

# Publications

## Journals

1. Quantitative and Qualitative Analysis of AI and ML Projects on GitHub by the First time Contributors, Computer Science & Engineering: An International Journal, vol.12, no.6, pp. 19-26, 2022
2. Thiruchadai Pandeewari S. and Padmavathi, S., 2022. Survey on Service Placement, Provisioning, and Composition for Fog-Based IoT Systems. International Journal of Cloud Applications and Computing (IJCAC), 12(1), pp.1-14.
3. Anitha D., Jeyamala C. , Thiruvengadam S.J.and Saravana Perumaal S, An Experimental Journey with Self-Made Online Courses: How does it differ? Journal of Engineering Education Transformations,DOI: 10.16920/jeet/2023/v36is2/23023;Year: 2023, Volume: 36, Issue: Special Issue 2, Pages: 166-172
4. Anitha D., Kavitha D., Jeyamala C., and Sharmila P, Lessons from a Blended Learning Implementation – What to do and what not to do?, Journal of Engineering Education Transformations, DOI: 10.16920/jeet/2023/v36is2/23010; Year: 2023, Volume: 36, Issue: Special Issue 2, Pages: 66-72
5. Jeyamala Chandrasekaran, Anitha D, and Uma K.V, An Effective Instructional Design to Enhance Learning Outcomes of Information Security Course in Online Mode, Journal of Engineering Education Transformations (Scopus - Q3), DOI: 10.16920/jeet/2023/v36is2/23047, Year: 2023, Volume: 36, Issue: Special Issue 2, Pages: 319-325
6. K.V.Uma,P.Juhi Padmaja,D.Vinoodhini,StackedFeature Selectionand C5.0 Classification Model with Tsallis Entropy for Medical Dataset,JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS, Vol 13,pp 393-399,DOI: <https://doi.org/10.47750/pnr.2022.13.S03.065>,September 2022
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8. Peer-to-Peer Learning Process (PPLP) Framework to Enhance Problem Solving Skills, Journal of Engineering Education Transformations, vol.36, no.2, pp.244-248, 2023
9. STARS Model: An Instructional Approach for Enhancing Skill Sets of Engineering Students, Journal of Engineering Education Transformations, vol.36, no.2, pp.367-375, 2023
10. Measuring Emotional Intelligence Competency of Undergraduate Students during Online Class learning, Journal of Engineering Education Transformations, vol.36, no.2, pp.214-220, 2023
11. Thiruchadai Pandeewari , Jeyamala , Pudumalar , Uma K.V, Deisy .C,"An Empirical Study on the Impact of Industry Supported Courses in enhancing the Graduate Outcomes",Year: 2022, Volume: 35, Issue: Special Issue 1, Pages: 262-269,DOI: 10.16920/jeet/2022/v35is1/22038 (Q3)
12. P. Sharmila1,\*, C. Deisy, S. Parthasarathy,"Ext-ICAS: A Novel Self-Normalized Extractive Intra Cosine Attention Similarity Summarization", Computer Systems Science and Engineering ,Vol.45, No.1, 2023, pp.377-393, doi:10.32604/csse.2023.027481(Q3)

13. "PDHS: Pattern-Based Deep Hate Speech Detection With Improved Tweet Representation", IEEE Access, P. Sharmila; Kalaiarasi Sonai Muthu Anbananthen; Deisy Chelliah and Sudhaman Parthasarathy, Vol10, PP.105366 - 105376, DOI :DOI: 10.1109/ACCESS.2022.3210177,(Q1)
14. Mercelin Francis, Kalaiarasi Sonai Muthu Anbananthen, Deisy Chelliah and Sridevi Subbiah, "Smart Farm-Care using a Deep Learning Model on Mobile Phones", Emerging Science Journal(Q1), Vol7,(2), 2023 Doi: 10.28991/ESJ-2023-07-02-013
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### Conferences

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2. An Intelligent Emotion Recognition System (IERS): Student Engagement Dashboard, International Conference on Next Generation Computing Systems, 2023

3. GL Sankara Subramaniyan, S Yajith Vishwa, T Yogith, KV Uma, C Deisy,"Document Classification And Automatic Grading",IEEE,2022 Second International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT),DOI: 10.1109/ICAECT54875.2022.9808008
4. "Backpack Energy Harvesting System",Aung Moe Zaw, MKA Ahmad Khan, C Deisy, S Sridevi, M Suresh, Zuliani Binti Zulkoffli,2022 IEEE 5th International Symposium in Robotics and Manufacturing Automation,DOI: 10.1109/ROMA55875.2022.9915689
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17. "Implication with social Media Data Using KNN Algorithm", International Conference onInformation Sciences and Renewable energy Sources -March 2019.
18. "Hashing based on edit distance constrain using string similarity search", International Conference onInnovations in Engineering, Technology & Science- march 2019.
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23. M. K. A. Ahamed Khan, C. Deisy and S. Sridevi,"Development of a Laboratory-Scale Pipeline Crack Inspection Robot",IEEE International Conference on Automatic Control and Intelligent Systems (I2CACIS),2021
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25. AM Rajeswari, C Deisy, J Preethi, "Generation of temporal class association rules from quantitative data using evolutionary approach",2013 IEEE International Conference ON Emerging Trends in Computing, Communication and Nanotechnology (ICECCN)
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27. "Performance Analysis of Regression Models in Solar PV Forecasting", 3rd IEEE International Conference on Artificial Intelligence and Signal Processing(AISP'23),18th-20th March,2023,VIT-AP.

### Books

1. K. V. Uma , T. Janani Priya, K. P. Sabari Priya ,and Jennifer Priscilla Vincent.Application of Data Mining Algorithms for the Detection of Non-functional Bore Wells,Research Developments in Science and Technology Vol. 9,Print ISBN: 978-93-5547-549-7, eBook ISBN: 978-93-5547-557-2,July 2022
2. T. Janani Priya, K. P. Sabari Priya, L. Raxxelyn Jenneyl, and K. V. Uma,Automatic Question Generation from Video, Computational Intelligence in Pattern Recognition, Lecture Notes in Networks and Systems, Volume 480
3. "Privacy and Security through Blockchain in Industry 4.0: An Industrial Cybersecurity Perspective", Book of Applications of Data Science and Cybersecurity Innovations in Industry 4.0 Technologies, IGI Global, 2023
4. Kavitha D., Anitha D., Jeyamala C, Identification of Student Groups for Smart Tutoring and Collaborative Learning Based on Online Activities Using Neural Networks, Handbook of Research on Data Science and Cybersecurity Innovations in Industry 4.0 Technologies, 10.4018/978-1-6684-8145-5, June 2023
5. K.V.Uma,Aakash V,Deisy C, Chapter :Smart Surveillance System Using Deep Learning Approaches in the Handbook of Research on Computer Vision and Image Processing in the Deep Learning Era,IGI Global, October 2022,DOI: 10.4018/978-1-7998-8892-5 ,ISBN13: 9781799888925
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9. "A Decision Support System for Understanding the Importance of Two-Dosage Vaccination", R. Saraswathi Meena, R. Saranya, C. Deisy, S. Parthasarathy, S. Sridevi & M. K. A. A. Khan , Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 139), Springer
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11. Abisheka Pon, C. Deisy and P. Sharmila, "A Case-Study on Topic Modeling Approach with Latent Dirichlet Allocation (LDA) Model", SCRS Book Series on Computing and Intelligent Systems, 2022, DOI: <https://doi.org/10.52458/978-81-95502-00-4-30>