

**CENTRAL UNIVERSITY OF HIMACHAL PRADESH
DHARAMSHALA-176215, HP, INDIA**

WORKSHOP ON

Analytical Aspects of Dynamics

November 11-17, 2014



**Organized by
The Mathematical Society
&
Department of Mathematics,
Central University of Himachal Pradesh**

Aims and Objective of the Workshop

The basic objective of this workshop is to provide students an exposure to basics of analytical techniques in dynamics. Dynamics stimulate numerous fascinating linkages with various branches of Mathematics and Physics. The courses in the workshop are pedagogically designed so as to enable the participants to gain basic understanding of the topics which are being studied at forefront of present day research. The subjects of the workshop would touch upon topology, symplectic geometry and fluid dynamics.

About CUHP

The Central University of Himachal Pradesh is established under the Central Universities Act 2009 (No. 25 of 2009) enacted by the Parliament. The University is funded and regulated by the University Grants Commission (UGC). The Central University of Himachal Pradesh strives for Inclusive Access to Excellence in Higher Education and Research to emerge as Premier University of the Country at par with the best Universities of the World in terms of Programme Offerings, Curricular Framework, Pedagogy, Research, Publications and Integration with the World of Work. For more details, please visit: www.cuhimachal.ac.in

About the department of mathematics

The salient features of the department are

- ❖ Teaching and research programs are designed that encourage students to think logically and abstractly, both being the hallmarks of modern mathematics.
- ❖ Courses curricula and delivery of education is designed in a way that provides excellent base and opportunities for learners to work in wide range of work settings.
- ❖ In the teaching learning process, students are encouraged to learn through problem solving by application of mathematics.

Chief Patron

Prof. Y. S. Verma

Vice Chancellor, CUHP

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Prof. I. V. Malhan

Dean, School of Mathematics,

**Computer and Information
Sciences, CUHP**

Convener

Dr. Ravinder Singh

Co-Convener

Dr. S. K. Srivastava

Organizing Secretary

Dr. Rakesh Kumar

Invited Speakers

❖ **Dr. Rama Bhargawa, Department of
Mathematics, IIT Roorkee**

❖ **Dr. Paras Ram, Department of
Mathematics, NIT Kurukshetra,
Haryana**

❖ **Dr. C. S. Aravinda, Department of
Mathematics, TIFR-CAM, Bangalore**

In addition, there will be short talks by

❖ **Dr. B. C. Chauhan, Department of Physics
& Astronomical Science, CUHP**

❖ **Dr. Ayan Chatterjee, Department of
Physics & Astronomical Science, CUHP**

❖ **Dr. Vikram Singh, Centre for
Computational Biology & Bioinformatics,
CUHP**