

SATYA VENKATA KIRAN KUMAR NEMANI



CONTACT

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📍 Mandapeta-533308, A.P

SKILLS

- Strong communication skills
- Mathematical knowledge
- Ability to design and implement effective curricula
- Able to establish a positive learning environment

PROFILE

Accomplished academic professional with extensive experience in mathematics education and administration. Currently serving as a Lecturer in Mathematics at Government Degree College, Mandapeta, with a notable tenure as Principal at V S M College. Significant contributions include membership on the Board of Studies and Academic Senate at Adikavi Nannaya University. Expertise in applied mathematics, graph theory, and optimisation in IoT networks, with multiple publications in esteemed journals. Career highlights include the invention of 'Topology Optimisation in IoT Networks Using Graph Theory' and numerous research papers on advanced mathematical concepts. Dedicated to advancing educational standards and fostering academic excellence. Driven Lecturer in Mathematics with comprehensive experience in delivering engaging lectures and fostering deep understanding of mathematical concepts. Skilled in curriculum development, student mentorship, and innovative teaching methodologies that inspire academic excellence. Adept at integrating technology into learning environment to enhance student engagement and comprehension.

WORK EXPERIENCE

Lecturer in Mathematics

Government Degree College | MANDAPETA, INDIA | September 2021- Current

Principal

V S M College | RAMACHANDRAPUAM, INDIA | December 2016 - September 2021

Member, Academic Senate

Adikavi Nannaya University | RAJAHMUNDRY, INDIA | February 2018 - January 2020

Controller of Examinations

V S M College | RAMACHANDRAPUAM, INDIA | April 2015 - November 2016

Lecturer in Mathematics

V S M College | RAMACHANDRAPUAM, INDIA | September 1997 - November 2016

EDUCATION

Madurai Kamaraj University,
Madurai, Tamil Nadu
Master of Philosophy,
Mathematics
2003

Government Degree College,
Rajahmundry, Andhra Pradesh
Master of Science,
Pure Mathematics
1995

St Mary's College of Education,
Kakinada, Andhra Pradesh,
Bachelor of Education,
1993

V S M College,
Ramachandrapuram,
Andhra Pradesh
Bachelor of Science,
MPC
1991

Member, Board of Studies

Adikavi Nannaya University | RAJAHMUNDRY, INDIA | February
2010 - January 2012

School Assistant

Z.P.High School | TEKI, INDIA | June 1995 - September 1997

PUBLICATIONS

- Patent title of invention "Topology Optimization in IoT Networks Using Graph Theory", Field of Invention is 'Electrical'
- Publish the paper titled "The Role of Vedic Mathematics in AI Tools in Computer Technology", Meerayan Journal (ISSN:2455-6033) Volume 24 Issue 8 2024; Page No.130-133
- Publish the paper titled "The Role of Applied Mathematics in the Mechanics of Human Life" High Technology Letters Journal, (ISSN: 1006-6748); Volume 30, Issue 6, 2024; Page No.628-632.
- Publish the paper titled "The Integral Role of Applied Mathematics and Statistics in Advanced Data Analysis: A Comprehensive Review", Goya Journal; ISSN NO : 0017 - 2715; Volume 17 , Issue 09 , 2024; Page No. :124-146.
- Publish the paper titled "Desert sparrow optimization algorithm", International Journal Of Trends In Emerging Research And Development (ISSN: 2584-282X), Volume 1; Issue 1; 2023; Page No. 167-174.
- Publish the paper titled "A Study on Bounded Linear Operators on a Separable Complex Hilbert Space", Journal of Xi'an University of Architecture & Technology, ISSN: 1006-7930, Volume XV, Issue 11, 2023; Page No.268-273
- Publish the paper titled "Permutation flow shop scheduling model", International Journal Of Advance Research In Multidisciplinary (ISSN: 2583-9667), Volume 2; Issue 1; 2023; Page No. 336-340.
- Publish the paper titled "Bounded Sets" International Journal of Creative Research Thoughts (IJCRT), Volume 11, Issue 4 April 2023; ISSN: 2320-2882; Page No.g348-g357.
- Publish the paper titled "A Study on Graphs and Circuits" International Journal of Creative Research Thoughts (IJCRT), Volume 11, Issue 4 April 2023 | ISSN: 2320-2882; Page No.g381-g383

CERTIFICATIONS

- Successfully participated in and completed a two weeks online Faculty Development Programme on "**MANAGING ONLINE CLASSES and CO-CREATING MOOCS**" held from April 20 to May 06, 2020, organized by the Teaching Learning Centre, Ramanujan College, University of Delh

- Successfully participated in and completed a one-week online Faculty Development Programme on “**Education 4.0**” held from April 27 to May 3, 2022, organized by the Teaching Learning Centre, Ramanujan College, University of Delhi.
- Successfully participated in and completed a one-week online Faculty Development Programme on “**Advanced Pedagogical Techniques**” held from March 13 to March 19, 2023, organized by the Teaching Learning Centre, Ramanujan College, University of Delhi.
- Successfully participated in and completed the “**NEP 2020 Orientation & Sensitization Programme**” under Malaviya Mission Teacher Training Programme of University Grants Commission organized by Andhra University, Visakhapatnam from January 22 to January 31, 2024.
- Successfully participated in and completed a two weeks online Refresher Course in Mathematics titled “**Foundation Course in Vedic Mathematics**” held from March 31 to April 13, 2024, organized by the Teaching Learning Centre, Ramanujan College, University of Delhi.