

SPONSORED PROJECT DETAILS**ACADEMIC YEAR 2025-2026**

S.No	Name of the Student	Name of the Mentors / Knowledge partner	Funding Agency	Title of the project	Amount
1.	Dr.R.Tamilselvi	Dr.M.Parisa Beham	TIDCO	DUOCARE – AI Enabled Wearable Device for Real-Time Maternal & Fetal Health Monitoring	32,00,000
2.	S Arockia Jose	Dr.M.Pandimadevi	EDII-IVP	SCAREBOT – A Solar-powered smart scarecrow for Advanced Crop protection	2,50,000
3.	N. Vijay R. Sugavanam S Theenadhayalan	Mrs.S.Ramya Dr.R.Tamilselvi	EDII-IVP	Gasecure- Manhole Gas Monitoring Device.	3,00,000
4.	M.Santhoshraj	Dr.J.Rajalakshmi	EDII-IVP	Creovate – Chicken Egg Hatcher Incubator IoT Innovationfor Rural hatcheries	3,00,000
Total					Rs.40,50,000

ACADEMIC YEAR 2024-2025

S.No	Name of the Applicant	Name of the Mentors / Knowledge partner	Funding Agency	Title of the project	Amount
1.	Dr.T.Ruba	Mrs.M.Uma Maheswari	AICTE & Ministry of Education	IoT based Smart Tomato storage system	90,000
2.	Ms.J.Judith	Dr.R.Tamilselvi Dr.M.Parisa Beham	EDII –IVP	INHALA-Smart Lungcare	2,50,000
3.	Mrs.S.Ramya	Dr.R.Tamilselvi Dr.M.Parisa Beham	EDII –IVP	Detection of contamination in dairy products	2,50,000
4.	Mrs.K.Shanmugapriya	Dr.R.Tamilselvi Dr.M.Parisa Beham	EDII –IVP	Prosthetic Arm	5,00,000
5.	Mrs.T.Ruba	Dr.R.Tamilselvi Dr.M.Parisa Beham	EDII –IVP	Smart Shoe	2,50,000
6.	Dr.R.Tamilselvi	Dr.M.Parisa Beham Ms.K.Shanmugapriya	EDII –IVP	WEE CARE	6,41,200
7.	K.Vignesh Pandian G.S.Sri Vishnu Mathavan	Ms.K.Shanmugapriya Dr.R.Tamilselvi	EDII –IVP	Smart poultry system	3,00,000
8.	Dr.R.Tamilselvi	Ms.K.Shanmugapriya	IIT Palakkad Technology IHub Foundation	Duocare-Transformative prenatal care solution	10,00,000
9.	Dr.R.Tamilselvi	Dr.M.Parisa Beham Ms.K.Shanmugapriya	TBI-Thrissur	DUOCARE	1,00,000
10.	Ms.M.Gayathri	Dr.R.Tamilselvi Dr.M.Parisa Beham	UBA	ECOPALM	1,00,000
11.	Dr.R.Tamilselvi	Dr.M.Parisa Beham	Pune Agri Hackathon	AAMGO	7,50,000
12.	Dr.M.Padimadevi	-	DRDO	IoMT and 5G: Enabling Next-Generation Military operations	1,00,000

13.	Mr.Venkatesh Prasath	Dr.R.Tamilselvi Dr.M.Parisa Beham	MSME 4.0	Advanced wound care treatment accessible to everyone - through a cost - effective NPWT solution made in India	15,00,000
14.	Dr.T.Ruba	Dr.R.Tamilselvi Dr.M.Parisa Beham	MSME 4.0	SHE A Multifunctional Smart Shoe for Women Safety and Health	7,50,000
15.	Mrs.M.Uma Maheshwari	Dr.R.Tamilselvi Dr.M.Parisa Beham	MSME 4.0	Development of Low - Cost Portable BMD Devices for Early Detection and Management of Osteoporosis	15,00,000
16.	C.I.Sangar	Dr.M.Parisa Beham Mr.A.Nagaraj	MSME 4.0	A Smart Diabetic shoe for Early Prediction of Foot Ulcer	8,50,000
17.	Sriram V Sanjay C	Dr.T.Ruba	Niral Thiruvizha 2.0	Smart poultry system	10,000
18.	Vishnu R Dinesh S	Dr.T.Ruba	Niral Thiruvizha 2.0	Smart irrigation system	10,000
19.	Sarathi K	Mr.A.Nagaraj	Niral Thiruvizha 2.0	Leaf disease detection in paddy crops	10,000
20.	Ponraj M Reyas Mohamed M Shakthi R	Ms.M.Uma Maheshwari	Niral Thiruvizha 2.0	AI-Driven Monitoring System for Wildlife Detection and Deterrence	10,000
Total					Rs. 89,71,200,

2023-2024

S. No	Name of the Applicant	Name of the Mentors / Knowledge partner	Funding Agency	Title of the project	Amount
1	Dr.R.Tamilselvi Dr.V.Gopi	-	DST SEED-STW	Ultrasound based low cost Belt for the detection of Osteoporosis in Postmenopausal women	25.21 lakhs
2	Dr.R.Tamilselvi	Dr.M.Parisa Beham	CCS NIAM (An Organization of Ministry of Agriculture & Farmers Welfare, Govt,India)	IoT Device for Early Detection of Disease in Mango	5 lakhs
3	Ms.Poojavarshini	Dr.R.Tamilselvi Dr.M.Parisa Beham Ms.T.Ruba	EDII	Portable Kashaya Making Machine	2.5 lakhs
4	Dr.R.Tamilselvi	Dr.M.Parisa Beham Mr.A.Nagaraj	MMU ResearchGrant	COMATCARE: Development of BCI system for Electro Physiological analysis of agony and consciousnessin Comatose	4.14 lakhs
5	Dr.M.Parisa Beham	Dr.R.Tamilselvi Ms.T.Ruba	MMU ResearchGrant	Amnisen: A noveldevice to check amniotic fluid	4.14 lakhs

6	Dr.R.Tamilselvi	-	Nidhi Prayas	Thaisei care	10 lakhs
7	Mr.S.M.Seeni Mohamed Aliar Maraikkayar Ms.Kasthuri	Dr.R.Tamilselvi Dr.M.Parisa Beham	MSME 2.0	Femcare Wearable prenatal monitoring Device	15 lakhs
Total					65.99 lakhs

2022-2023

S. No	Name of the Applicant	Name of the Mentors/ Knowledge partner	Funding Agency	Title of the project	Amount
1	Mrs.A.Sabah Afroze	Dr.R.Tamilselvi Dr.M.Parisa Beham,	MSME	Odor less Napkin Disposal Machine	15 Lakhs
2	Mrs.A.Sabah Afroze	Dr.M.Parisa Beham Dr.R.Tamilselvi,	MSME	Detection of Osteoarthritis in Knees using thermal images	15 Lakhs
3	Mr.S.M.Seeni Mohamed Aliar Maraikkayar	Dr.R.Tamilselvi Dr.M.Parisa Beham,	MSME	Bionic Arm for Amputees	15 Lakhs
4	Mr.Venkat	Dr.R.Tamilselvi Dr.J.Vairamuthu	MSME	Tyre Pressure Regulator	15 Lakhs
5	Ms.Brindha	Dr.M.Sheik Dawood Ms.Devika	MSME	Biopolymer For Ecofriendly Bags	11 lakhs

6	Dr.R.Tamilselvi Dr.M. Parisa Beham Mr.A.Nagaraj	–	Unnat Bharat Abhiyan (UBA)	Greywater recycling system design and economical analysis for residences in kariapatti village	1 lakh
7	Ms.Veroni Divya	Dr.M.Parisa Beham Dr.R.Tamilselvi Mr.S.Arun Inigo	EDII	Garbo: An Automated Detacher of water Hyacinth and Floating trashes	2 Lakhs
8	Dr.R.Tamilselvi	Dr.M.Parisa Beham	EDII	Osteochex: A low cost Portable BMD Device	2 Lakhs
9	Dr.R.Tamilselvi	Dr.M. Parisa Beham Mr.A.Nagaraj	EDII	Malgo- A Thermo based device for weevil detection in mango	2.5 lakhs
10	Ms.N.Swetha	Dr.R.Tamilselvi Dr.M.Parisa Beham Mr.A.Nagaraj	EDII	IoT based Air quality Monitoring device	2 lakhs
11	Ms.T.Ruba	Dr.R.Tamilselvi Dr.M.Parisa Beham	EDII	IoT Enabled Smart Aquaculture System	2 Lakhs
12	Ms.Shanumgapiya	Dr.R.Tamilselvi Dr.M.Parisa Beham	EDII	Amnisen: A novel device for Amniotic fluid measurements in womb	2.5 lakhs
13	Ms.Judith	Dr.R.Tamilselvi Dr.M.Parisa Beham	EDII	Dew point based supply management in atmospheric water generator	2.4 lakhs

14	Ms.Vijayameenakshi	Dr.R.Tamilselvi Dr.M.Parisa Beham Ms.Ramya	EDII	Rapid Invasive bacteria detection	2.5 lakhs
15	Mr.Manobala Mr.Manoj	Dr.R.Tamilselvi Dr.M. Parisa Beham	Hyundai: H-Social Creator Award	Wearable prenatal Monitoring Device	15 lakhs
16	Dr.M.Parisa Beham	-	CCS NIAM (An Organiz ation of Ministry of Agricult ure & Farmers Welfare , Govt,In dia)	Development of Smart Device to Detect Cotton Leaf Disease at an Early stage Sanction Order	25 lakhs
Total					129.9 lakhs

2021-2022

S. N o	Name of the Applicant	Name of the Mentors / Knowledge Partner	Funding Agency	Title of the project	Amount
1	Dr.R.Tamilselvi Dr.M.Parisa Beham	-	DST	Non invasive fetalstress monitoring device	21.6 Lakhs

2	Mr.S.M.Seeni Mohamed Aliar Maraikkayar	Dr.M.Parisa Beham & Dr.R.Tamilselvi	EDII	Non invasive fetalStress Monitoring device: Weecare	2 Lakhs
3	Mr.S.M.Seeni Mohamed Aliar Maraikkayar	Dr.M.Parisa Beham & Dr.R.Tamilselvi	EDII	Prosthetic Arm for Amputees	2 Lakhs
Total					25.6 Lakhs