

### Call for Papers:

The Call for Papers include topics of interest in Pure and Applied Mathematics such as Analysis, Algebra, Graph Theory, Mathematical Transforms but not limited to above. The Abstract has to be sent on or before 26.02.2024 and full paper before 06.03.2024 to the Department of Mathematics mail id - gvnmathsresearchdept@gmail.com. The selected papers will be published in proceedings with ISBN number.

### Abstract Format:

Word text not more than 100 words in font size-12 & Theme font - Times New Roman

### ORGANIZING COMMITTEE

**PATRON** : Dr. P. Mahendran  
Secretary

**CO-PATRON** : Dr. M. Subbulakshmi  
Principal & Head  
Department of Mathematics

**CONVENER** : Dr. A. Pandiarani,  
Associate Professor,  
Department of Mathematics

### ORGANIZING SECRETARY:

Dr. V. Ramalakshmi, Assistant Professor

### MEMBERS:

Dr. E. Sucila, Associate Professor  
Dr. R. Krishnaveni, Assistant Professor  
Dr. N. Shunmugapriya, Assistant Professor  
Mrs. G. Jethruth Thresa, Assistant Professor  
Ms. B. Essakiammal@ Shunmugam, Asst.Prof  
Mrs. J. Jenifer, Assistant Professor  
Dr. H. M. Sulthan Ahthar, Assistant Professor

### ADDRESS FOR CORRESPONDENCE:

Dr.V. Ramalakshmi, Assistant Professor  
PG & Research Department of Mathematics,  
G. Venkataswamy Naidu College,  
Kovilpatti-628502, Tamil Nadu.  
Mobile: 9443719590  
Email: [gvnmathsresearchdept@gmail.com](mailto:gvnmathsresearchdept@gmail.com)

### PROGRAMME SCHEDULE

**REGISTRATION** : 09.00 am – 10.00 am  
**INAUGURATION** : 10.00 am – 10.30 am  
**TEA BREAK** : 10.30 am – 10.45 am

**SESSION I** : 10.45 am – 12.00 noon

**TOPIC : Invitation to Fixed Point Theory**



**Dr.M.MARUDAI**  
Honorary Professor,  
Dept. of Mathematics,  
Bharathidasan. University,  
Tiruchirappalli – 620 024.

**SESSION II** : 12.00 noon – 01.15 pm

**TOPIC : Zero Divisor Graph Embedding**



**Dr.T.ASIR**  
Associate Professor,  
Dept. of Mathematics  
Pondicherry University  
Pondicherry- 605014.

**LUNCH BREAK** : 01.15 pm – 02.00 pm

**SESSION III** : 02.00 pm – 3.15 pm

**TOPIC : Algebraic Structures on Rough sets systems**



**Dr.D.UMADEVI**  
Associate Professor,  
Dept of Mathematics,  
HKBK College of Engineering,  
Bangalore-560045

**Paper Presentation** : 02.00 pm – 3.15 pm

**TEA BREAK** : 03.15 pm – 3.30 pm

**VALEDICTORY** : 03.30 pm – 4.00 pm

## NATIONAL CONFERENCE ON EMERGING TRENDS IN PURE & APPLIED MATHEMATICS



**11<sup>th</sup> MARCH, 2024**

ORGANIZED  
BY

**PG & RESEARCH DEPARTMENT OF  
MATHEMATICS  
G. VENKATASWAMY NAIDU COLLEGE,  
(AUTONOMOUS)  
RE- ACCREDITED WITH A GRADE BY NAAC  
KOVILPATTI – 628502**

*in association with*

**GVN MATHEMATICS ALUMNI**

### Dear Sir / Madam

We invite you to Participate in National Conference on 11th March 2024, Organised by PG & Research Department of Mathematics, G. Venkataswamy Naidu College, Kovilpatti.

### About the Institution

Our college is established by G. Kuppusamay Naidu Charity Trust for Education and Medical relief, Coimbatore in the year 1966 with a vision to equip students for better service towards the society. The college was formally inaugurated on 17<sup>th</sup> July, 1966 by Mr. M. Bakthavatsalam, the Honourable Chief Minister of Madras. The college aims at developing the knowledge at various fields The college offers 14 under- graduate, 5 Post-graduate and 2 Research Course in science, commerce and IT streams. It is a co-educational institution. The institution strives to provide quality and need based higher education to the rural students. With the support of Trustees of The Lakshmi Mills Group, Coimbatore, the Textile giant of South India, the college provides well equipped facilities and infrastructure to student community and teaching fraternity. The college has completed its 57 years of service in educating the rural students in and around Kovilpatti.

### About the Department

In our college, the department of mathematics was started in 1967. The college was upgraded into a post graded Institution by starting M.Sc., (Mathematics). The department was further upgraded as the research department stream in the year 2017. It comprises of ten members with diverse specialization / interests. The teaching methodology combines standard methods of university education- lectures and tutorials with periodic written assignments. The Department also has a vibrant Mathematics Association that promotes students interests in the subject by organizing activities with their enthusiastic involvement. All these events are aimed at encouraging the students to explore beyond the frontiers of the prescribed syllabus, evaluate critical mathematical issues and interact with experts from diverse areas in the field of Mathematics.

### About the Conference

This Conference is a significant step and will provide a medium for the experts from all parts of our Nation for dissemination of knowledge and exchange of information on the impact of Pure and Applied Mathematics. The participants are sure to have a good exposure in Pure and Applied Mathematics and will also be equipped well to face the challenges in the field

## NATIONAL CONFERENCE ON EMERGING TRENDS IN PURE & APPLIED MATHEMATICS

1. Name : \_\_\_\_\_
2. Qualification : \_\_\_\_\_
3. Designation : \_\_\_\_\_
4. Department : \_\_\_\_\_
5. College : \_\_\_\_\_
6. Address : \_\_\_\_\_
7. Contact No : \_\_\_\_\_
8. Email id : \_\_\_\_\_

**Date:**

**Place:**

*(Photocopies of registration form can also be used)*

#### **Note:**

1. Registration is compulsory for all the delegates.
2. Fee Details
  - UG /PG Students : Rs. 150
  - Research Scholars / Faculties : Rs. 300
  - Paper Presenters : Rs. 500
3. Pre - Registration is Mandatory
4. Participants must be accompanied by a faculty and have to bring their college ID cards.
5. Lunch will be provided and **no** TA/DA will be paid to the participants
6. Payment may be made on spot