



Sri SAI RAM INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF MATHEMATICS

Name : Dr.S. CELINE PRABHA
 Designation : Assistant Professor
 Email : celine.maths@sairamit.edu.in
 Qualification : M.Sc.,M.Phil.,Ph.D.
 Specialization : Mathematics
 Research Interest : Algebraic Graph Theory



Experience in years : **Teaching** UG PG **Industry**
 No. of Workshop/Conferences/
 FDP attended : Workshop Conferences
 No. of Workshop/Conferences/
 FDP Organized : Workshop Conferences FDP

Professional Membership	Life member of IAENG. <input type="checkbox"/> Life member of MTTF. <input type="checkbox"/> Life member of IRED. <input type="checkbox"/> Life member of SWIDC. <input type="checkbox"/> Life member of CITE Member of IEEE
Publications	International Journal : 7
	National : 5
Research Funded Projects	-
Patents	-

Achievements	<p>1. NITTTR MODELUES: All the Modules from 1-8. □</p> <p>2. More than 100 Online courses in all the platforms like Coursera, Infosys Spring board, Edx, Udemy. □</p> <p>3. NPTEL-Graph Theory and it's Applications-87% with Silver Medal. □</p> <p>4. Attended more than 20 FDP's including ATAL, UGC, AICTE, NITTTR, NPTEL.</p>
Any Other Information	<p>1. Delivered online lecture on "Graph Theory in Real life" in the National webinar organized by Vivekananda college of Arts and Science, Namkal on 17.02.2021. □</p> <p>2. Acted as a Chair person for the paper presentation session through online mode in International conference on mathematical modeling and computational intelligence techniques held during 10.02.2021- 12.02.2021 organized by department of Mathematics, The Gandhigram Rural Institute (Deemed to be University), Gandhigram, Dindigul.</p> <p>3. Delivered a Guest lecture on "Distance graphs and it's applications" organized by Srimad Aandavan college of Arts and Science, Trichy on 09.09.2022.</p> <p>4. Delivered a Guest lecture on "Applications of Graph Theory" organized by National College of Arts and Science, Trichy on 17.09.2022.</p> <p>5. Delivered a Guest lecture on "Applications of Graph Theory" organized by St. Xavier's College of Management and Technology on 13.05.2023.</p>

List of Publications:-

1. S.Celine Prabha, Solutions of Detour Distance Graph Equations, Sensors, 14(2020), 353-365, Equations. Sensors 2022, 22, 8440. DOI: <https://doi.org/10.3390/s22218440>. (SCI)
2. R. Rajkumar and S.Celine Prabha, Solutions of Graph equations of 2-distance graphs, AIP Conference Proceedings 2112, 020109 (2019); <https://doi.org/10.1063/1.5112294>. (Scopus, Web of Science)
3. S.Celine Prabha, Distance graphs of cycle and Lollipop graph, South East Asian J. of Mathematics and Mathematical Sciences, Vol. 21, Proceedings (2022), pp. 163-176. (Scopus)
4. R. Rajkumar and S. Celine Prabha, On Characterization of distance graphs of a path, Bulletin of International Mathematical Virtual Institute, 8 (2018), 315-323. (Scopus)

5. R. Rajkumar and S. Celine Prabha, Some results of solving n-distance graph equations, International journal of Pure and Applied Mathematics, 13 (2017), 178-184. (Scopus)
6. R. Rajkumar and S. Celine Prabha, Solutions of some 3-distance graph equations, International journal of Pure and Applied Mathematics, 13 (2017), 186-194. (Scopus)
7. R. Rajkumar and S. Celine Prabha, 1-Intersection graph of subtrees of a tree, Jamal Academic Research Journal: An Interdisciplinary, Special Issue (February 2016), pp: 85-92. (UGC Care list Journal)

List of Patent :Nil

Workshop / Conferences / FDP Attended:-

Attended the Symposium on Mathematical Modeling and Soft computing organized by GRI, Gandhigram during 27-03-2014 to 28-03-2014. □

Presented an article entitled on 1-intersection graph of sub trees of a tree in the National Conference on Graph theory and its applications held at Jamal Mohamed College, Trichy during 10-02-2016 to 11-02-2016. □

Presented an article entitled on Solutions of some 3-distance graph equations in the International Conference on Discrete and Computational Mathematics held at Gandhigram Rural Institute- Deemed University during 16-02-2017 to 18-02-2017. □

Presented an article entitled on Solutions of graph equations of 2-distance graph equations in the International Conference on Mathematical Modeling and computational Methods in Sciences and Engineering held at Alagappa University, Karaikudi during 20-02-2017 to 22-02-2017. □

Presented an article entitled on Some results of solving n-distance graph equations in the National Conference on Mathematical Modeling for Engineering held at A. V. C College of Engineering on 08-04-2017.

Presented an article entitled on Graph equations for line graphs and 3-distance graphs in the National Conference on Mathematical Modeling held at Cardamom Planter's Association College, Bodinayakanur during 30-03-2017 to 31-03-2017. □

Presented an article entitled on Graph On Characterization of Distance graphs of Cycle, Lollipop, $H(m_1, l, m_2)$ and $S(l, m)$ in the National Conference on Recent frontiers in Fractional calculus theory and its applications (NCFCTA 2021), organized by Department of Mathematics, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai, Tamil nadu from 07th March 2021 to 08th March 2021. □

Presented an article entitled on Distance graphs of cycle and lollipop graph in the International Conference on Mathematical Sciences and applications held at St Joseph's College from 09.03.2022- 11.03.2022.

Attended More than 20 Fdp's, 20 Workshops, 20 Webinars.

Workshop / Conferences / FDP Organized:-

1. Organized a National Conference on Recent frontiers in Fractional calculus theory and its applications (NCFCTA 2021) at Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai, Tamil nadu from 07th March 2021 to 08th March 2021.