



SETHU INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

RESEARCH DETAILS

Academic Year	Total Funds
2023-2024	Rs.17,00,000/-
2022-2023	Rs.5,12,000/-
2021-2022	Rs.10,75,000/-

Academic Year 2023-2024

S.No.	Title of the Project	Name of the Principal Investigator / Co-Investigator (if applicable)	Name of the Funding agency	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1.	Design and Implementation of AI based Automatic Breast Cancer Detector	Dr.G.Narmadha Dr.G.Soundra devi	MSME 3.0	2024	10,00,000	2023-2024
2.	Preparation and Implementation of Low cost and No cost initiatives in Gram panchayat development plan	Dr.G.Soundra devi Dr.B.Karthikeyan Mr.S.Kannadhasan	SIRD	2024	5,00,000	2023-2024
3.	Design and Implementation of IOT based Smart Bin for Organic Fertilizer generation	Dr.G.Soundradevi Dr.G.Narmadha Dr.P.Meenalochini	UBA	2023	1,00,000	2023-2024
4.	Efficient Solar dryer for Farmers	Dr.G.Soundradevi Dr.J.Jeyashanthi Dr.P.Meenalochini	UBA	2023	1,00,000	2023-2024
5.	Food packaging material from rice husk	Dr.B.Meenakshi Sundaram	MSME 2.0	2023	12,75,000	2023-2024
6.	Accident Alerting system	Dr.G.Narmadha Dr.G.Soundra devi Dr.P.Meenalochini	MSME 2.0	2023	11,00,000	2023-2024
Total Fund					Rs. 40,75,000/-	

Academic Year 2022-2023

	Title of the Project	Name of the Principal Investigator / Co-Investigator (if applicable)	Name of the Funding agency	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1.	Noninvasive Glucometer	Dr.S.Vijayarajan Dr.V.Vaishnavi	EDII	2022	2,51,000	2022-2023
2.	Non Invasive Neonatal Health monitoring device	Dr.V.Vaishnavi & Dr.S.Vijayarajan	EDII	2022	2,61,000	2022-2023
Total Fund					Rs. 5,12,000/-	

Academic Year 2021-2022

Title of the Project	Name of the Principal Investigator / Co-Investigator (if applicable)	Name of the Funding agency	Year of Award	Funds provided (INR in lakhs)	Duration of the project
LTLC Detector	Dr.P.Meenalochini Dr.G.Soundra devi	MSME 1.0	2022	10,75,000	2021-2022
Total Fund					Rs. 10,75,000/-

Completed

	Title of the Project	Name of the Principal Investigator / Co-Investigator (if applicable)	Name of the Funding agency	Funds provided (INR in lakhs)	Duration of the project
1.	Recognition and Characterization of Solar cell defects using Combined Thermography Image and Reconfiguration Scheme	Dr.A.Srinivasan Dr.B.Meenakshi Sundaram	DST-SERI	4029300	2017-2020
2.	Design and Development of compact Electric drive for various applications	Dr.Santhi Mr.V.Kannan Ms.C.Sonia	DRDO	1646000	2017-2020
Total Fund				Rs.56,75,300/-	