

**Venkateshwara Government Arts & Science College(A),  
Palem-509215, Nagarkurnool Dist., Telangana, India**



**One Day National Seminar**

**On**

**“Mathematical Foundations and Computational  
Techniques for Emerging Technologies”**

**Date: 05<sup>th</sup> March, 2026**

**Sponsored by**

**RUSA/PM USHA, Hyderabad**

**Organized by**

**Department of Mathematics  
and Computer Science**

**Chairman/Convener:**

**Dr. P. Ramulu, Principal(FAC)**

**Associate Professor of Mathematics**

## About the College: Sri Venkateshwara Government Arts and Science College (Autonomous), Palem

Established in 1963, Sri Venkateshwara Government Arts and Science College, Palem, has been a pillar of education for rural students. Located 8 km from Nagarkurnool and 35 km from Jadcherla (NH-44), the college plays a vital role in Telangana's underdeveloped regions.

In 2024, the institution achieved autonomous status, enhancing academic flexibility and innovation. It also secured a B+ grade (CGPA 2.74) in NAAC's 3rd cycle, reflecting its commitment to quality education. Initially focused on science, the college has expanded into a hub for diverse academic pursuits.

Inspired by the legacy of Thotapally Subbaiah Garu, the college remains dedicated to accessible, high-quality education, fostering social and economic development in the region. With a mission to empower students from marginalized backgrounds, Sri Venkateshwara Government Arts and Science College continues to be a beacon of knowledge and progress in Telangana.



## About Departments of Mathematics, and Computer Science:

The Departments of Mathematics and Computer Science at Sri Venkateshwara Government Arts & Science College (Autonomous), Palem, have been integral to the institution since its establishment in 1963. The Department of Mathematics provides a strong foundation in pure and applied mathematics, fostering analytical thinking, logical reasoning, and problem-solving skills. It prepares students for careers in academia, research, banking, competitive examinations, and industry.

The Department of Computer Science equips students with knowledge in programming, software development, database management, and emerging technologies. Through practical training and modern laboratories, students gain hands-on experience essential for careers in the IT sector, entrepreneurship, and higher studies.

Both departments are supported by well-equipped classrooms, computer laboratories, and digital learning resources. Regular seminars, workshops, and interdisciplinary activities enhance academic exposure and skill development. By integrating traditional academic excellence with modern technological advancements, the departments continue to contribute significantly to student success and institutional growth.

### **About the seminar:**

The One Day National Seminar on **“Mathematical Foundations and Computational Techniques for Emerging Technologies”** aims to explore the vital role of mathematics and computation in driving innovation across modern technological domains. The seminar provides a dynamic platform for academicians, researchers, and students to discuss recent developments in areas such as data science, artificial intelligence, machine learning, cryptography, optimization, and computational modelling.

The program includes keynote lectures by eminent scholars, technical sessions, paper presentations, and interactive discussions. Participants gain insights into how mathematical theories and computational methods contribute to solving real-world challenges in science, engineering, and industry.

By fostering interdisciplinary collaboration and research-oriented learning, the seminar encourages intellectual exchange and promotes advanced academic engagement. This initiative strengthens the link between theoretical foundations and practical applications, preparing students and researchers to meet the demands of rapidly evolving emerging technologies.

### **Objective of Seminar:**

The One Day National Seminar on **“Mathematical Foundations and Computational Techniques for Emerging Technologies”** aims to emphasize the critical role of mathematics and computational methods in modern technological advancements. It seeks to provide a platform for academicians, researchers, and students to exchange ideas, present research findings, and explore innovative solutions to real-world challenges. The seminar encourages interdisciplinary collaboration and promotes research-oriented learning in emerging domains.

### **Sub-Themes:**

include **Mathematical Modelling and Simulation, Numerical and Computational Methods, Artificial Intelligence and Machine Learning, Data Science and Big Data Analytics, Cryptography and Cyber Security, Optimization Techniques, Graph Theory and Network Analysis, Cloud Computing, and interdisciplinary applications of Mathematics and Computer Science in science and engineering fields.**

### **Abstract Submission Details:**

*Researchers, academicians, and students are invited to submit abstracts for the One-Day National Seminar on “Mathematical Foundations and Computational Techniques for Emerging Technologies” at Sri Venkateshwara Government Arts and Science College (Autonomous), Palem.*

#### **Submission Guidelines:**

- Abstracts should focus on topics related to Mathematical Foundations, Computational Techniques, and their applications in Emerging Technologies.
  - The abstract should be limited to 250–300 words and written in Times New Roman, 12 pt, 1.5 spacing.
  - Include Title, Author(s), Affiliation(s), and Keywords.
- Abstract submit to : [svgascaseminar@gmail.com](mailto:svgascaseminar@gmail.com)
- Submit in PDF or Word format.

## Registration Details

- Registration Fee for Faculty : INR Rs.300/-
- Registration Fee for students: INR Rs.100/-
- Last Date for Registration: 25<sup>th</sup> February, 2026
- Mode of Payment: UPI Online: 9866266010



Scan here For Payment

## Registration

Google form available at the following link/QR Code.

<https://forms.gle/WZp4uhMnrpwHp4UF7>



## Important Dates

Last date Submitting of Abstract	24-02-2026
Last date Submitting of Full length Paper	25-02-2026
Seminar Date	05-03-2026

Email : [svgascaseminar@gmail.com](mailto:svgascaseminar@gmail.com)

Selected Papers will be published in Care/Scopus Journals/ with ISBN Book

## Organizing Committee:

1. Dr. V. Srinivasulu, Librarian,
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3. K. Radha Kumari, Lecturer in English
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Prof. P. Balabaskar, RJD, CCE, Hyderabad

## Chief Guest

Prof. V Rajendra Prasad,  
AGO, CCE, Hyderabad

## Keynote Speaker:

Prof. G.L. Reddy, (Retired)  
Served as Dean, School of Mathematics &  
Statistics, University of Hyderabad.

## Speakers

Prof. C. Goverdhan (Retired)  
Department of Mathematics,  
Osmania University.

Dr M Venkata Dass  
Chairman, BoS, CSE  
University College Engineering  
Osmania University Hyderabad.

Dr. L Raghavender Raju,  
Associate Professor, CSE  
Matrusri Engineering College, Hyderabad

## Chairman & Convener:

Dr. P. Ramulu,  
Principal (FAC),  
Head Department of Mathematics

## Co-Convener:

A. Manoj Kumar,  
B. Department of Computer Science,

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