

LIST OF STUDENT PROJECTS SELECTED - 2019 - 2020

Sl No	Name of Principal Investigator	Name of Student Investigators	College	Branch	Title of the Project	Amount Sanctioned	Consumables	Equipments	Travel	Contingency	Miscellaneous
1	Dr. Ranjith S. Kumar Assistant Professor	Ajmal A R Akhildev V T K Akhil Bedhoonraj	CET	ME	Ground mobility device for disabled.	50,000	20,000	15,000	5000	9000	1,000
2	Dr. Jayasree P. K. Professor	Athira Bismi N A Mohammed Shikaf Ali S Sreesha N P	CET	Civil	Effect of vetiver roots on erosion control in slopes.	50,000	10,000	28,000	2000	5000	5000
3	Dr. Jayasree P. K. Professor	Dilshan P Ghanasyam J Jesbin John Jacob Suresh Vishnu	CET	Civil	Green Bricks for Sustainable Future.	50,000	10,000	28,000	2000	5000	5000
4	Sreedevi A. R. Assistant Professor	Althaf Hussain N Anand Solomon K Binoy K Cyril G Thottumkal	CET	Civil	Development of Sustainable Particle Boards from Water Hyacinth and Pineapple Leaf Pulp.	40,000	10,000	20,000	5000	5000	
5	Dr. Sumi S. Assistant Professor	Akshay Ranjith Alisha P M Binoy P T Catherine Chakkakakkal	CET	Civil	Performance assessment of constructed wetland in treatment of wastewater.	49,000	10,000	20,000	3000	5000	11,000
6	Dr. Dinesh Gopinath Associate Professor	Sujeesh B Sachin K Aravind Adwaith M K Akarsh A M	CET	EEE	Design and development of a high frequency power supply for magnetic hyperthermia based cancer treatment	50,000	10,000	30,000	5000	5000	
7	Dr. Dinesh Gopinath Associate Professor Dr. Shereef R. M. (Co-Investigator)	Archana Govindan Malavika Jayakumar Parvathy G Ajay Pavithra P Venu	CET	EEE	SiC MOSFET based bi-directional DC-DC power converter for EV applications.	50,000	10,000	30,000	5000	5000	
8	Dr. Mayadevi N. Associate Professor	Rohit G Midhun Satheesh Aswin A S	CET	EEE	Portable bio signal detector-brain computer interface	50,000	10,000	35,000		5000	
9	Dr. Sreeja S. Associate Professor	Adharsh K Tom Justin Jose P Joseph Kurian Nithin Philip Joseph	CET	EEE	Emergency response rover for disaster mitigation with reconfigurable antenna	47467	44,267	1700	500	1000	

10	Anu A G Assistant Professor	Girish V V Siddharth P Aswin Raj Mohammed Vajid N	CET	EEE	Auto adjustable cleaning bot	28,000	3500	20,000	1000	3500	
11	Dr. Jiji Anna Varughese Associate Professor Dr. Nelsa Abraham Assistant Professor (Co- Investigator)	Alma Ahamed s Amina M K Nomi Susan Mathew V S Krishnanunni	GEC Barton Hill.	Civil	Properties and Behaviour of Concrete with Carbon Nanotube Composites.	50,000	10,000	35,000		5000	
12	Biji G. Assistant Professor	Anamika A S Ardra A R Keerthy Sankar Meenu A S	GEC Barton Hill	EEE	Power quality improvement using dynamic voltage conditioner	40,000	7000	28,000	3000	2000	
13	Dr. Anto Francis K. Assistant Professor	Aiswarya M Arjun Sandeep P Arjun V Nair Gayathri Suresh	GEC Thrissur	Civil	Geological and geotechnical evaluation of landslides at Kavalappara and Puthumala.	40,000	5000		10,000	5000	20,000
14	Prof. P. P. Sivan Assistant Professor	Akash Biswas Amir Suhail V Anjitha Ann K Archana Ramenan	GEC Thrissur	Civil	Evaluation of housing technologies in disaster prone areas of Kerala.	50,000		50,000			
15	Ajay James Assistant Professor	Keerthana N Kutty Vishnu Vijay Ajin Plus Michel Yadukrishna P	GEC Thrissur	CSE	Sniffer bot	9050	200	8700	150		
16	Dr. Praseetha P. Nair Assistant Profesor	Arya Kanjily Aswin M R Nithin T Raj Chippy K S	GEC Thrissur	Chemical	Synthesis of micro encapsulated phase change materials for solar energy storage and photo thermal conversion.	48,500	10,000	25,000	1500	2000	10,000
17	Dr. P. A. Solomon Professor	Divya N Sreerag A V Tiwin Joseph Yadukrishna	GEC Thrissur	Chemical	Improvement of biodegradability of phenol using Electro oxidation	26,000	1000	5000	10,000	5000	5000
18	Dr. Jisha V. R. Associate Professor	Akhil Chandran S Anandhu S S Athul S Govind Sreerag K S	GEC Thrissur	EEE	Pond cleaning robot	49,000	9000	34,000	1000	5000	
19	Uma Syamkumar Assistant Professor	Ajith U R Arjun Rajendran T Akshayamol M M Jatin Singh	GEC Thrissur	EEE	Fractional order PID controller for sensor less control of BLDC motor	36,000	9500	17,000	4500	5000	

20	Riyas K. S. Associate Professor Anjana G (Co-Investigator)	Francis T J	RIT Kottayam	ECE	Semi-Autonomous Hoverboard	40,000	5000	30,000	1000	4000	
21	Dr. Sunil Kumar P. R. Associate Professor Dr.Abhilash T Vijayan (Co-Investigator)	Aadarsh G Krishnan Anil Kumar M H Ramsankar Ranjana R Krishnan	RIT Kottayam	EEE	Eco-friendly hybrid tricycle for handicapped	50,000	7500	40,000	2000	500	
22	Dr. Sobhana N. V. Professor	Jalumedi Shashank Babu George Thomas Anuvind Krishna	RIT Kottayam	CSE	Adaptive traffic signals with real time feed back.	15,000	6000	5000		4000	
23	Ajini A. Assistant Professor Praveen A N (Co-Investigator)	Else Paul Isac Vinod Krishnan R H Atul Madhusudhana Panicker Ashrith M V	GEC Idukki	CSE	A GPS-GSM predicated KSRTC bus tracking system monitored in a mobile application.	13,000	5000	5000	500	2500	
24	Shibily Joseph Associate Professor Prof.Anuraj N	Anjali Raj K Musthafa O M Navaneeth Krishnan P Nikhil P	GEC Sreekrishnapuram	CSE	VARUNA (AI-ROBOT) a.k.a Autonomous Marine debris detection and collection robot	38500	2000	29,000	2500	5000	
25	Anwar Hussain M. Associate Professor	Abhijith A Aiswarya Ghosh Ajith V Aravind R Krishnan	GEC Sreekrishnapuram	ECE	ROVIZ the service robot	31,000	2000	25,000	2000	2000	
26	Vijeesh V. Assistant Professor	Farzeen K M Jayan C Varsha P Suhail Mohammed J	GEC Sreekrishnapuram	ECE	24 * 7 electric scooter service	29,000	5000	20,000	3000	1000	
27	R. Jayadevan Assistant Professor	Manjusha p T Drisyia Krishna K Athira P N Dharmishta K	GEC Sreekrishnapuram	ECE	Automatic e-ticketing system	18,000	4000	10,000	2000	2000	
28	Dr. Vinita Chellappan Associate Professor Muhammedali Shafeeque K (Co-Investigator)	Jishnu R Fasweehullisaan M K Abhijith M S Ashfakh A K Muhameed Naseem K	GEC Sreekrishnapuram	EEE	Optimal path planning for UAV (Unmanned Aerial Vehicle)	47,000	9000	30,000	3000	5000	
29	Dr. Alice Mathai Professor Prof. Geeja K. George (Co-Investigator)	Ameena Kareem Raiza K M Vismaya Wilson M Krishna K P	MACE Kothamangalm	Civil	Numerical Investigation on the Structural Behaviour of Idukki Arch Dam in view of Catastrophic Failure of Mullaperiyar Dam.	36,000	7200	21,600	3600	3600	

30	Basil Jaimon Assistant Professor	Aswathy K B Keerthana V Rahul Raj Sachin Mithra J M	MACE Kothamangalam	Civil	Early warning system for shallow landslides in data sparse region using rainfall threshold and slope stability analysis.	50,000	5000			15,500	29,500
31	Dr.Biju B. Professor	Adarsh Vijayan P V Allen Saju Godson Kunjumon Vaishnav K V	MACE Kothamangalam	ME	Self balancing robot for logistic application.	50,000	6000	43,000		1000	
32	Dr. Aji Joy Professor. Jiss Paul (Co-Investigator)	Baslin Abraham James Deepthi Daniel Jaseem K P Joseph Ben	MACE Kothamangalam	ECE	Automated Peltier Heat & Cool Jacket	23,350	3000	16,350	2000	1500	500
33	Prof. Jiss Paul AssociateProfessor.	Geethu Rose Joseph Milda Vincent Renjith Sadanandan Vysakh R	MACE Kothamangalam	ECE	Help Aside-A Disaster management System	21,300	4800	15,000		1500	
34	Dr. Vinodkumar Jacob Professor	Ashlin Antony Basil Chacko Alias Bony Tom Owan Shaji	MACE Kothamangalam	ECE	IoT Based Smart Greenhouse Automation System.	15,140	3000	10,640		1500	
35	Dr. Siddharth Shelly Assistant Professor Dr. Aji Joy (Co-Investigator)	Abhay V S Fahida V H Reshma T R Sajan C K	MACE Kothamangalam	ECE	IoT Based Domestic Vertical Farming System	18,000	2000	13,000	1000	2000	
36	Lija Thomas Assistant Professor Dr.Jinsa Kuruvila (co- Investigator)	Aadir Ahamed Aiswarya Paichadathil Athira S Kumar George N J	MACE Kothamangalam	ECE	Petroleum quality checker	9000	1000	7000	500	500	
37	Dinto Mathew Assistant Professor Eldhose K. A. (Co-Investigator)	Ismath K I Lami Mershed T P Sruthy K Muraleedharan Vaishnav C	MACE Kothamangalam	EEE	Design and implementation of hybrid MMC for variable speed applications	45,000	6000	32,000	2000	5000	
38	Rohini S. Assistant Professor Baji K (Co- Investigator)	Aparna Ajithkumar Aswin Raj P Floriya Antony Lakshmi Santhosh	SCT College of Engg Pappanamcode	BT&BCE	Novel Target using Quercetin Delivery System for Prevention & treatment of cancer stem cells.	50,000	5000	35,000	5000	5000	
39	Susmitha Kumari Assistant Professor Rajitha J Rajan (Co-Investigator)	Aakash Muralidharan Allen Souj	SCT College of Engg Pappanamcode	BT&BCE	Physiochemical efficiency of constructed wetlands in the treatment of Automobile waste water	50,000	10,000	40,000			
40	Asha S. Assistant Professor Sajith Sethu P (Co - Investigator)	Manukulathilakan S	SCT College of Engg Pappanamcode	ECE	Vehicle Safety System With Real Time Heart attack and Drowsiness Monitoring.	37,000	10,000	20,000	2000	5000	

41	Dr. Baiju V. Assistant Professor	Abin Varkey Amal P Raj Hari Babuprakash Jose Gijo Ananthu V Pillai	TKM College of Engineering Kollam	ME	Solar powered hybrid water generator using adsorption.	49050	5000	34050	3000	3000	4000
42	Amal Azad Sahib Associate Professor Dr. Priya K. L. (co- Investigator)	Anand Nelson Muhammad Hijas H Josmer Jose Aswin P Unnithan	TKM College of Engineering Kollam	Civil	Drainage of Kuttanad soil using Electrokinetic Geosynthetics.	40,000	10,000	22,000	3000	5000	
43	Dr. Ramaswamy K. P. Assistant Professor Dr. Anu V. Thomas (Co-Investigator)	Naeem Remya S Chandran Sera Rachel Varghese Sreelekshmi S	TKM College of Engineering Kollam	Civil	Development of Innovative Alkali Activated Concrete for Rebuilding Resilient Kerala Post Floods.	45,000	5000	30,000	5000	5000	
44	Althaf M. Assistant Professor	C A Navaneeth Noel Varghese Muhammed Navvar K Gowtham Prakash	TKM College of Engineering Kollam	Civil	Computation of stress concentration factor of tubular joints for the fatigue analysis of steel structures.	46,000	28,000	10,000	2000		6000
45	Dr. Sabeena Beevi .K Assistant Professor Dr. Usha Devi Amma C (Co-Investigator)	Harikrishnan S Sona Subair Pooja Sunil Mammen Vargese Puthukkeril	TKM College of Engineering Kollam	EEE	Design & development of an early detection framework for lung cancer using high speed gigapixel coherent computational microscope	50,000	10,000	33,000	2000	5000	
46	Dr. Shihabudheen K. V. Assistant Professor Dr. Bijuna Kunju K. (Co-Investigator)	Ajmy Jalal Anna Sunny Aswathy Ajay Sariga S	TKM College of Engineering Kollam	EEE	High impedance fault detection using frequency transform	49,500	1800	43,500	1200	3000	
47	Dr. Nissan Kunju Assistant Professor. Shafi M N (Co-Investigator)	Anandhu Santhosh Melvin Abraham Nadeem Mohammed Shajahan Rohan Prakash	TKM College of Engg Kollam	ECE	Indoor Swarm UAVs Localisation by Feature extraction using VSLAM & ROS	38,000	5000	30,000	1000	2000	
48	Reshna S. Associate Professor. Sajeena A (Co-Investigator)	Jikkumon Jams Kishor Kumar K Arjun B Shravan S Mohan	TKM College of Engg Kollam	ECE	Design & Development of Sign Language Recognition System for Hearing Impaired People.	36,000	5000	25,000	1000	5000	
49	Sreelekshmy Pillai G. Assistant Professor Biju M. S. (Co-Investigator)	Asif Ali S Cincy Jose Akhila N Agil Abraham Thomas	NSS College of Engineering Palakkad.	Civil	Impact of flooding in the performance characteristics of bituminous roads- a case study of Koduvayur-Nenmara road in Palakkad district.	50,000	8450	31,550	5000	5000	

50	Sreelekshmy Pillai G. Assistant Professor Sulakshna T. P. Assistant Professor (Co-Investigator)	Greeshma P S Aswathi P Ajil B S Ashiq Rahman P K	NSS College of Engineering Palakkad.	Civil	Prediction of road traffic noise levels by using regression analysis and artificial neural network.	40,000	4000	30,000	4000	2000	
51	Dr. Rethoop Raj Assistant Professor Nikhil Binoy C (Co-Investigator)	Akshay V J Amarnath k Athulya S Miswar Ali N B	NSS College of Engineering Palakkad.	ECE	Surface electromyography Based Prosthetic Limb	40,000	5000	32,000	2000	1000	
52	SivaKumar K. S. Assistant Professor Dr. Anish M N (Co-Investigator)	Muhammed Anees K Sruthi N P Shahana Beegam A P Megha K	NSS College of Engineering Palakkad.	ECE	Automated Swimming Trainer Suit For Beginners.	50,000	10,000	30,000	5000	5000	
53	Dr. Venugopal G. HOD Sidharth N (Co-Investigator)	Shamli Fathima P Dolbin Jojo Sandhra C Gayathri A V	NSS College of Engineering Palakkad.	ECE	FPGA Based Portable Device For Analysing Neuromuscular Conditions using Surface EMG Signals.	30,000	3000	23,000	2000	2000	
54	Dr. Anish M. N. Associate Professor. Sivakumar K S (Co-Investigator)	Anaswara S Arun M Shijin V	NSS College of Engineering Palakkad.	ECE	Wearable Gadget for Navigation of Blind People	22,500	5000	12,500	1000	4000	
55	Nimitha Muraleedharan Assistant Professor Dr. Sujith S. (Co-Investigator)	Sarath P Sruthi Sojan Sabarinath K K Yedhukrishna K S	NSS College of Engineering Palakkad	EEE	Suppression of time varying harmonics in non-linear load by HAPF system	37,000	10,000	20,000	2000	5000	
56	Leena N. Assistant Professor Dr. Sujith S. (Co-Investigator)	Krishnapriya Sasikumar Navya P Rohith M Vyshnav T S	NSS College of Engineering Palakkad	EEE	Sign language interpreter-slant	21,000	3000	15,000	1500	1500	
57	Suja Markose Assistant Professor	Dinakaran P S Swetha T S Rayeez Naushad Maresh S Nair	Model Engineering college	ECE	CPR monitor with cardiac output monitoring	22,000	4000	10,000	3000	5000	
58	Reeju Vargese Assistant Professor	Gopika K M Merin Jose Sethulakshmy P J Sibin Babu	Model Engineering college	ECE	Glove based health monitoring system	21,000	5000	10,000	2000	4000	
59	Jayadas C. K. Associate Professor	Yadu Krishnan J	Model Engineering College , Thrikkakara	ECE	Window Painting Drone	35,000	10,000	20,000	2000	3000	

60	Leena Silvester Assistant Professor Dancy Kurian (Co-Investigator)	Abhijith A Adeeb Ashraf T P Akhil Raj R S Renjith R S	College of Engineering Attingal	CSE	Obstacle detecting walking stick for blind	16,900	4200	6700	1000	5000	
61	Dancy Kurian HOD & Assistant Professor Leena Silvester (Co- Investigator)	Jean Johnson Dinesh S Arshaj S H Sheethal Joseph	College of Engineering Attingal	CSE	Project GreenX	20,000	5000	10,000		5000	
62	Sreejith S. Assistant Professor Salins S S (Co-Investigator)	Adarsh Prasanth Akhil P S Faisana M Lekshmy J R	College of Engineering Attingal	EEE	Wireless long-range sensor mesh network for environment surveillance and disaster prediction in remote areas	30,000	6000	20,000	2000	2000	
63	Remya R. S. Assistant Professor Manoj Ray D (Co-Investigator)	Siddharth P S Amal O P Abhijith U G Jithin Raj	College of Engineering Karunagappally	CSE	Realtime detection of helmetless riders using CCTV	14,500	5000	5000		4500	
64	Arjun M Assistant Professor	Rithulkrishnan V R Anagh P Athul Babu N K Gokul V	College of Engineering Thalassery	ME	Small scale unit of drinking water production from rooftop rain water harvesting.	50,000	10,000	36,000	2000	2000	
65	Dr. Rini Jones S. B. Associate Professor. Jinesh S (Co- Investigator)	Jugin Dinesh Krishnapriya Vinod Rahul M Layana I V	College of Engineering Thalassery.	ECE	Smart shield for Women Safety.	20,000	4000	12,000	2000	2000	
66	Jithendra K. B. Assistant Professor Anoop K (Co-Investigator)	Adarsh Madhusoodanan Abhinand E Athira Manoharan Amaya Sudhakar	College of Engineering, Thalassery	ECE	Irregular Land/Water Resources Surveying Equipment	18,000	3000	10,000	2000	3000	
67	Dr. Tina P. G. Assistant Professor. Saji Justus (Co-Investigator)	Amal S Austin J Srampickal Harikrishna R Sarang P P	College Of Engineering Kidangoor	ECE	Automated River Surface Cleaning Robot	31,000	5000	20,000	1000	5000	
68	Muhammed Ameen P. P. Assistant Professor. Priya M (Co-Investigator)	Archana Venugopal Athira Manoj Daniya Annamma Abraham Riya Soney	College Of Engineering Kidangoor	ECE	Chuckhole Tracker & Advanced Road Safety	15,000	2000	10,000	1000	2000	
69	Maneesha Krishnan Assistant Professor. Alkajith Jyothika (Co-Investigator)	Sreelekshmi R S Pooja Thulasi Haripriya Ajith Akshaya S	College of Engineering Karunagappally	ECE	An IoT Based Urban Airpollution Monitoring System.	16,000		14,000	1000	1000	

70	Shejina V Assistant Professor Varun Chand H (Co-Investigator)	Bebeuo Babulazar Athulraj P M Safvan Khaleel V Athul S Prakash	College of Engineering Vadakara	CSE	Animal identification with facial images using score level fusion	5000	4000		1000		
71	Prapu Premnath Assistant Professor Lalji Cyriac (Co-Investigator)	Aswin R S Muhammed Anas K M Arjun Anand Varun A	College of Engineering Vadakara.	ECE	Landslide Early Warning System.	10,000	3000	3000	1000	3000	
72	Vishnu Mohan Assistant Professor. Sukhanya K (Co-Investigator)	Athuljith S P Mohamed Sadiqu K V Yadu Krishnan t Yobin Bobby	College of Engineering Vadakara.	ECE	Non Destructive Type Qualitative & Structural Analysis Of Flexible Pavement.(Road)	14,000	3000	8000	2000	1000	
73	Abhilash B. L. Assistant Professor Anoopkumar N. (Co-Investigator)	Daheeb S Dev Neethu M S Anandhu B Athulya Babu	College of Engineering Pathanapuram	EEE	Ferrite position identification system operating with wireless power transfer for intelligent train position detection	25,000		20,000	3000	2000	
74	Dr. Mohanalin Raja Rathnam Associate Professor & HOD Sudhin Govind (Co-Investigator)	Akhil K Amritha Chandran M Gokul Krishna P P Vishal Ravikumar	College of Engineering Trikaripur	EEE	Landslide Monitoring and Early Warning System Using a Cluster of Sensor Network and Feedback neural network	28000	6000	21,000	1000		
75	Ajisha S Assistant Professor Kannan S A (Co- Investigator)	Akhila A Cereena S Jackson Rahul R Krishnan Vignesh Manoj	College of Engineering Perumon	EEE	Solar powered aqua ro-boat	25500	5000	12,500	3000	5000	
76	Sheron George Assistant Professor Adil Nasser (Co-Investigator)	Rijo Mathew Ashmy G S Sudeesh Kumar M	College of Engineering Aranmula	EEE	Self balancing off-road electric wheelchair	17,000	7000	7500	1000	1500	
77	Dr. Aboobacker Kadengal Dean (PG)	Navaneeth B K Pranav Paleri Nidhin K Nambiar Sreejish P V	LBS College of Engineering Kasaragod	ME	Design fabrication and investigation on a concentrated solar power desalination system using fresnal lens	49850	27750	21100		1000	
78	Rajashree Raghavan Associate Professor Arun S Mathew (Co-Investigator)	Hassainar Ashir P H Parvathiraj Balakka Zainal Abdeen Hameed Roshan K	LBS College of Engineering Kasaragod	EEE	Eco-driven self balanced electric bike using machine learning, gyroscope and recycled batteries.	32,000	8000	17,000	2000	5000	
79	Radhika P. Nair Assistant Professor Dr.Jayamohan J (Co-Investigator)	Amrutha U A Anjana S Kumar Gopika Chandran Jaseena Amsaj	LBS Institute of Technology for Women,TVM	Civil	Influence of mineralogy on the engineering properties of lateritic soils	50,000	5000	30,000	7000	8000	

80	Dr. Naveen S Assistant Professor Shijitha R (Co-Investigator)	Aiswarya S. S Architha V. M Asiya Nizam Parvathy Devi R	LBS Institute of Technology for Women,TVM	ECE	SPI-D: Spider Inspired Wall Climbing Robot	11,000	1500	7500	1000	1000	
81	Akhila K. Assistant Professor Rajitha A R (Co-Investigator)	Fathima Parveen A S Hidha Fathima Babu Priyanka Devassy Thanziya K J	Adishankara Institute of Engineering & Technology, Kalady	EEE	Universal mind read # DOF bed for rehabilitation.	22,000	5000	12,500	3000	1500	
82	Divya V Chandran Assistant Professor. Arya Paul (Co-Investigator)	Abhilash G Panicker Aswany Thilakan DonDavis Gayathri G Shenoy	Adishankara Institute of Engineering and Technology.	ECE	Doily	26,000	8000	15,000	1000	2000	
83	Dr. Aju Mathew George Assistant Professor	Kevin Emmanuel Lismol Scaria Tresa Rose Vignesh O S	Amal Jyothi College of Engineering, Kottayam	Civil	Adsorptive Removal of Arsenic from Water Using Chemically Treated Biosorbents:Evaluation of Equilibrium and Kinetic Parameters.	23,000	8000		2000	5000	8000
84	Midhun Joy Assistant Professor Therese Yamuna Mahesh (Co- Investigator)	Thomson Sunny Sneha Margret Abraham Sneha Mariam Thomas Tanniamol K Parambil	Amal Jyothi College of Engineering	ECE	Smart Agro-Incubator	23,000	4000	15,000	1000	3000	
85	Dr. Therese Yamuna Mahesh Associate Professor Midhun Joy (Co-Investigator)	Parvathy S S Shibin Thomas Shilpa Rachel	Amal Jyothi College of Engineering	ECE	Cicerone - A Real Time Object and Path Detection for Visually Impaired People.	22,500	5000	12,000	2000	3500	
86	Dr. Godwinraj D. Assistant Professor. Godfrey D (Co-Investigator)	Akhil K V Anjana N Anagha Santhosh Anitta roy Njavallil	Amal Jyothi College of Engineering	ECE	Design Microscale Laser Controlled PCB Engraver & Solder Dispenser Unit	25,000	5000	15,000	1000	4000	
87	Reeju Elisa Baby Assistant Professor Godwin Raj D (Co-Investigator)	Leah Sibi Lija Mariam Biju Sahi Ann George Shalu Shaji	Amal Jyothi College of Engineering	ECE	Self-Driving Car using Optical Flow & Gridding System	15,000	5000	5000	1000	4000	
88	Dr.Biju P L HOD Manoj Kumar V K (Co- Investigator)	Albin Mathew Ajilas V R Ajay Wilson Harith H Flewin Johnson	Jyothi Engineering college Thrissur	ME	Eco-friendly and effective management of used diapers and napkins.	49,000	7000	33,000	4500	4500	

89	Aswathy Ravikumar Assistant Professor	Tom Joseph Amith Abraham Rajan Steve Maria Waltin Savio Rajan K	Mar Baselios College of Engineering and Technology, Trivandrum	CSE	Food computer project	12,000	3000	6000		3000	
90	Dr. Jayakumari J. Professor Dr. Jayashree M. J. (Co- Investigator)	Daniel C Rohith Satheesan Sandra Jeeva Shamil Shamsudeen	Mar Baselios College of Engineering and Technology , Nalanchira	ECE	Portable Brain Computer interface for Medical Applications.	32,500	10,000	15,000	2500	5000	
91	Joisy M. B. Professor Dr.Narayanan S (Co-Investigator)	Karthik G Lekshmi V R Nabeel N S Nice M Basheer R U Dhanusree	Marian Engineering College,Kazhakootta m	Civil	Desalination of seawater	27500	3000	12,000	3000	9500	
92	Asha Davood Z. Assistant Professor Dr.Narayanan S Professor & HOD (Co- Investigator)	Ashiq Rashid Hepsy Hamlet Praveen Peter Gomez Shilpa Cecil	Marian Engineering College, Kazhakuttom	Civil	Autofarm Water Regulator	34,000	2000	30,000	1000	1000	
93	Dr. Shalini A. Nair Associate Professor Dr. P. Roopa (Co- Investigator)	munshida P Sradha S Aswathy A Akshay S	Mohandas College of Engineering, Nedumangad	BT&BCE	Comparative analysis of co- digestion of waste glycerol with biomass	20,000	4000	12,000	2000	2000	
94	Dr. K. M. Usha HoD Prathibha S Nair (Co-Investigator)	Aiswarya K S Ardra V Sunil Parvathy Visakh	Mohandas College of Engg & Technology.	BT&BCE	Mathematical Modelling & Simulation of Fluidized Bed Reactor for the decomposition of Ammonium Nitrate & reduction of oxides of Nitrogen emissions.	30,000	2000	15,000	5000	5000	3000
95	Dr.Amith Aravind Associate Professor Dr.M D Mathew (Co-Investigator)	Rahul Nair Josemon N Sumesh Prasanth O P Justin Raju	Saintgits College of Engineering Kottayam	ME	Development of biodegradable cutting fluid from esterified rubber seed oil and estimation of its rheological,tribological and other cutting parameters.	45,000	10,000	25,000	5000	5000	
96	Boby Paul Assistant Professor Harinarayanan Nampoothiri M G	Jacob George Amal S Aromal Jayaprakash Alex Shiji	Saintgits College of Engineering Kottayam	ME	SAMPARAYA	45500	7500	25000	5000	8000	
97	C. K. Cherian Assistant Professor Jithin Kurian Andrews (Co-Investigator)	Jithin Rajan Nithin Skariah Vineeth K S Zacharia Issac	Saintgits College of Engineering, Kottayam	Civil	Floating wave breakers	30,000	5000	15,000	5000	5000	

98	Dr. Reebeu Z. Koshy Assistant Professor Jithin Kurian Andrews (Co-Investigator)	Joel Jacob Jose Mathews Stephens Sreekkuttan Vipin S Kumar	Saintgits College of Engineering, Kottayam	Civil	Development of a low cost mechanism for pavement performance evaluation	34,000	10,000	14,000	5000	5000	
99	Benita A. Assistant Professor Roshni Oommen (Co-Investigator)	Rose Mol James Akshitha Saji Alwin Emmanuel Reema James	SAINTGITS College of Engineering	ECE	IoT Enabled Cost Effective Braille Printer with an Efficient Embosser	26,000	8000	15,000	1000	2000	
100	Ashly John Assistant Professor Ashwin P. V (Co-Investigator)	Arjun Shankar P. B Arunima C. V	SAINTGITS College of Engineering	ECE	AI Based Spectacles for Blinds	24,500	5000	15,000	1000	3500	
101	Dr. Riboy Cheriyan Professor & HoD Dr Ansal K A (Co-Investigator)	Joel Abraham Sree Sankar E Reuben George Mathai Sandeep Narayanan	SAINTGITS College of Engineering	ECE	Machine Learning-Based Fingerprinting for Accurate Positioning of Things in GPS denied Environment using Lora WAN-Long Range Wide Area Networks	32,000	5000	20,000	2000	5000	
102	Ashly John Assistant Professor Hanna Mathew (Co-Investigator)	Aiswarya Satheesh Akhila Vinod Arya R Anil Sreya M James	SAINTGITS College of Engineering	ECE	Automated wheelchair and Human automation.	13,547	900	9647	1000	2000	
103	Abraham George Assistant Professor Jineeth Joseph (Co-Investigator)	Akash Kalluvilayil Venugopal Sharon K Varghese Sheba Merin Jacob	Saintgits College of Engineering, Kottayam	EEE	Development of embedded system for speaker identification and recognition using AI method.	10,600	5400	1000	2700	1500	
104	Sarju S. Assistant Professor Mereen Thomas (Co-Investigator)	Joel James Alka Augustine Ashna Saji Irene Treesa Jose Aksa Reji Daibin Raju	St. Joseph's College of Engineering & Technology Palai	CSE	Black box logging system for drones	11,000	4000	4000		3000	
105	Dr. Rajesh Baby HOD & Associate Professor	Josevin Joseph Sajo Mathew Sen Babu S Harish	St. Joseph's College of Engineering & Technology Palai	ME	Design and fabrication of gasifier stove	50,000	15,000	25,000	5000	5000	
106	Anup Kumar Prof Dr. Jilse Sebastian (Co-Investigator)	Akshay Oommen Santhosh Bijo George P Aneesh George Jijo Jose	St. Joseph's College of Engineering & Technology Palai	ME	Performance and emission analysis of diesel engine fuelled with blend of biodiesel from waste cooking oil, pyrolysis plastic oil and diesel.	44783	10,000	24,783	5000	5000	

107	Jesna Anver Associate Professor Sara Cherian (Co-Investigator)	Ceira Rahul Murali Ansa N Varkey Varsha Hari	ToC H Institute of Science & Technology	CSE	Sbox-Intelligent automobile blackbox	13,000	3000	7500	500	2000	
108	Surej Rajan C Prof James (Co-Investigator)	Asst Stephy (Co-Investigator) Amalgeeth P M Arundas C Jassir Hussain	ToC H Institute of Science & Technology Ernakulam	ME	Development of fire retardent hydrogels using starch-g-acrylonitrile/polyacrylamide-alginate for fire fighters protective clothing	38124	7624	22900	3800	3800	
109	Dhanya R Assistant Professor. Swathy Satheesh (Co-Investigator)	Malavika Balagopal Nayana John Nimmy Yohannan Sreeparvathy Vinodkumar	TOC H Institute Of Science and Technology.	ECE	AUTOBEE POLLINATOR- Autonomous cross Pollinator for Future Farming.	15,000	3000	5000	2000	5000	
110	Deepthi Thomas (Co-Investigator) Assistant Professor. Annie Paul	Shelsha Shelji Shilpa P S Megha V Kumar Pretty Varghese	TOC H Institute of Science & Technology	ECE	GYRO GLOVE: The Hand Tremor Suppressor	17,000	2000	10,000	2000	3000	
111	Teena George Assistant Professor	Raveena M Shibir Sujith Vishnusree P K Jaseela Subair	Vimal Jyothi Engineering College Kannur	EEE	Virtual eye for blind	28000	6000	15,000	2000	5000	
112	Dr. Glan Devadhas G Professor	Navami Manoharan Harinand K Shahabas P P	Vimal Jyothi Engineering College.	ECE	Disaster Monitoring & Alerting System for Flood & Landslide Prone areas of Kerala state Using SCADA.	14,000	1000	10,000	1000	2000	
113	Neenu Thomas Assistant Professor Dr.Mary P V (Co-Investigator)	Alwin Baby A Anurag N A Jasmin James Jebin V	Vidya Academy of Science & Technology Thrissur	EEE	Automobile black box system	12500	5000	2500	3000	2000	
114	Neena Alex Assistant Professor Jane Maria S (Co-Investigator)	Alwin Eldho Jaison Kuriakose Tinu George Varsha Antony	Viswajyothi College of Engineering Ernakulam	EEE	Eye controled wheelchair	29500	10,000	13,000	2000	4500	