

## Dr. Rakesh Kumar

### Professor & Head

Srinivasa Ramanujan Department of Mathematics,

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### 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. **Director Research 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

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### Research Interest :

Fluid Dynamics, Numerical Analysis, Fractional Calculus

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### Membership of Learned Societies/ Professional Bodies :

1. Life Member, Himachal Mathematics Society
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### Reviewer Journals :

1. Journal of Molecular Liquids, Elsevier
  2. Chinese Journal of Physics, Elsevier
  3. Scientific Reports
  4. Propulsion and Power Research, Elsevier
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### Conferences/Seminars/Workshop organised/Convened :

1. Three Days workshop on “**Two faces of Analysis**” from April 21<sup>st</sup> to April 23<sup>rd</sup>, 2014 organised by Mathematical Society of CUHP.
2. One Week workshop on “**Analytical Aspects of Dynamics**” from November 11<sup>th</sup> to November 17<sup>th</sup>, 2014 organised by Mathematical Society of CUHP.
3. Two Days workshop on “**Sobolev spaces**” from February 27<sup>th</sup> to February 28<sup>th</sup>, 2015 organised by Mathematical Society of CUHP.
4. One Day workshop on “**Recent Trends in Continuum Mechanics**”, 18<sup>th</sup> 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 संदर्भ में वैदिक गणित की प्रसंगिकता** 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.

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### Invited Talks/Lectures :

1. **Mathematics- an interesting and useful discipline, INSPIRE INTERNSHIP CAMP**, Department of Microbiology, College of Basic Sciences, CSK HP Krishi Vishvavidalaya, 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.

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### PhD Supervised :

Awarded: 03  
Submitted: 00  
Ongoing: 05

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### Research Project : 01

Place : CUHP, Shahpur Campus

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