

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY, TIRUCHENGODE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INDIA SKILLS 2021 - COMPETITION

Academic Year : 2020 - 2021

Semester : Even

Batch : 2017 - 2021

S. No.	Title of the Project	Name of the Student	Name of the Guide	Area of Specialization	Title of the Project Contest
1.	Automatic Water Management System For Residential And Industrial Purpose Using LoRaWAN	Dinnesh P Hemaharini S Janarth S Muthulakshmi S	Mr.M.V.Mahesh	IoT	Indiaskills 2021 – India’s Largest Skill Competition
2.	Smart Shoe	Kamaleshwaran R Kishore D Karthika C Manjula T	Dr. R. Nandakumar	IoT	Indiaskills 2021 – India’s Largest Skill Competition
3	Smart Gate Value Controller for Agriculture using IoT	Hariharasudhan R Gokulnath N Manimala R Harishkumar R	Mr.M.V.Mahesh	Agri IoT	Indiaskills 2021 – India’s Largest Skill Competition



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Tiruchengode – 637215

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TI CONTEST

S. No	Name of the Project/ Endowments, Chairs	Name Of The Principal Investigator / Co Investigator	Name of the Students	Amount Sanctioned (Rs.)	Duration of the project
1	Luminous control	Mr.P.Prem Kumar	R.Kamaleshwaran C.Madhangopal N.Keethivasan D.Kishore S.Keerthana C.Karthika	14000	6 Months
2	Water Measuring Meter in Huge Apartments	Dr.W.Deva Priya	S.Hemaharaini S.Muthulakshmi S.Janarth P.Dinnesh V.Booma G.Geetharani	14000	6 Months
3	Lane Departure Warning System	Dr.W.Deva Priya	S.Nivetha P.Priyadharshini G.Santhia P.Alka	14000	6 Months
4	HD Mobile Projector	Ms.P.Saranya	K.Manoj Kumar J.Dhivya Dharani V.Manoj Aravind M.Bharath Kumar	13000	8 Months
5	Vehicle Driver Assistance System Using MSP430 Controller	Mr.R.Nandakumar	V.Naaga Naveen Kumar R.Jothiprakash S.Kathires V.Manoj Arvind	13000	8 Months

S. No	Name of the Project/ Endowments, Chairs	Name Of The Principal Investigator / Co Investigator	Name of the Students	Amount Sanctioned (Rs.)	Duration of the project
6	Embedded Based Bridge Structure Health Monitoring Using MSP430	Mr.A.Prabhakaran	Nandhini T.Oviya A.Nivetha R.Nandhini	13000	8 Months
7	IOT and Solar Powered GIS for Waste Disposal in Urban Scenarios	Mrs.W.Deva Priya	P.Punithavalli V.Shrinithi N.Priyadharshini K.Roomathi	13000	8 Months
8	Wireless Based Military Spying & Bomb Disposal Robot Using MSP430	Mrs.P.Vidhya	M.Logesh Kumar E.Mahaboof Sherif M.Krishna T.Janani	13000	8 Months
9	Automatic Plant Disease Prediction Using MSP430 & RGB Sensor	Mr.A.Prabhakaran	N.J.Elizabeth R.Janani V.Suriya R.Kanmani	13000	8 Months
10	Intelligent Surveillance System Using MSP 430	Mr.A.Prabhakaran	S.Thirumurugan L.Rubesh A.Prabhakaran	13000	8 Months
11	Automized Novel Method for Irrigation With Minimum Water Utility	Mr K.R.Gokulanand	M.Hemavarthini S.Keerthana	13000	8 Months
12	Automated Patient Health Checking System	Mr.V.Arun	K.Arthi S.K.Arun C.Deepak Raju	13000	8 Months



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TNSI CONTEST

S. No	Name of the Project/ Endowments, Chairs	Name Of The Principal Investigator / Co Investigator	Name of the Students	Amount Sanctioned (Rs.)	Duration of the project
1	Autonomous Drip Irrigation with an Electronic Softener	Mr.M.V.Mahesh	Hari Hara Sudhan R Kamalini N Manimala R	1,00,000	10 Months

TNSCST CONTEST

S. No	Name of the Project/ Endowments, Chairs	Name Of The Principal Investigator / Co Investigator	Name of the Students	Amount Sanctioned (Rs.)	Duration of the project
1	LoRa based Wireless Weather Station Monitoring	Mr.P.Govindaraju	G.Ranjith P.Joy princy J.Dhivin Rithik	7500	8 Months
2	Soldier Navigation and Health Tracking system using Arduino	Mr.A.Ravi	S.Keerthana K.Nivedha C.Nivedhan Raj C.Selvarakesh Kumar	7500	8 Months
3	Embedded System based Smart Safety Swimming Pool	Mr.S.Karthik	D.Vimala S.Yuva Raja K.Jotheeswaran N.Yogaraj	3500	8 Months