

WHO CAN ATTEND

The program is open to all the teachers of AICTE approved engineering colleges / Arts & Science colleges Research Scholars and students of MSc, MCA and MBA. Participants are invited to register by sending the duly filled registration forms enclosed herewith. Forms can be downloaded from our institute website (www.nitw.ac.in).

REGISTRATION FEE

The following registration fee includes STTP kit, Accommodation, Breakfast, working lunch, tea & snacks and Dinner on all the five days

For Faculty	Rs. 3500/-
Local Participant Faculty	Rs. 2500/-
Research Scholars and PG Students	Rs. 2000/-
Local Research Scholars and PG Students	Rs. 1500/-
Industry and R&D Organizations	Rs. 8000/-

No TA and DA will be paid to the participants Registration fee should be sent by demand draft in favor of “**Professor-In-Charge, Continuing Eduaction Programs, NITW**” payable at SBI, NITW Branch, Warangal. Please write your name on the back of the DD.

The registration is based on the **first come first serve basis**. The number of participants is limited to 40.

IMPORTANT DATES

The completed registration form in the prescribed format along with registration fee should reach Coordinators **on or before 20th May 2019**.

Confirmation by e-mail on first come first serve basis

STTP ON NUMERICAL AND SYMBOLIC COMPUTING (NSC)

Organized by
Department of Mathematics, NIT
Warangal on May, 27th - 31st, 2019

REGISTRATION FORM

Name : _____

Designation : _____

Organization : _____

Mailing Address: _____

Telephone: _____

Mobile: _____

Email: _____

Registration Fee Details:

DD.No: _____ Date: _____

Bank Name: _____

Accommodation requirement:

Required Not Required

Place:

Date: _____ Signature

I am recommending the registration of the above person for attending the STTP on Numerical and Symbolic Computing Programming.

Signature with seal
Head of the forwarding Institute

Short Term Training Programme on

Numerical and Symbolic Computing

(NSC)

27 -31, May 2019



Coordinators

Prof. K. N. S. Kasi Viswanadhan
Prof. J. V. Ramana Murthy
Dr. D. Bhargavi

Organized by

Department of Mathematics
National Institute of Technology
Warangal - 506 004 (A.P.)

ABOUT THE INSTITUTE

The National Institute of Technology (formerly Regional Engineering College), Warangal, established in the year 1959, is the first among the 31 NIT's in the country setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institution imparting technical education of a very high standard. It is located on the Hyderabad – Warangal National Highway at a distance of 3 kms from Kazipet Railway station and 12 kms from Warangal Railway station. Participants are advised to alight either at Kazipet or Warangal depending upon the train of travel .

ABOUT THE DEPARTMENT

The Department of Mathematics is a highly reputed Department which functions with excellence as its motto. The Department was started in the year 1959 along with other Engineering and Science Departments of the institute and has established itself as a dynamic centre for academic and research activities. In addition to the teaching of courses in Mathematics for B.Tech and M.Tech Programmes, the Department offers two P.G. Programs, M.Sc (Applied Mathematics) and M.Sc (Mathematics and Scientific Computing). The faculty is actively engaged in research in diverse fields such as Fluid Dynamics, Computational Fluid Dynamics, Bio Mechanics, Numerical Analysis, Finite Element Methods, Operations Research, Functional Analysis, Differential Equations, Coding Theory and Cryptography. At present, there are 15 members on the teaching Faculty in the Department and 20 Research Scholars are working for their Ph.D. The Department has a full-fledged computation laboratory to meet the requirements of the M.Sc. students, research scholars and the faculty.

THEME

For more than 25 years, *Mathematica*, *R-Programming* and *Matlab* have been become an essential tool in technical computing and provided the principal computation environment for millions of innovators, educators, students, and others around the world. Widely admired for both its technical prowess and elegant ease of use, *Mathematica/Matlab* provides a single integrated, continually expanding system that covers the breadth and depth of technical computing. Now a days the R-Programming is recognized as important tool for statistical analysis One of the important features of the *Mathematica/Matlab* is that it can do *symbolic*, as well as numerical calculations. This means that it can handle algebraic formulas as well as differential equations.

The STTP is focused on demonstration with hands on experience for the application of Probability and Statistics and Data Analysis, Mathematical Modeling in fluid dynamics, Numerical Computations to solve differential equations including finite element method. The workshop is designed for researchers, engineers, managers, academicians, students in universities, colleges and other institutions. It will provide an opportunity to learn and practice on mathematical modeling and numerical computations.

EXPECTED TOPICS TO BE COVERED

1. Introduction to R-programming, Mathematica and Matlab
2. Finite Element Methods
3. Shooting Methods

PATRON

Prof. N. V. Ramana Rao, Director
NIT Warangal

ADVISORY COMMITTEE

Prof. Y. N. Reddy
Prof. D. Dutta
Prof. D. Srinivasacharya, HOD

ORGANIZING COMMITTEE

Dr. P. Muthu
Dr. H.P. Rani
Dr A. Benerji Babu
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Dr. Ch. RamReddy
Dr. Satyanarayana E
Dr. Y. Sreenivasa Rao

COORDINATORS:

Prof. K. N. S. Kasi Viswanadham
Prof. J. V. Ramana Murthy
Dr. D. Bhargavi

STTP on NSC - 2019
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