

Students Internal Funded Projects

2019-2020

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 I Year UG	Ms. S. Uma Maheswari	The impact of Throat Microphone Lombard Speech on Automatic Speech Recognition System	18, 000/-
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/-

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. VisweshIyer 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 II Year	Dr. I. Joe Louis Paul Dr. S. Sasirekha	Smart surveillance system for theft detection in jewellery shops	9, 000/-
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/-

2018-2019

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 III Year	Dr. N. Sripriya Dr. S. Poornima	Analysis of emotion in stuttered speech - An aid to speech pathologies	18, 000/-
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 II Year	Ms. S. Uma Maheswari	The SSN Institution Research Archive (A dynamic web application to maintain institutional research data)	15, 000/-

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/-
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2017-2018

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	Nikitha Vignesh 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. Likesh 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. Aparna (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/-