



(An Autonomous Institute of Govt. of Maharashtra)

**National Conference on  
Pure & Applied Mathematics  
17<sup>th</sup> - 19<sup>th</sup> May 2017  
Organized by  
DEPARTMENT OF MATHEMATICS**



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To,  
The Convener, NCPAM-2017  
Department of Mathematics  
College of Engineering  
Shivajinagar  
Pune - 411 005

*Integrating Engineering*

COLLEGE OF ENGINEERING PUNE

*Integrating Engineering*

**ABOUT THE INSTITUTE :**

The College of Engineering, Pune (COEP), chartered in 1854 is a nationally respected leader in technical education. The institute is distinguished by its commitment to finding solutions to the great predicaments of the day through advanced technology. The institute has a rich history and dedication to the pursuit of excellence. COEP offers a unique learning experience across a spectrum of academic and social experiences. With a firm footing in truth and humanity, the institute gives you an understanding of both technical developments and the ethics that go with it. The curriculum is designed to enhance academic experience through opportunities like internships, study abroad programmes and research facilities. The hallmark of COEP education is its strong and widespread alumni network, support of the industry and the camaraderie that the institute shares with several foreign universities. The institute is consistently ranked amongst the top 20 technical colleges in India and its alumni have contributed a lion's share in development of national infrastructure.

**ABOUT THE DEPARTMENT :**

The Department of Mathematics is established in the year 1960. The department is situated on the north campus of the institute having nice view of river Mula Mutha. To cater the needs of different engineering branches, we have a young and enthusiastic team of 13 faculty members including an Emeritus Professor. The department is well equipped with 24 hours internet facility. Mathematics is a backbone of all engineering sciences. Hence a lot of stress is given on Mathematics in engineering education. Engineering Mathematics is taught to almost all eight semesters of B.Tech. course as well as to first year M.Tech. course. Research on various aspects of Graph theory, Matroid theory, Lattice theory, Commutative algebra, Coding theory, Geometric function theory, and Fractional calculus with pure and engineering applications are carried out by the faculty. Our vision is to develop the department as a research center for pure and applied mathematics with applications to engineering.

**CONFERENCE THEME :**

The conference will provide a platform for enriching the mathematical flavor and culture in pure and applied mathematics applicable to science, engineering and technology. The main objective of this conference is to build awareness of such efforts which will develop interest in budding the topics in pure and applied mathematics. We look forward to bring together a sizeable number of active researchers engaged in different areas of mathematics. Paper presentations are expected to discuss the current status and trends in pure and applied mathematics that would help in the applications to science and engineering. Further this conference looks forward to bring together experts in different areas of pure and applied mathematics, and to provide a single platform for discussion.

**CALL FOR PAPERS :**

The organizing Committee of the Conference invites papers from researchers and practitioners on the following areas which include and are not limited to

- Differential Equations
- Discrete Mathematics
- Modeling and Simulation
- Numerical Methods / Analysis
- Optimization Techniques in Engineering
- Stochastic Models
- Neural Networks / Fuzzy Logic
- Integral Transforms
- Financial Mathematics
- Algebra, Analysis
- Topology
- Genetic Algorithms
- Mathematical Physics
- Finite Element Methods
- Relativity Theory

**PAPER FORMAT :**

Original research articles and papers are invited for presentation in the Conference. Papers must reflect original thoughts, research work, practical experience, mathematical models, innovative ideas. Abstract (not more than 250 words) along with full manuscript giving area code, problem identification, techniques used and key results of the paper typed in MS Word / Latex with 12 points size in A4 sheets be sent by email to [ncpam17.maths@coep.ac.in](mailto:ncpam17.maths@coep.ac.in)

**DATES TO REMEMBER :**

Last date for submission of Registration Form & / Abstract	: 5 <sup>th</sup> April 2017
Notification of acceptance of Abstract	: 12 <sup>th</sup> April 2017
Last date of submission of full length paper	: 17 <sup>th</sup> April 2017
Conference Dates	: 17 <sup>th</sup> , 18 <sup>th</sup> & 19 <sup>th</sup> May 2017

**REGISTRATION FEES :**

Research Scholars / Faculty	
With accommodation	: Rs. 3000/-
Without accommodation	: Rs. 1500/-

The hard copy of the completed registration form alongwith Demand Draft should be sent to :

**The convener, NCPAM-2017  
Department of Mathematics  
College of Engineering, Shivajinagar, Pune - 411005**

The registration form is also available on college website.

The registration for the conference will be confirmed, only after receiving the Demand Draft. Registration is mandatory for delegates presenting paper/s in the conference.

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**DELEGATE REGISTRATION FORM**

Name in Block capitals: \_\_\_\_\_  
(Beginning with surname)  
Affiliation : \_\_\_\_\_

(Name and Address of the representing Organization/Institute)

Address for correspondence: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Telephone: \_\_\_\_\_

Mobile : \_\_\_\_\_

E-Mail: \_\_\_\_\_

Do you need Accomodation?  Yes  No

Participation in the conference

Please tick (✓) on the appropriate box

Attending the conference only

Presenting Paper

Demand Draft Amount :

Rs. \_\_\_\_\_

Name of the Bank: \_\_\_\_\_

Branch where DD is drawn: \_\_\_\_\_

Demand Draft No.: \_\_\_\_\_

Date : \_\_\_\_\_

Place :

Date : \_\_\_\_\_ Name & Signature of the Applicant

**Note:** The payment should be made only through Demand Draft in favour of "The Director, College of Engineering, Pune NCPAM-2017" payable at Pune.

(A photocopy of the registration form may be used.)

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