



PROFILE

- 1. Name** : **Dr.P.ANITHA**
- 2. Educational qualification** : **M. Sc., M. Phil.,B.Ed.,Ph.D.,**
- 3. Designation & Address** : Assistant professor
Department of Mathematics
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam- 625533
Theni (DT.)
- 4. Permanent Address** : 10W-51.Suruli Road Kamaya
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Mobile. No. 9442394951
- 5. Date of Birth** : 13/06/1979
- 6. Years of service** : 15 Years

Email id : anieparthi@gmail.com

7. Short term ,Orientation and Refresher Courses attended:

Course	Subject	University	Sponsoring agency	Date
SC	Gender Sensitization	Bharathidasan University, Tiruchirappalli	UGC	21.03.2018 7.03.2018
OC	General	Bharathidasan University, Tiruchirappalli	UGC	12.11.2019 2.11.2019
RC	Mathematics	Bharathidasan University, Tiruchirappalli	UGC	25.11.2020 08.12.2020

8. Papers presented in Conferences/Seminars/Workshops/Symposia etc:

Programme	Title	Institution	Date
National Conference	Edge Chromatic Critical Graphs	Nadar Saraswathi College of Arts and Science for Women,Theni	July 27-28,2011.
National Conference	A Production Inventory System with Machine Break Downs and Retrail Demands	School of Mathematics, Madurai Kamaraj University, Madurai.	March 23-24,2012
National Conference	A Production Inventory System with Machine Break Downs and Postponed Demands	Hajee Karutha Rowther Howdia College, Uthamapalayam	March h 23,-24,2012
International Conference	Vizing Weaker conjecture	PSG College Of Technology, Co imbatore	Jan 3-5 ,2014
International Conference	Vizing Weaker conjecture $(\delta, \Delta) = (7,15)$	Jayaraj Annapackiam College for Women, Periyakulam	December 13,2017
National Conference	Vizing Weaker conjecture $(\delta, \Delta) = (8,15)$	Bishop Heber College, Tiruchirapalli	March 2-3.2018
International Conference	Optimal Control Production time of Perishable Inventory System with postponed demands	Hajee Karutha Rowther Howdia College, Uthamapalayam	September 10, 2018
International Conference	Colourings of critical Graph	Jayaraj Annapackiam College for Women, Periyakulam	December 20,21-2018

National Conference	Neutrosophic Bipolar Vague Line Graph	Mannar Thirumalai Naicker College, Madurai	December 20, 2019
National Conference	A Study on various aspects of dominating and global accurate split edge domination number of some special graphs	Arul Anandar College, Karumathur	February 19, 2020

9. Conferences/seminars/workshops organized:

Programme	Position held	University/college	Date
National seminar	Co-Ordinator	Hajee Karutha Rowther Howdia College, Uthamapalayam.	06.02.2019

10. Guest Lectures delivered:

Institution	Date
Sourashtra College, Madurai	12.02.2019
Mary Matha College of Arts & Science, Periyakulam.	26.02.2020

11 International/National/Webinars/FDP attended:

- Mathematical Modelling held in Jayaraj Annapackiam College for Women, Periyakulam on 17&18 March 2008.
- State Level Workshop on Advanced Stochastic Modelling held at Nadar Saraswathi College of Arts and Science for Women, Theni on 31 August 2009.
- Paper Published in the proceedings of the international conference on Mathematical Modelling And Applied Soft Computing on 11-13 July 2012 at C.I.T, Coimbatore.
- State Level Workshop on Financial Mathematics held on March 27, 2013 at School of Mathematics, Madurai Kamaraj University, Madurai.
- Workshop on Data Analysis Using SPSS held on August 30, 2013 at School of Mathematics, Madurai Kamaraj University, Madurai.
- International Seminar on "Algebra And Applied Mathematics" held in Hajee Karutha Rowther Howdia College, Uthamapalayam on 11.01.2018.

- International Professional Development Workshop held in Hajee Karutha Rowther Howdia College,Uthamapalayam on 30.06.2018.
- National level workshop on “Pedagogy Of Fitness Workouts”Algebra held in Hajee Karutha Rowther Howdia College,Uthamapalayam on 21.06.2019.
- National Seminar on “Applications Of Mathematics in Real Life(AMRL-2019) held in Jayaraj Annapackiam College for Women,Periyakulam on 17.12.2019.
- National Seminar on “Real Analysis and Cryptography” held in Hajee Karutha Rowther Howdia College,Uthamapalayam on 06.02.2020.
- Virtual Short term Training program On “Data science and Statistical Applications” Jointly Organized by Bharathiar University ,Coimbatore,Jamal Mohamed College,Thiruchirapalli for seven days from 15.03.2021 to 22.03 .2021.
- webinar on”Documentation using LATEX” organized by Arsu College of Arts &Science for Women” on 04.05.2020.
- Online quiz on”MathAxis-2020” Conducted by department of Mathematics, in Hajee Karutha Rowther Howdia College,Uthamapalayam on 06.06.2020.
- FDP on”Google Forms and Its Applications” Conducted by Hajee Karutha Rowther Howdia College,Uthamapalayam on 12.10.2020.
- online lecture series on”Advances In Inventory Control &Supply Chain Management” Conducted by Operational Research society Of India,Meerut Chapter on 08-11-2020

12. List of research articles Published in Reputed Journals:

1. P.Anitha, G.Arivarignan and B.Sivakumar, "Stochastic Production Inventory System with Machine Break Downs" Proceedings of the Recent Trends in Dynamical Systems and Mathematical Modelling, Ramanujan Institute for Advanced Study In Mathematics, University Of Madras, Page 44-56 March 2014
2. P.Anitha, "Vizing, s Weaker Conjecture " International journal of Mathematics And its Applications ISSN:2347-1557, 6(3)(2018) 1-8(Special Issue)
3. P.Anitha, "Colourings of Critical Graphs" Journal of Applied Science and Computations, ISSN:0017-2294 December 2018 Volume V, Issue XII, P-124-136.
4. P.Anitha, "Operations On N-Structure Fuzzy Graph Using T-Operators" Adalya Journal, Web of Science group, Volume 10, Issue 1, January 2021, page 31-44, <http://doi.org/10.37896/aj10.1/004>
5. P.Anitha, "Optimal Control Production time of Perishable Inventory System with postponed demands" Int. J. Mathematics in Operational Research, Vol. 19, No. 2, 2021 page 129
6. P.Anitha, "Neutrosophic Bipolar Vague line Graph" Gorteria UGC-CARE (Group-II) Journal, ISSN:0017-2294, Volume 34, Issue 6 July-2021, Page 193-203
7. P.Anitha, "Neutrosophic Bipolar Vague Incidence Graph" Gorteria UGC-CARE (Group-II) Journal, Volume 34, Issue 8 August-2021

13. Other information relevant to academic matters and institutions (if any specify):

- Viva voce Examiner for M.Phil Mathematics at Theni College of Arts and Science, Veerapandi 18.11.2020.

14. M.Phil/Ph.D Guided (Number of candidates guided): M.Phil-7