



KONGU ENGINEERING COLLEGE

CAMPUS R&D NEWS



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PH.D VIVA-VOCE COMPLETED

1. K.Vishnuvardhan, Research Scholar, Department of Civil Engineering defended his thesis entitled “Optimal route analysis for solid waste transportation using GIS and ANN” on 27.10.2021.

R&D PROJECTS SACTIONED (2021-2022)

1. Dr.S.Albert Alexander / EEE, Dr.S.Shankar / MTS, Dr.M.Srinivasan / EEE and Mr.D.Sarathkumar / EEE received research grant of Rs. 28,65,200/- for the project entitled “Design and development of solar photovoltaic assisted micro-grid architecture with improved performance parameters intended for rural areas” under DST- TMD-WCE scheme on 03.06.2021, Ref. No.DST/TMD/CERI/RES/2020/32/(G).
2. Dr.V.Chitra Devi / FT, Mr.S.Mothil / Chemical and Mr.R.Sathish Raam / Chemical received research grant of Rs. 1,07,09,518/- for the project entitled “Design and development of continuous high pressure screw reactor for Alkali catalyzed hydrothermal co-liquefaction of plastic wastes with lignocellulosic biomass” under DST-TDT-WMT scheme on 01.07.2021, Ref. No. DST/TDT/WMT/Plastic Waste/2021/08[G].
3. Dr.G.S.Rampradheep / Civil received travel grant of Rs.2,00,000/- for the project “Grant for study tour of ATAL tunnel under the AICTE youth undertaking visit for acquiring knowledge (Yuvak) scheme” with students under AICTE scheme on 19.08.2021, Ref. No. STDC-AICTE-ST-AT/266/2020-2021/37.

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2. Kumar, M.A., Parameshwaran, R., and Rajasekar, R., (2021). Effect of abaca reinforced polymer composite on dynamic mechanical analysis. *Colloid and Polymer Science*, Vol.299(11), pp.1657–1667.
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5. Annamalai, S., (2021). A multivariate analysis and investigation on break even and productivity measures using artificial intelligence: A post research work in textile process industries. *Materials Today: Proceedings*, Vol.46(19), pp.9613.
6. Paramasivam, K., Anand, M. V., and Sambathkumar, M. (2021). Investigation of optimum process parameter of lost foam casting of A356/SiC metal matrix composite. *Materials Today: Proceedings*, Vol.47 (14), pp. 4801-4806.
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13. Madhan Mohankumar, S., Praveen Kumar, B., Guruprasad, Sreekanth Manavalla, Joshua Stephen Chellakumar Isaac Joshua Ramesh Lalvani, Somasundaram, P.L., Tamilarasu, P., and Prakash Singh Tanwar., (2021). XRD Peak Profile Analysis of SiC Reinforced Al₂O₃ Ceramic Composite Synthesized by Electrical Resistance Heating and Microwave Sintering: A Comparison. *Advances in Materials Science and Engineering*, Vol.2021. Article ID 8341924
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