



**Mahatma Hansraj Faculty Development Centre  
(An MHRD Initiative under PMMMNMTT)  
Hansraj College, University of Delhi**

## One week FDP on Software Packages for Mathematical Sciences

November 14 – 19, 2018

### About PMMMNMTT

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) emphasizes the need to change the role of a teacher from mere disseminator of information and knowledge to one who advances frontiers of existing knowledge by actively developing and creating new insights into diverse social and physical phenomena.

### Hansraj College

Hansraj College is one of the largest constituent colleges of University of Delhi. The college has been ranked as one of the top five colleges for science, arts and commerce several times in the last decade. The faculty and the students of the college have contributed immensely to the field of academics, sports and cultural activities. Department of Mathematics of the college is one of the most reputed departments in the university and it has been following a tradition of excellence in teaching and research.

## About the Programme

It has been very recently that applied as well as pure mathematicians across the globe have started showing larger interest in applications of computer programs to their teaching and research. The growing interest has given a jump to the number of commercial as well as open source software packages available for mathematical sciences. The FDP aims to introduce four major players of the category namely Mathematica, Maxima, R and LaTeX to teachers of colleges and universities and provide them hands on experience on these platforms as well. **Research scholars working in various areas of Mathematical Sciences may also apply.**

### Programme Schedule

- Nov 14 : Inauguration and Introductory Lectures
- Nov 15 : Lectures and hands on sessions on Maxima and/or Mathematica
- Nov 16 : Lectures and hands on sessions on R
- Nov 17 : Lectures and hands on sessions on LaTeX
- Nov 19 : Special Lecture, lectures/hands on session on Mathematica and valedictory function

Sessions will start at 9 am every day. Registration of participants starts at 8: 30 am on November 14.

## Registration Details

- **Pre-registration to the FDP is through online mode only.**
- Interested participants are requested to fill the online pre-registration form available at the following URL latest by November 8, 2018:

<https://tinyurl.com/vcjd2vd>

- Selected participants shall be intimated latest by November 10, 2018 through e-mail.
- Travel expenses shall be reimbursed as per the rules. Accommodation to outstation applicants shall be provided on request.

**There is no registration fee for the courses as per revised decision.**  
**Requirement of fee in brochure already released may be ignored**

For further queries, write to us at [fdp.hrc@gmail.com](mailto:fdp.hrc@gmail.com)

### MHRFDC Team

Chairperson	Dr. Rama
Board of Directors	Ms. Alka Kakkar Dr. Preeti Dharmarha Dr. Krishan Sachdeva
Coordinator	Dr. Rakesh Batra (9868000827)
Deputy Coordinator	Dr. Sneha Suri (9810669832)

### FDP Organizing Team

Coordinator	Dr. Jyoti Bhola
Convener	Dr. Mukund Madhav Mishra
Members	Dr. Rakesh Batra Dr. Arvind Mr. Brij Mohan Mr. Luckshay Batra