



KALASALINGAM

ACADEMY OF RESEARCH AND EDUCATION

(DEEMED TO BE UNIVERSITY)

Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade



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Extramural funding for Research

Name of the Project	Name of the Funding agency
Design of mobile hemodialysis apparatus for acute renal failure patient's self-help and treatment adherence	Alpha Hospital and Research Center
Numerical analysis of drag and lift coefficient of a Sport Utility Vehicle (SUV)	Ford India Pvt. Ltd.
Tumor Segmentation and Feature Extraction with MRI Classification	Aravind Medical Research Foundation
Usage of water jet machines to minimise corrosion in heavy equipment and machinery	Cracow University of Technology
Imbibing agricultural concepts in traditional architecture	Madurai Kumar Mess
Graphene and its medicinal uses in treatment of diabetes	Universiti Putra Malaysia
Composite packing material for medical and surgical equipment	Modern Surgicals
Preparation of cellulose/copper nanoparticles bionanocomposite films using a bioflocculant polymer as reducing agent for antibacterial and anticorrosion applications	Thillais Masala
Identification of high grade and low grade tumors in MR brain image using modified monkey search algorithm	KGS Advanced MR & CT Scans
Hybrid ventilation system and soft-sensors for maintaining indoor air quality and thermal comfort in buildings	Vasanth Builders
Investigation of utilization of Flyash in Self Compacting Concrete	The Ramco Cements Limited
Role of ergonomic factors affecting production of leather garment-based SMEs of India: Implications for social sustainability	K H Exports India Pvt Ltd
In situ generation of silver and silver oxide nanoparticles on cotton fabrics using <i>Tinospora cordifolia</i> as bio reductant	S A Ananthan Mill Limited

An Efficient Framework for Secure Image Archival and Retrieval System Using Multiple Secret Share Creation Scheme	Aravind Medical Research Foundation
A comprehensive review of electrospun nanofibers: Food and packaging perspective	Thillais Masala
Six sigma and its effects on the spinning mill industry in Tamil Nadu	S A Aananthan Mill Limited
Artificial pancreas and smart insulin injection for patients with diabetes	Alpha Hospital and Research Center
An efficient clustering and load balancing of distributed cloud data centers using graph theory	Sidharth Data Center
Analysis of Cyberattacks and its Detection Mechanisms	Anand Techverce LLP
Effect of 3D printing process parameters on the impact strength of onyx – Glass fiber reinforced composites	Soltech Pumps & Equipment Pvt Ltd
Brain–computer interface for amyotrophic lateral sclerosis patients using deep learning network	Sundaram Medical Foundation
IoT Based Energy Management for Smart Home	Vasanth Builders
An Electro-Mechanical Pro-Tray Seeder for Sowing Vegetable Seeds	Eindhoven University of Technology
Improving the educational practice and placement opportunities for hearing impaired students in computer science engineering	Gallaudet University
Livelihood Security of Women Agricultural Labourers in Erode District of Tamilnadu	Universiti Putra Malaysia
Enhanced stability of emulsions made with super-critical carbon dioxide extruded whey protein concentrate	Thillais Masala
Identification of Papain-Like Protease inhibitors of SARS CoV-2 through HTVS, Molecular docking, MMGBSA and Molecular dynamics approach	Sundaram Medical Foundation
Healthcare data protection based on blockchain using solidity	Anand Techverce LLP
Diagnosis of diabetic retinopathy using multi level set segmentation algorithm with feature extraction using SVM with selective features	Alpha Hospital and Research Center
Potential use of industrial waste-red mud in developing hybrid composites: A waste management approach	K H Exports India Pvt Ltd