



## Science Academies' Refresher Course on Differential Equations and their Applications in Science and Engineering (DEASE-2016)

at

**Department of Applied Mathematics, Indian School of Mines  
Dhanbad 826 004, Jharkhand**

[www.ismdhanbad.ac.in](http://www.ismdhanbad.ac.in)

4-16 July 2016

*Sponsored by*

**Indian Academy of Sciences, Bengaluru**

**Indian National Science Academy, New Delhi**

**The National Academy of Sciences, India, Allahabad**

Science Academies' Refresher Course is being organized in the Department of Applied Mathematics, Indian School of Mines, Dhanbad. This course will be an added source of inspiration to the faculty members, research scholars, and undergraduate/postgraduate students in particular and teaching fraternity in general. We hope that the refresher course taken by mathematicians, deeply interested in teaching, will motivate young minds and inspire faculty members to engage themselves in active teaching and research. The key features of this Course are enlisted as follows:

- To abreast with the knowledge and expertise of eminent academicians working on Differential Equations and their various applications in science and engineering.
- To motivate the young minds to learn basic topics and applications of differential equations.
- Undergraduate and/or postgraduate teachers may be given preference to participate in the programme for his/her exposure and opportunity to interact with eminent academicians who are exclusively working in the areas of Differential Equations and their applications.
- Hands on Session/Tutorials will be organized to solve the real world problems with the help of Mathematical/Matlab.
- Study material will be provided to all participants in the form of soft and/or hard copy.
- Only **25 outstation Teachers/Research Scholar and 10 Local Teachers/Research Scholars** will get an opportunity to participate in this course.

**Course Director: Prof. Phoolan Prasad**, NASI-Platinum Jubilee Senior Scientist Fellow, Department of Mathematics, Indian Institute of Science, Bengaluru.

**Course Coordinator: Dr M. K. Singh**, Associate Professor, Department of Applied Mathematics, Indian School of Mines, Dhanbad 826 004.

Teachers who wish to participate should send their applications online using the following link:

<http://web-japps.ias.ac.in:8080/Refreshcourse/RCDE.jsp>

Alternatively applications may be sent with necessary personal details by e-mail ([drmks29@rediffmail.com](mailto:drmks29@rediffmail.com)). Please note that selected participants will be paid III A/c fare by the shortest route with local hospitality. The applications should be forwarded through the Head of the Department/Institute. Selected participants will be intimated through e-mail by **31 May 2016**.

Last date for receiving applications **30 April 2016**.