

SECRETARY'S REPORT ON NCRTM 2018

A two days National conference was organized by Bharat Ganita Parisad during 10-11 Nov, 2018 at Department of Mathematics and Astronomy, University of Lucknow, Lucknow. The theme of the conference was 'Recent trends in Mathematics' which included symposiums on

- (i) **Topological dynamics and Approximation theory**
- (ii) **Fluid mechanics and Bio Mathematics**
- (iii) **Applications of Mathematics.**



The Chief Guest for the inaugural function of the conference was Mr SAT Rizvi, Retd IAS who has been alumni of the Department and a Ph.D student of Prof Ram Ballabh. Many eminent mathematicians like Prof R K Singh, Prof Manjul Gupta, Prof M Sitaramayya, Prof Amin Sofi, Prof S K Dube were present to grace the occasion.

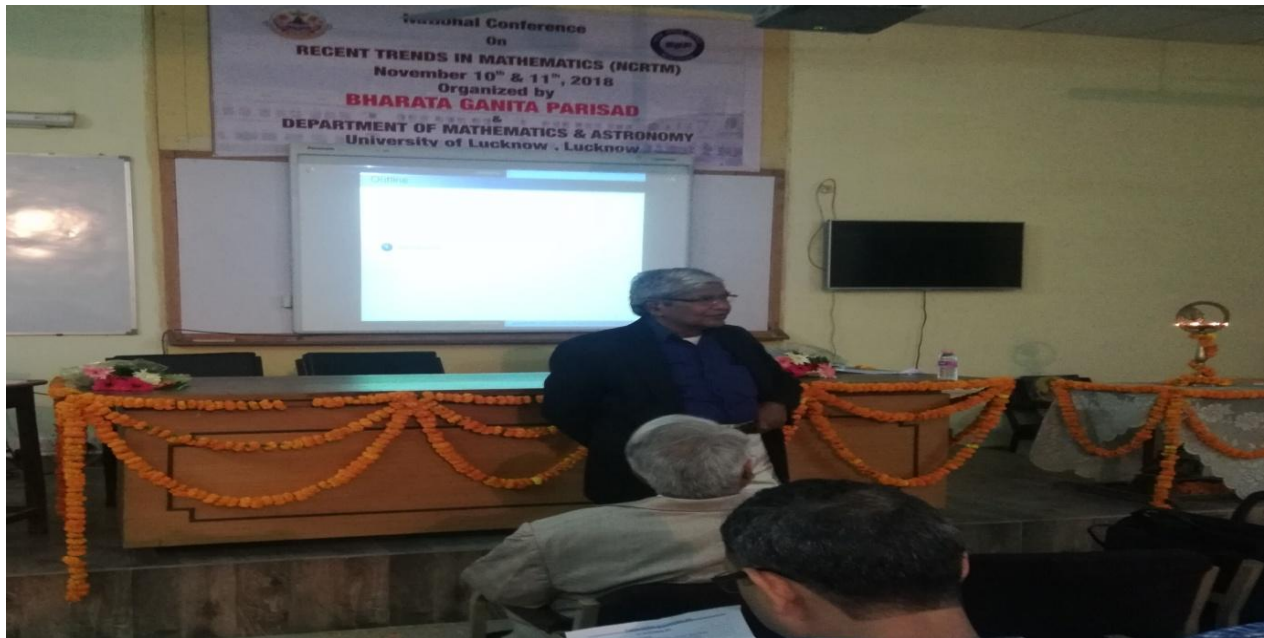
In his inaugural speech Mr Rizvi expressed his concern on the GER (Gross Enrollment Ratio) in higher education in India which is only 12% whereas the average GER, across the world, is approximately 23%. He informed that approximately 1500 new universities would be needed to fulfill the gap in GER. According to a report he referred that out of the total 36000 PhDs awarded during 2007-2012 in India only 6% were awarded in Mathematics.



Prof Manjul Gupta of IIT Kanpur, President of the Parisad, in her presidential address emphasized on the importance of Mathematics not only in every field of science but also in day to day life. The first session of the first day was devoted to Prof Ram Ballabh as this year is the birth centenary year of Prof Ram Ballabh, who has been a stalwart of this department. His colleagues and students like Prof Sunil Datta, Mr SAT Rizvi, Prof K D Singh, Prof K K Mathur, Dr Mohd Aleem Khan, Dr Ras Behari Srivastava, Prof S K Dube very fondly remembered Prof Ram Ballabh and also discussed about their experiences with him.



The second academic session, was chaired by Prof R K Singh of Jammu University which included three eminent speakers viz., Prof M A Pathan from Aligarh University, Prof M Sitaramayya from Hyderabad and Prof Amin Sofi from Kashmir University, Srinagar.



The third academic session was the **Symposium on Topological Dynamics and Approximation Theory** and the Chairperson for the session was Prof Amin Sofi.



There were some very high quality deliberations by Prof Chanchal Kumar from IISER, Dr Deepika Baweja from BITS Pilani, Hyderabad Campus and Prof Gopal Datt from DAV PG College, Delhi University.



On the second day of the conference two symposiums were organized. **The first symposium on Fluid Mechanics and Bio-Mathematics** was Chaired by Prof Sunil Datta which included some very interesting talks from Prof Peeyush Chandra of IIT Kanpur, Prof P L Patel from SVNIT Surat, Prof B S Bhadauria of BBAU, Lucknow, Prof S S Shukla and Prof Satya Deo of Allahabad University.



The Second symposium, **Applications of Mathematics**, was chaired by Prof M Sitaramayya of Hyderabad University.

The symposium included talks from very prominent speakers like Prof S D Tripathi of HRI Jhusi, Prof C S Lalitha of Delhi University, Prof R P Pant from Kumaun University and Dr U P Singh from Katra. There were parallel sessions for paper presentation. Around 50 students presented their papers. In the valedictory function Prof S D Tripathi, Prof Peeysh Chandra, Prof Amin Sofi, Prof M Sitaramayya, Prof R P Pant appreciated the quality of lectures which took place during the conference and demanded the need of many more such deliberations regularly

so that the research students as well as the young faculty members get motivated in pursuing research in mathematics.



I am thankful to Prof Satya Deo Tripathi, Prof M Sitarammaiya, Prof Peeyush Chandra, Prof S K Dube, Prof M A Pathan, Prof Amin Sofi, Prof Gopal Datt, Prof C S Lalitha and all the other invited speakers who spared their valuable time from their busy schedule for attending the conference and giving a talk which not only helped the young researchers to learn the subject but also motivated them for pursuing research in mathematics. I am also thankful to Dr SAT Rizvi who very fondly accepted to be the chief guest for the inaugural function of the conference.

I, on behalf of BGP, am thankful to NBHM, CSIR and Lucknow University for providing partial support for organizing the conference.

I am also thankful to all the faculty members, office staff and students who supported and helped in making the conference to be a great success!

Dr. Pankaj Mathur

Secretary, BGP