



**VIVEKANANDHA COLLEGE OF ENGINEERING
FOR WOMEN (AUTONOMOUS)**



Elayampalayam, Tiruchengode - 637205.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

STUDENT PROJECTS APPLIED REPORT (2019-2020)

S. No	Name of the Student	Name of the Guide	Name of the Funding Agency	Title of the Proposal	Date of Applied	Status	Proposed Amount in Rs.
1.	Ms.C.Rithika Ms.M.Vishvapriya Ms.R.Sivambika Ms.A.Revathi	Mr.S.Balakrishnan	MSME	Electricity from Dry Leaves	-	Selected	9900
2.	Ms.C.Rithika Ms.M.Vishvapriya Ms.R.Sivambika Ms.M.Narmatha(BT) Ms.P.Pavithra(EEE)	Dr.P.Kannan Mr.S.Balakrishnan	MSME	An integrative process of wastewater treatment with power generation and organic fertilizer production	-	Selected	11,370
3.	Bhuvanasri.M Gowthami.R Hema.K Kankanala Saipriya	Mr.Manikandan	TNSCST	Smart Traffic Light Control System	28.08.2019	Applied	10,000
4.	Gayathri Devi.L Divyajothi.B Brindha.K Kousalya.S	Dr.T.S.Jeyali Laseetha	TNSCST	PC Based Wireless Appliance Control	28.08.2019	Applied	10,000
5.	Kalaichelvi.V Indhumathi.K	Ms. Mariyammal A	TNSCST	Conversion of Audio CD	28.08.2019	Applied	10,000

	Keerthana.R Ramya.N			Player to Video CD Player using Microcontroller			
6.	Babysree.R Janani.G.K Mythily.T.R Mythili.P	Mr.Tamilmani	TNSCST	Automati c Railway Gate Controller	28.08.2019	Applied	10,000
7.	Abina.R Kavibharathy.K Kokila.K Menaka.E	Mr. Ravi.S	TNSCST	Car Parking System using IR Sensor	28.08.2019	Applied	10,000
8.	Keerthana.S Malathi.D Arthika.S Mythily Meenakshi.J	Mr. M.Balasubramani	TNSCST	Automati c Plant Watering System	28.08.2019	Applied	10,000
9.	Janani.S Keertana.R.N Arthi.R Baranika.A	Mr.S.Ramesh.	TNSCST	Solar Charging Handbag	31.08.2019	Applied	10,000
10.	Janani.V Hemavathy.T Gayathri.M Janaki.K	Mr. Thiruppathi M	TNSCST	Bluetoot h Controlled Home Application.	28.08.2019	Applied	10,000
11.	Arthi.T.E Divya.C Jeevitha.P Gayathri.V	Mr. Nagarajan P	TNSCST	Automatic Garbage Collecting System.	28.08.2019	Applied	10,000
12.	Anuja.P Divyaprabha.S	Dr. Jayachitra S	TNSCST	LiFi Technology	28.08.2019	Applied	10,000

	Dharshinipriya.R Karthika.D						
13.	Naganivashini.V Gayathiri.R Janani.S.P Monika.S	Mr.S.Ramesh	TNSCST	Intelligence Ambulance Alert in Traffic System.	31.08.2019	Applied	10,000
14.	Alageshwari.D Anitha.K Abirami.P Elakkiya.T	Mr. Thiruppathi M	TNSCST	Automatic Sambar Making Machine via HMI	31.08.2019	Applied	10,000
15.	Ms.C.Rithika Ms .M.Vishvapriya Ms .R.Sivambika Ms .M.Narmatha (Bio Tech) Ms .P.Pavithra (Eee)	Dr.P.Kannan Mr.S.Balakrishnan	TNSCST	An Integrative Treatment of Wastewater with Power Generation and Organic Fertilizer Production	31.08.2019	Applied	10,000
16.	Ms .V.Thanusha Ms .A.Yokeswari Ms .S.Vinitha Ms .S.Pavithra Ms .P.Yasothe	Mr.Surendar	TNSCST	IoT Based campus management system	31.08.2019	Applied	10,000
17.	Ms J. Preethi Ms G.Nivedhitha Ms .S.Sneha Ms .E.Nivetha Mrs .A.Revathi	Mrs.S.Kokila	TNSCST	Rotating LED Display	31.08.2019	Applied	10,000
18.	Ms .V.Sowmiya Ms .M.Nasriya Ms .S.Ranjani Ms .S.Susmitha Ms .S.Sangeetha	Dr.E.Kamalavathi	TNSCST	Low Cost LPG Leakage Detector	31.08.2019	Applied	10,000

19.	Ms .J.Sasmitha Ms .K.Sayasree Ms .S.Selvaprabha Ms .S.Shalini Ms .V.Swetha	Ms.A.Mariyammal	TNSCST	Coal miner's Safety Monitoring using wireless sensor network	31.08.2019	Applied	10,000
20.	Ms .V.Thanusha Ms .A.Yokeswari Ms .S.Vinitha Ms .S.Pavithra Ms .P.Yasotha	Mr.S.Gnanamurugan	TNSCST	War Field Spying Robot With Night Vision Wireless Camera	31.08.2019	Applied	10,000
21.	Ms .D.Yazhinichellam Ms M.Subalakshmi Ms .K.Sonia Ms .S.Suruthi Ms .S.Ramadevi	Mr.S.Ravi	TNSCST	Automatic Vehicle Turning Indicator	31.08.2019	Applied	10,000
22.	Mrs .C.Vinisha Ms .P.Shanmugapriya Ms .R.Susmitha Ms .S.Shalini Ms .R.Rubasree	Dr.R.Vinothkanna	TNSCST	Mobile Phone Detector Using Op-Amp	31.08.2019	Applied	10,000
23.	Ms .P.Priyanka Ms .B.Sudarvizhi Ms .R.Nivetha Ms .A.Sofhiya	Ms.R.S.Mathu Bala	TNSCST	Theft Detection Using Iot	31.08.2019	Applied	10,000
24.	Ms .R.M.Sri Nivetha Ms .S.Saranya Ms .K.A.Nivetha Ms .S.K.Yashika	Mr. P.Sasikumar	TNSCST	Alcohol Detection And Automatic Engine Locking System	31.08.2019	Applied	10,000
25.	Ms .A.Narmatha Ms .K.Pooja		TNSCST	Smart Elderly care using	31.08.2019	Applied	10,000

	Ms .R.Rathnapriya Ms V.Swetha	Mr.K.Sathishkumar		ZIGBEE Network				
26.	Ms .S.Shobana Ms .A.Vennila Ms J.Nirupama Ms M.Sowmya	Mr.R.Selvaraj	TNSCST	Wireless Charging Of Mobile Phones Using Microwaves	31.08.2019	Applied	10,000	
27.	Ms C.Priya Ms B.Sandhiya Ms A.Nisha	Mr.Tamilmani	TNSCST	Car Parking Using IR Sensor	31.08.2019	Applied	10,000	
28.	Ms C.Rithika Ms M.Vishvapriya Ms R.Sivambika Mrs A.Revathi	Mr.S.Balakrishnan	TNSCST	Plant the Trees and Tap the Electricity	31.08.2019	Applied	10,000	
TOTAL AMOUNT								47,270



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S. No	Name of the Student	Name of the Guide	Name of the Funding Agency	Title of the Proposal	Date of Applied	Status	Proposed Amount in Rs.
1.	Archana.R	Mr.S.Gnanamurugan	TNSCST	Smart Note Taker	30.08.2018	Applied	10,000
	Kaviya.V						
	Mahalakshmi.R						
	Mehavarthini.N.M						
2.	Amsha.D	Mr.P.Nagarajan	TNSCST	Trash Collector From Emitter	30.08.2018	Applied	10,000
	Jayasree.A.M						
	Keerthana.P						
	Abignya.A.R						
3.	Aarthi.P	Mr.V.Karthikeyan	TNSCST	Eco Friendly Plastic Waste Disposal Vendor Machine	30.08.2018	Approved and Completed	7500
	Divya.R						
	Kirubasri.S						
	Mehala.M						
4.	Fhameedha Sulthana.M	Dr.P.T.Kalaivaani	TNSCST	An Autonomous Wireless Body Area Network Implementation Towards Iot Connected Healthcare Applications	30.08.2018	Applied	12,000
	Madhumitha.M						
	Karthiga.R						
	Aatheeswari.M						
5.	Abarna.D	Dr.E.Kamalavathi Mr.M.Gunasekaran	TNSCST	Android Based Industrial Fault Monitoring System	30.08.2018	Applied	10,000
	Monisha.S						
	Bhuvaneshawri.B						
	Moneshwari.M						
6.	Bhuvaneshwari.A		TNSCST	Wrist Band Trolley Controller	30.08.2018	Applied	10,000
	Deepti						
	Edupalli Baby Divya						
	Kiruthika.G						
7.	Gokila Priva.S	Dr.S.Ilavachitra	TNSCST	Piezo Electric Harvesting -	30.08.2018	Applied	10,000

	Hemasruthi.P Monika.T Abirami.R			A Sustainable Approach To Clean Energy Generation In Airport Terminals			
8.	Hemalatha.D Gowselya.D Keerthana.R(25.02.1998) Alisha Sherina.W	Mr.M.Thiruppathi	TNSCST	Vibration Harvesting In Railway Tunnel	30.08.2018	Applied	8000
9.	Anjugam.E Anushiya Devi.K Deviga.M Gayathri.N	Mr.S.Ravi	TNSCST	The System To Detect The Human Beings Buried Under The Earth Quake Rubble	30.08.2018	Applied	9000
10.	Kavinilavu.K.S Keerthana.R Madhumitha.V Monisha.K	Mr.S.Manikandan	TNSCST	Wireless Home Automation Using Iot	30.08.2018	Applied	11000
11.	Anitha.P Elakkiya.K Baby.B Ishwarya Meenakshi.S Archana.C	Mr.G.Ravikumar	TNSCST	Design & Development Of Security Based Voting System For Government	30.08.2018	Applied	10000
12	Elakkiya.P Gowri.G Abinaya.V Harshitha.B Indhu.N	Mr.R.Selvaraj	TNSCST	Argo's Sea - Water Treatment Using Microwave Irradiation Technology	30.08.2018	Approved and Completed	7500

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13	Sowndarya.R	Mr.S.Gnanamurugan	TNSCST	Design of broadband multistripped patch antenna for GSM application	30.08.2018	Applied	8000
	Vinu Nivethitha.R						
	Swaathi.K.P						
	Pounisa.G						
14	Yamini.M	Ms.R.S.Mathubala	TNSCST	Automated Unmanned Railway Level Crossing System	30.08.2018	Applied	9000
	Rajalakshmi.R						
	Shalini.P						
	Vimala.M						
15	Reena.N	Ms.A.Mariyammal	TNSCST	IoT based water quality monitoring system	30.08.2018	Applied	11000
	Tamilselvi.N						
	Srimathi.G						
	Uma Mageswari.S						
16	Rajprabha.J	Mr.P.Sasikumar	TNSCST	Piezo-Bike	30.08.2018	Applied	10000
	Sangavi.N						
	Malarvizhi.G						
	Sountharyabanu.A						
17	Nithya.S	Ms.M.Hemalatha	TNSCST	Human Life Prevention From Shock Hazards	30.08.2018	Applied	7500
	Nivedha Varthini.P						
	Sangeetha.S						
	Roshini.P						
18	Priyanka.K	Mr.M.Balasubramani	TNSCST	Sea Scanner using wireless senses Network for Defense and fisheries	30.08.2018	Applied	10,000
	Ranjani Priyaa.R						
	Roshini.S						
	Nivetha.M						
	Pavitha.V.P						
19	Nivetha.P	Mr.R.Prabhakar	TNSCST	Touch Less Touch Screen Technology	30.08.2018	Applied	9000
	Rajalakshmi.A						
	Rathna.M						
	Sangavi.K						

20	Sowndaryaa.K	Mr.S.Balakrishnan	TNSCST	Flexible & Stretchable power sources for wearable electronics	30.08.2018	Applied	11000
	Priyadharshini.T						
	Sowmiya.A						
	Priyanka.M						
21	Reenu.R	Mrs.S.Kokila	TNSCST	Talk and Charge	30.08.2018	Applied	10000
	Sripriya.M						
	Suchithra.K						
	Vaishnavi.R						
22	Saranya.S	Dr.D.Sasikala	TNSCST	Pollution less cities using pollution free vehicles	30.08.2018	Applied	8000
	Sudharshana.S						
	Ranjitha.S						
	Srileka.R						
TOTAL AMOUNT						20 9500	

R&D COORDINATOR

HOD/ECE