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SAI RAM INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF MATHEMATICS



Name : Dr. Y. SHERLIN NISHA

Designation : Associate Professor

Email : sherlin.maths@sairamit.edu.in

Qualification : M.Sc, M.Phil, Ph.D.

Specialization : Graph Theory

Research Interest : Detour concepts in Graph Theory

Experience in years : Teaching UG try

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	8
Publications	6
Research Funded Projects	Nil
Patents	Nil

Achievements	1.I-EEE-A-100%-MATHS-I(2014-2015) ODD 2.II-CSE-A-100%- TPDE(2014-2015)ODD 3.II ECE A-100%- TPDE(2014-2015) ODD 4.II CSE B-100% PQT (2015-2016)EVEN 5.II IT-C-100% PQT(2015-2016)EVEN 6.I CSE-A-100%-MATHS-II(2016-2017)-EVEN 7 II ECE-C-100%-PRP(2016-2017)-EVEN 8.II CSE-C-100%-TPDE(2017-18)-ODD 9. I ECE B -100%-MATHS-II(2018-19)-EVEN
Any Other Information	

List of Publications:

1. S. Prabhu , Y. Sherlin Nisha , K.S. Sudhakar, **Detour Distance Sequence of Grid and Grid Derived Networks , International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST)**, Vol.4, Issue.9, September 2018, ISSN (ONLINE):2456-5717.
2. S. Prabhu, Y. Sherlin Nisha, **Identification of Certain Molecular descriptors of C4[p, q] nanosheet, TUC4[p, q] nanotube and TC4[p, q] nanotori using Combinatorial Computation. Tierärztliche Praxis**, Vol 39, Issue 11, November – 2019, ISSN: 0303-6286, 259-272.
3. S. Prabhu and Y. Sherlin Nisha, **On Detour Index of Join of Graphs**, (eds.), **Advances in Electrical and Computer Technologies**, Lecture Notes in Electrical Engineering (2021) , Vol.711, 983-989.
4. S. Prabhu, Y. Sherlin Nisha, M.Arulperumjothi,, D. Sagaya Rani Jeba & V. Manimozhi, **On detour index of cycloparaphenylene and polyphenylene molecular structures**,**Scientific Reports**, (2021) **11:15264**.
5. R.Kavitha, bL.Jeyanthi, S.M. Chithra, Sherlin Nisha, **NUMERICAL INVESTIGATION OF MHD HYBRID CU – AL2O3/WATER NANOFLUID WITH THERMAL RADIATION**, Vol. 43, JOURNAL OF AERONAUTICAL MATERIALS, ISSN: 1005-5053, Issue-01, 2023, pp. 330-350.
6. Y. Sherlin Nisha, V. Rajeswari, **On Hamilton-connectedness and detour concepts of Generalized Sierpin' ski Graphs**, **International Journal of Scientific Research in Engineering and Management (IJSREM)**, ISSN: 2582-3930, Volume: 07 Issue: 06, pp:1-6.

List of Patent :Nil

Workshop / Conferences / FDP Attended: Workshop / Conferences / FDP Attended:-

1. **Paper presented in two days International Conference on Mathematical Computer Engineering, at VIT University, Chennai Campus on 3-4 November 2017.**
2. **Paper presented in two days International Conference on Contemporary Approaches in Mathematics and Emerging Engineering Trends, at AVIT on 26th & 27th April 2018.**
3. Attended the FDP on **“Discrete Mathematics & Graph Theory”** held on 30th June and 1st July 2016 in KCG College of Technology, Chennai.
4. Attended the Workshop on **“Graph Theory and Discrete Mathematics”** held on 20th & 21st August 2015 in Sri SaiRam Institute of Technology, Chennai.
5. Attended the National Seminar on **“Recent Trends in Graph Theory & Combinatorics”** Organized by Meenakshi College for Women.
6. **Paper presented in two National Conference on Emerging Trends in Mathematical Sciences, at S. A. Engineering college, Chennai Campus on 20th December 2018.**
7. Attended Two days International Workshop on **“Graph Theory and Internet Things in Engineering”** held on 13-14 July 2018 in VIT ,Chennai.
8. **Presented a paper on “Detour Concepts in Graph Theory”** in Faculty Research Day Held on 26th April 2018 in Sri Venkateswara College of Engineering, Sriperumbudur.

Workshop / Conferences / FDP Organized:

1. Organized one day seminar in the topic **“ IDEAS FOR START-UP FUNDING”** held on 24.02.2023.

