

ANUPRIYA SHETTY

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in anupriyashetty



Objective

A competent Assistant Professor with more than 10 years of teaching experience and good administrative skills, successfully contributing to M.Sc. curriculum development and delivery of M.Sc. Mathematics programme. Driven to contribute to program outcomes by facilitating engagement and supporting learning objectives. Enthusiastic and a committed professional with an excellent academic background.

Education

National Institute of Technology Karnataka

PH.D.: NUMBER THEORY

Surathkal, India

October 2020 - Present

- Completed Ph.D. coursework with a CGPA of 9.77 and submitted the thesis.

Mangalore University

MASTER OF SCIENCE: MATHEMATICS

Mangalagangothri, India

July 2010 - June 2012

- Secured First Rank in M.Sc. Mathematics.
- Elected as the student representative for the Academic Council of Mangalore University for the academic year 2011-2012.

St Agnes College (Autonomous)

BACHELOR OF SCIENCE: PHYSICS, CHEMISTRY, MATHEMATICS

Mangaluru, India

June 2007 - June 2010

- Secured First Rank in B.Sc. Physical Sciences

Professional Experience

St Aloysius (Deemed to be University)

ASSISTANT PROFESSOR STAGE III & HOD

Mangaluru, India

July 2012 - Present

- Coordinating academic and administrative activities of the department.
- Contributed to the revision of course objectives/outcomes, course materials, and assessment strategies for courses offered under M.Sc. Mathematics programme.
- Coordinated the examinations of Post Graduate departments as a Chief Examination Coordinator.
- Mentored students and communicated internship and employment opportunities.
- Guided students on their semester project work.
- Supported weekly Computational Lab sessions, student seminars, and training for competitive exams, contributing to student engagement.

Professional Milestones

CSIR UGC NET

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Cleared in June 2015

All India Rank - 47

Karnataka State Eligibility Test (K-SET)

UNIVERSITY OF MYSORE

Cleared in December 2013

Skills

Programming	C, L ^A T _E X, MATLAB, Scilab, Python.
Software	Microsoft Office, Google Workspace, Maxima.
Technical	Research Formulation, Teaching, Mathematical Modelling, Project Planning.
Languages	English, Hindi, and Kannada.

Presentations

International Conference on 'Number Theory and Graph Theory'(ICNG-2023) *Manipal, India*
PAPER TITLE: 'WHEN SETS CAN OR CANNOT BE PRODUCT-DOMINANT' *January 18-20, 2023*

- Organized by the Department of Mathematics, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, in association with Jangjeon Mathematical Society, South Korea.
- Paper currently under peer review for publication in a Scopus-indexed journal.

National Conference on 'Energy of Graphs' (NCEG-2016) *Mysuru, India*
PAPER TITLE: 'THE UNIQUE METRO DOMINATION NUMBER OF THE CORONA PRODUCT $C_n \odot C_3$ '

March 11-12, 2016

Conference held at B N Bahadur Institute of Management Sciences, Mysuru, organized by the Department of Mathematics, Maharani's Science College for Women, Mysuru, in association with Department of Studies in Mathematics, University of Mysore, Mysuru.

Publications

- Published an article titled '**When Sets Can or Cannot be Product-dominant**' in the journal **Proceedings of the Jangjeon Mathematical Society**, Vol. 27(4) with ISSN 2508-7916
- Published an article titled '**On Minimum cardinality of MPTQ Sets**' in the journal **Integers-Electronic Journal of Combinatorial Number Theory**, Vol. 24 with ISSN 1553-1732

Short-term Courses

Completed the **NEP 2020 Orientation & Sensitization Programme** under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by MMTTC, Jamia Milia Islamia, New Delhi, from 03rd March to 12th March 2025.

Attended a **5-day Teachers' Enrichment Workshop on Group Theory, Algebra and Enumerative Combinatorics** from 5-10 August 2024 at Mangalore University, Mangalagangothri, organized by the National Centre for Mathematics – a joint centre of IIT Bombay and TIFR, Mumbai.

Refresher Course in Mathematics (Theme: Python & Vedic Mathematics) – by the Teaching Learning from 13 July 2023 to 26 July 2023 under the aegis of the Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Centre & Department of Mathematics Ramanujan College, University of Delhi.

Data Science Math Skills - 4 weeks online non-credit course authorized by Duke University and offered through Coursera, completed in June 2020.

Mathematical Foundations for Cryptography - 4 weeks online non-credit course authorized by the University of Colorado Systems and offered through Coursera, completed in May 2020.

Introduction to Complex Analysis – 8 weeks online non-credit course authorized by Wesleyan University and offered through Coursera, completed in August 2019.

Pedagogical Training for Mathematics Teachers conducted by the National Board for Higher Mathematics and the Department of Atomic Energy at St Berchman's College, Changanassery, Kerala from 19th to 30th November, 2012.

Seminars & Conferences

International e-Conference on Number Theory and Differential Equations (ICND-2021) organised by the Department of Mathematics, School of Physical Sciences, Central University of Karnataka, Kalaburagi, from 20th & 24th December, 2021.

National Conference on 'Energy of Graphs' (NCEG-2016) held at B N Bahadur Institute of Management Sciences, Mysuru, organized by the Department of Mathematics, Maharani's Science College for Women, Mysuru, in association with the Department of Studies in Mathematics, University of Mysore, Mysuru. Presented a paper titled 'THE UNIQUE METRO DOMINATION NUMBER OF THE CORONA PRODUCT $C_n \odot C_3$ ' on March 11-12, 2016.

International Conference on Algebra and Discrete Mathematics (ICADM 2020) organised by the Department of Mathematics-DDE, Madurai Kamaraj University, Madurai, from 24th & 26th June, 2020.

Functional Analysis - a National level Seminar organized by the Department of Mathematics, Government College, Kasaragod on 16th & 17th December, 2015.

Number theory and its Applications - a UGC sponsored national seminar organized by the department of Mathematics, MGM College, Udipi in collaboration with Forum of Mathematics Teachers of Mangalore University on 12th & 13th December 2014.

Graph Coloring and its Applications - a TEQIP-II sponsored two day national seminar organized by the department of Mathematics, Dr. Ambedkar Institute of Technology, Bengaluru on 27th & 28th July 2013.

Accomplishments

- Participated in a 3-Day Special Lecture Series in Mathematics organized by the Department of Mathematics, Mangalore University during 22-24th October, 2011, sponsored by KSTA, Bengaluru and won First Prize in the test held for the participants.
- Received YOUNG ACHIEVER 2010 award for academic achievements on the occasion of International Women's Day, March 8, 2010 from Women's cell of St Agnes College (Autonomous), Mangaluru.
- Placed first in the intercollegiate Mathematical Quiz completion held on October 6, 2010, by the Department of Mathematics, St Aloysius College (Autonomous) Mangaluru.
- Placed second in 'ANALYST-2010', an intercollegiate event organized by Alchemy Association of St Aloysius College (Autonomous), Mangaluru.
- Placed second in intercollegiate 'TECH-FEST-08' organized by Department of Physics, S.D.M College, Ujire.
- Received ACADEMIC EXCELLENCE Award with general proficiency for outstanding performance in B.Sc. Degree examination from YENEPLOYA FOUNDATION, Mangaluru.
- Secured highest grade points of 8.8 over 9 in St. Agnes College (Autonomous) in B.Sc. Degree examination.
- Bagged First rank in PUC Examination held in April 2007, from science section, St. Ann's Composite P.U. College, Mangaluru.