

3.1.2 The institution provides seed money to its teachers for research

Name of the teacher provided with seed money	Title of the Project	Duration	Date of grant DD-MM-	Amount granted (INR in Lakhs)
2023-2024				
Dr.A.Saravanan	Real Time Exam Supervision System using Deep Learning Techniques	1 Year	07.08.2023	120000
Dr.D.SudhaDevi/Dr.M.Sujithra/ Dr.P.Velvadivu	Federated Learning for Effective Mental Stress Management of Working Women in the Educational Institutions	1 Year	07.08.2023	120000
Dr.P.Aruna/Dr.N.Priya	Predicting Academic Success of a Student in Educational Institution	1 Year	07.08.2023	120000
Dr.D.Kavitha	Finger-tip Haptics for Braille and Tactile Feature Generation Using Electropneumatic Interface as a Wearable Device for Visually Impaired Students	1 Year	07.08.2023	150000
Dr.B.Gayathri	Development of Nanohydroxyapatite from Edible Waste for Potential Biomedical Applications	1 Year	07.08.2023	150000
Dr.R.Azarudeen	Fabrication of Gold Nanoparticles Incorporated Nanofiber Scaffolds:A Promising Regenerated Approach for Bone Tissue Engineering Application	1 Year	07.08.2023	100000
Dr.M.Sangeetha	AD-SP Device for Visually Impaired	1 Year	07.08.2023	100000
Dr.J.Devishree/Ms.A.Priyadharshini	Design and Development of Improved Power Quality Convertors	1 Year	07.08.2023	100000

Mr.M.Karthikeyan	Feasibility of Inconel-Aluminium Disimilar Welding by Modified MIG and Friction stir Welding Processes	1 Year	07.08.2023	100000
Dr.C.Balaji Ayyanar	Characterisation and Evaluation of In vitro Wound Healing of the Plant Extracts Loaded Biomembrane	1 Year	07.08.2023	100000
Dr.M.P.Muthuraj/Dr.S.Brindha/Dr.K.Nithyapriya/Dr.K.V.Hemalatha/Mr.D.Arul/Mrs.	A Pilot Study on Non -Shrinkable Chemical Grouting Material for Fractured Structure	1 Year	07.08.2023	100000
Dr.V.G.Kalpana	Influence of Geopolymer Ash Fine Aggregate as a River Sand Replacement Material on the Mechanical and Durability Properties of Cement Mortar and Concrete	1 Year	07.08.2023	150000
Dr.M.Poongothai	Show My Spot:IoT Based Car Parking System using LoRaWAN Technology for CIT Campus	1 Year	28.03.2023	250981
Mechanical Engineering	Establishment of Finite Element Analysis Laboratory	1 Year	12.09.2023	2300000
2022-2023				
NIL				
2021-2022				

NIL

2020-2021

Dr. R. Saraswathi	The Treatment with Optimization of Printing Process Generated Waste Water from a Newly Developed Sono -Assisted Electrochemical Reactor	1 Year	31.3.2021	100000
Mr.K.Karthik	Experimental Investigation of Dissimilar Metal Weld Joints using GTAW Process	1 Year	31.3.2021	100000
Dr.S.Geetha	Object Detection and Tracking using Error Tolerant Hardware	1 Year	31.3.2021	100000
Dr.B.Premalatha & Ms.Cynthia Joseph	Compressive Sensing based Real time Multimodal Emotion Recognition System	1 Year	31.3.2021	100000
Dr.M.Mohanapriya	Smart Chair for Correct Sitting Posture using IOT	1 Year	31.3.2021	100000
Dr.E.Arul	DIGI Security for ICT Enabled System	1 Year	31.3.2021	100000
Dr. P. Sivakumar	Recovery of Precious Metals from Electronic Waste by a Porous Porphyrin Polymer	1 Year	31.3.2021	100000

Dr.C.Stanly Felix	Design and Development of IoT Based Energy Efficient Economically Viable Chicken Egg Incubator Model and its Performance Analysis	1 Year	31.3.2021	100000
2019-2020				
Mr.M.Gowri shankar	Development of Sustainable Building Blocks in Housing Construction for Low Income People	1 Year	07.08.2019	125000
Dr.V.G.Kalpana	Parametric Study on Thermal Efficiency and Seismic Response of Composite Insulated Precast Concrete Sandwich Wall Panel Buildings	1 Year	07.08.2019	125000
Dr.S.Suja	Design and Analysis of Cost Effective Electric Vehicle Charging Station	1 Year	07.08.2019	125000
Dr.M.Poongothai & Ms.S.Dhanalakshmi	IoT Based Indoor Air Quality (IAQ) Monitoring and Controlling System for CIT Campus	1 Year	07.08.2019	125000
Dr.P.Suresh	Synthesis and Characterization of Hetero-Structured Powder Catalyst for Photo-Catalytic Application	1 Year	07.08.2019	1250000
Dr.C.P.Yoganand	Fabrication of Nanocarbon Based Medical Cotton Fabrics by Plasma Impregnation Technique for Wound Healing and Anti-Cancerous Applications	1 Year	07.08.2019	125000
B.Gayathri	Novel Bone Mimetic Scaffold Composed of Polyactic Acid Hydroxyapatite Zeolite Biomaterial-Finding the Route of Mechanism	1 Year	07.08.2019	125000

