



Name : Dr.V.Vanitha
Qualification : M.Sc., M.Phil., Ph.d.,
Email ID : rajarajanvani@gmail.com
Date of joining : 09.09.2017
Publications :

PUBLICATIONS IN JOURNALS

1. “Directed Edge - Graceful Labeling of Trees”, Elixir Applied Mathematics, 36 (2011) 3062 – 3066.
2. “Directed Edge - Graceful Labeling of the Graph $T_{t,n,m}$ ”, International Journal of Engineering Sciences, Advanced Computing and Bio – Technology, Vol. 1, No. 4, Oct – Dec 2010, pp. 170 -182.
3. “Directed Edge - Graceful Labeling of Cycle and Star Related Graphs”, International Journal of Mathematics and Soft Computing, Vol. 01, No. 1, Aug 2011, pp. 89-104.
4. “Directed Edge - Graceful Labeling of Some Trees and Cycle Related Graphs”, Accepted for Publication in Bharathidasan University Journal of Science and Technology.
5. “Directed Edge - Graceful Labeling of Flag and the graph $JE_{m,n}$ ”, Accepted for Publication in Acta Ciencia Indica.

6. “Directed Edge - Graceful Labeling of Star Related Trees”, Global Journal of Pure and Applied Mathematics Vol. 12, No. 3, 2016, p. 357-363(**Scopus indexed Journal**).
7. ” Directed Edge – Graceful labeling of one point union of M- copies of path Graph”, Journal of Algebraic Statistics, Volume13, No,3, 2022, p. 1737-1755

PUBLICATION IN PROCEEDINGS

1. “Directed Edge - Graceful Labeling of Path and Star Related Trees,” Proceedings of the International Conference on Mathematics and Computer Science ICMCS 2011 January 7-8, 2011.

Conference / Workshops attended

1. **International Conference on Mathematics and Computer Science (ICMCS 2011).**

Organizer : PG and Research Department of Mathematics.

Loyola College, Chennai – 600 034.

Paper Title : Directed Edge - Graceful Labeling of Path and Star Related Trees

Date : January 7 -8, 2011

2. **National Conference on Recent Advances in Pure and Applied Mathematics (NCRAPAM 2011).**

Organizer : Department of Mathematics, Government Arts College for Women (Autonomous)

(Accredited with B⁺⁺ by NAAC), Pudukkottai-1.

Paper Title : Directed Edge - Graceful Labeling of Some Graphs.

Date : 28th and 29th January 2011.

3. National Symposium on Mathematical Methods and Applications.

Organizer : Department of Mathematics, Indian Institute of Technology Madras, Chennai.

Date : December 22nd, 2006.

4. National Conference on Applications of Mathematics (NCAMPEVR 2007).

Organizer : P.G. and Research Department of Mathematics,
Periyar E.V.R. College
(Autonomous and Accredited), Trichy - 23.

Date : March 22nd and 23rd, 2007.

PARTICIPATION IN WORKSHOPS

1. One – Day Workshop for Ph.D. Scholars Research Orientation (First Public Review Workshop).

Organizer : Mother Teresa Women's University, Research and Extension Centre, Madurai.

Date : August 31st, 2007.

2. One – Day Workshop for Ph.D. Scholars Research Orientation (Special Public Review Workshop).

Organizer : Mother Teresa Women's University, Research and Extension Centre, Chennai.

Date : January 3rd, 2009.

3. National Workshop on Recent Developments in “Graph Theory”

Organizer : Department of Mathematics, Ramanujan School of
Mathematical Sciences, Pondicherry University,
Pondicherry-605 014, India funded by UGC-SAP.

Date : Feb 7th to 9th, 2011.

4. Workshop on Art of Scientific Article Writing (Sponsored by TANSICHE, Chennai)

Organizer : Departments of Mathematics,
Chemistry, Zoology and Geography,
Periyar E.V.R. College (Autonomous), Trichy.

Date : March 11th and 12th, 2011.

5. .Attended Residential –Faculty Development Programme from
11/09/2017 to 15/09/2017

Books Published: Nil

Lectures:

1. National Conference on Algebra, Analysis and Graph Theory
(NCAAG-2017), On February 9th to 11th 2017.
Department of Mathematics, Saurashtra University, Rajkot – 360 005,
Gujarat.
Title: Directed Edge – Graceful Labeling.

2. Delivered a lecture on “Algebra and its Applications” at Vivekananda College of Arts and Science for Women, Sirkali – 609 110

Experience:

- a. Worked as a Lecturer in Dhanalakshmi Srinivasan Engg. College, Perambalur from May 2004 to May 2008.
- b. Worked as an Assistant Professor in Sona College of Technology, Salem-5, TamilNadu, from July 2014 to July 2015.
- c. Worked as an Associate Professor in Manakula Vinayagar Institute of Technology, Kalitheerthalkuppam, Mannadipet commune, Puducherry from July 2015 to 8th September 2017
- d. Presently working as an Assistant Professor (SS) in National College, Trichy from 9th September 2017 onwards.

Achievements:

- a. Received Certificate of Merit for Excellence in YOGA IP during PRCN course at OTA Gwalior in 2018.
- b. Received Silver Medal during PRCN course at OTA Gwalior in 2018.
- c. Received Best ANO award from NCC, Group Commander, Trichy in 2022.

Research (i) Ph.D., Guided: Nil

(ii) Sponsored Research: Nil

Membership: Life time member in ADMA, MISTE

Extension Activities:

S.No.	Activities
1	Associate NCC officer , 4(TN) Girls Bn NCC from 2017 to 2023
2	Organised Blood Donation Camp on 28/11/2017(60 th NCC Day celebration)
3	Detailed Annual Training camp-cum-Pre NIC-II at RSK Girls HSS, Trichy.
4	Women's Hostel Deputy Warden from 2019 to 2020.
5	Conducted Awareness Rally(World Water Day Celebration) on 23-03-2019
6	All India NCC Girls Trekking Expedition At Ooty from 06/05/2019 to 13/05/2019
7	Annual Training & Adm Conference on 18/06/2019
8	Celebrated 20 th Kargil Vijay Diwas on 26/07/2019
9	Organizing NCC C certificate Exam for Trichy group.
10	Organised Motivational Programme for NCC cadets on 23/07/2019
11	<u>Swachhta Pakhwada</u> a. Mass Awareness Rally on 02/12/2019 b. Plogging & cleaning in local area on 07/12/2019 c. Monument cleaning in local areas on 12/12/2019 d. Seminar on plastic waste management-The way ahead on 13/12/2019 e. Plogging on 14/12/2019

12	Fresher day Celebration in Women's hostel on 11/07/2019
13	Christmas Celebration on 22/12/2019 at Women's hostel
14	Detailed in the Camp ATC cum IUC RDC Trg-II at Periyar Maniammai Institute of Science & Technology, Thanjavur
15	Organised NCC Cadre camp at National College.
16	Organised Yoga day Celebrations – 4(TN) Girls Bn NCC
17	Organised webinar on National Integration in Nation Building
18	Organised “Swarnim Vijay Varsh” – Golden Jubilee year of Indo-Pak War 1971, Receiving Victory flame at National College

