



THE - Impact Rankings 2026



PROMOTE PEACEFUL AND INCLUSIVE SOCIETIES FOR SUSTAINABLE DEVELOPMENT, PROVIDE ACCESS TO JUSTICE FOR ALL AND BUILD EFFECTIVE, ACCOUNTABLE AND INCLUSIVE INSTITUTIONS AT ALL LEVELS

16.3.3 Participation in government research

Participation in government research by universities is a common and beneficial collaboration that plays a critical role in advancing science, technology, policy, and public services. Kalasalingam Academy of Research and Education (KARE) actively takes part in government-supported research projects that contribute to national development and scientific advancement. Faculty members and researchers at KARE have received funding from various government agencies such as **DST, DBT, AICTE, UGC, DRDO, and ICMR** for projects in science, technology, health, and social development. The university has also signed **MoUs with government organizations** and research centres to promote collaborative research and innovation. Many students and research scholars are engaged in these projects through government fellowships and internships. Research papers, patents, and project reports acknowledge government funding, showing KARE's strong role in national research initiatives. All details of these projects and collaborations are shared through the university website, annual reports, and official records, reflecting the institution's continuous contribution to government-led research and knowledge creation.

List of Completed/Ongoing Funded Projects (2023-24):

S No	Title of the Project	Principal Investigator(s)	Funding Agency	Amount Sanctioned	Approval letter Number and Date	Year
1.	DST- Training Programme on Entrepreneurship	Dr. Deny , Dr. Perumal	DST-ETP	720000	09/73/2021- NEB(TR)(G) dt-20- 02-2023	2023
2.	Gearing Up for The Future – Awareness and Hands-on Learning Experience for the School Children in the Area of IoT and its associated Open-Source Software using	Dr. Kalpana Murugan	SERB-DST	2546000	DT:-01-07-2023	2023



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	Arduino Kits for the Region of Madurai and Theni Districts of Tamilnadu					
3.	Hands-on activities by using low-cost teaching aid in Science and Mathematics at rural schools in Virudhunagar district, Tamilnadu	Dr. K. Karthigadevi	SERB-DST	2639600	DT:05-07-2023	2023
4.	A Study of the Promotion of Creativity and Innovation among Speech and Hearing-impaired School Going Students in Southern Tamil Nadu using ICT Initiatives	Dr. Karpaga Sundaram	ICSSR-CIS	430000	ICSSR-CIS-2023-2160 DT:30-08-2023	2023
5.	DermaEye – A handheld non-invasive scanning tool for early skin cancer detection	Mohammed Hussain Shariff Syed Musthafa	MSME	1500000	F.No.6(19)/Sanction to CNA/Incubation/2022-2023 DT:08-08-2023	2023
6.	Troubleshooting the problems in expanding the cultivation of withania somnifera in Tamil Nadu : Improving the size of roots in planta by soil with microbiomes, elicitors and precursors	Dr. Palanichelvam Karuppai, Dr. Sheik Asraf	DBT	4925600	DT:-15.09.2023	2023
7.	Financial Stability and Reproductive Health Awareness, Practices and Decision Making Capability of Women belonged to the Particularly Vulnerable Tribal Groups (PVTGs)-A comparative, Intervention study with reference to the select Districts in Kerala	Dr. S. Karthik	ICSSR	465000	02/05/2022-23/RP/MN DT:-14-03-2023	2023
8.	Value addition of Silkworm pupae oil for production of PHAbioplastics for development for Sustainable food packaging materials	Dr.L.Muthulakshmi (PI) and Dr.Baburaj (Co-PI)	DST	4500000	21-12-2023	2023



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9.	An Analysis of the National Health Policy Scheme Among Scheduled Tribes in Selected Tamil Nadu Districts with Reference to the Ayushman Bharat Yojana	Dr. N. Manikandan	ICSSR	397000	DT:-27-12-2023	2023
10.	Development of low-cost organic manure from food waste for the welfare of the farmers through effective natural process	Dr.S.Vanitha & Dr.M.Pallikonda Rajasekaran	UBA	100000	.U-0458/TN/VIR/SSW M/ DT:-25-01-2024	2024
11.	Rejuvenating the value of Classroom Education for the Chatgpt Generation	Dr. A. Vignesh	ICSSR	100000	DT:-13-02-2024	2024
12.	Development of smart cardboard packaging from onion solid waste and its potential applications in food system	Dr. P. Thivya	MSME	1500000	Ref No:-12894 DT:-15-02-2024	2024
13.	Kavita Narasimhan	Kavita, Narsimhan	MSME	1500000	Ref No:-12894 DT:-15-02-2024	2024
14.	Mumkidz	Anjali Awasthi	MSME	1500000	Ref No:-12894 DT:-15-02-2024	2024
15.	Gesture Robust Arduino Controller Equipment (GRACE)	Panem Chaitanya Pavan	AICTE	550000	P/11/2024-US C1/1 Date: 06.05.2024	2024
16.	AccessEase:A Mobile App Empowering Accessibility for Physically Challenged Individuals	Murugeswari Ananthakumar	AICTE	40000	P/11/2024-US C1/1 Date: 06.05.2024	2024
17.	School Nutrition garden	Dr.B.Perumal,Dr . A. Bharathi and V. Dineshkumar	UBA	100000	RP-03525G Date:13.06.2024	2024
18.	Training Program on Entrepreneurship	Dr. J. Deny	DST	750000	09/89/2023-NEB(TR)(G) dae:08.07.2024	2024
19.	Phytochemical and Genotypic Evaluation of Underexplored Curcuma Spp. From North East and South India For various Applications	Dr.T. kathiresan	DBT	11923125	BT/PR43246/NER/95/1872/2021 (30.07.2024)	2024



	Design and Development of Bamboo Fiber Extraction Machine	M.Murali	EDII	320000	Rc.No.2270/JD-2018-EDII-IVP Date: 18.10.2024	2024
	Development of Nanocrystalline multi component doped perovskite oxide decorated carbon nanoflake(CNF) composites as Hybrid Electrode Materials for Elctrochemical Supercapacitors	Dr.Samson Nesaraj Dr.M.Krishnaparamathma	Ministry of Power(CPRI), Govt. of India	3223000	CPRI/R&D/RSOP/MoU/2025 Dated 27.12.2024	2024

List of Student Projects funded by TNSCST:

S. N	Name of the Project	Name of the Faculty	Dept.	Name of the STudents	Amount in Rs.	Reference Number	Year
1	Automatic drainage cleaner	Dr.B.Perumal	ECE	Students Name T.Praneeth Krishna D.Sai Anvesh Varma A.Hemavardhan Venkata Manikanta Ajay.P	7500	EEE-0765	2023
2	A novel jacketed tumbling homogeneous powder mixer for hazard prevention in fireworks	Dr. Aruna Janani V	Chemical	Boligarla Vinay Prabhu M	7500	CHE-078	2023
3	Design and fabrication of automated fire tender system using GPS for industrial sectors	Mr.T.Rajpradeesh	Mechanical	G. Lyones beski A. Surya prakash S. Swaminathan M. Amarnath	7500	EME-0346	2023
4	Studies on arriving effective disposal methods for firecrackerswaste in and around of Sivakasi Regions	Dr. Meyyappan PL	Civil	Ramguhan A Rubanraj C Nishanth Kumar S Gowtham J	7500	ES-372	2023



5	Design and synthesis of Cubased multi-metal electrocatalysts for efficient CO ₂ reduction technology	Dr. Praneeth.K. K	Chemistry	Issathul Riswan.M	7500	PS-208	2023
6	Synthesis and characterization of lithium garnet based materials for application in lithium-ion based electrochemical power sources	Dr. A. Samson Nesaraj	Chemistry	K. Mohamed Ibrahim	7500	PS-209	2023
7	Design and in silico modelling of novel NF-κB receptor targeted chlorogenic acid encapsulated glutelin nanoparticles for effective breast cancer treatment	Mr.S.J. Kabilan	Bio-technology	Afrin Fathima. S Soundarya. T Lakshana. S	7500	BS-535	2024
8	Development of novel solar based handheld composter for managing organic waste from simple residential building	Dr S. Vanitha, Dr.M.Pallikonda Rajasekaran	Civil	Ramkumar S, Arockiya John Britto J, Yuvaraj Panding M	7500	ES-480	2024
9	Role and Effectiveness of Skill India Mission on SocioEconomic Status of Rural Youth in Tamil Nadu	Dr. M. Maria Antony Raj	SW	Praveen Raj T, Kavitha B, Vennila S	7500	SS-336	2024



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10	A Study on impact of post office savings schemes on Scheduled Caste (SC) and Scheduled Tribe (ST) in Thenkasi.	Dr. A . Jafersadhiq	BA	Madumathi M S	7500	SS-337	2024
11	A novel approach for summarising medical report for healthcare applications using natural language processing	Dr.V.Sathya Narayanan	CSE	Sandhya Kuncham, Sravya Kotikalapudi, Kushma Kommineni, Lokesh Kopparthi.	7500	CSE-1397	2024
12	Design and fabrication of electric earth Auger using solar Energy	Mr.T.Raj Pradeesh	Mechanical	Abhishek C S B Suresh Sangeeth Muhammed Fasith M	7500	EME-466	2024