

**PROFILE OF FACULTY / STAFF MEMBERS OF
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Areas of expertise:

Biomedical Engineering, Telemedicine, Communication Engineering, Computer Networking, Virtual Instrumentation, MATLAB, LabVIEW, ICT for Education / Training, Strategic Planning & Institutional Development, Instructional Design and Delivery System, Technical and vocational Education and Training (TVET) & Accreditation

LIST OF PUBLICATIONS

1. Role of technical teacher training institution in a knowledge based economy, Kulanthaivel. G ., Ulagamuthalvi. V ., Conference Paper Procedia Computer Science, Volume 172, Year 2020, Pages 1096-1102 [DOI:10.1016/j.procs.2020.05.159](https://doi.org/10.1016/j.procs.2020.05.159)
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3. Cancer Diagnosis System for Classifying Clinically Actionable Genetic Mutation, V. Ulagamuthalvi ., G. Kulanthaivel ., Idury Jnana Bhaskar Akhil ., Jyothindra Pavan Kondepoti ., Conference Paper 5th International Conference on Science Technology Engineering and Mathematics, ICONSTEM 2019, Year 2019, Pages 246-250 [DOI:10.1109/ICONSTEM.2019.8918904](https://doi.org/10.1109/ICONSTEM.2019.8918904)
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8. Design and develop a computer aided design for automatic exudates detection for diabetic retinopathy screening, Article Journal of Engineering Science and Technology, Volume 11, Year 2016, Pages 605-618
9. Develop a novel screening tool on mobile application to detect diabetic retinopathy or macular edema in primary health care, Article Biomedical Research (India), Volume 2016, Year 2016, Pages S186-S190
10. Intelligent topical sentiment analysis for the classification of e-learners and their topics of interest, M. Ravichandran ., G. Kulanthaivel ., T. Chellatamilan ., Article Scientific World Journal, Volume 2015, Year 2015 [DOI:10.1155/2015/617358](https://doi.org/10.1155/2015/617358)
11. Classification of preterm birth with optimized rules by mutating the cognitive knowledge of PSO Thomas, Jyothi;Kulanthaivel, G. Article Indian Journal of Science and Technology, Volume 8, Year 2015 [DOI:10.17485/ijst/2015/v8i15/64743](https://doi.org/10.17485/ijst/2015/v8i15/64743)
12. Intelligent prediction model for learners outcome forecasting in e-learning M. Ravichandran ., G. Kulanthaivel ., Conference Paper Proceedings of the International Conference on Computing and Communications Technologies, ICCCT 2015, Year 2015, Pages 7-11 [DOI:10.1109/ICCCT2.2015.7292711](https://doi.org/10.1109/ICCCT2.2015.7292711)
13. Generation of tag clouds for E-learning documents-a value-added service to peer learners Article Research Journal of Applied Sciences, Engineering and Technology, Volume 10, Year 2015, Pages 206-213
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