



SHRIMATI INDIRA GANDHI COLLEGE

(Affiliated to Bharathidasan University)

Nationally Accredited at 'A' Grade (4th Cycle) by NAAC | An ISO 9001 : 2015 Certified Institution
Tiruchirappalli - 620 002

Name : Ms. V.Anbuvalli
Designation : Assistant Professor
Department : PG & Research Department of Mathematics
Qualification : M.Sc.,M.Phil.,
Experience : Teaching: 15 Years Research: -
Area of Specialization(s) : Number Theory
Email (Official ID) : anbuvalli@sigc.edu
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Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
M. Phil	Mathematics	Bharathidasan University	2009
M. Sc	Mathematics	Bharathidasan University	2007
B. Sc	Mathematics	Bharathidasan University	2005

Research Publications (Indexed)

International:

- 1) R. Maheswari, V.Anbuvalli , M.A.Gopalan,V.Vidhya,1594ONtheintegralsolution of hyperbola $8x^2-3y^2=45$,Journal of Engineering Computing Architecture, ISSN NO 1548-7741, Vol 10, Issue 3 2020.Pg. No 1575- 1594 UGC Indexed in Google Scholar
- 2) J.Shanthi,T.Mahalakshmi,V.Anbuvalli,M.A.Gopalan,“On Finding Integer Solutions toThe Homogeneous Cone $7x^2+5y^2=432z^2$ “,AEGAEUMJournal, Volume 8, Issue 4, Pages 744-749, April 2020. ISSN.NO.0776-3808.

- 3) Vidhyalakshmi, S., Mahalakshmi, T., Anbuvali, V. and Gopalan, M.A., “Non-Homogeneous Quintic Equation with five unknowns Vidhyabharati International Interdisciplinary Research Journal, Special Issue, August 2021.
- 4) M.A. Gopalan, S. Vidhyalakshmi, J. Shanthi, V.Anbuvali,” On Finding the Integer solutions of Ternary Quadratic Diophantine equations ” , International Journal of Precious Engineering Research and applications, Volume 7, Issue 1, May 2022.
- 5) J. Shanthi, V.Anbuvali, M.A. Gopalan, S. Vidhyalakshmi,” On Finding the Integer solutions of Homogeneous C one ”, International Journal of Mathematics and Computer Research , Volume 11, Issue 7, July 2023
- 6) V.Anbuvali, K. Kaviya “On the positive pell equation ”, International Journal of Education &Technology, Volume 06, Issue 10, October 2024.
- 7) V.Anbuvali, S. Lavanya “Observation on the Non-Homogeneous second degree equation ”, International Research Journal of Moduization Engineering &Science, Volume 06, Issue 10, October 2024.

Presentations in Conference

- Ms.V.Anbuvali, S. Lavanya “ Observation On the Non-Homogeneous second degree equation”, in the One day International conference on “Emerging Trends in Mathematics and Physical Sciences”, organized by PG & Research Department of Mathematics and Department of Physics , Shrimati Indira Gandhi College, Trichy on 24th September 2024.
- Ms.V.Anbuvali, K. Kaviya “ On the Positive pell equation”, in the One day International conference on “Emerging Trends in Mathematics and Physical Sciences”, organized by PG & Research Department of Mathematics and Department of Physics , Shrimati Indira Gandhi College, Trichy on 24th September 2024.

Participation in Seminars

- Attended the Webinar on “An Introduction to Domination in Graph Theory “at KG College of Arts and Science, Coimbatore on 05.06.2020
- Participated in the Faculty Development Programme on” Mobility in the Noble profession” at Shrimati Indira Gandhi college, Trichy on 20.11.2020
- Participated and presented a paper “On Non homogeneous Quintic equation with Five unknowns” in the International conference on “Multidisciplinary Research towards Sustainable Development” organized by Indian Academicians and Researchers Association (IARA) October 2021.

- Participated in “ Shape Yourself with Siddha” Organized by “ Department of Chemistry, Shrimati Indira Gandhi College” 14.7.2022.
- Participated in the Mathematics Webinar on “ Teaching and Learning of Mathematics Endemic and Beyond” at St. Xavier Institute of education, Mumbai on 27.08.2022.
- Participated in the IP awareness Training under NIPAM on 26.04.2023.
- Participated in an International Webinar on “Applications of MATLAB” organized by the Department of Mathematics & Statistics at ST. FRANCIS COLLEGE ,Bengaluru on 13.07.2023.

Participation in Faculty Development Programme

- Participated in the FDP on “ Math Modelling and Computational Modelling “organized by the Department of Mathematics, CMR Institute of Technology, Bengaluru from 24th Jan 2022 to 28th Jan 2022.
- Participated in the Naan Mudhalvan FDP on “ Advanced Data analytics using Python “organized by the Tamil Nadu Skill development government of Tamilnadu from 22thJan2024 to 31st Jan2024.
- Participated in the "NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme of UGC" organized by UGC Malaviya Mission Teacher Training Centre, Bharathidhasan University, Trichy from 19th Feb 2024 to 28th Feb 2024.
- Participated in the Naan Mudhalvan FDP on “ Drone Pilot Techniques “organized by the Tamil Nadu Skill development Government of Tamil Nadu from 24th June 2024 to 29th June 2024.
- Participated in the Naan Mudhalvan FDP on “ Drone Pilot Applications and Aerial Survey “organized by the Tamil Nadu Skill development Government of Tamil Nadu from 06th Jan 2025 to 11th Jan 2024.