## CONSULTANCY PROJECTS

| S.No | Name of the consultant | Dept. | Name of the consultancy project | Consulting / Sponsoring agency | Sanction Date | Amount Sanctioned (in Rs.) |
|---|---|---|---|---|---|---|
| 1 | Dr Annie Aureen Albert<br>Associate Professor<br>Dr K Kiruthiga<br>Assistant Professor | Physics | Enhanced heat transport & chip cooling using nanofluid based micro-channel heat sink | Ayzer International Canada | 27.10.2026 | 5,00,000 |
| 2 | Dr M Ramakrishnan<br>Professor | Mechanical | Development of composite poles and towers | IIT Madras | 1.5.2025 | 5,90,000 |
| 3 | Dr B Mathiarasi<br>Associate Professor<br>Dr J Vijayarani<br>Assistant Professor (SG) | CSE | Conserve-a-Tree Project | Ms.Sridevi Devarajan Independent IT Consultant and former TCS Professional | 11.11.2025 | 5,00,000 |
| 4 | Dr M Ramakrishnan<br>Professor | Mechanical | Design and Development of Glass fiber Reinforced Plastic (GRP) Poles for Optimum Strength & Rigidity | Creative Composites Chennai | 1.4.2024 | 5,01,500 |
| 5 | Dr.Sheeba Chandar<br>Professor & Dean<br>Mr.Shanmugapriyan<br>Assistant Professor<br>Ar.N.Sudhan Srinivas<br>Assistant Professor | SPADE | Geo-referencing & Digitization of Government land FMB Sketches from village Kottivakkam to Mahabalipuram | Centre for Urbanization, Buildings & Environment | 15.5.2024 | 47,000 |
| 6 | Dr N Ayyanathan<br>Professor | MCA | Big data pipeline architecture and energy analytics decision support system for a chemical recovery boiler design, manufacturing, supply chain operations, customer relationship management and performance monitoring using deep learning algorithms and AR/VR technologies | GB Power Projects Private Limited Chennai | 29.7.2024 | 5,00,000 |

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|---|---|---|---|---|---|---|
| 7 | Dr. G.Muthukumaran<br>Professor<br>Dr R S Nakandhrakumar<br>Associate Professor | ECE | Development of low-cost Electro mechanical actuator for automotive tail gate lifting/lowering applications | SUSPA Pneumatics (India) Ltd.<br>Chennai | 19.9.2024 | 54,000 |
| 8 | Dr.Ramakrishnan<br>Professor | Mechanical | Design of Large Diameter Glass fiber Reinforced Plastic (GRP) Storage Tanks for Combined Loads including Seismic Loads | Creative composites, Ambattur Industrial Estate<br>Chennai - 600 058 | 23.1.2023 | 1,20,000 |
| 9 | Dr.Sheeba Chandar,<br>Professor & Dean<br>Ar.N.Sudhan Srinivas<br>Assistant Professor<br>Mr.Shanmugapriyan<br>Assistant Professor | SPADE | Activity mapping at Marina Beach, Chennai | Centre for Urbanization, Buildings & Environment | 7.2.2023 | 55,000 |
| 10 | Dr P S Joanna<br>Professor | Civil | Performance of double skinned CFS column | AR Structural Consultancy<br>Chennai | 6.3.2023 | 6,000 |
| 11 | Dr.J.Thangakumar<br>Associate Professor | CSE | Smart agriculture using IoT | Sustainable World Peace Trust<br>Chennai | 2.5.2023 | 2,00,000 |
| 12 | Dr.K.Ramajeyathilagam )<br>Distinguished Professor<br>Mr.Pragadheswaran S<br>Assistant Professor | AERO | Parametric studies on article subjected to underwater shock wave excitation | Naval Science & Technological Laboratory | 4.5.2023 | 9,89,640 |
| 13 | Dr.Sheeba Chandar,<br>Professor & Dean<br>Dr D Karthigeyan<br>Associate Professor<br>Mr.Shanmugapriyan<br>Assistant Professor<br>Ar.N.Sudhan Srinivas<br>Assistant Professor | SPADE | Conducting questionnaire survey for villages from Kottivakkam to Mahabalipuram | Centre for Urbanization, Buildings & Environment | 31.5.2023 | 1,25,995 |

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| 14 | Dr P S Joanna<br>Professor | Civil | Impact of carbon dioxide curing on compressive strength of motor | AR Structural Consultancy<br>Chennai | 24.7.2023 | 17,000 |
| 15 | Dr.Sheeba Chandar<br>Professor & Dean, SPADE | SPADE | Study on impact of urban development on coastal aquifer and measures for protection in the villages from Kottivakkam to Mahabalipuram between Bay of Bengal and Buckingham canal. | Centre for Urbanization, Buildings & Environment | 7.10.2023 | 96,098 |
| 16 | Dr Daniel C<br>Assistant Professor | Civil | RC frame subjected to cyclic loading with and without viscous damper | J K Constructions<br>Tirunelveli | 7.11.2023 | 6,000 |
| 17 | Dr.M.Jaikuma<br>Professor<br>Mr.T.Shanmuganathan<br>Assistant Professor | AUTO | Embedded Tech accessories | KRUX Studio<br>Mumbai | 17.2.2022 | 1,80,000 |
| 18 | Mr.Arther Jefrin | AERO | Fatigue Testing | Jeppiaar Enginering College<br>B.Tech - AERO | 31.5.2022 | 6,000 |
| 19 | Dr.P.S.Joanna<br>Professor | Civil | Lateral load carrying capacity of the RC Columns | AR Structural Consultancy<br>Kelambakkam Chennai | 22.6.2022 | 39,000 |
| 20 | Dr.K.Ramajeyathilagam<br>Distinguished Professor | AERO | Fatigue Testing | Mr.P.Karthick, Ph.D student - AERO | 9.8.2022 | 9,000 |
| 21 | Dr.K.Ramajeyathilagam<br>Distinguished Professor | AERO | Material composite specimen-fatigue testing fee | Indall Sales and Services<br>15/B Hanuman Nagar<br>P.M.C Colony Shivaji Nagar<br>Pune - 411 016 | 13.9.2022 | 7,43,400 |
| 22 | Dr.K.Ramajeyathilagam<br>Distinguished Professor | AERO | Fatigue Testing | St Advanced Composites (P) Ltd<br>Chennai | 8.1.2021 | 6,300 |

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| 23 | Dr.K.Ramajeyathilagam<br>Distinguished Professor | AERO | Fatigue Testing | St Advanced Composites (P) Ltd Chennai | 21.1.2021 | 25,200 |
| 24 | Dr.P.S.Joanna<br>Professor<br>Dr Jessy Rooby<br>Professor | Civil | Performance of castellates beams with various web openings | JK Constructions Tirunelveli | 5.2.2021 | 21,000 |
| 25 | Mr.C Suresh<br>Assistant Professor | AERO | Fatigue Testing | Mr.K.Sai Vishnu<br>B.Tech Student - AERO | 5.3.2021 | 9,000 |
| 26 | Mr.C Suresh<br>Assistant Professor O | AERO | Fatigue Testing | Mr.K.Sai Kumar Reddy<br>B.Tech Student - AERO | 8.3.2021 | 14,400 |
| 27 | Mr.C Suresh<br>Assistant Professor | AERO | Fatigue Testing | Mr.GN Vijayadharshan<br>B.Tech Student - AERO | 10.3.2021 | 15,000 |
| 28 | Dr.K.Ramajeyathilagam<br>Distinguished Professor | AERO | Fatigue Testing | Mr.Bharadwaj<br>B.Tech Student - AERO | 5.4.2021 | 15,000 |
| 29 | Mr.C Suresh<br>Assistant Professor | AERO | Fatigue Testing | Mr.Radhakrishnan<br>Research Scholar - AERO | 16.11.2021 | 10,800 |
| 30 | Dr.P.S.Joanna<br>Professor<br>Dr Jessy Rooby<br>Professor | Civil | Flexural performance of engineered cementitious composites | AR Structural Consultancy Chennai | 16.11.2021 | 15,000 |
| 31 | Dr M Ramakrishnan<br>Professor | Mechanical | Design of large diameter glass fiber reinforced plastic storage tanks for combined loads including seismic loads | Creative Composites Chennai | 25.11.2021 | 1,20,000 |
| 32 | Dr.P.S.Joanna<br>Professor | Civil | Flexural and shear performance of Engineered cementitious composites | AR Structural Consultancy Kelambakkam Chenna | 22.12.2021 | 15,000 |

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| 33 | Dr.K.Ramajeyathilagam Distinguished Professor | AERO | Fatigue Testing | Ms.A Mounika M.Tech Student - AERO | 10.1.2020 | 9,000 |
| 34 | Dr.K.Ramajeyathilagam Distinguished Professor | AERO | Fatigue Testing | Mr.B Manikanta M.Tech Student - AERO | 24.2.2020 | 15,000 |
| 35 | Dr.K.Ramajeyathilagam Distinguished Professor | AERO | Fatigue Testing | Mr.P Ramesh B.Tech Student - AERO Tagore Engineering College, Chennai | 4.3.2020 | 9,000 |
| 36 | Dr.K.Ramajeyathilagam Distinguished Professor | AERO | Fatigue Testing | Mr.Surya Sai Yadav B.Tech Student - AERO | 13.3.2020 | 24,000 |
| 37 | Dr.K.Ramajeyathilagam Distinguished Professor | AERO | Fatigue Testing | Mr Muzammil Hussain Student - AERO Jeppiaar Engineering College, Chennai | 16.3.2020 | 3,000 |
| 38 | Dr.G Muthukumaran Professor | ECE | Development of automatic Tea Leaf Cutter for inclined terrain harvesting | POABS Tea Limited Kerala | 21.3.2020 | 7,00,000 |
| 39 | Dr. D. Dinakaran Professor | Mechatronics | Sevili | Renault Nissan Technology Business Center | 4.4.2020 | 9,86,420 |
| 40 | Dr. D. Dinakaran Professor | Mechatronics | Modelling and simulation of an electromagnetic retarder for automotive applications | RAMBAL Private Limited Thiruporur Chengalpattu | 16.4.2020 | 2,40,000 |
| 41 | Dr. D. Dinakaran Professor | Mechatronics | Suzhali – Portable Air Purifying Respirator | Indian Medical Association | 2.6.2020 | 60,000 |
| 42 | Ms.Sherin Eliyas, Asst. Professor Dr P Ranjana Professor | MCA | DOSTH-Design and development of Android Mobile Application | Indian Railways Salem Division Salem | 22.6.2020 | 1,10,000 |

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| 43 | Dr.K.Ramajeyathilagam Distinguished Professor | AERO | Fatigue Testing | Dr Devendran, St Advanced Composites (P) Ltd Chennai | 24.12.2020 | 6,300 |
| 44 | Dr.P.S.Joanna Professor | Civil | Performance of sandwich slabs | J K Constructions Tirunelveli | 28.3.2019 | 5,000 |
| 45 | Dr. V Preeti Professor | Civil | Documentation of heritage buildings to Chennai Metropolitan Development Authority | Chennai Metropolitan Development Authority | 18.7.2019 | 1,28,030 |
| 46 | Dr.P.S.Joanna Professor | Civil | Seismic performance of pre-cast shear walls | J K Constructions Tirunelveli | 6.12.20219 | 21,000 |
| 47 | Dr R Samuel Devadoss Associate Professor | Civil | Tidel hydrodynamics modellng studies | Virgo Acqua Consulting Engineers Ernakulam Kerala | 15.3.2018 | 3,00,000 |
| 48 | Dr.P.S.Joanna Professor | Civil | Building design | Father's Home Orphanage, Chennai | 2.4.2018 | 11,000 |
| 49 | Dr.P.S.Joanna Professor | Civil | Column Testing | J K Constructions Tirunelveli | 2.4.2018 | 15,000 |
| 50 | Dr.D.Dinakaran Professor | Mechatronics | Development of ultra response gas purging systems | Microwave Tube Research & Development Centre, Defence Research & Development Organization | 17.10.20217 | 9,80,500 |
| 51 | Dr.D.Dinakaran Professor | Mechatronics | Training on non destructive testing methods | Nelcast Limited Chennai | 3.3.2016 | 1,00,000 |

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|---|---|---|---|---|---|---|
| 52 | Dr.M M Ramya<br>Professor | Mechatronics | Trainer for tactical warfare | Combat Vehicles Research & Development Establishment, Defence Research & Development Organization, Chennai | 2.4.2015 | 9,62,925 |