

## CALL FOR PAPERS

The authors are requested to submit their original research papers through online by registering themselves in the link which is in the QR Code. Papers will be accepted for presentation and publication only after passing scrutiny and peer review process. Publications will be carried out as per rules and regulations of the Journals. We solicit high quality original research papers in any aspect of conceptual techniques in Analysis and Number Theory with scope for applications. Relevant topics include but are not limited to:

- Analysis
- Differential Equations
- Applied Mathematics
- Control Theory
- Topology
- Graph Theory
- Number Theory

### Mode of Conference:

The conference will be conducted both ONLINE and OFFLINE modes according to the convenience of the participants.

### Eligibility

Any inquisitive post graduate student, research scholars, faculty members or academicians from Indian or foreign institutions can submit their papers comply with the format mentioned below.

### Paper Submission Guidelines:

- The abstract and papers must be sent to [ajican2k22@gmail.com](mailto:ajican2k22@gmail.com)
- Abstract not exceeding 500 words must include the details of Title, Author(s) Name, Institution with address contact details (email id and mobile number) and a maximum of 5 keywords.
- All the papers should be submitted in Word document/LaTex format.
- Pages should be numbered at the bottom of the page at the center and numbered as 1,2,3, etc.
- All the papers must be original and unpublished works.
- In case of multiple authors, please underline the name of presenting author.

Presentations will be evaluated and the best presenter will be honored. Participation certificate will be provided to all the participants

### Publication:

All the accepted papers which are presented in the conference will be published in the Scopus / Web of Science / UGC Care listed Journals after Plagiarism check and Peer Review. (As per Journal norms, publication charges applicable) Some selected papers will be published in the conference proceedings with ISBN number.

### Important Dates

Abstract Submission deadline <b>10.10.2022</b>	Acceptance for presentation <b>15.10.2022</b>
Registration deadline <b>17.10.2022</b>	Full Paper submission <b>20.10.2022</b>

Notification of Acceptance will be declared after completion of peer reviews.

### Scan & Register



FEES DETAILS	For Indian Delegates	For Foreign Delegates
Participation	Rs. 500	10 USD
Presentation	Rs. 750	
Paper presentation and publication in conference proceeding	Rs. 1000	

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### Accommodation

Accommodation will be arranged at nominal cost in the college hostels for participants.



For further clarification contact  
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Department of Mathematics  
 ANJAC, RIT & SFRC  
 jointly organize

## INTERNATIONAL CONFERENCE ON

## ANALYSIS & NUMBER THEORY - 2022

ICAN – 2K22



Mode  
**HYBRID MODE**  
 (Offline / Online)



Date  
**OCTOBER**  
 27<sup>th</sup> to 29<sup>th</sup> 2022

Venue

**Ayya Nadar Janaki Ammal College**  
 Oct 27 & 28, 2022

**The Standard Fireworks Rajaratnam**  
**College for Women**  
 Oct 29, 2022





## INTERNATIONAL CONFERENCE ON ANALYSIS & NUMBER THEORY ICAN – 2K22

This conference is aiming to bring together leading Academicians, Researchers, Scholars, and Students to exchange and share their knowledge and current research aspects of Analysis and Number Theory concepts. Renowned persons are invited as Keynote speakers to contribute their thoughts and vision. We hope that the outcome of ICAN -2k22 will throw light on the scope for further research in Analysis and Number Theory in Mathematics.

### PROBABLE SPEAKERS

- 1 Prof. Daniel Breaz**  
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University of Alba Iulia, 510009  
Alba Iulia, Romania
- 2 Prof. Sibel Yalcin**  
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- 3 Dr. C. Durairajan**  
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- 8 Dr. R. Srikanth,**  
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Thanjavur, Tamil Nadu.



## AYYA NADAR JANAKI AMMAL COLLEGE

(Autonomous), Sivakasi  
(Diamond Jubilee Year)

### ABOUT THE COLLEGE

Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi, established in 1963, in the industrial town of Sivakasi, popularly known as "Little Japan" in Tamil Nadu is a standing testimony to the wisdom and foresight of late Thiru. P. Ayya Nadar, a leading businessman and pioneering industrialist of this corporation. As the institution was established by his munificence, the college was fittingly named after him and his equally generous wife, Thirumathi.

A. Janaki Ammal. The college has been serving as a beacon light in the backward area of Virudhunagar District, emphasizing teaching, learning and research programmes in different disciplines for the benefit of thousands of rural students who pursue higher education. Today, Ayya Nadar Janaki Ammal College is reckoned as one of the leading educational research institutions in India with diversified courses, excellent



infrastructure, competent faculty & very promising students. The College is re-accredited (4th Cycle) with 'A+' Grade (CGPA 3.48 out of 4.0) and recognized by UGC as College of Excellence. Apart from academic activities the college is also serving the society through various service channels and departments.

### ABOUT THE DEPARTMENT

The Department of Mathematics was established in 1963, the year of the inception of the Institution also, offered P.U.C initially. The Department has registered a steady growth with the Institution. The Department is offering B.Sc. Degree course from 1964, M.Sc. Degree course from 1975 and M.Phil. Programme from 1986. The Department has been upgraded as a research centre offering Ph.D. programme since August 1992 and it is enriched with 13 Faculty members among which 9 are doctorate holders.

The thriving areas of research are Graph Theory, Topology, Geometric function Theory, Control Theory and Number Theory. It is noteworthy to mention that the Department has produced more than 2000 graduates, 850 post graduates and 450 M.Phil. graduates. It also has produced 23 Ph.D. scholars. At present 10 scholars are pursuing their Ph.D. programme. To Add feather to its cap, various funded programme were received by the Department.



## RAMCO INSTITUTE OF TECHNOLOGY

Rajapalayam

### ABOUT THE COLLEGE

Ramco Institute of Technology (RIT) was founded with a vision to impart high quality engineering education at an affordable cost by our founder ChairmaShri P.R.Ramasubrahmaneya Rajha. Under the able guidance of our present Chairman, Shri.P.R.Venketrama Raja, distinguished professionals, academicians and industrial experts, we continually aim to revolutionize the learning environment by creating an enviable knowledge pool of engineering and technology graduates who are attuned to the current industry requirements. The academic excellence of RIT is recognized through NAAC accreditation and ISO 9001:2015 certification. Four programmes (CSE, EEE, ECE, MECH) of RIT are NBA accredited.



Being part of the Ramco Group, which is well known for its qualitative and innovative brands not only in India but across the world, we are looked upon to set high standards in the education sector. The innovation ecosystem of RIT is strengthened through active functioning of the Institutions' Innovation Council, an initiative of the Ministry of Education, Government of India. Incubation facility at RIT supported by the Ministry of MSME under Innovative Scheme helps the innovators to scale-up their innovative ideas into products/services. True to its legacy, RIT has embarked on a mission to empower students with high-quality, accessible yet world-class engineering education and prepare these young minds for lifelong learning by creating and disseminating appropriate knowledge.

### ABOUT THE DEPARTMENT

The department of Mathematics was started in 2013 during the inception of the Institution. The department of Mathematics has highly qualified, dedicated and sincere faculty members. Five faculty members are doctorate holders and two faculty members are pursuing their Ph.D degree. The department of Mathematics has Maths lab with MATLAB and R softwares to enrich the students knowledge in solving mathematical problems related to engineering through programming.

The department of Mathematics strives to instill a conceptual understanding of the subject which would go a long way in the study of their respective branches of engineering. The Department of Mathematics provides an excellent base to Engineering and Technology courses and appeals to students with a variety of different interest to acquire a strong background for use in future careers.



## THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN

(Autonomous), Sivakasi

### ABOUT THE COLLEGE

The Standard Fireworks Rajaratnam College for Women was established in 1968, in memory of the late philanthropist Thiru N.R.K. Rajaratnam, whose pioneering spirit in business and industry has earned for himself an indelible niche in the annals of Sivakasi. It started functioning with the noble vision of uplifting the socio-economic status of rural women in and around Sivakasi and equipping them to confront the challenges of everyday life. With the liberal financial support and constant guidance of the Management, the college has emerged as one of the Best Colleges for women's education. The National Accreditation & Assessment Council of Bangalore, crowned SFRC with the Five Star Status in 2002, followed by the renewed award of 'A' Grade in Sep 2008.



On 16th September 2011, the college was bestowed with the unique honour of "College with Potential for Excellence" by UGC. Under UGC PARAMARSH scheme for mentoring NAAC Accreditation Aspirant Institutions, our college has been approved as Mentor Institution in the academic year 2019-2020. In the Fourth Cycle of Accreditation SFRC has again been awarded 'A+' Grade in 2021.

### ABOUT THE DEPARTMENT

The Department of Mathematics has successfully completed the Golden Jubilee celebrations. Teaching of Mathematics started right from the inception of the college at the P.U.C level. The Department of Mathematics offers Under Graduate and Post Graduate Programmes under the Choice Based Credit System with outcome-based education. The department offers another batch of B.Sc Mathematics (Self Financed) Programme from the year 2022. The Department is upgraded as PG & Research Department from the year 2022 onwards. The Department has 12 Faculty Members among which 8 Ph.D holders, 1 NET and 3- SET Qualified staff members.

They strive hard to maintain a record of good service with the vision of offering quality teaching, inculcating social responsibility and teaching, inculcating social responsibility and blossoming human excellence. At present, 6 Research scholars are pursuing the Ph.D programme. The unique feature of the Department is that it has been co-ordinating the Virudhunagar District Cluster Colleges Programme in Mathematics for the past 34 years. The Department has registered steady growth, right from its inception in 1968, strictly adhering to the visions of the College. It caters to the overall development of the students through various Competitions, Seminars/Workshops / Conferences.