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Advanced Training in Mathematics Schools

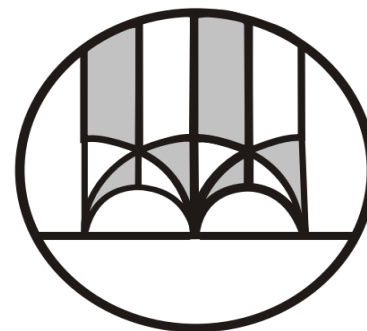
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(Supported by National Board for Higher Mathematics)



Teacher's Enrichment Workshop (TEW) on "Differential Equations and Mathematical Modelling"

Jaypee Institute of Information
Technology, Noida, India
(Feb 14 –Feb 27, 2022)



The Teacher Enrichment Workshop is a programme funded by the National Centre for Mathematics (A joint centre of TIFR & IIT Bombay). The TEW is meant for college teachers to revisit and update their content knowledge. The lectures in this workshop cover specific topics which are relevant for the teachers' classroom instructions. An important component of this programme is the discussion hour during which the teachers will have opportunities to get their doubts cleared and work-out routine to advanced exercises.

Differential equations are one of the incredible tools, as far as science, engineering and all real-life situations are concerned. It is practically important for engineers and scientists to be able to model physical problems using differential equations, and then solve these equations so that the behavior of the systems can be visualized in comprehensive manner. The primary focus of this TEW is to explore contemporary and advanced revolutions in multidimensional area of differential equations accompanied by mathematical modeling.

INSTITUTIONAL ADVISORY COMMITTEE:

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Eminent Speakers:

- Prof. V. D. Sharma, Department of Mathematics, IIT Gandhinagar, Gujarat
- Prof. S. K. Tomar, Department of Mathematics, Panjab University, Chandigarh, Punjab
- Prof. Alka Tripathi, Department of Mathematics, JIIT, Noida, Uttar Pradesh
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- Dr. Ram Jiwari, Department of Mathematics, IIT Roorkee, Uttarakhand

Contact Details:

Application Form and all other information about the programme is available
on <https://www.atmschools.org/school/2022/TEW/demm>