



CRITERION 3 Research, Innovations and Extension	3.2 Resource Mobilization for Research
3.2.2 Percentage of teachers having research projects during the last five years	

Names of teachers having research projects (2021-2022)

Sl.No	Title of the Project	Name of the Principal Investigator/ Co Investigator	Name of the Funding Agency	Link to the Grant letter
1	Automated Bagging Machine for the Oyster Mushroom Cultivation	Dr.S Siva Ranjani	Ministry of Micro, Small & Medium Enterprises	
2	Bionic Arm for Amputees	Dr.A.Senthil Kumar Dr.R.Tamilselvi Dr.M.Parisa Behum	Ministry of Micro, Small & Medium Enterprises	
3	Tyre Pressure Regulator	J. Vairamuthu, Dr.R. Tamilselvi	Ministry of Micro, Small & Medium Enterprises	
4	Improved Odourless Napkin Disposal Machine	Dr.R.Tamilselvi, Dr.M.Parisa Behum	Ministry of Micro, Small & Medium Enterprises	
5	Accurate classification and detection of Osteoarthritis in Knees using thermal images	Dr.R.Tamilselvi, Dr.M.Parisa Behum, Mrs.M.Uma Maheshwari	Ministry of Micro, Small & Medium Enterprises	
6	Smart Assistive Robot for Hearing Impaired Children	Dr.V.Akilandeswari	Ministry of Micro, Small & Medium Enterprises	
7	Live wire current detector from 2-5 meters(LTLC Detector)	Mrs.P.Meenalochini, Mrs.V.S.Chitra	Ministry of Micro, Small & Medium Enterprises	
8	Biopolymer for Eco friendly Bags	Dr.M.Sheik Dawood, Ms.Devika	Ministry of Micro, Small & Medium Enterprises	



Names of teachers having research projects (2020-2021)				
Sl.No	Title of the Project	Name of the Principal Investigator/ Co Investigator	Name of the Funding Agency	Link to the Grant letter
1	Non Invasive Fetal Stress monitoring Device	Dr.R.Tamilselvi	DST-Science for Equity, Empowerment and Development Division	
2	Non Invasive Fetal Stress monitoring Device- WEECARE	Dr.R.Tamilselvi, Dr.M.Parisa Behum	Entrepreneurship Development and innovation institute	
3	Prosthetic arm for amputees.	Dr.R.Tamilselvi, Dr.M.Parisa Behum	Entrepreneurship Development and innovation institute	
4	Experimental Investigation on Mosambi peel powder Poly vinyl alcohol composites film for eco friendly Packaging applications	Dr.V.Vignesh Dr.B.Mohamed rabi	Tamil Nadu State Council for Science and Technology	
5	Wearable Prenatal Monitoring Device	Dr.R.Tamilselvi, Dr.M.Parisa Behum	H-Social contest by Hyundai India Pvt ltd.	



Names of teachers having research projects (2019-2020)

Sl.No	Title of the Project	Name of the Principal Investigator/ Co Investigator	Name of the Funding Agency	Link to the Grant letter
1	Remote sensing of farms using agriculture IoT Devices	Dr.A.Yasodai, Dr.S.Mohaideen Abdul Kadhar	IEI R&D	
2	IoT Based Rotary Drum Composting System with Solar Heating	Dr.C.Mekala	H-Social contest by Hyundai India Pvt ltd.	



Names of teachers having research projects (2018-2019)

Sl.No	Title of the Project	Name of the Principal Investigator/ Co Investigator	Name of the Funding Agency	Link to the Grant letter
1	OsteoCheX-A handheld device to measure bone density from X-ray images	Dr.R.Tamilselvi Dr.M.Parisa Beham	DST-Lockheed Martin-Tata Trusts	
2	Accurate Classification and Detection of Brain Cancer Cells in MRI And CT Images Using Nanocontrast Agents	Dr.R.Tamilselvi Dr.M.Parisa Beham	Institution of Engineers (India) – IEI	



Name of teachers having research projects (2017-2018)

Sl.No	Title of the Project	Name of the Principal Investigator/ Co Investigator	Name of the Funding Agency	Link to the Grant letter
1	Recognition and characterization of solar cell defects using Thermography imaging techniques	Dr.A.Srinivasan	DST-SERI DST/TMD/SERI/S83(G)	
2	Modelling of nonlinear convection diffusion processes in hydrodynamic electrodes	Dr.L.Rajendran Dr.P.G.Jansirani	DST-SERB	
3	Investigations on graphene modified metal oxide thin films for solar selective absorber	Dr. S. Karthick Kumar	SERB	
4	Development of Low Cost Roofing Elements for Rural Housing using Geopolymer Composites	Dr.K.Vijai	MRP-6993/16 (SERO/UGC)	
5	Cement free paver blocks using fly ash based geopolymer Composites	Dr.R.Kumutha	UGC MRP	



6	Design & Development of Compact Electric Drive for Various Applications	Mr.V.Kannan	ARMREB ARM(RD- 17/2035/1008/D(R&D)	