Dr. Rakesh Kumar

Professor & Head
Srinivasa Ramanujan Department of Mathematics,
School of Mathematics,
Computers and Information Sciences,
Central University of Himachal Pradesh,
ShahpurParisar, Shahpur, HP, India
Mail :rakesh.lect@hpcu.ac.in
Mobile :+91 9418670200

Experience :

Teaching/Research: 16 Years

Administrative Experience:

1. **Dean**, School of Mathematics, Computers & Information Sciences, CUHP
2. **Head**, Srinivasa Ramanujan Department of Mathematics, CUHP
3. **Head**, Department of Computer Science & Informatics, CUHP
4. **Head**, Department of Library and Information Science, CUHP
5. **Honorary Director,** Centre for Vedic Mathematical Studies, CUHP
6. **VC Nominee**, Board of Studies, Department of Earth and Environmental Sciences, CUHP
7. **VC Nominee**, Board of Studies, Department of HPKV Business School, CUHP
8. **VC Nominee**, School Board, School of Physics and Material Sciences, CUHP
9. **VC Nominee**, Departmental Academic Integrity Panel, Department of Plant Sciences, CUHP
10. **Chairman,** School Board, School of Mathematics, Computers & Information Sciences, CUHP
11. **Chairman**, Board of Studies, Srinivasa Ramanujan Department of Mathematics, CUHP
12. **Chairman,** Board of Studies, Department of Computer Science and Informatics, CUHP
13. **Chairman,** Board of Studies, Centre for Vedic Mathematical Studies, CUHP
14. **Chairman,** Departmental Academic Integrity Panel, Srinivasa Ramanujan Department of Mathematics, CUHP
15. **Chairman,**Curriculum Development Committee, Department of CSI CUHP
16. **Director Research Nominee,** Departmental Research Committee, Department of Plant Sciences
17. **DirectorResearch Nominee**, Departmental Research Committee, Department of Computational Biology and Bioinformatics, CUHP
18. **Ex Officio member**, Academic Council, CUHP
19. **Sports Coordinator,**ShahpurParisar, Shahpur, CUHP

Publications :

Paper Published SCI / Scopus Journals: 54
Papers in National/International Conferences: 16

Research Interest :

Fluid Dynamics, Numerical Analysis, Fractional Calculus

Membership of Learned Societies/ Professional Bodies:

1. Life Member, Himachal Mathematics Society

Reviewer Journals :

1. Journal of Molecular Liquids, Elsevier
2. Chinese Journal of Physics, Elsevier
3. Scientific Reports
4. Propulsion and Power Research, Elsevier

Conferences/Seminars/Workshop organised/Convened:

1. Three Days workshop on "**Two faces of Analysis**" from April 21st to April 23rd , 2014 organised by Mathematical Society of CUHP.

2. One Week workshop on "**Analytical Aspects of Dynamics**" from November 11th to November 17th, 2014 organised by Mathematical Society of CUHP.

3. Two Days workshop on "**Sobolev spaces**" from February 27th to February 28th , 2015 organised by Mathematical Society of CUHP.

4. One Day workshop on "**Recent Trends in Continuum Mechanics**", 18th May, 2015 organised by Mathematical Society of CUHP.

5. Two Days Workshop on "**Indian Mathematics**" from 13 September to 14 September 2019 organised by Mathematical Society of CUHP.

6. Two Days National Seminar on "**Analytical Aspects of Dynamics**" from 22 November to 23 November 2019 organised by Mathematical Society of CUHP.

7. Two Days International Workshop on **Geometry of Continued Fractions: Ramanujan and his Successors, from** 14-15 September 2020 organized by Srinivasa Ramanujan Department of

Mathematics, CUHP.

8. One Day International Workshop on **Srinivasa Ramanujan: The Man Beyond Infinity on** 22 December 2020 organized by Srinivasa Ramanujan Department of Mathematics, CUHP.

9. One Day National Webinar on **आज के संदर्भमें वैदिक गणित की प्रसांगिकता on** 03 September 2021 organized by Centre for Vedic Mathematical Studies,SoMCIS, CUHP.

10. One Week National Workshop on **Principles of Vedic Mathematics** from 08-12 November, 2021 organized by Srinivasa Ramanujan Department of Mathematics, CUHP.

11. Two Days National Seminar **on Overview of Computational Modeling** on 04-05 August 2022 jointly organised by Srinivasa Ramanujan Department of Mathematics and Department of Computer Science & Informatics, CUHP.

Invited Talks/Lectures:

1. **Mathematics- an interesting and useful discipline**, **INSPIRE INTERNSHIP CAMP**, Department of Microbiology, College of Basic Sciences, CSK HP KrishiVishvavidalaya, Palampur, HP, 22-26 October 2013
2. **Recent Trends in Mathematics**, **A Programme on Career Opportunities and Recent Trends in Mathematics**, M&M Educational Services, Hamirpur HP, 1 February 2014
3. **Importance of Mathematics-I**, **INTERNSHIP SCIENCE CAMP**, Laureate Institute of Pharmacy, Kathog, Jwalaji HP, 4-8 July 2016
4. **Importance of Mathematics-II**, **INTERNSHIP SCIENCE CAMP**, Laureate Institute of Pharmacy, Kathog, Jwalaji HP, 19-23 December 2016
5. **Role of Mathematics in Making India Self-Reliant**, 20 June 2022, **STATE SCIENCE AND TECHNOLOGY PROGRAMME (SSTP), HP.**
6. **Prospects in Mathematics** on 04.11.2022 organised by Department of Mathematics **MCM DAV College Kangra**, HP.

PhD Supervised :

Awarded: **03**
Submitted: **00**
Ongoing: **05**

ResearchProject: 01

Place :CUHP, Shahpur Campus   **Dr. Rakesh Kumar**