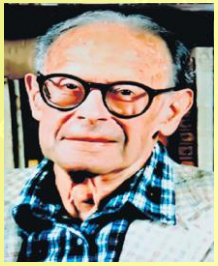
A Five Day Online International FDP

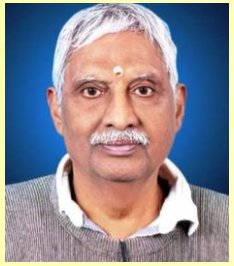
on

Innovative Applications of Mathematics *(IAM - 2026)*

17th - 21st, November 2026



Dr. Komaravolu Chandrasekharan (1920 – 2017)



Dr. Nagalla Prabhakara Rao (1954 – 2023)

Organized by

Department of Mathematics

in association with

Institution's Innovation Council (IIC-BEC)

Bapatla Engineering College::Bapatla

(Autonomous)

(Affiliated to Acharya Nagarjuna University)

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INTRODUCTION:

In view of Birthday Celebrations of Great Mathematicians: **Dr. Komaravolu Chandrasekharan** garu (106th) and Former HOD **Dr. Nagalla Prabhakara Rao** garu (72nd) from the Soil of Bapatla, the Department of Mathematics, Bapatla Engineering College, Bapatla will be organising A one week International FDP on "**Innovative Applications of Mathematics**" **(IAM–2026)** through virtual mode.

This online FDP provides awareness on current developments in Mathematics from multiple domains. The program is intended to update existing knowledge in faculty members and create a deeper interest in various fields of Mathematics. This FDP will provide insight into Linear Algebra and its applications, Number Theory, Crypto currency and its Applications, Eco-Epidemiology and Statistics. This FDP also includes concepts of Machine Learning which helps us for data analysis and to build analytical models that understand data. In many aspects, Applications of Mathematics with conceptual approaches definitely enrich the faculty members for enhancing their knowledge in multifarious fields.

It will provide an opportunity for faculty working in AICTE approved engineering colleges and UG/PG colleges affiliated to various Universities to learn about the current state of research and techniques in mathematical sciences.

OBJECTIVES:

- To foster a culture of lifelong learning process among faculty members by motivating them to remain up to date on cutting-edge research, educational needs, and creative approaches to teach mathematics.
- To promote interdisciplinary methods among faculty members, showing how mathematical ideas may be used in a variety of academic fields and real-world situations.
- To serve as corner stone of the continuous improvement and enriching the knowledge in faculty members with innovative teaching methodologies.

DOMAINS TO BE COVERED:

- Linear Algebra and its Applications
- Number Theory
- Statistics
- Eco-Epidemiology
- Crypto currency and its Applications

CONTENT DELIVERY:

Renowned resource persons from various prestigious academic institutions would be delivering lectures and sharing their knowledge with the participants.

ABOUT THE COLLEGE:

Bapatla Engineering College (Autonomous) is one of the seven Educational Institutions founded and run by BAPATLA EDUCATION SOCIETY. The society was established in the year 1962 registered No:58/1962 under societies act XXI of 1860 with the objectives to ensconce and run the Educational & Cultural Institutions. The college was established in 1981 with a total of 44 years of service to nation.

- The college runs 27 programs in both UG and PG.
- The college is one of the "Oldest Institutions in the State of Andhra Pradesh".
- The college is widely acclaimed for its meticulous planning, resource scheduling and Institutional management.
- The college is accredited by NBA and has autonomous status with NAAC 'A+' and ISO accreditation.

ABOUT THE DEPARTMENT:

The Department was established in the year 1981 in which the college was started and have well qualified, experienced and motivated faculty in different specialized areas. The Department was originally intended to cater the needs of Engineering, offered M.Sc (Mathematics) course with an intake of 40 students in 1989.

The Department was recognized as a Research Centre by Acharya Nagarjuna University in the Academic year 2003-04. So far 3 Ph.D's and 10 M. Phil's were awarded.

SPECIAL FEATURES OF DEPARTMENT OF MATHEMATICS

Total Number of Papers Published	: **214 +**
Total Number of Events Attended/Presented	: **288 +**
Total Number of Books/Chapters Authored	: **17**
Total Number of Books Edited	: **250 +**
Total Number of Professional Body Memberships	: **20 +**

Registration

- ✓ There is **NO REGISTRATION FEE** to attend the FDP
- ✓ Faculty from Various AICTE recognized Institutions and UG/PG Colleges affiliated to various Universities can attend the FDP. **PG students and scholars are not permitted to attend FDP.**
- ✓ **Last date of Registration to FDP is 14-11-2026**

Please use the following link/QR Code for Registration:

https://forms.gle/P2JDr5ZXNbTfvqJd9

Certificate

Upon successfully attending all the sessions and submitting daily feedback forms, participants will receive an e-certificate

RESOURCE PERSONS

- **Dr. J. Baskar Babujee**
  Professor, Dept. of Mathematics
  Anna University, MIT Campus, Chennai.
- **Dr. G. Srinivasa Rao**
  Professor, Dept. of Mathematics & Statistics, University of Dodoma, Tanzania.
- **Dr. P. V. Sundaranand**
  Professor & Head, Dept. of Mathematics, Rayalaseema University, Kurnool.
- **Dr. C. V. Pavan Kumar**
  Faculty in Mathematics, APEX Math Excel Center, North Carolina, USA
- **Dr. N. Phani Kumar**
  Professor, Dept. of Mathematics,
  Vasavi College of Engineering. Ibrahimbhag Hyderabad.

For Further Details Contact

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PATRONS OF THE FDP

Chief Patrons:

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President, Bapatla Education Society, Bapatla

Sri. Kolla Veeraiah Chowdary
Vice-President-1, Bapatla Education Society, Bapatla

Sri. Parepalli Chandra Sekhar
Vice-Prcsident-2, Bapatla Education Society, Bapatla

Sri. Manam Nageswara Rao
Secretary, Bapatla Education Society, Bapatla

Sri. Doppalapudi Venkaiah Chowdary
Joint Secretary, Bapatla Education Society, Bapatla

Sri. Kota Veera Brahmaiah
Treasurer, Bapatla Education Society, Bapatla

Patron:

Dr. Nazeer Shaik
Principal, Bapatla Engineering College, Bapatla.

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Associate Professor & HOD,
Dept. of Mathematics, BEC

Co - Convenor:
Dr. T. Srinivasa Rao
Associate Professor, Department of Mathematics, BEC

Staff Coordinator:
Mr. N. Karunakar
Assistant Professor, Department of Mathematics, BEC

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