Important Dates

Last date for submission of Abstracts
15 – 02 – 2019
Last date for Registration
20 – 02 – 2019

Speakers

Dr. G.V. Ravindranath Babu
Professor, Dept. of Mathematics, Andhra University, Visakhapatnam, Andhra Pradesh, India.

Dr. D. Sukumar
Associate Professor, Department of Mathematics, IIT Hyderabad, Telangana, India.

Dr. D. Srinivasacharya
Professor & Head, Dept. of Mathematics, National Institute of Technology, Warangal, Telangana, India.

Dr. P. Malla Reddy
Professor, Dept. of Mathematics, Kakatiya University, Warangal, Telangana, India.

Dr. D.V. Ramana
Data Science Consultant, Wissen Infotech and Visiting Professor, ISBAT University, Uganda.

Dr. S. Abhinav Kumar
Associate Professor, Department of Electrical Engineering, IIT Hyderabad, Telangana, India.

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Address for Correspondence
Prof. B. Surender Reddy
Convenor, NCRAAM-2019,
Department of Mathematics, UCS, O.U.
Hyderabad, TS, India.
Mobile: +91-9000070756 | E-mail: ncraam2019@gmail.com

Contact:

Dr. B. Krishna Reddy
+91-9603620002

Dr. S. Hari Singh Naik
+91-9440194616

NATIONAL CONFERENCE
ON
RECENT ADVANCES AND APPLICATIONS IN MATHEMATICS
(NCRAAM – 2019)

FEBRUARY 26 - 27, 2019

In honor of
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on her Superannuation

Organized by

Department of Mathematics

University College of Science
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Osmania University

Osmania University, established in 1917, is the seventh oldest in India, the third oldest in south India and the first to be established in the erstwhile princely state of Hyderabad. In 2012, the university was placed sixth among the Nation's Premier Universities in Humanities, Sciences and Commerce stream, which secured the status 'University with Potential for Excellence'. The University was declared as an autonomous institution through an act of legislature and recognized by the University Grants Commission Act, 1956, Government of India. It has a vast and verdant campus of 1632 acres set in pastoral surroundings, where diversity is valued and accepted. It has significantly contributed to the academic and economic development of not only the region but also of the Country with a vision of developing, enhancing and improving the quality of human resources to meet the challenges of regional, national and global socio-economic changes. In recognition of its excellent academic achievements, Osmania University is re-accredited with A+ grade by the National Assessment and Accreditation Council in the year 2017.

Department of Mathematics

The Department of Mathematics, one of the few departments initiated at the time of the inception of Osmania University, specialises in many areas of Mathematics and Computer Science. In recognition of its teaching and research activities, the UGC has awarded Departmental Research Support Programme (DRS) Phase I for the period 1994-99, DRS Phase II for the period 2002-2007, COSIST Programme for the period 2002–2007, DRS Phase III for the period 2007–2012 and CAS–I for the period 2012–2017, UGC SAP DRS Phase III upgraded to DSA I for the period 2013–2018.

About the Conference

National Conference on Recent Advances and Applications in Mathematics (NCRAAM-2019) contributes to the development of latest issues in mathematics and its real time applications. We expect that the conference will be a trigger for further related research and technology improvements in the subject. The conference will present new results and future challenges, in series of invited talks and paper presentations.

We are very glad to inform you that the conference is being held to honor Prof. M. Rangamma on attaining the age of superannuation on 28th february, 2019. Prof. M. Rangamma is a doctorate from O.U. in 1985 in the field of Number theory with CSIR fellowship. She has supervised the research work of 10 M.Phil and 12 Ph.D students and presently guiding 8 students for Ph.D. She has published more than 50 papers in National and International journals. Fields of her research include divisor problems, Arithmetic functions, odd perfect numbers, solutions of Diophantine equations, fixed point theorems, etc. She effectively held the positions of Chairperson, BoS in Mathematics (Nov.2011 to March.2014) and Head, Department of Mathematics (Feb.2015 to Feb.2017). She is presently holding the position as Chairperson, BoS in Computer Science, O.U (Aug.2018 – till date).

Call for Papers

Authors are solicited to contribute to the conference by submitting articles that illustrate research results in the following areas (**not limited to**):

- ▶ Number Theory
- ▶ Real and Complex Analysis
- ▶ Functional Analysis & Operator Theory
- ▶ Algebra
- ▶ Ordinary and Partial Differential equations
- ▶ Mathematical Modelling
- ▶ Fluid Dynamics
- ▶ Fuzzy Logic and Its Applications
- ▶ Computational game theory
- ▶ Concurrent Algorithms & Data Structures
- ▶ Cryptography
- ▶ Image Processing

Authors are invited to submit the softcopy of abstract in about 200 – 250 words (typed in Ms-word, Times New Roman, 12 point, 1.5 line spacing) to ncraam2019@gmail.com. Abstract must include Title of the paper, Names, Affiliation and e-mail address of all authors contributed to the work.

Registration Particulars

Registration should be made in advance by remitting the fee as indicated below along with the duly filled registration form (available in www.osmania.ac.in). The registration fee may be paid through online by NEFT to "The Head, Department of Mathematics, Osmania University, Hyderabad" A/C. No: 52198268002, IFSC Code No: SBIN0020071 Or DD in favour of "The Head, Department of Mathematics, Osmania University, Hyderabad" payable at Hyderabad.

Industry	Rs. 1200
Academic Institutions	Rs. 800
Research Scholars	Rs. 600

Registration fee includes Conference Kit, Lunch (26th and 27th), Refreshments, Conference Proceedings and Certificate.

Accommodation will be provided for outstation participants on prior intimation