



NATIONAL MATHEMATICS YEAR 2012

State Level Seminar on
**Role of Mathematics
 in Life Sciences**

Under Quality Improvement Program, University of Pune

6th - 7th February 2012

Advisory Committee

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Mr. Ganesh Sathe



Progressive Education Society's

MODERN COLLEGE OF ARTS, SCIENCE & COMMERCE

Ganeshkhind, Pune 411053. Maharashtra, India

Affiliated to University of Pune

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Organized by Department of Mathematics

Progressive Education Society's

MODERN COLLEGE OF ARTS, SCIENCE & COMMERCE

Ganeshkhind, Pune 411053. Maharashtra, India

- ◆ NAAC Re-accredited with 'A' Grade
- ◆ Best College Award by University of Pune

ABOUT US

Progressive Education Society, Pune 5.

Progressive Education Society is one of the leading educational institutions in Maharashtra. P.E. Society was founded by a well known dedicated teacher late Shankarrao Kanitkar, in the year 1934. As a result of the selfless and untiring efforts of a team of dedicated teachers, the school, colleges, management and computer institutes run by P.E. Society has earned the reputation of an institutions imparting quality education all over Maharashtra.

Dr. Gajanan R. Ekbote the Honourable Chairman of P.E. Society is an eminent surgeon and an able administrator who heads 58 educational institutions which include schools, colleges, professional colleges and Management institutes. Each unit has firmly established itself as a 'Modern' and 'Progressive' educational institution.

Modern college, Ganeshkhind

Modern college of Arts, Science and Commerce, Ganeshkhind, Pune 53 was established in 1992. It is affiliated to the University of Pune. It was reaccredited by NAAC with 'A' grade in 2011. The college received the 'BEST COLLEGE AWARD' of University of Pune in 2009. It has both Grant in-aid as well as self financed courses approved by the Government of Maharashtra and University of Pune. The college runs undergraduate and post graduate courses in various disciplines. It also has University approved research centers which carry out excellent research leading to M. Phil and Ph.D. degrees. The college also runs value added courses certificate and diploma courses in applied branches to bridge the gap between academic and industry. In a very short span of time the college has progressed in many areas viz academic, sports, research, social and co-curricular activities. The college till date has received many research grants form esteemed organizations, such as ISRO, UGC, DBT, DST, BCUD (University of Pune).

Mathematics Department

Mathematics is offered at undergraduate level as well as in interdisciplinary courses such as Biotechnology and Management. To develop the interest in the subject and to provide a platform for students to show their creativity, the department organizes many student - centric activities such as Mathematical Hockey, Mathematics Quiz, Mathematical Projects and runs a Mathematics club. The Department also motivate students to contribute to social and extension activities.

OBJECTIVE

The main objective of this seminar is to share the mathematical concepts, applied in scientific studies of Life Sciences, to co-ordinate and foster activities in the area of interdisciplinary research including Mathematics and Life Science and to understand the fundamental Mathematical concepts from teacher's and student's point of view with life sciences background. This will help in study of biological processes, modeling and predications.

Eminent Speakers

- **Dr. Chetan Gadgil**
Scientist, Chemical Engineering Division, NCL, Pune.
- **Dr. Mohan Kale**
Associate Professor, Department of Statistics, University of Pune.
- **Dr. Pranay Goel**
Assistant Professor, IISER, Pune.
- **Dr. Nilesh Dahanukar**
Assistant Professor, IISER, Pune.
- **Dr. Shridhar Gejji**
Professor, Department of Chemistry, University of Pune.
- **Prof. Prakash Dixit**
Head, Department of Statistics, Modern College, Pune -5

Registration

Teachers : - Rs. 250 /-

Students : - Rs. 100/-

Registration fee to be paid in cash at the time of registration.

Note:- Confirm your registration by e-mail before 31st January 2012

For online Contact

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Visit us at Website:

www.moderncollegegk.org

Venue:

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