

## About the Conference

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 developed interest in budding topics of pure and applied mathematics. We look forward to bring together a sizable number of active researchers engaged in different areas of mathematics. Paper presentation are expected to discuss the recent advances in pure and applied mathematics that would help in the application to science and engineering.

## Call for Papers/ Abstracts

The organizing committee of the conference invite papers from researchers and academicians on the following areas which include and are not limited to:

- Differential equations
- Discrete Mathematics
- Modelling and Simulations
- Algebra and number theory
- Numerical Methods and Optimization Technique
- Relativity
- Cryptography
- Computational fluid dynamics
- Differential Geometry
- Topology and Fuzzy Mathematics
- Operation Research and application
- Functional Analysis

## Patron

Prof. Sri Niwas Singh

Hon'ble Vice Chancellor, Madan Mohan Malaviya University of Technology, Gorakhpur.

## Chairman

Dr. D. Kandu

Head, Department of Applied Science  
MMMUT, Gorakhpur.

## Convenor

Dr. Amit Kumar Barnwal

Assistant Professor,  
Department of Applied Science,  
MMMUT, Gorakhpur.

## Convenor

Dr. Harish Chandra

Assistant Professor,  
Department of Applied Science,  
MMMUT, Gorakhpur.

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12. Dr. Abhishek Kr. Gupta
13. Dr. Ram Keval



## National Conference On "Recent Advances in Pure and Applied Mathematics" (RAPAM-2018) April 12-13, 2018



Sponsored  
By  
Technical Education Quality Improve-  
ment Programme  
(TEQIP -III)

Organized  
by  
DEPARTMENT OF APPLIED SCIENCE  
Madan Mohan Malaviya University of Technology  
(MMMUT)  
Gorakhpur-273010 (U.P.), INDIA

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## Submission of Papers

The authors are invited to send their papers/Abstract typed in MS world/ LaTeX with 12 point size, one copy of the full paper (not exceeding 8 pages) should be sent to [rapam18@gmail.com](mailto:rapam18@gmail.com). Paper will be selected for presentation on the basis of review by domain experts. All the accepted and presented papers will be published in the refereed national journal with ISBN number.

## Important Dates

Submission of Registration form and full paper/Abstract  
: **March 28, 2018**

Acceptance notification of abstract : **March 30, 2018**

Last date of submission of full length paper: **April 8, 2018**

Conference dates : **April 12-13, 2018**

## Registration

The enclosed registration form or its photocopy may be filled and sent with registration fee to corresponding address as per following details.

Type of Registration	Registration Amount (Rs.)*
Faculty Members	800
Research Scholars	500
Industrial Participants	1000

\*The registration for the conference will be confirmed only after receiving the demand draft/ Copy of online transaction.

## Mode of Payment

The payment for the registration fees can be made in the form of demand draft drawn in favour of "MMM University of Technology" payable at Gorakhpur or via Net Banking through detail given below

A/C No. : 33542824744  
Bank Name : State Bank of India  
Branch Name : MMMEC Gorakhpur  
IFSC code : SBIN0002578  
Branch Code : 2578

## Accommodation

Limited accommodation is available in university Hostel. However accommodation in the University Guest House /city hotel is available on payment basis. The charges of occupancy shall be born by the participant.

## Address for Correspondence:

Convener (RAPAM-2018)  
Department of Applied Science  
Madan Mohan Malaviya University of Technology  
Gorakhpur- 273010, U. P. (INDIA)  
Mobile: 09235501646/ 09235501647  
<http://www.mmmut.ac.in>  
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## About University

Madan Mohan Malaviya University of Technology, Gorakhpur (formerly Madan Mohan Malaviya Engineering college, Gorakhpur established in 1962, upgraded to University status in December, 2013) is a residential Technological University established by Government of U. P., with an aim to evolve and impart comprehensive higher education with focus on Basic science, Engineering, Technology, Management and allied areas. The University is situated on state highway Gorakhpur-Deoria road about 8 km from Gorakhpur Railway and Bus Station.

## About The Department

The Department of Applied Science was established in the year 1962. The Department is aligned with Mathematics, Physics, Chemistry and Humanities. It has well qualified, devoted and dedicated team of teaching staff. The faculty members of Applied Science are actively engaged in research activities. Three major research projects running in the department which are funded by national agencies.

## About Gorakhpur

Gorakhpur which derives its nomenclature from the great ascetic saint Gorakhnath. Gorakhpur is a city located along the banks of Rapti river in the eastern part of the Indian state of Uttar Pradesh. It is the head quarter of north-east railways and is well connected by rail and road to all important cities of India. It also connected by air to the metro Politian cities as well. It is about 5 - 6 hours run by road from Lucknow and Varanasi. The city is famous for its well-known Gorakhnath Temple and Gita Press.

A number of historical, cultural and tourist sites lie in the vicinity of town. Kapilvastu, the home town of Lord Buddha, is about 90 km from here. The famous Buddhist site, Kushinagar, the nirvana sthal of Lord Buddha, lies at distance about 50 km. Maghar, the holy place of saint Kabir Das, is very near to Gorakhpur city and Nepal border is at a distance of only 60 km from it.



## National Conference

on

## "Recent Advances in Pure and Applied Mathematics" (RAPAM-2018) (April 12-13, 2018)

### REGISTRATION FORM

Full Name & Designation : .....

Organization : .....

: .....

Field of Specialization : .....

Official Address : .....

: .....

Email : .....

Mobile : .....

Educational Qualification : .....

Accommodation Required: Hostel / hotel\*

Registration Categories: Academic/ Industry

Registration fee: Rs. ....

Details of Payment : D.D./ Online Transaction ID No. .

.....

Bank Name: .....

Dated ..... Amount .....

(Demand Draft drawn in favour of "MMM University of Technology" payable at Gorakhpur or via Net Banking)

Signature: .....

Signature of Sponsoring Authorities

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