



KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A++" Grade



THE - Impact Rankings 2025



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. Universities bring expertise, innovation, and resources to governmental research projects, while the government often provides funding, policy guidance, and access to large-scale datasets or infrastructure.

University professors and researchers may be called upon by government agencies to serve as consultants or advisors, helping to shape policy decisions based on their expertise. This can involve participating in advisory boards, panels, or committees.

Universities often engage in public-private partnerships (PPP), where research funded by government agencies is transferred to private companies for commercial development, improving societal welfare through new products or services.

Universities often play a key role in training the next generation of researchers, scientists, engineers, and policymakers.

Universities also train policymakers, preparing graduate students in fields like public administration, environmental policy, and international relations, to work within or alongside government entities.

Government agencies often provide universities with access to large datasets that are useful for academic research, such as demographic data, health statistics, or climate models.



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The following projects have received funding from government agencies to address the challenges faced by community members. These projects are approved and will be implemented in collaboration with the relevant government agencies. The agencies will provide essential facilities and support to ensure the institution can complete the projects efficiently and promptly. Experienced personnel from the government agencies will monitor the progress of the projects and offer assistance to facilitate successful completion and implementation.

Name of the faculty investigator(s)	Title of the project	Funding agency	Date of submission of the proposal	Date of acceptance of the proposal	Sanctioned amount	Evidence link
Dr. C. Freeda Christy	Development of an automated traffic control system with the smart self-sensing pavement incorporated with piezo-resistivity materials	DST-SURE	9/17/2022	05/05/2023	₹ 2,997,000.00	https://drive.google.com/file/d/1u1Da--vTZg-NSA1jcM6yZKoOS0vv13i/view?usp=drive_link
Ms. Shalini	Development of paper based micro fluidic devices from biopolymers and its application	DBT	12/06/2022	9/22/2022	₹ 1,146,960.00	https://drive.google.com/file/d/1L6IF1tUEllrV65CTB5DIVRYcYa9qt5mw/view?usp=drive_link
Dr. S. Karthik	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	ICSSR	8/22/2022	3/14/2023	₹ 465,000.00	https://drive.google.com/file/d/1zWKFDcHHiX9Rm0ANGKZUyOjKcbf7Htcw/view?usp=drive_link
Dr. A. Samson Nesaraj , K. Mohamed Ibrahim	Synthesis and characterization of lithium garnet based materials for application in lithium-ion based electrochemical power sources	TNSCST	8/29/2022	03/03/2023	₹ 7,500.00	https://drive.google.com/file/d/16JiPkAnzpMh4F8LrgU5QQ8EZNJhUpxV4/view?usp=drive_link
Dr. Praneeth.K, Issathul Riswan.M	Design and synthesis of Cubased multi-metal electrocatalysts for efficient CO2 reduction technology	TNSCST	8/29/2022	03/03/2023	₹ 7,500.00	https://drive.google.com/file/d/1cuVr5Tq92sd eJOGOD1dToPE6HQA712bd/view?usp=drive_link



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Dr. Meyyappan PL	Studies on arriving effective disposal methods for firecrackerswaste in and around of Sivakasi Regions	TNSCST	8/29/2022	03/03/2023	₹ 7,500.00	https://drive.google.com/file/d/1EloviPm8AVA_KshPRQmHV22wbNCmkIW_X/view?usp=drive_link
Mr.T.Rajpradeesh	Design and fabrication of automated fire tender system using GPS for industrial sectors	TNSCST	8/29/2022	03/03/2023	₹ 7,500.00	https://drive.google.com/file/d/1bxo0LkW9w-BHWy8PT_cALBmLMhI8F3u/view?usp=drive_link
Dr. Aruna Janani V	A novel jacketed tumbling homogeneous powder mixer for hazard prevention in fireworks	TNSCST	8/29/2022	03/03/2023	₹ 7,500.00	https://drive.google.com/file/d/1aySXw-KIDODh9RBQTNZNVCIROdPvNXP/view?usp=drive_link
Dr.B.Perumal	Automatic drainage cleaner	TNSCST	8/29/2022	03/03/2023	₹ 7,500.00	https://drive.google.com/file/d/1wf3Jd2gay8hdK9PG75akDK7wCnRzRgv/view?usp=drive_link
Dr. P. Pandiyaraj/Dr. J.T. Winowlin Jappes	Empowerment of the Scheduled Caste Farmers via 'Polymer Composite Mulch' Technology Yield and Quality of Vegetable Crops	SEED/SCSP	4/23/2022	2/23/2023	₹ 7,470,000.00	https://drive.google.com/file/d/12fdw9jRShG8INkuYoW-p7NWw6ytRIHOE/view?usp=drive_link
Dr. Deny/Dr. Perumal/ECE	DST- Training Programme on Entrepreneurship	DST-ETP	11/29/2021	2/20/2023	720000	https://drive.google.com/file/d/1Du1HkhaUTY_a8QlwD7ZVNYgCqBATAQJOP/view?usp=drive_link
Dr. L. Muthulakshmi	Development of Woman Entrepreneurs in Different Sericulture Sectors: Available technological Strategies to Develop a Cluster-Scale sustainable training for Women Empowerment in and Around Virudhunagar Dist	IRD(SC)-DSIR	3/27/2021	11/21/2022	2007720	https://drive.google.com/file/d/1pZ6_rxT68TYgPRu4ZD1t2m2uFexMnWsB/view?usp=drive_link
Dr. J. Deny	Smart India Hackathon 2022 Hardware Edition	MHRD Innovation Cell	02/06/2022	8/17/2022	1067000	https://drive.google.com/file/d/1ZBzgFJrDwZifJLYud0gC6uJgfvYBa_k2/view?usp=drive_link



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Dr. T. Theivasanthi	Graphene/Sulphur composite as cathode for improved performance and life cycle of Lithium Sulphur batteries	MSME	08/01/2022	7/23/2022	1500000	https://drive.google.com/file/d/1 - WctXv01saUS80K13jx0XSHU00LUxo5/view?usp=drive_link
Dr. Murugeswari	Smart IoT Based Mushroom Cultivation and Edibility Prediction	MSME	08/01/2022	7/23/2022	1500000	https://drive.google.com/file/d/1spTb8sz8eBlkPFJeaZERGLNAKPK0Rvzy/view?usp=drive_link
Dr. B. Perumal	MatsyaRakshak Multilingual IoT based Assist Device for Pisciculture farmers	MSME	08/01/2022	7/23/2022	1500000	https://drive.google.com/file/d/11fswGzifJagp2JXMNTqcn1zcUZ_FgncY/view?usp=drive_link
Dr. J. Deny	Perception of entrepreneurs for effectiveness of DST funded technology business incubators in Kerala and Tamil Nadu on the sustainability of the ecosystem during the crisis situation caused by COVID-19	NSTMIS-PAC	1/21/2022	6/23/2022	1600000	https://drive.google.com/file/d/1pSU1Pkz16i_aYx-TyDabRwLJ-Plwv4TN/view?usp=drive_link
Dr.S.Vanitha	Development of Economically Feasible Constructed Wetland Technology Using Locally Available Plants for Treating Grey Water in Village	IIT Delhi	09/02/2022	5/18/2022	100000	https://drive.google.com/file/d/1KJwuirgiCQLc74IAmEF7zj0ymxDhP7KL/view?usp=drive_link
Dr. P. Devendran	INSA Visiting Scientist Fellowship	INSA	2/25/2022	12/05/2022	30000	https://drive.google.com/file/d/1Mn4chtd3iJaLJA9WaMba1qREueZhobg/view?usp=drive_link
Dr. S. Saravanakumar	SERB International Research Experience Fellowship	DST-SERB	08/02/2022	12/07/2022	1533636	https://drive.google.com/file/d/1-ehLd80jI3PBuOXArzYBrPQ58I75e9MF/view?usp=drive_link
Dr. Naidu Dhanpal Jayram	Ion beam irradiation of semiconductor thin films for Surface enhanced Raman spectroscopy application	UGC-DAE	8/29/2021	3/30/2022	45000	https://drive.google.com/file/d/1DM8tFhJWdENKuxnSZWf-ykJRwFEQJBJT/view?usp=drive_link



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Dr. Perumalla Srikanth	Development of sustainable agriculture practices for biotic and abiotic stress management in conventional and organic tea plantations	DBT-NER-BPMC	6/29/2021	3/21/2022	40353939	https://drive.google.com/file/d/1Wje7676Yym4txfbXQo8_9eB_nKSMBUZ4/view?usp=drive_link
Dr. T. Kathiresan	Mechanistic Investigation on EMT targeted nanotherapeutics for drug-resistant triple-negative breast cancer cells	DBT-NER-BPMC	7/21/2021	3/16/2022	14787600	https://drive.google.com/file/d/1eXQl63TSOkF0LZliAiwncXWYKmqnFnZs/view?usp=drive_link
Dr. N. Hariram	Value addition and product diversification in Tea	DBT-NER-BPMC	8/21/2021	12/03/2022	38237731	https://drive.google.com/file/d/1WZH6lq923rpw1EarlBM3jfTzVYQE46m6/view?usp=drive_link
Dr. P. Deepalakshmi	Validation and digitization of indigenous medicinal knowledge of tribes of The Nilgiris, Namakkal, Thiruvannamalai and Tirunelveli districts, Tamil Nadu	DST-SEED	02/01/2022	02/07/2022	8314562	https://drive.google.com/file/d/1oP1xSJ8v3peE5BDZ-QaXPhPGDQg-chEo/view?usp=drive_link

Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Dr. Naresh Kumar Sharma, Kalasalingam Academy Of Research And Higher Education, Kalasalingam University, Anand Nagar, Krishnan Kovil, Virudhunagar, Srivilliputtur, Virudhunagar, Tamil Nadu-626190- under the mentorship of Dr.M_Matheswaran, at National Institute of Technology, Tiruchirappalli Tanjore Main Road, National Highway 67, Tiruchirappalli - 620015- Released grant of Rs. 18,30,000/-.

https://drive.google.com/file/d/1uPBMMy2epBSRwqBNCiJOlfE0QvYRrBsf/view?usp=drive_link

Received financial support for the project entitled “**Development of women entrepreneurs in different sericulture sectors: Available technological strategies to develop a cluster scale sustainable training for women empowerment in and around Virudhunagar district**” from DSIR and the project is ongoing in association and supported by government sectors in Virudhunagar district, Government of Tamilnadu.

https://drive.google.com/file/d/17qhrIx6tQJWJZSN-dYJnVkelluVibn_y/view?usp=drive_link



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Financial Assistance for the project titled “**Empowerment of the Scheduled Caste Farmers via ‘Polymer Composite Mulch’ Technology for Enhanced Yield and Quality of Vegetable Crops**”. Proposal has been approved at a total cost of Rs.74,70,000/- by SEED Division, MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF SCIENCE AND TECHNOLOGY

https://drive.google.com/drive/folders/1LBQIEhLXC6kzrQnqz1NLmNsjZKk5KOlw?usp=drive_link

Consultancy project details in association with government sectors

https://drive.google.com/drive/folders/17fi8aKG_a6uSkg5xW0cTkyLrKKETmQXw?usp=drive_link

Training programs conducted in association with government to community people for the welfare

1. Organized DSIR sponsored (TDUPW/11011/32021-IRD (SC)-DSIR) Five-Day training programme on “**Quality cocoon production and Making cocoon handy crafts**” 12-16, June 2023 for SHG and Women beneficiaries in virudhunagar district.
2. DSIR sponsored (TDUPW/11011/32021-IRD (SC)-DSIR) two day hands on training on “**Mulberry Cultivation**” 13-14, March, 2023 for SHG and Women beneficiaries in virudhunagar district.
3. DSIR sponsored (TDUPW/11011/32021-IRD (SC)-DSIR) two days hands on training on “**Entrepreneurial opportunities in Sericulture**” 02 -03 february 2023 for SHG and Women beneficiaries in virudhunagar district.
4. Organized Extension activity on “**Creating Awareness on the use of Organic Sanitary Napkin in Schools and Villages**” 07.01.2023 in Virudhunagar District.