



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
Link to the Funding Agency

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 Funding Agency
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	Improvised 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 Funding Agency
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 Beham	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 Funding Agency
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 Funding Agency
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.N o	Title of the Project	Name of the Principal Investigator/ Co Investigator	Name of the Funding Agency	Link to the Funding Agency
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	SERB	
3	Synthesis and characterization of polymer blended lanthanides	Dr.K.Sakthipandi	DST-SERB	
4	Investigations on graphene modified metal oxide thin films for solar selective absorber	Dr. S. Karthick Kumar	SERB	



5	Development of Low Cost Roofing Elements for Rural Housing using Geopolymer Composites	Dr.K.Vijai	MRP-6993/16 (SERO/UGC)	
6	Cement free paver blocks using fly ash based geopolymer Composites	Dr.R.Kumutha	UGC MRP	
7	Design & Development of Compact Electric Drive for Various Applications	Mr.V.Kannan	ARMREB ARM(RD-17/2035/1008 /D(R&D)	