

### WHO CAN APPLY?

- Faculty from academic and technical institutions
- Research Scholar, M.Sc./M.Tech. and Final Engineering.

### HOW TO APPLY?

- Kindly access the QR code or URL for the online application form to register for the participation.

<https://bit.ly/2IWvjJG>



### REGISTRATION FEE

There will be no registration fee from bonafide participants from NITC and GEC, Bharatpur. External participants will be charged with Registration fee of Rs.500 to cover the working lunch and course materials. (Participants can also pay their fee on the registration desk at the time of registration)

**Closing Date of Registration is 12<sup>th</sup> May 2019.**

### TRAVEL EXPENSES

No TA/DA will be paid for any participant. Institutions are expected to provide the support

### BOARDING & LODGING

All faculty and research scholars may be accommodated in the hostel /international hostel on payment basis if they request for it. Participants from industry /research organizations may be provided lodging in the Institute Guest house on payment basis, subject to availability.

**CHARGES:** International hostel: Rs.450/Room/day  
Ladies/Men's hostel: Rs.250/Room/day

### ENDORSEMENT OF THE HEAD OF THE INSTITUTION/DEPARTMENT

Certified that Mr./ Ms./ Dr.....  
.....is an employee of this institution and is hereby sponsored for the two days seminar on **Computer Methods on Applied Mathematics and Engineering (CMAME-19)** at NIT Calicut during **May 15-16, 2019**. He/she will be permitted to attend the course, if selected.

Place:

Date:

Name and Signature of  
the Sponsoring  
Authority with Seal

Scan the QR Code for online registration and upload the signed endorsement form.  
Last date for registration is 12<sup>th</sup> May 2019.

#### Local Coordinator

**Dr. Ashish Awasthi**

Assistant Professor

Department of Mathematics

National Institute of Technology, Calicut

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#### Twining Coordinator

**Dr. Naveen Jha**

Assistant Professor

Department of Mathematics

Govt. Engineering College, Bharatpur

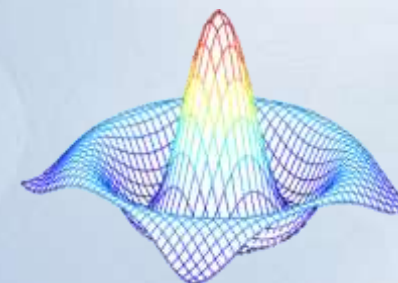
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## Two days seminar on Computer Methods on Applied Mathematics and Engineering

(CMAME-2019)

MAY 15 – 16, 2019



Organized by



Department of Mathematics  
National Institute of Technology Calicut  
Kozhikode-673601, Kerala

Under TWINNING WITH



Govt. Engineering College Bharatpur  
Bharatpur, Rajasthan- 321 303  
Sponsored by TEQIP-III, MHRD

## THEME OF THE SEMINAR

The main aim of this advanced seminar is to bridge the gaps in applied mathematics and engineering applications. The seminar will also address some emerging trends in the field of applied mathematics. The topics to be covered are : computational grids, innovative novel models, control and stability theory, advanced numerical methods, computational finance and fluid dynamics. There will be interactive and hands on training session with experts and eminent faculty in the area. This event will provide a joint forum where young applied mathematicians and engineers can learn applications of mathematics, and exchange their research ideas involving theoretical and applied developments in differential equations, computational simulations and related areas.

## ABOUT NIT, CALICUT



National Institute of Technology Calicut (NITC), is fully funded by MHRD and is governed by the NIT Act 2007. The Institute has ten Departments, three schools and nine research centers. It offers ten UG, and thirty PG programs along with the Ph.D program in various fields of Science, Technology and Engineering. Faculties in the various Departments have active collaborations with universities and elite institutions within and outside India for research and have active consultancy for industries.

See details: [www.nitc.ac.in](http://www.nitc.ac.in)

## ABOUT THE DEPARTMENT

The Department of Mathematics is one of the oldest Departments in this Institute. It was established at the inception stage of the Calicut Regional Engineering College (CREC), which was the forerunner to the present National Institute of Technology Calicut (NITC) in 1961. The Department offers the following programmes -Ph.D in Mathematics and M.Sc. Degree in Mathematics. **See details:**

[www.nitc.ac.in/index.php/?url=department/index/11](http://www.nitc.ac.in/index.php/?url=department/index/11)

## ABOUT GEC, BHARATPUR

Government Engineering College (GEC) Bharatpur is an autonomous institute under Bharatpur Society, Rajasthan, India. GECB was established in the year 2007. It is the first government engineering college in Bharatpur division.. The college has six departments namely Mechanical Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical Engineering, Computer Science & IT and Applied Science & Humanities

See details [www.ecbharatpur.ac.in](http://www.ecbharatpur.ac.in)

## ABOUT TEQIP III

Technical Education Quality Improvement Programme (TEQIP) was launched in December, 2002 by the MHRD, India with the World Bank assistance. The programme was conceived and designed as a long term project to be implemented in 10-12 years in 3 phases to support excellence and transformation in Technical Education in the country. Third phase of the programme namely TEQIP III was started in the year 2017. The main objective of TEQIP III is to improve the quality of Engineering Education in existing government institutions in the educationally backward states and also arrange for twinning them with other institutions like NITs and a few affiliating technical Universities (ATU).

## ABOUT THE EXPERTS

### Dr. M. K. KADALBAJOO



**Distinguished Professor, LNMIIT, Jaipur**  
**Former Professor, IIT Kanpur**

**Home:** [home.iitk.ac.in/~kadal/](http://home.iitk.ac.in/~kadal/)

**Research Interests:** Numerical Methods with Analysis for Singular Boundary Value ODE's, Numerics of PDE, Parallel Algorithms, Numerics of Delay Differential Equations, Computational Finance.

### Dr. A SALIH



**Professor, IIST, Thiruvananthapuram**

**Home:** [www.iist.ac.in/aerospace/salih](http://www.iist.ac.in/aerospace/salih)

**Research Interests:** Numerical simulation of multiphase flows, level set methods, bubble and drop simulations, sloshing dynamics.

### Dr. RAJU K GEORGE



**Professor IIST, Thiruvananthapuram**

**Home:** [www.iist.ac.in/mathematics/george](http://www.iist.ac.in/mathematics/george)

**Research Interests:** Mathematical Control Theory, Industrial Mathematics- Modelling and Simulation, Orbital Mechanics