

Innovations by the faculty in Teaching and Learning:

Journal/Book Chapter Publications in Teaching and Learning:

1. **P. Karthikeyan**, Impacts of Smart Devices in Education, International Journal of Mobile Learning and Organization, vol.12, no.2, 2018
2. **R. Parkavi, P. Karthikeyan, S. Sujitha, A. Sheik Abdullah**, Impact of Massive Open Online Courses and Best Practices:A Case Study on Social Network Analysis Course, Journal of Engineering Education Transformations, vol.31, no.3, 2018.
3. **A. M. Abirami**, P. Kiruthiga, Collaborative Learning Tools for Data Structures, Journal of Engineering Education Transformations, vol.31, no.3, 2018.
4. D. Anitha, **C. Jeyamala**, D.Kavitha, Assessing and Enhancing Creativity in a Laboratory Course with Project Based Learning, Journal of Engineering Education Transformations, vol.32, no.2, 2018.
5. **A. Sheik Abdullah**, N. Gayathri, **A. M. Abirami, R. Parkavi**, A Statistical Approach in setting SLO targets over Outcome based Education - A Case Study, Journal of Engineering Education Transformations, DOI: 10.16920/jeet/2018/v0i0/120898, 2018.
6. **S. Padmavathi**, B. Subbulakshmi, Tailor-made Educational Model realizing Intended Learning Outcome to enhance competencies among Engineering graduates, Special Issue in Journal of Engineering Education Transformations, 2018.
7. **A. M. Abirami**, Measurement of Ethics among Engineering students, Journal of Engineering Education Transformations, vol. 30, no. 3, 2017.
8. **S. Thiruchadai Pandeewari, S. Pudumalar**, Streamlined Integration of ICT tools and active learning strategies for effective content delivery in Engineering education- An experimental study, Journal of Engineering Education Transformation, vol.30, no.2, 2016.
9. **A. M. Abirami**, Performance Excellence Model for Engineering Education – An Enabler for Sustaining Quality, Journal of Engineering Education Transformations, Vol. 28, No. 2, 3, pp. 122-130, 2015.
10. **R. Parkavi, P. Karthikeyan, A. Sheik Abdullah, S. Sujitha**, Mobile Devices in the Classroom, Handbook of Research on Mobile Devices and Smart Gadgets in K-12 Education, ISBN: 9781522527077, Publisher: IGI Global,2018.
11. **R. Parkavi, P. Karthikeyan**, Linda Ellington, Implications for E-Learning in Adult Education Curriculum, Handbook of Research on Program Development and Assessment Methodologies in K-20 Education, ISBN: 9781522531333, Publisher: IGI Global,2018.

Conference Publications in Teaching and Learning:

12. **P. Karthikeyan, A. M. Abirami, M. Thangavel**, Blended Learning Practices for improving the affective domain of K12 Learners of Madurai District, TN, International Conference on Remote Engineering and Virtual Instrumentation (REV 2019), Bengaluru, 2019.
13. **R. Parkavi, P. Karthikeyan**, A Social Network Analytic Model for Exploring the Behavioral Interactions among School Students, International Conference on Business Analytics and Intelligence (ICBAI 2018), Indian Institute of Science, Bengaluru, 2018.
14. **R. Suganya, M. Kameswari**, Transformation of cognitive level in interfacing automata theory and Grammar with Compiler design and its applications through collaborative teaching and learning, presented in IUCEE on ICTIEE 2019 at Chitkara University, Punjab, 2019.

15. **P. Karthikeyan, K. V. Uma, A. M. Abirami, M. Thangavel**, Efficient Assessment Methods for Improving the Programme Outcomes of Undergraduate – Information Technology Programme in India, Proceedings of IEEE International Conference on MOOCs, Innovation and Technology in Education (MITE), TCE, Madurai, 2016.
16. **R. Parkavi, P. Karthikeyan**, ICT and ALS for Information Technology Programme Courses to implement OBE: A Survey, Proceedings of IEEE International Conference on MOOCs, Innovation and Technology in Education (MITE), TCE, Madurai, 2016.
17. **P. Karthikeyan, S. Thiruchadai Pandeewari**, I. A. S. Michlin Ruby, EIAT: Enhanced Indirect Assessment Tool for Assessing the Graduate Degree Programme Outcomes, Proceedings of IEEE International Conference on MOOCs, Innovation and Technology in Education (MITE), TCE, Madurai, 2016.
18. **A. M. Abirami, C. V. Nisha Angeline, Raja Lavanya**, A. Divya, Active Learning Environment for achieving Higher-Order Thinking skills in Engineering Education, Proceedings of IEEE International Conference on MOOCs, Innovation and Technology in Education (MITE), TCE, Madurai, 2016.
19. R. Leena Sri, **S. Muthuramalingam**, A Novel Summative Grading Assessment strategy for Improving Students Performance, Proceedings of IEEE International Conference on MOOCs, Innovation and Technology in Education (MITE), TCE, Madurai, 2016.
20. **R. Suganya**, S. Rajaram, J. Kesavarajkumar, T. Senthil Kumar, Role of Teacher in Outcome Based Education : Facts and Trends, Proceedings of IEEE International Conference on MOOCs, Innovation and Technology in Education (MITE), TCE, Madurai, 2016.
21. **P. Karthikeyan, K. V. Uma, S. Pudumalar**, Effectiveness of Mobile Learning at TCE, India: A Learner Perspective, Proceedings of IEEE International Conference on Technology for Education (T4E), NIT Warangal, 2015.