



KONGU ENGINEERING COLLEGE

CAMPUS R&D NEWS



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PH.D VIVA-VOCE COMPLETED

1. Ms.C.Selvarathi, Research Scholar, Department of Information Technology defended his thesis entitled “Innovative deep learning algorithms for predicting cardiovascular disease among patients with T2DM” on 18.01.2024 under the guidance of Dr.S.Varathaganapathy / IT.
2. Mr.K.Logeswaran, Research Scholar, Department of Information Technology defended his thesis entitled “An investigation on high utility itemset extraction using evolutionary approaches assimilated with off and on policy reinforcement learning algorithms” on 29.01.2024 under the guidance of Dr.S.Anandamurugan (RC) / IT.

R&D PROJECTS SACTIONED (2023-2024)

1. Dr.S.Anandakumar/Civil, received research grant of Rs.3,00,000/- for the project entitled “Development of track maintenance model for metro rail system” under TNSCST-RFRS scheme on 27.04.2023, File No.TNSCST/RFRS/E&T/VR/05/2020-21.
2. Dr.N.Muralidharan/MTS, Dr.S.K.Thangarasu/MTS, Dr.A.Shanmugam/MTS received research grant of Rs.18,19,000/- for the project entitled “Machinability and surface integrity investigation in CNC-wire cut electrical discharge turning (WEDT)” under CSIR-R&D scheme on 14.07.2023, File No. 22/0871/23/EMR-II.
3. Dr.M.Mohanasundari/MBA, Dr.P.Vidhya Priya/MBA, Dr.P.Sudharesalingam/MBA, Ms.M.Dharshne/MBA received research grant of Rs.8,06,250/- for the project entitled "Entrepreneurial Ecosystem-The Effectiveness of Stand-up India in promoting women and SC/ST owned Business in Tamil Nadu" under ICSSR–Collaborative Research Grant Scheme on 29.09.2023, F.No.226/CRP-2023-2122/SUI/SCD.
4. Dr.S.Padmavathy/MBA, Dr.S.Maheswari/EEE, Dr.M.Sivachitra/EEE, Mr.S.K.Logesh /EEE received research grant of Rs.6,45,000/- for the project entitled "An Empirical Study on Jan Aushadhi Yojanas Reach and Socio-Economic Impact in selected areas of Tamilnadu" under ICSSR – Collaborative Research Grant Scheme on 03.10.2023, F.No.188/CRP-2023-2120/AB/SCD.

5. Dr.T.Logeswaran/EEE, Dr.A.Sheela/EEE, Dr.V.Krishnamoorthy/MBA received research grant of Rs.8,83,000/- for the project entitled "Environmental impacts of FASTAG adoption: A comprehensive analysis of fuel conservation and carbon emission reduction at toll plazas in India" under ICSSR Minor Research Project Scheme on 22.12.2023, F.No. ICSSR/RPD/MN/2023-24/OBC/43.
6. Dr.A.Tamilvanan/Mechanical received research grant of Rs.18,30,000/- for the project entitled "Investigation on the feasibility of human faces biogas as a secondary fuel for biodiesel fuelled diesel engine under the RCCI strategy" under SERB-TARE Scheme on 09.01.2024, F.No. TAR/2023/000388.

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4. Balamurugan, J., Kasthuri, N., Sudarsan, J.S., Siddi, S., Sakhare, D.T., and Sampathkumar, V., (2024). An efficient wastewater collection model for groundwater resource protection in smart cities. *Groundwater for Sustainable Development*, p.101091.
5. Sampathkumar, V., Manoj Shanmugamoorthy., Raja Kanagaraju., Navaneethan, K.S., Jothilakshmi, N., Umabharathi Chandrasekar., Vishwa Kumar., and Syed Mohamed Ibrahim Khutpudeen., (2024) Study the Effects of Rice Husk on Geochemical Properties of Soil and its Growth Promotions. *International Conference on Civil Engineering Innovative Development in Engineering Advances*, pp.347-357.

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ADDRESS FOR COMMUNICATION

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