



RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH

Department of Mathematics

Academic Year 2020-21

No. of Journal Publication	No. of Conference Publication
4	6

Journal Publication

1. R. Angeline Chella Rajathi, **U. Kumaran**, and M. Kiruthika, published a paper entitled, “Matrix Representation of Finite Soft Topologies” in International Journal of Mathematical Archive 12(3), 2021, 6-11.
2. **K.Basari Kodi, R.Subasree and L.Sathikala**, published a paper entitled, “Scope for application of Topological spaces in Data Granulation through a new class of nearly open set Semi* Regular*- Open sets” in Turkish Journal of Computer and Mathematics Education, Vol.12 No.2 (2021), 2176 – 2179.
3. **L.Sathikala, K.Basari Kodi and K.Subramanian**, published a paper entitled, “Connected and Total Vertex covering in Graphs” in Turkish Journal of Computer and Mathematics Education, Vol.12 No.2 (2021), 2180 – 2185.
4. **G. Selvaraj, T. Manimaran and T. Selvaganesh**, published a paper entitled, “Numerical Solution for Linear Programming Problem with A Fuzzy Objective Function” in Gazi University Journal of Science, 34 (02), pp. 179-188, 2021.



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Conference Publication

1. **L.Sathikala, K.Subramanian**, published a paper entitled, “Connected and Total vertex coverings in Graphs” in Proceedings of International Web Conference on Smart Engineering Technologies – 2020, organized by RIT on 26-27, June 2020.
2. **T.Selvaganesh, T.Manimaran, U.Kumaran**, published a paper entitled, “A Characterization of Strongly Gorenstein x_y - projective and x_y - injective modules” in Proceedings of International Web Conference on Smart Engineering Technologies – 2020, organized by RIT on 26-27, June 2020.
3. **G.Selvaraj**, published a paper entitled, “A solution for linear programming problem with fuzzy objective function” in Proceedings of International Web Conference on Smart Engineering Technologies – 2020, organized by RIT on 26-27, June 2020.
4. **R.Subasree K.Basari Kodi**, published a paper entitled, “On $b\omega$ - Closed sets in Intuitionistic Fuzzy Topological Spaces” in Proceedings of International Web Conference on Smart Engineering Technologies – 2020, organized by RIT on 26-27, June 2020.
5. **K.Basari Kodi, L. Sathikala and K. Subramanian**, published a paper entitled, “On M-Semi-Open Sets” in Proceedings of National Web Conference on Challenges and Innovation in Engineering and Technology-2021, organized by RIT on 26-27, 19-20, March 2021.
6. S. Jackson, T. Gnanapoo Denosha and **R. Subasree**, published a paper entitled, “On Fuzzy JD-Open sets in Fuzzy Topological Spaces” in Proceedings of National Web Conference on Challenges and Innovation in Engineering and Technology-2021, organized by RIT on 26-27, 19-20, March 2021.