


Sri Sai Ram Engineering College
Department Of Humanities And Sciences

<i>Name : Dr. P. Nataraj</i>	
<i>Designation :</i>	<i>Assistant Professor</i>
<i>Qualification :</i>	<i>M.Sc., M.Phil., Ph.D.,</i>
<i>Area of Specialization :</i>	<i>Mathematics</i>
<i>Experience :</i>	<i>Teaching : UG : 12 years</i> <i>PG : 2 yrs</i>
	<i>Industry : Nil</i>
<i>No. of Workshop / Conferences / FDP attended</i>	<i>Workshop – 2 / Conferences – 5 / FDP – 3</i>
<i>Publications :</i>	<i>Journals</i> <i>National : 1</i> <i>International : 8</i>
	<i>Conferences</i> <i>National :-</i> <i>International :-</i>
<i>Research Guidance :</i>	<i>Nil</i>
<i>General :</i>	<i>Nil</i>
<i>Staff Achievements:</i>	<i>Completed NPTEL course “Foundations of R software” with Elite+Silver.</i>

Educational Qualification:

Category	Name of	Specialization	Year of	Name of the	Name of	% of	Class
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	the Degree		Passing	College	the University	Marks / Grades obtained	obtained
<i>UG</i>	<i>B.Sc.,</i>	<i>Mathematics</i>	<i>2007</i>	<i>Sree Sevugan Annamalai College, Devakottai.</i>	<i>Alagappa University</i>	<i>69.67</i>	<i>First</i>
<i>PG</i>	<i>M.Sc.,</i>	<i>Mathematics</i>	<i>2009</i>	<i>Saraswathi Narayanan College, Madurai</i>	<i>Madurai Kamaraj University</i>	<i>79.05</i>	<i>First</i>
	<i>M.Phil.,</i>	<i>Mathematics</i>	<i>2010</i>	<i>Saraswathi Narayanan College, Madurai</i>	<i>Madurai Kamaraj University</i>	<i>81</i>	<i>First</i>
<i>Ph.D.</i>	<i>Ph.D.</i>	<i>Graph Theory</i>	<i>2022</i>	<i>Ramanujan Research Center in Mathematics, Saraswathi Narayanan College, Madurai</i>	<i>Madurai Kamaraj University</i>	<i>-</i>	<i>-</i>

Academic Experience: (as on 31.12.2023)

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
<i>VSB Engineering College, Karur</i>	<i>Lecturer</i>	<i>01.12.2010</i>	<i>30.06.2012</i>	<i>1</i>	<i>6</i>	<i>30</i>
<i>SSM Institute of Engineering and Technology, Dindigul</i>	<i>Assistant Professor</i>	<i>13.08.2012</i>	<i>06.05.2019</i>	<i>6</i>	<i>8</i>	<i>25</i>
<i>The Madura College (Autonomous), Madurai</i>	<i>Assistant Professor</i>	<i>17.06.2019</i>	<i>07.07.2022</i>	<i>3</i>	<i>0</i>	<i>22</i>
<i>Sri Sairam Engineering College, Chennai</i>	<i>Assistant Professor</i>	<i>18.07.2022</i>	<i>Till date</i>	<i>1</i>	<i>5</i>	<i>14</i>
Total				12	10	0

PUBLICATIONS

Journals:

1. P. Nataraj, A. Wilson Baskar, V. Swaminathan, Outer connected equitable dominating sets in a graph, *South East Asian J. of Mathematics and Mathematical Sciences* Vol. 17, No. 2 (2021), pp. 215 – 224.
2. P. Nataraj, A. Wilson Baskar, V. Swaminathan, Equitable Common Neighbour Equitable Domination in Graphs, *Indian Journal of Natural Sciences* Vol. 12, Issue. 67 (2021), pp. 32970 – 32975.
3. P. Nataraj, Sundareswaran Raman, V. Swaminathan, Equitably strong non-split equitable domination in graphs, *Proyecciones Journal of Mathematics*, Vol 40, No.4 (2021). <https://doi.org/10.22199/issn.0717-6279-4497>.
4. V. Swaminathan, R. Sundareswaran, D. Lakshmanaraj, P. Nataraj, L. Muthusubramanian, Equitable fair domination in graphs, *Discrete Mathematics, Algorithms and Applications*, Vol.13, No.6 (2021) 2150083. <https://doi.org/10.1142/S179383092150083X>.
5. P. Nataraj, R. Sundareswaran, V. Swaminathan, Complementary equitably totally disconnected equitable domination in graphs, *Discrete Mathematics, Algorithms and Applications*. (2021) 2150043. <https://doi.org/10.1142/S1793830921500439>.
6. J. Sivakumar, A. Wilson Baskar, R. Sundareswaran, P. Nataraj, and V. Swaminathan, Outer Connected Resolving Sets in a graph, *Advances in Mathematics: Scientific Journal* 10 (2021), no.3, 1367 – 1376. <https://doi.org/10.37418/amsj.10.3.25>
7. P. Nataraj, A. Wilson Baskar, V. Swaminathan, γ_e - graphs of graphs, *South East Asian J. of Mathematics and Mathematical Sciences* Vol. 16, No. 2 (2020), pp. 263 – 270.
8. P. Nataraj, A. Wilson Baskar, V. Swaminathan, Super equitable domination in graphs, *Advances in Mathematics: Scientific Journal* 9 (2020), No.7, 4923 – 4928. <https://doi.org/10.37418/amsj.9.7.57>
9. A. Wilson Baskar, P. Nataraj, A note on average domination and independent domination numbers in graphs, *Bulletin of IMVI*, Vol. 8 (3) (2018), 423 – 430.

DOI: 10.7251/BIMVI1803423N

Conferences/Seminars/Webinars:

1. A Three-Day National Level Webinar - Dr. V. Swaminathan Endowment Lecture series on Recent Trends in Graph Theory during 22nd – 24th June 2020 organized by P.G. & Research Department of Mathematics Government Arts College, Paramakudi - 623 701.
2. Webinar on 'NP-Completeness' organized by Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai 127 on 17th June 2020.

3. *“One Day National Webinar on Graph Theory” on 12.06.2020 organized by the PG & Research Department of Mathematics, Government Arts College (Grade-1), C.Mutur, Chidambaram - 608 102.*
4. *International Conference in Mathematical Methods and Computation, ICOMAC 2020, 19th February 2020, organized by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli.*
5. *International Conference on Graph Theory and its Applications, ICGTA-2019, November 20 – 21, 2019 organized by Department of Mathematics, SSN College of Engineering, Chennai, Tamilnadu.*
6. *International Conference on Recent Advances in Pure and Applied Mathematics, ICRAPAM-2019, 27th & 28th August 2019, organized by Raja Doraisingam Government Arts College, Sivagangai.*
7. *13th Annual ADMA Conference and Graph Theory Day–XIII during 08–10, June–2017 held at SSN College of Engineering, Kalavakkam - 603110.*
8. *TEQIP sponsored A two-day National Conference on “Current Trends in Graph Theory and Computation” organized by the Department of Mathematics, Thiagarajar College of Engineering, Madurai held during February 23 – 24, 2017.*
9. *One day State Level Seminar on “Domination and Labelling in Graphs”, conducted by Department of Mathematics, Syed Ammal Arts and Science College on 20th September 2014.*

Workshops:

1. *Virtual National Workshop on “Invitation to the Theory of NP – Completeness” organized by the Department of Mathematics, Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Tamil Nadu, India during 25-26, March 2022.*
2. *Two days workshop on Graph Theory and its Applications, organized by Department of Mathematics, The Madura College, Madurai, during 27 – 28 November 2014.*

FDP:

1. *One-week Faculty Development Programme on “Probability and Statistics (with hands on training using virtual MATLAB & R)” organized by School of Advanced Sciences, Department of Mathematics, Kalasalingam Academy of Research and Education, Krishnankoil during May 16-22, 2020.*
2. *One-week Faculty Development Training Programme on “MA6151 – Mathematics I”, conducted by Department of Mathematics, SSMIET from 16th to 22nd June 2015.*
3. *One-week Faculty Development Training Programme on “MA6351 – Transforms and Partial Differential Equations”, conducted by Department of Mathematics, SSMIET, Dindigul from 23rd to 29th June 2014.*