

CARRICULUM VITAE

Dr. Ram Pravesh Prasad

E-mail Id. ram.mbhudu@gmail.com

Phone NO. +919319760364

Academic Qualifications

- Ph.D in Mathematics 2015
Department of Mathematics
University of Delhi, Delhi-07
- M. Phil in Mathematics 2010
Department of Mathematics
University of Delhi, Delhi-07
- M.Sc in Mathematics 2008
Department of Mathematics
Banaras Hindu University
Varanasi

Awards:

- **CSIR-UGC NET.**
- **GATE.**

Teaching Experience:

- Working as an Assistant Professor, Department of Mathematics, Hans Raj College, University of Delhi, Delhi, since 07-Oct 2022 to till date.
- Worked as an Assistant Professor (Ad-hoc), Department of Mathematics, Hans Raj College, University of Delhi, Delhi, since 20-July 2016 to 06-Oct 2022.
- Worked as an Assistant Professor, Department of Mathematics, NIT Jalandhar from January-2016-June 2016.

- Worked as an Assistant Professor, Department of Mathematics, NIT Jalandhar from January-2014-June 2015.

Publications

- A. Khan and R. P. Prasad, Anti-Synchronization of Pan and Lorenz-Lu-Liu-Cai chaotic Systems by Active Nonlinear Control, International Journal of Artificial Life Research, 3(2), 15-25, April-June,2012.
- A. Khan and R. P. Prasad, Hybrid Synchronization of Shimizu-Morioka System by Active Nonlinear Control, International Journal of Computer Information Systems, Vol. 5, NO. 5, 2012.
- A. Khan and R. P. Prasad, “Hybrid chaos synchronization of Hyperchaotic Cai system via sliding mode control” Journal of Engineering Thermo- physics, Vol. 25, No. 1, 2016 (**Scopus, SCIE, UGC-CARE**), **I.F.-1.402**
- A. Khan and R. P. Prasad, Anti-Synchronization in Different New Chaotic Systems via Active Nonlinear Control, Vol. 23 (LIX) 2013 No.2 PP.131-143, Archive of Control Sciences(**Scopus, UGC-CARE, I.F-1.088**)
- A. Khan and R. P. Prasad, “Projective Synchronization of Different Hyper chaotic Systems via Active Nonlinear Control”, Vol. 8, No.2, pp. 90-100, 2014, Journal of Uncertain Systems (**Scopus**).
- A. Khan and R. P. Prasad, Modified Projective Synchronization of New Hyper chaotic Systems, Vol. 9, No.1, pp. 049-053, 2014, Journal of Information and Computing Science.
- A. Khan and R. P. Prasad “Adaptive Control for Synchronization of Identical and Non-Identical Hyperchaotic Systems with Unknown Parameters” Journal of Engineering Technology and Applied Sciences 5 (2) 2020 : 77-92.
- S. Kumar, R. P. Prasad, C. Nishad, A.K. Tiwari & F. Khan Analysis and chaos synchronization of Genesio-Tesi system applying sliding mode control techniques” International Journal of Dynamics and Control” <https://doi.org/10.1007/s40435-022-01000-9>, 2022.

Workshops, FDP and Conferences attended:

- **Research scholar's Seminar** organised by Delhi University, 22-23 January 2009.
- **National meet on History of Mathematical Sciences** organised by Delhi University, 7-9 January 2009.
- **Research Scholars Seminar** organised by Delhi University, 18-19 March 2010.
- **National Workshop on Differential Equation, Computing and Modelling** organised by Delhi University, 20-24 December 2010.
- **Challenges before Applied Mathematicians: Fluid Dynamics and Optimization Techniques** organised by Rajasthan University, Jaipur 11-13 March 2011.
- **National Seminar for Research Scholars** organised by Delhi University, 24-25 March 2012.
- **The Legacy of Srinivasa Ramanujam International Conference** organised by Delhi University, 17-22 December 2012.
- **Symposium on Computational Techniques and Mathematical Modelling** organised by South Asian University, 5-6 April 2013.
- **Workshop on Information Literacy & Competency** organised by Delhi University, 17th January 2013.
- **Workshop on LaTeX and HTML** Organised by Acharya Narendra Dev College, Delhi University, Delhi, 27th August-2016.
- Participated in **National Conference on Higher Education Perspectives in India** organised by Deen Dayal College DU and (ABRSM) from July 29-30, 2017.
- Participated in INSPIRE program conducted at Hansraj College, Dec. 12-16, 2017.

- Participated in **Faculty Development program on Emerging Trends in Mathematics** organised by Department of Mathematics ARSD College, Feb.1, 2018.
- Participated in faculty development program on **Mathematica: A Tool for Computational Analysis** organised by Department of Mathematics Hansraj College, March 10-11,2018.
- Worked as a member on faculty development program on **Mathematica: A Tool for Computational Analysis** organised by Department of Mathematics Hansraj College, March 10-11,2018.
- Participated in one day seminar on “**Draft New Education Policy, 2019**” organised at Hansraj College, Aug.10, 2019.
- Participated in FDP “*Applications of Algebra and Number Theory in Network Security*”, **22-29 Dec.-2020**” organised by PMMMNMTT at Hansraj College, Delhi-07.
- Participated in FDP “*Usage of ICT in Education: Challenges and Opportunities during Covid19*”, **02-15 July-2021**” organised by PMMMNMTT at Hansraj College, Delhi-07.
- Participated in FDP “*Graph Theory and its Applications*”, **15-21 Sept.-2021**” organised by PMMMNMTT at Hansraj College, Delhi-07.
- Done one month FIP from Dec.1, 2022 to Dec. 30, 2022 organised by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.

Paper Presented in Seminar/Conferences

- The Paper an entitled “ **Chaos Synchronization of new hyperchaotic systems via active nonlinear control**” in the National Seminar for Research Scholars organised by Delhi University, 20-21 September-2013.
- The Paper an entitled “ **Adaptive control for synchronization of identical and Non-identical Hyperchaotic systems with**

unknown parameters” in the national seminar organised at IIT Roorkee, Oct. 12-14, 2018

Books: (1) A book chapter an entitled "**Synchronization of fractional order Hyperchaotic finance systems using sliding mode control techniques**"-2020.

(2) A book chapter an entitled "**Anti-synchronization between different nonlinear chaotic systems via active nonlinear control method**"-2022 (Under Publication Process).

Skills:

- **Software Package:** MS Office, Mathematica, LaTeX
- **Language Known:** Hindi and English

Personal Particulars

Father's Name: Sri Banka Prasad

Mother's Name: Smt Shanti Devi

DOB: 20-Aug.-1986

Nationality: Indian

Address: 19-C, Pocket-A Dilshad Garden, Delhi-95

Declaration

I hereby confirm that the information provided in this document is accurate and true of the best of my knowledge.

Place: New Delhi

Date: 21-04-2023.

(Ram Pravesh Prasad)