



R&D PROJECTS SACTIONED (2019-2020)

1. Dr. P. Karthikeyan and Dr. T. Dheepa, MBA received research grant of Rs.12,60,000/- for the project entitled Assessment on Employability Skills of SC, ST Rural Youth in Western Districts of Tamilnadu from ICSSR under IMPRESS scheme on 08.07.2019. Ref.No: IMPRESS/P331/2018-19/ICSSR.
2. Dr. R. Somasundaram, MBA received research grant of Rs.4,20,000/- for the project entitled A study on work place environmental parameters and occupational health problems among women construction workers in western Tamilnadu from ICSSR under IMPRESS scheme on 08.07.2019. Ref No.IMPRESS/P3097/2018-19/ICSSR.
3. Dr.K.Dineshkumar, Mechanical Engineering received research grant of Rs.18,30,000/- for the project entitled On Quantification and Prediction of Surface Related Defects for Metal Forming Processes from SERB under TARE scheme on 06.12.2019 Ref No.TAR/2019/000120.
4. Dr.S.Shankar, Mechatronics Engineering received research grant of Rs.65,000/- for the project entitled Tribological Behaviour of Ceramic Biomaterials for Human Hip Prosthesis using Bio-Lubricant from IEL on 08.08.2019. Ref. R.5/2/PG/2019-20/PG2020006.
5. Dr. P. Vidhyapriya and Dr. M. Mohanasundari, MBA received research grant of Rs.7,84,750/- for the project entitled A Study on Entrepreneurial Attitudes and Startup Attempts in Rural Tamilnadu from ICSSR under MRP scheme on 13.12.2019. Ref. 02/136/2019-2020/MJ/RP
6. Dr.K.Krishnamurthy, Dr.R.Parameshwaran and Dr.B.Meenakshipriya Mechatronics Engineering received research grant of Rs.25,00,000/- under the scheme Share & Mentor Institutions-Margdarshan from AICTE on 06.09.2019. Ref.No.58-14/RIFD/Margdarshan/2019-20.
7. Dr.S.Albert Alexander and Mr.D.Sarathkumar, EEE, received research grant of Rs. 9,02,750/- for the project entitled Design and Development of Smart Grid Architecture with Self Healing Capability using Intelligent Control Techniques - A Smart City Perspective from SERB under ASEAN-India Collaborative Research Project on 12.09.2019. Ref. No IMRC/AISTDF/CRD/2018/000075.

8. Dr. B. Meenakshipriya and Mr. A. Balaji, Mechatronics Engineering received research grant of Rs.4,40,000/- for the project entitled Design, Fabrication and Control of Soft Robotic Gripper to Perform Various Grasping Action from TNSCST under Science & Technology 04.11.2019, Ref.No. TNSCST/STP-PRG/AR/2018-19/9341.
9. Dr. T. Meeradevi, Mr. K. Manoj Senthil and Mr. Vibin Mammen Vinod, ECE received research grant of Rs.4,40,000/- for the project entitled Low Cost Portable Finger Vein Authentication Device for Highly Secured Applications from TNSCST under Science & Technology 04.11.2019, Ref.No.TNSCST/STP-PRG/AR/2018-19/9288
10. Dr.C.Maheswari, Mechatronics Engineering received research grant of Rs.2,40,000/- for the project entitled Bio-degradable and eatable wheat plate making machine from EDII under IVP scheme on 14.01.2020, Ref.No. Lr.No.2270/EDII/JD/2019
11. Mr.A.R.Krishnaraja, Civil Engineering received research grant of Rs.2,40,000/- for the project entitled Low cost modular house development from EDII under IVP scheme on 14.01.2020 Ref.No. Lr.No.2270/EDII/JD/2019
12. Dr.R.Baskar, Food Technology, Dr.C.Maheswari, Mechatronics Engineering and Dr.T.Manikandan, Chemistry received research grant of Rs.10,11,137/- for the project entitled Developing electrical discharge non-thermal plasma (EDNP) based treatment process to achieve environmental compatibility in selected process industry wastewater remediation from AICTE under RPS scheme on 20.03.2020, Ref.No.8-208/RIFD/RPS (POLICY-1)/2018-19

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2. Karthick, P.S., Chandrasekaran, P., Nirmalkumar, K., and Raghunathan, M., (2020). Effect of Mineral Admixtures in Mechanical Behavior of High Performance Concrete, International Journal of Advanced Science and Technology, Vol. 29(3), pp. 8031-8038.
3. Raghunathan, M., Chandrasekaran, P., and Nirmalkumar, K., (2020). Ultra High Performance Fiber Reinforced Concrete – A Review, International Journal of Advanced Science and Technology, Vol. 29(3), pp. 6545-6550.
4. Padeep, T., Sowpharnika, D., Varun, K., and Thulasiram, T., (2020). Measurement of Illuminance of Light in Southern Erode City, Tamil Nadu, Journal of Critical Reviews, Vol.7 (7), pp.176-182.
5. Karthika, T., Arumugam, K., Sangeetha, R.K., Karthi, S., and Anitha, T., (2020). Performance Evaluation of Expansive Soil Stabilized with Bagasse

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 7. Saravana Kumar, J., Mohan Prasanth, M., Rajasekar, R., and Praseetha, P., (2020). Fabrication and characterization of tailor-made novel electrospectrum fibrous polyurethane scaffolds decorated with Propolis and Neem oil for tissue engineering applications, *Journal of Industrial Textiles*, Vol.49(9), pp.1178-1197.
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