

**R & D**

**Intellectual Property Rights**

S.No	Faculty Name	Faculty Designation	Title	Application Number	Year
1	Dr.V.Nagaraju	Prof. & Head	Smart ATM Using AI and IOT Technology	202041048	13.11.2020
2	Mr.K.Senthil Kumar	Associate Professor	An IOT Based Pollution Control And Safety For Compressed Natural Gas Fuel Based Vehicles	202041044694 A	30.10.2020
3	Dr.M.Malathi	Associate Professor	Automatic Epidural Regulator	202041044321 A	16.10.2020
4	Dr.A.K.Gnanasekar	Professor	Secured Intelligent Vehicular Systems Using Wireless Sensor Networks	202041034715 A	04.09.2020
5	Dr.T.M.Amirthalakshmi	Assistant Professor	Artificial Intelligence in Modern Large Power System Applications	202041036218 A	04.09.2020
6	Dr.I.Chandra	Professor	Scheduling Based Qos Enhancement In Heterogenous Network Using 3GPP	202041009651 A	24.07.2020
7	Dr. A.K.Gnanasekar	Professor	Multi Purpose Surveillance Based On Radar System With Camera Using Embedded	202041031869 A	21.08.2020
8	Dr.V.Nagaraju	Prof.& Head	Smart Cost Sanitizer Spray Machine	202041022832 A	12.06.2020
9	Dr.V.Nagaraju	Prof.& Head	IOT Integrated Solar Based Smart Irrigation System	202041005568	08.02.2020



**Sponsored Research**

S.No	Name of the faculty	Faculty Designation	Project Title	Project Type	Funding/Agency	Amount	Year
				Research/Consultancy			
1	Mr.Rahul Krishnan	Assistant Professor	Bio inspired antenna for pulmonary activity monitoring	Research	Tamil nadu State Council for Science and Technology (TNSCST)	4,000	2019-2020
2	Dr.V.Nagaraju	Professor	mm Wave Antenna Design for Biomedical Application	Research	AICTE	3,39,333	2019-2020
3	Dr.R.Rajeswari	Professor	Smart accident tracking and assistive system	Research	IEEE-Student Project Funding	5000	2018 - 2019
4	Dr.G.R.Suresh	Professor	ICMR Sponsored Two days National Seminar on Research Acumens in Machine Learning Algorithms for Bioinformatics Application”	Research	ICMR	40,000	2018-2019
5	Dr.C.Chellamy	Associate Professor	Implementation Of Rail Track Condition Monitoring and Ubiquitous Knowledge Based On IOT	Research	IEI – R&D	7,000	2017-2018

**Consultancy**

<b>S.No</b>	<b>Name of the Investigator</b>	<b>Project Title</b>	<b>Funding Agency</b>	<b>Amount(in INR)</b>	<b>Duration</b>	<b>Academic Year</b>
<b>1</b>	Mr.K.Senthilkumar Ms.Subashini Mr.M.Vengadapathiraj	Inspection system add-on to support 8/16-hole brake piston (4 Models)	Super Auto Forge	200,000	6 months	2019-2020
<b>2</b>	Dr.R.Rajeswari Ms.Jayamani Ms.Sheela Mr.Sivakumar	MVS for A20 Stayrod	Harita Fehrer Limited	425,000	6 months	2019-2020
<b>3</b>	Dr.G.Nirmala Priya Mr.Saravanan Mr.U.Maheswaran Ms.C.Malarvizhi	Vision based Inspection system maintenance - 4 - units	Super Auto Forge	120,000	12 months	2019-2020
<b>4</b>	Dr.V.Nagaraju Mr.L.FranklinTelfer	Design of high efficient rectenna antenna for energy harvesting using HSMS 8202 Schottky diode using ADS Software for miniature product development	Tesla Minds Pvt. Ltd.	30,000	1 Year	2018 - 2019
<b>5</b>	Mr.L.FranklinTelfer	Study and design of LISN for CISPER-22 standard EMI/ EMC certification	Tesla Minds Pvt. Ltd.	6000	1 Year	2018 – 2019
<b>6</b>	Dr.R.Preetha Mr.S.Rajalingam Ms.R.Uma Maheswari	Vision based Inspection system maintenance - 4 - units	Super Auto Forge	120,000	1 Year	2018-2019

<b>7</b>	Dr.R.Preetha Ms.S.Vanaja Ms.V.Chinnammal	Service charges - Teeth count and camera tuning	Iljin Automotive Pvt Ltd	10,620	1 month	2018-2019
<b>8</b>	Mr.Rahul Krishnan Mr.K.Senthil Kumar Mr.A.Karunakaran Ms.Sruthi Ramachandran	Vision based Inspection system maintenance - 4 - units	Super Auto Forge	120,000	1 Year	2017-2018
<b>9</b>	Dr.C.Chellasamy Mr.R.Ganeshbabu Ms.Nami Susan Kurian	Vision System for BRG assembly A Line	Iljin Automotive Pvt Ltd	2,50,000	6 months	2016-2017
<b>10</b>	Mr.T.K.Senthil kumar Dr.G.R.Suresh Mr.S.Duraichamy	MV system with PLC & programming	Super Auto Forge - Kolappakkam	2,25,000	4 months	2016-2017