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Members

1. Dr. Arjun Dubey
2. Dr. D. Kandu
3. Dr. B. K. Pandey
4. Dr. P.P. Pande
5. Dr. S. P. Singh
6. Dr. Krishna Kumar
7. Mr. Ravi Kumar Gupta

About Short Term Course

Owing to the phenomenal advancement of knowledge, especially in Science and Technology, the importance of Mathematics has immensely increased today. This short term course has been designed to explore the advanced applications of Mathematics in various domain of Science and Technology.

Objective of Short Term Course

- ◆ To introduce the basics of mathematical real world problems in various fields along with the diverse modern numerical techniques to solve the problems in general .
- ◆ To discuss the open problems of Mathematics which are essential in Science and Technology.

Course Content

The focus area will include following but not limited to:

Differential Equation
Fractional Calculus and their applications
Advanced Numerical Analysis
Mathematical Modelling
Algebraic Coding Theory
Fourier Analysis
Special Functions and Integral Transforms
Calculus of Variations and Integral Equations
Probability and Statistics
Optimization Techniques
Soft Computing Techniques: MATLAB , Mathematica

Short Term Course On “Mathematical Methods in Science and Technology”

December 15-19, 2015



Sponsored by
**Technical Education Quality
Improvement Programme-II**



Organized by

Department of Applied Sciences
Madan Mohan Malaviya University of Technology
Gorakhpur-273010 (UP), India

Eligibility for Participation

Teachers from University/ Academic Institutions / Delegates from Industries

How to apply

Interested persons may apply on prescribed format alongwith the registration fee in the form of demand draft drawn in favour of “**STCMMST-15**” payable at **Gorakhpur**. The application should be sent to the mailing address of the course convener latest by November 20th 2015. The total number of seats in this course is limited to 30. In view of the limited seats, selection will be made on first come first serve basis.

Course fee:

Course fees for Teachers : ₹ 1000.00

Industry personnel : ₹ 1500.00

Course fee includes lecture notes and refreshments during the course.

Address for Correspondence

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Convener

Head and Chairman

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<http://www.mmmut.ac.in>

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 Applied 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 has well qualified, devoted and dedicated team of teaching staff. The faculty members of Department are actively engaged in their respective research areas. The department offers Doctoral program in the field of Physics, Chemistry, Mathematics and English.

About Gorakhpur

Gorakhpur which derives its nomenclature from the great ascetic saint Gorakhnath is an important city of eastern U.P. It is the head quarter of north-east railways and is well connected by rail and road to all important cities of India. It is 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 90 km from

Short Term Course ON

Mathematical Methods in Science and Technology

STCMMST-15

December 15-19, 2015

REGISTRATION FORM

Full Name & Designation :

Organization :

Field of Specialization :

Official Address :

Email :

Mobile :

Educational Qualification :

Accommodation Required: Guest House/hotel*

Registration Categories: Academic/ Industry

Registration fee: Rs.

Details of Payment : D.D. No.

Bank Name:

Dated Amount

(In favour of “STCMMST-15” payable at Gorakhpur)

Signature:

Signature of Sponsoring Authorities

* Limited accommodation is available in University guest house. However accommodation in city hotel is available on payment basis. The charges of hotel