y. Sarvesh Babu II Year	Dr. Ashwinth Janarthanan	Swoosh – Sports swing analyser	25,000/-
4	R. Narmatha M. Padhma Priya Paechiammal Gandhi S. Thiruvadhitha II Year	Dr. T. Sree Sharmila	Identification of medicinal plants using image analysis and deep neural networks	14,000/-
5	S. Selcia II Year IT N. Arvind Kumaar II Year Mechanical A. Iniyavai Kooral II Year ECE	Dr. K. S. Gayathri	Anomaly detection in an intelligent environment using big data analytics	8,000/-
6	G. Pranav K. Varsha Hirthik Prassad IV Year IT Ashuthosh III Year IT	Dr. S. Sasirekha Dr. I. Joe Louis Paul IT Dr. R. Rengaraj EEE	Development of parametric analyser for health monitoring of distribution transformer	25,000/-
7	P. Deepthi U. Bhavwana Y. Neeti Priya K. Harshini III Year IT	Dr. S. Sasirekha Dr. I. Joe Louis Paul IT Mr. R. Balathirupathi Facilities and Maintenance	Vehicle number plate recognition and maintenance system	19,000/-
8	Anush Rajagopalan R. Keerthana M.R. Sahithi Vineet Kumar Gupta III Year IT	Dr. K.S. Gayathri	DietChef.AI	8,000/-

9	B. Gokulakrishnan T. P. Karthik Raja A. Madeshwaran III Year IT	Dr. V. Arulkumar	Intra community book exchanging system	6, 500/-
10	Pavithra Manikandan Meghana Srikanth III Year IT	Dr. S. Chithra	Automated protective and preventive measures of leaf diseases	19, 000/-
11	Vaishnavi Anand S. Subhiksha D. Debika Piriya III Year	Dr. N. Sripriya Dr. S. Mohanavalli	Real-time image captioning for CCTV grabs to improve home security	19, 000/-
12	Jovitha Sahayaraj K. Kaviyapriya II Year	Dr. P. Vasuki	Voice assist for speech impaired people using ML and IoT	23, 000/-
13	Vineeth Roshan Premanand, ECE	Dr. J. Sofia Jennifer	Pothole detection using deep learning	11, 000/-
14	Chandravel Saravanan Deepak Chandar CSE Sneha Kumarajothi IT Rupadarshini ECE	Dr. K.S. Gayathri	Waterline robot using reinforcement path planning algorithm	30, 000/-
15	S. Shwetha Samyuktaa Sivakumar Pranav Moorthi CSE T. Sadakopa Ramakrishnan IT	Dr. K.S. Gayathri	E-Nose for the detection of spoilage in food	13, 000/-
16	Aditya Jyosyula CSE R. Goutham EEE	Dr. G. Soranavalli	Sign language to text conversation	6, 000/-

17	A. Ankitha Reddy Ann Maria Thomas S. Janeshvar CSE Aswath Karthik IT	Dr. R. Amutha ECE	Character recognition using wearable device	16, 000/-
18	Pranesh Kumar	Dr. J. Sofia Jennifer	Image segmentation using interval valued bipolar technology	4, 500/-
19	R. Nithyasri	Dr. S. Chithra	Hygiene alert system for public restrooms	16, 000/-
20	H. Harishini BME Komal Yuvaraj EEE V.J. Kavyasri IT	Dr. K.S. Gayathri	Pesticide recommender system for farmers	15, 000/-
21	C.V. Malavika IT	Dr. C. Kalaivani Mathematics	Neutrosophic cubic sets and their applications in pattern recognition	6, 000/-

2022-2023 Category-Students (I-year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Vineeth Roshan Premanand	Dr. J. Sofia Jennifer	Pothole detection using deep learning	11, 000/-

2	Chandravel Saravanan Deepak Chandar CSE Sneha Kumarajothi IT Rupadarshini ECE	Dr. K.S. Gayathri	Waterline robot using reinforcement path planning algorithm	30,000/-
3	S. Shwetha Samyuktaa Sivakumar Pranav Moorthi CSE T. Sadakopa Ramakrishnan IT	Dr. K.S. Gayathri	E-Nose for the detection of spoilage in food	13,000/-
4	Aditya Jyosyula CSE R. Goutham EEE	Dr. G. Soranavalli	Sign language to text conversation	6,000/-
5	Ankitha Reddy Ann Maria Thomas S. Janeshvar CSE Aswath Karthik IT	Dr. R. Amutha ECE	Character recognition using wearable device	16,000/-

6	Pranesh Kumar	Dr. J. Sofia Jennifer	Image segmentation using interval valued bipolar technology	4, 500/-
7	R. Nithyasri	Dr. S. Chithra	Hygiene alert system for public restrooms	16, 000/-
8	H. Harishini BME Komal Yuvaraj EEE V.J. Kavyasri IT	Dr. K.S. Gayathri	Pesticide recommender system for farmers	15, 000/-
9	C.V. Malavika IT	Dr. C. Kalaivani Mathematics	Neutrosophic cubic sets and their applications in pattern recognition	6, 000/-

2021-2022

2021 – 2022 Category-Students (II/III/IV Year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	S. Abirami S. Elakkiya T. S. Pooja S. Reethika III Year	Dr. T. Sree Sharmila Dr. J. Sofia Jennifer	Human Emotion Recognition	22, 000/-
2	P. S. Shreya H. S. J. Sahana III Year	Dr. R. Srinivasan	Cymatics analysis of basic sounds of Tamil and Sanskrit	24, 000/-
3	Vijay Sankar Narayanan III Year	Dr. R. Srinivasan	Virtualized tongue drum	24, 000/-
4	B. S. Anirudh Bhavesh Narayanan Dasari Bhumika S. Dinesh III Year IT S. Booshan III Year Mechanical	Dr. A. Shahina	Brain speech recognition	24, 000/-

5	N. Shruthi Thota Geethika Sree K. Vasuundhara B. Sanjoosree III Year	Dr. T. Sree Sharmila	Image understanding and caption generation for visually impaired	15,000/-
6	M. Iswarya R. Keerthana M. Santhosh III Year IT R. Vishali III Year ECE	Dr. V. Thanikachalam	Classification of groundnut seeds	14,000/-
7	B. Jamuna S. Preetha S. Mohamed Riyaz P. Shalini III Year	Dr. P. Vasuki	Digital monitor for hostel on unauthorized entry	14,000/-
8	R. Sneha G. D. Lingesh C. Subhalakshmi H. Varsha J. G. Premkanna II Year	Dr. K. Kabilan	Impact of various musical instruments on brain using machine learning	24,000/-
9.	Gunanicaa Arun Mayuri Balajee II Year	Dr. I. Joe Louis Paul Dr. S. Sasirekha	An IoT based baby monitoring and smart cradle system	19,000/-

10.	G. Manisha IV Year A. Supriya Abirami D. Debika Priya II Year	Dr. T. Shanmugapriya	Face mask detection with audio alert	10,000/-
11	Koushika Padmanaban IV Year Vandhana Vishnuraj II Year Pavan Kumar Malasani Sannapanneni Kundan Sai Chowdary Harshithaa Murali III Year	Dr. R. Swathika	Parkinson's disease diagnosis through image processing	7,000/-
12	R. Nusaiba Afsheen P. Likhith Venkat S. Supriya II Year IT	Dr. S. Mohanavalli	Mental wellness prediction of online learners	17,000/-
13	G. Harisaran II Year IT G. Shiva II Year CSE	Dr. R. Sundareswaran Dr. M. Shanmugapriya Mathematics	Connected domination integrity in graphs	7,000/-
14	K. Sruti III Year IT R. M. Dhivya Lakshmi M. Hema III Year CSE	Dr. N. Sripriya Dr. S. Poornima	3D visualizer for realistic classroom demonstration using augmented reality	28,000/-

15	Sobika Sree Ramesh Swetha Subramanian Sravanthi Murugesan II Year	Dr. E. M. Malathy	Smart access to academic research laboratory by object recognition models in internet things	8,000/-
16	S. Kavya R. Divya Darshni R. Gayathri B. Karthika III Year	Dr. I. Joe Louis Paul Dr. S. Sasirekha	Facial recognition system and spoofing detection with voice controlled automatic door opening for visually impaired people with Alexa	17,000/-
17	Aadhithya B.kailash S. Keertivaas IV Year P. Dharsini Kayanat III Year	Dr. R. Swathika	Periodontal disease prediction – a deep learning approach	8,000/-
18	S. N. Namshika M. S. Keerthi Priya III Year CSE Maadhava Muralidharan III Year IT R. Balasubramaniyam III Year EEE	Dr. N. Sripriya Dr. S. Poornima	A. V. I (Assistant for Visually Impaired)	20,000/-
19	A. Mona Abishek S. Manikandan II Year EEE	Dr. K. Kabilan	Contactless smart attendance system	14,000/-
20	J. Deepak Aadhithya K Praveen H. Abdurrahman Lal Sudhesh II Year	Dr. V. Sivamurugan Dr. E. M. Malathy	Web scrapping and web app development implementing real-time stock checker	4,500/-

2021 – 2022 Category-Students (I Year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	B. Sasmitha S. Merudhula Nithish Sivanandam	Dr. S. Chitra	Object classification through vocal assistance for visually impaired	6, 500/-
2	V. R. Vishnu Siddharth N. Subramanian IT K. S. Vishal Mechanical	Dr. Ashwinth Janarthanan	Effective college bus management using GPS	9, 000/-
3	Vishal Prakash V. Rahul IT Shravan Sreeram CSE	Dr. Ashwinth Janarthanan	Automated queuing system for efficient food management	19, 000/-
4	B. Mitul Krishna IT S. Rohit Ram CSE	Dr. K. S. Gaythri	Product shipping automation in retail shops using image processing	15, 000/-
5	B. Sabarish Sankaran IT Adithya Muthukumar CSE B. Neilalohithan ECE	Dr. Ashwinth Janarthanan	PUPIL - Automated system for recording and editing lectures	24, 000/-

2019-2020

2019 – 2020 Category-Students (II/III/IV Year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	V. Arjun Anand A.K. Buvanasri R. Meenakshi III Year	Dr. S. Karthika	People Xploit	25, 000/-
2	R. Aishwarya Vaikundam S. Harshini R. Jothika II Year	Dr. R. Srinivasan Dr. T. Sree Sharmila	Identification of prosopisjuliflora from drone captured images	30, 000/-
3	A. Indira Priyadarshini JajulaAbhaya Chetna II Year	Dr. S. Karthika	M-Shield: Android finder with remote controls	24, 000/-
4	T. Dhanwin R. Janani N. Meghna J. Sidhakar V. Visweshlyer III Year	Dr. I. Joe Louis Paul Dr. S. Sasirekha	Enhanced battlefield training using virtual reality (VR) student team	32, 000/-
5	Janice Marian Jockim K. Meghana II Year	Dr. S. Karthika	Reel or Real - Credibility checker for online news	25, 000/-
6	Ch. Haindhavi M. Vyshnavi K. Bhuvana	Dr. I. Joe Louis Paul Dr. S. Sasirekha	Smart surveillance system for theft detection in jewellery shops	9, 000/-

	II Year			
7	M. Gopi M.K. Nivetha IT - III Year K. Irfan Khan CSE - III Year	Dr. I. Joe Louis Paul Dr. S. Sasirekha	Toxic gas detection and alert system for sewage	10,000/-
8	T. Aswini T. Dharagesh S. Divya III Year	Dr. E. M. Malathy Mr. R. Vinobchander	IoT based road accident tracking and multimedia alerting system	7,000/-
9	M. Badri Narayanan M. Jithesh Reddy V. Madhavan M. Amrith II Year	Ms. R. Swathika Ms. N. Radha	Ignition interlocked device for cars to prevent drunken driving	15,000/-
10	K.S. Arun A. Arun Laxman S.A. Krithik Sharan P. Lakshanya II Year	Dr. T. Sree Sharmila Dr. R. Srinivasan	Kylindro-meter - LPG cyclinder exhaustion predictor	20,000/-
11	R. Aravind Angappan J. Bryan Ronnie A.H. Mohamed Jameel II Year	Dr. N. Bhalaji	Wireless object finder	12,000/-

12	A. Swathi Sruthi Ashok Kumar K. Raajalakshmi II Year	Dr. S. Chithra	Intelligent automatic traffic control system using IoT	8,000/-
13	V. Preetha P. Smithi II Year	Ms. S. Poornima	Smart Mirror	19,000/-
14	G. Divyadharshini M. Deiva Kauvya III Year	Ms. N. Radha Ms. R. Swathika Mr. A. SandanaKaruppan	Speech enabled smart safety wearable device	14,000/-

2019-2020 Category-Students (I year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	T. R. Harsha - IT SricharanSundarbabu - Mech S. Nithin- CSE I Year UG	Dr. Prita Nair Physics	Development of Deformable Nano Photonic Crystal for application as active colour change based sensor and tunable reflectors	30,000/-
2	V. Saagar Prasad B. Rakshana A. S. Bhuvaneswar B. Karthika	Ms. S. Uma Maheswari	The impact of Throat Microphone Lombard Speech on Automatic Speech Recognition System	18,000/-

	I Year UG			
3	S. Navaneethakrishnan K. Krishnaraj B. Harikrishna I Year UG	Ms. S. Uma Maheswari	The impact of Visual Lombard Speech on Automatic Speech Recognition System	24, 000/-

2018 – 2019 Category-Students (I Year UG/PG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Aadhithya B. Kailash S.A.J. Akarvin Raja Prajan J. Harrison Vijay S. Keertivaas I Year UG	Dr. I. Joe Louis Paul	SnapzAtt	30, 000/-
2	P. Koushika (IT) Madhuri Shakya (EEE) J. Neythra (EEE) I Year UG	Dr. P. Vasuki (IT) Dr. K. Usha (EEE)	Thermal and PIR sensors for electricityconservation	13, 000/-

3	R. Rajakumaran I Year PG	Dr. S. Karthika Dr. N. Bhalaji	SMART "Attendance and OD" generation using - SIoT	20,000/-
4	R. Sai Arthi I Year PG	Dr. A. Shahina	Automatic diagnosis of Alzheimer's disease from MRI scans using machine learning algorithms	23,000/-
5	R.K. Rema Devi I Year PG	Dr. R. Srinivasan	Generating visual patterns on smoke using Faraday's standing wave principle and its analysis	25,000/-
6	G. P. Kamalakannan I Year PG	Dr. N. Bhalaji	Block-chain based E-voting recording system	21,000/-

2018 – 2019 Category-Students (II/III/IV Year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	E. ShanmugaSkandh Vinayak III Year	Dr. N. Bhalaji	FOG computing - A raspberry PI based decentralized network	13,000/-
2	V. Aishwarya Akshara Kannan S. Nikita	Dr. N. Sripriya Dr. S. Poornima	Analysis of emotion in stuttered speech - An aid to speech pathologies	18,000/-

	III Year			
3	P. Renvitha M. Oviyaa III Year	Ms. R. Swathika Dr. S. Sasirekha Dr. I. Joe Louis Paul	Drowsiness and fatigue detection for bikers using helmet	16,000/-
4	K. Sai Kaushik B. Sanjana Sanjana II Year	Dr. I. Joe Louis Paul Dr. S. Sasirekha	iPARK - Innovation in parking	18,000/-
5	AnamSaatvik Reddy Keshav Balachandar II Year	Dr. A. Shahina	Applying AI to commercial documents for summarization and recommendations	25,000/-
6	V. Supriya R. Manaswini II Year	Ms. S. Uma Maheswari	Design of lombard speech corpus to build a robust speaker recognition system using deep neural networks	20,000/-
7	S. Aravind S. Harini R. Ishwarya U. Balaji III Year	Dr. S. Sasirekha Dr. I. Joe Louis Paul	DOC - Yourself	24,000/-
8	Sri Hari Karthick Sushmita Rajtilak III Year	Mr. V. Sivamurugan Ms. E.M. Malathy	Acknowledgement on bio-metric based attendance system for SSN faculty	9,600/-
9	S. Rithik Prasad A. Shaistha R. Soumya	Ms. S. Uma Maheswari	The SSN Institution Research Archive (A dynamic web application to maintain institutional research data)	15,000/-

	II Year			
10	ChaluvadiJwalaSowmika YallalaPranusha III Year	Ms. J.K. Josephine Julina	Intelligent accident detection and alert system for emergency medical assistance	10,000/-
11	K. Sowmya S. Srinidhi S. Rupaa Shri D.P. Sharavanee II Year	Ms. R. Swathika	Smart Crop	10,000/-
12	Shubhangkar G Jain Sanjana Sukumar Priyanka Atul Srivastava II Year	Dr. S. Sasirekha Dr. I. Joe Louis Paul Ms. R. Swathika	SSN bus tracker	8,000/-
13	B.A. Akash M. Harini P. Mageshwaran III Year	Dr. S. Sasirekha Dr. I. Joe Louis Paul	Smart action monitoring and alerting system for elder people	15,000/-
14	S. Preethi L. Ramya III Year	Dr. N. Bhalaji	AWMS - Air water quality monitoring for SSN campus	15,000/-
15	S. Aishwarya R. Mythreyi V. Niranjana Devi III Year	Dr. S. Chithra	Smart wearable for child tracking and monitoring	12,000/-
16	K. Sujith Pagadala Sreenivas II Year	Dr. I. Joe Louis Paul Dr. S. Sasirekha	Pen scanner	16,000/-

17	P.G. Abinaya S. Avinash S. Naveen II Year	Ms. J.K. Josephine Julina	Design of compact chargeable and storage device	3, 500/-
18	R.B. Jananie A. AntoSilviya III Year	Mr. A. SandanaKaruppan Ms. N. Radha	Drowsiness detection and alert system for car accident prevention	7, 500/-
19	J.S.N. Spandana G. Subasri III Year	Dr. P. Vasuki	Automatic gate opening system with rational authorization technique	15, 000/-
20	P. Vijayalakshmi M. Priyadharshini R. Mageswari III Year	Ms. N. Radha	Silent speech recognition using alterative sensors	13, 000/-
21	S.G. Sowmya S. Sowmithri N. Shalumeena B. Raksha Yavanika II Year	Ms. T. Shanmughapriya	Smart safety device for women	4, 000/-
22	D.L. Meghna Iyer M. Nivedha B. Mrudula III Year	Dr. S. Poornima Dr. N. Sripriya	Monitoring and obstacle detection for road safety	20, 000/-

2017 – 2018 Category-Students (I Year UG/PG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Bobby Stefy Chris S (I Year PG)	Dr. R. Srinivasan	Steganography and anamorphic Illusions	20,000/-
2	Rimi Chowdhury (I Year PG)	Dr. N. Bhalaji	Smart workload assistance using voice command (ALPI)	18,000/-
3	N. G. Devanathan Mayank Singh N. Ronak Agarwal (I Year UG)	Dr. S. Chithra	Alert system for car hacking	10,000/-
4	S. Nevein Kumar L. Gourav Kumar (I Year UG)	Dr. S. Chithra	Solar charger for mobile phones	7,000/-
5	M. Pruthvi (I Year PG)	Dr. S. Karthika Dr. N. Bhalaji	Transforming “College” into “Smart College”-Exploring SIoT	20,000/-
6	B. Jamal Mohamed A. R. AkshaySooria B. Naveen (I Year UG)	Dr. P. Vasuki	Interactive and entertaining Tamil website	8,000/-
7	S. Abhinav Hansel S. Christopher V. Hari Prasath Ishwarya (I Year UG)	Dr. S. Sasirekha Ms. T. Shanmugapriya	iCoach: WIRELESS Alerting and monitoring of athletes	5,000/-

2017 -2018 Category-Students (II/III/IV Year UG)

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	N. Vignesh Kumar (II Year) V. Vishal (II Year) Yash Munoth (II Year)	Dr. R. Srinivasan	Tonoscopic image processing	19, 000/-
2	M. Vignesh (III Year) S. Raghul (III Year) Prem Harish (III Year)	Dr. N. Bhalaji	Effective irrigation management using cyber physical system	10, 000/-
3	P.J.M. Swaminaathan (III Year) J. RinoVetha Moses (III Year) M. Rama Krishnar (III Year)	Dr. I. Joe Louis Paul	Smart book locator system	15, 000/-
4	Debadyuti Bhattacharya (II Year) Ashwin Dhanasamy (II Year) Prem Suresh (II Year)	Dr. N. Bhalaji	Advanced system security	10, 000/-
5	G. Swaminathan (III Year) S. Balakrishnan (III Year) S. Nitheesh Prabhu (III Year)	Dr. P. Vasuki	CodeEasy - A code learning system using OCR and deep learning	14, 000/-

6	S. Pooja (III Year) Pooja R. Bhaiya (III Year) B. Prashanthi (III Year) S. Shruthi (III Year)	Dr. S. Mohanavalli Ms. Srividya	Cycle Grid - A bicycle sharing system	25, 000/-
7	S. Swarnalatha (III Year) R.S. Shrikanth (III Year) I. Kesavarthini (III Year)	Dr. S. Poornima Dr. N. Sripriya	Med-Recommender system - An application for predictive analysis of symptoms and recommendation of hospitals and physicians	22, 000/-
8	K. Srividhyasaradha (II Year)	Dr. I. Joe Louis Paul Ms. S. Sasirekha	Automated attendance system for educational institutions	10, 000/-
9	Nikita Vignesh Kumar (III Year) C. Lahari (III Year) V. JeyaAiswarya (III Year)	Ms. E.M. Malathy Ms. N. Radha	Network evaluation model through web based technologies	8, 000/-
10	B. Karthik Raja (II Year) D. Hemnath (II Year) A. Narayanan (II Year)	Dr. T. Sree Sharmila	Virtual tour of SSN	22, 000/-

2016 - 2017

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	S. Murugappan (II Year)	Dr. R. Srinivasan Dr. T. Sree Sharmila	Automated restroom smell alert system	25, 000/-

2	NikithaVignesh Kumar (II Year) S. Neharika (II Year)	Dr. T. Sree Sharmila	Mobile attendance system	12, 000/-
3	V. Sangavi (III Year) P.M. Sashaank (III Year) B. Rushvanth (III Year) V. YaadeshKumaar (III Year)	Dr. S. Karthika	Predpatrol- predictive patrolling	16, 000/-
4	V. NeerajRoop (III Year) D. Prathana (III Year) ReshmithaRajasekar (III Year) R. Revathy (III Year)	Dr. N. Bhalaji	Optimizing the frequency of buses – maximum flow graph	5, 000/-
5	T. Dhanush (III Year) B. AswinRamnath (III Year) M. Krishnakanth (III Year)	Dr. N. Bhalaji	Smart rooms	16, 000/-
6	JeyaramHariharakrishnan (II Year)	Dr. N. Bhalaji Mr. V. Sivamurugan	Smarter keyboard – supplementary security tool	15, 000/-
7	K. Aashika (III Year) P.C. Abilashkumar (III Year) S. Aboorva (III Year) K.S. Hariharasudan (III Year)	Dr. G. Muneeswari Mr. I. Joe Louis Paul	Hydro-Spark (Flood level and Flood water electric discharge warning system)	12, 000/-

8	M.S. Vignesh (II Year)	Mr. I. Joe Louis Paul	Spotting a person within a given range	10, 000/-
9	L. Akhil Venkateswaran (III Year) P. Gautham Ram (III Year) T. Jerold Jacob (III Year) M. Karthik (III Year)	Mr. I. Joe Louis Paul Dr. G. Muneeswari	Stalker Detector	15, 000/-
10	K. M. Limesh Krishna (III Year) A.N. Arunakumari (III Year) GaddamMounica (III Year) KonduriSaisree (III Year)	Dr. N. Bhalaji	School student attention monitoring system	13, 000/-
11	S. Swarnalatha (II Year) R.S. Shrikanth (II Year) I. Kesavarthini (II Year)	Dr. S. Poornima Dr. N. Sripriya	Student out pass generator –An application for hostel students	10, 000/-
12	C. Jayashree (IV Year) K. Monika (IV Year) P. Moohana Priya (IV Year) G. Gayathri (III Year)	Mr. I. Joe Louis Paul Mrs. S. Sasirekha	Smart eye for the visually impaired	14, 000/-

13	J. Chandramowli (II Year) Aadhithya Dinesh (II Year)	Mr. I. Joe Louis Paul Dr. G. Muneeswari	An online programming judge	8,000/-
14	K. HariniPriya (II Year) R. Lalithalakshmi (II Year)	Mr. R. VinobChander	Security enhancement at hostel gate by face detection	8,000/-
15	AdeebTahir (II Year) Adithya Ganesh (II Year)	Mrs. S. Sasirekha	Quick Basket	8,000/-
16	L. AkshayKarthik (III Year) Ebenezer Ajay Williams (III Year) N. Gareshma (III Year) R. Harini (III Year)	Dr. S. Chithra	Overhead tank water level monitoring system	13,000/-

2015 - 2016

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Aditya Mangal K. Aishwarya Akshara Venkatesan (III Year)	Dr. N. Bhalaji Mr. K. Kabilan	Effective Irrigation Management using Cyber Physical System	24, 000/-
2	B. Archana S. Harine V. S. Kiruthika (III Year)	Mr.V.Thanikachalam	Posture Analysis System - An Aid to Stay Fit in Sedentary Lifestyle	14, 000/-
3	Y. Gokul P. Kirthana (IV Year)	Ms. S. Sasirekha Mr. I. Joe Louis Paul	Smart Helmet with Emergency Notifying System	25, 000/-
4	M. NoorJagan Vaishali Sarathy (IV Year)	Dr. R. Srinivasan	Eye Magic : Computer Interaction using Eye Gaze and Blink	16, 000/-
5	T. M.Venkatesh L. Pragalbha N. V. Vishnuvarthan S. Srinivasan (III Year)	Dr. S. Chithra Dr. N. Bhalaji	Smart Wastes Monitoring and Management System	12, 000/-
6	M. H. Faritha Nasreen A. Arul Dhana Saam Prakash R. Aparrna (IV Year)	Ms. S. Poornima	Design and Implementation of a Multimodal Biometric System for Attendance Monitoring	8, 000/-
7	R. Pavithra G. Prabhu (IV Year)	Dr. R. Srinivasan	Air Writing : Translating Finger movement to Text for the Visually Impaired	15, 000/-
8	B. Arun R. AshokMadhavan (III Year)	Ms.S.Sasirekha	Location Based Generic Cloud Service	8, 000/-

9	S. Rengarajan S. A. Packiakumar (IV Year)	Dr. T. Sree Sharmila Dr. R. Srinivasan	Smart Traffic Signaling System	10,000/-
10	Nilofar Parveen A. Sophia Josephine (III Year)	Dr. G. Muneeswari	Smart Headphones using Electro Encephalograph (EEG) Sensor	10,000/-
11	Priyashree Srikanth Shivani.N L. Swetha R. Tarunika (III Year)	Dr. G. Muneeswari	Tracking Valuables using Portable Sensors (wearTrack)	12,000/-
12	P. S. Revanth D. S. Navin Kumar (IV Year)	Mr. I. Joe Louis Paul Ms. S. Sasirekha	Wireless Mobile Charger	5,000/-
13	G. Krishna G. Gauthamkrishna (III Year)	Dr. N. Bhalaji	Neorocinematics - The Cognitive and Emotional Responses to Movies	25,000/-
14	A. Prakash M. Sathish T. Srisai Bhargav (III Year)	Dr. T. Sree Sharmila Ms. J. Sofia Jenifer	Drowsy Driving Detection System	18,000/-
15	S. Vharshinee S. S. Sownthiriya (III Year)	Dr. G. Muneeswari	Bus Entry / Exit and Capacity Notification System using RFID and PIR Sensors	8,000/-
16	R. Mohan Raheja L. Kishore (III Year)	Mr. I. Joe Louis Paul	Physiological Analysis by Brain Wave Monitoring	12,000/-
17	N. R. S. Sutharsanan Vidhyaa Venkatesh (IV Year)	Dr. A. Shahina	A Device Converting Speaker's Speech into Listener's Handwriting	9,000/-

2014 - 2015

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	G. Krishna (II Year) M. Arun Kumar (II Year)	Dr. R. Srinivasan	Automated Attendance System	19, 500/-
2	S. Ananda Subramaniam (IV Year) T.P. Dwarakesh (IV Year)	Dr. T. Sree Sharmila	Vacant seat detection System	24, 315/-
3	R. Jagadeesh (II Year) R. Gowtham(II Year)	Ms. S. Sasirekha	College bus tracking system	9, 500/-
4	Akshay S. Santhanam (IV Year) K. Mahalingam(IV Year)	Ms. S. Sasirekha Mr. I. Joe Louis Paul	Landslide prediction and alert system	27, 000/-
5	K. Ragavi (III Year) Priyanka Radja (III Year)	Dr. S. Chithra	Portable Text to Speech Converter for the Visually Impaired	14, 300/-
6	S. Vigneshwaran (IV Year)	Dr. S. Chithra	Implementation of WLAN 802.11/N	20, 600/-

2013 - 2014

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Abhinandan R (IV Year) Arunachalam G (IV Year) Karthick Hariharan (IV Year)	Dr. R. Srinivasan	Mobile Video surveillance	16,000/-
2	Gayatri A (III Year) Mekala N (III Year)	Dr. R. Srinivasan Dr. K. Premkumar	READ- Real Time Anonymous Doubt Raiser	15,000/-
3	Aarthi S (III Year) NikilBaradwaj K (III Year) Mahima S (III Year)	Dr. K. Premkumar	AUDACE – Automated Attendance System	18,000/-
4	Dhruv Prajay Prakash (IV Year) Arjun S (IV Year) Karthik M (IV Year)	Ms. S. Chithra	Smart Stick for Visually Impaired	20,000/-

2012-2013

S. No.	STUDENT(S) NAME	PROJECT GUIDE	PROJECT TITLE	AMOUNT (in Rs.)
1	Sathish E (IV Year) Shivaraman A. K (IV Year) Sunil Vignesh R (IV Year)	Dr. R. Srinivasan Dr. K. Premkumar	Robot Rendezvous for tracking moving target	25, 000/-