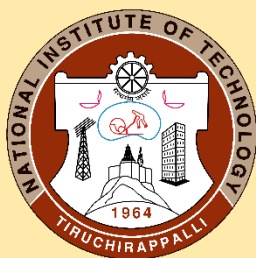


**FIVE DAYS NATIONAL
LEVEL WORKSHOP
ON**

**ALGEBRA, ANALYSIS AND
DIFFERENTIAL EQUATIONS**

**(WAAD 2021)
14 -18, JUNE 2021**

**Online Workshop for
CSIR / GATE Aspirants**



Organized by

**DEPARTMENT OF MATHEMATICS
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI – 620 015
TAMIL NADU, INDIA**

THE INSTITUTE

The National Institute of Technology, Tiruchirappalli, (NITT), is an Institution of National Importance under the Ministry of Education (MoE), Government of India. The Institute is ranked no. 1 among the NITs, and 9th in the National Institutional Ranking Framework (NIRF). NITT is an autonomous co-educational technological institute, which offers UnderGraduate Courses in ten branches and Post Graduate Courses in twenty-eight disciplines of Science, Engineering & Technology besides M.S. (by Research) and Ph.D. in all the departments. The Institute has a total campus area of 800 acres in Thuvakudi on the Trichy-Tanjore national highway.

THE DEPARTMENT

The Department of Mathematics is one of the pioneering and the most distinguished departments in NITT. The department comprising 17 faculty members, all with doctorate degree, is actively involved in research and in carrying out projects besides teaching. Applying multi-disciplinary research and teaching methods, the department strongly believes in finding mathematical solutions for various social-economic, technological and work-related processes and challenges. Since its inception, the department has been

supporting Ph.D. graduates to carry out challenging research work of wide ranging industrial and social implications. At present, 29 scholars are pursuing their research work in various fields of mathematics. From the academic year 2019-20, the department is offering M.Sc. Mathematics and the department is supported by DST-FIST for five years from 2021.

THE WORKSHOP

The workshop aims to focus on fundamental concepts and techniques of Algebra, Analysis and Differential equations which are indispensable for postgraduate students, research scholars and faculty members. An objective of the workshop is not only to sharpen one's theoretical knowledge but also to develop the skills required to formulate and solve problems in these subjects.

As a social commitment, the Department of Mathematics organizes the first of its kind workshop in the NIT's to help CSIR / GATE aspirants to equip themselves with better understanding of these subjects, by providing systematic and thorough treatment of the topics. Through the tutorial sessions, the participants will get an opportunity to have more detailed discussions and thereby learn the subjects in depth.

TOPICS TO BE COVERED IN WAAD 2021

(But not limited to)

- Groups
- Rings
- Vector Spaces
- Linear Transformations
- Sequences and Series
- Continuity and Differentiability
- Compactness and Connectedness
- Analytic functions
- Complex Integrals
- Ordinary Differential Equations
- Partial Differential Equations

RESOURCE PERSONS

- Dr. A. Sairam Kaliraj, IIT Ropar
- Dr. S.V. Bharanedhar, CUTN, Thiruvapur
- Dr. Satyanarayana Engu, NIT Warangal
- Mr. R. Gnanaprakasam, GPC, Madurai
- Experts from NIT Tiruchirappalli

REGISTRATION FEE

Category	Amount to be paid
M.Sc. Students	Rs.300/-
Research Scholars	Rs.500/-
Faculty Members	Rs.500/-

Note: Registration fee is non-refundable. Registration fee to be paid by using SBI-collect only.

HOW TO REGISTER

Fill up the required details and upload the fee payment receipt in the google form: <https://forms.gle/2UyLR2tt1TRjcGs68>

Last date for registration: 12, June 2021

PARTICIPATION CERTIFICATE

The e-certificate will be issued to the participants those who have attended the workshop with minimum 80% attendance.



MODE OF PAYMENT THROUGH SBI COLLECT

1. Visit the following link: <https://www.onlinesbi.com/sbicollect/>
2. Select the state as 'Tamil Nadu', and category as 'Educational Institutions'.
3. Choose "Conference and Workshop NIT Trichy".
4. Select payment category as "WAAD_2021_MATHS" and fill up the details.
5. Make payment through UPI / Net Banking / Credit card / NEFT.
6. Download the payment receipt after making the payment.

PROGRAMME MODE

Workshop will take place through online platform (Cisco WebEx). The online meeting link of the workshop will be shared to the participants through their registered email id.

CONTACT

Mail: waad2021nitt@gmail.com
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+91 - 8608625858

ORGANIZING COMMITTEE

Conveners

Dr. V. Lakshmana Gomathi Nayagam
Dr. R. Tamil Selvi

Coordinators

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Dr. N. Prakash