Dr. Naveen Chandra

PERSONAL DETAILS

- Mailing Address : Department of Mathematics, H. N. B. Garhwal University, B. G. R. Campus, Pauri, Uttarakhand (India), 246001.
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AFFILIATION

Position	**Assistant Professor,** Hemvati Nandan Bahuguna Garhwal University (A Central University) **June 16, 2022 – till date**

EDUCATION

2019	**Ph. D. (Mathematics),** D. S. B. Campus, Kumaun University, Nainital, India. ***Title of the Thesis:*** *"Fixed Point Theorems and Fractal Graphics."*
2014	**CSIR-NET (Mathemtics),** conducted by CSIR-HRDG, New Delhi.
2012	**M. Sc. (Mathematics),** D. S. B. Campus, Kumaun University, Nainital, India.
2010	**B. Sc. (Mathematics, Physics, Chemistry),** D. S. B. Campus, Kumaun University, Nainital, India.

EXPERIENCE

19 June, 2019-15 June, 2022	**Assistant Professor,** S. N. S. Govt. P. G. College, Narayan Nagar, Pithoragarh, Uttarakhand, India.

AWARD/HONORS

- Got **Letter of Appreciation** from **Vice-Chancellor**, Kumaun University, Nainital for efforts as an active member of the organizing team in **19th International Conference of International Academy of Physical Sciences & Symposium on Fixed Point Theory and Dynamical Systems,** Department of Mathematics, D. S. B. Campus, Kumaun University, Nainital.
- Awarded **Rajiv Gandhi National Fellowship (RGNF)** of **UGC, New Delhi**.

PUBLICATIONS

1. M. C. Arya, **N. Chandra,** Mahesh C. Joshi, *Some Common Fixed Point Results on (ψ, φ) contraction,* ***Bol. Soc. Paran. Mat.,*** (2022) (to appear). **(Indexed in Scopus)**
2. **N. Chandra,** Bharti Joshi, Mahesh C. Joshi, *Generalized Fixed Point Theorems on Metric Spaces,* ***Mathematica Moravica***, 26(2) (2022), 85-101. **(Indexed in MathSciNet (AMS))**

3. R. Kumar, **N. Chandra,** N. Garakoti, Mahesh C. Joshi, *Some results on non-expansive type mappings,* ***Appl. Math. E-Notes,*** 22 (2022), 287-298. (**Indexed in ESCI)**
4. **N. Chandra,** Bharti Joshi , M. C. Arya, Mahesh C. Joshi, *A common fixed point theorem for weakly compatible mappings,* ***Jñānābha***, 51(2) (2021), 274-280. **(Indexed in UGC-CARE List)**
5. M. C. Singh, Mahesh C. Joshi, **N. Chandra**, *Fixed point theorems on a closed ball,* ***Mathematica Moravica***, 25(1) (2021), 47–55. doi: 10.5937/MatMor2101047C **(Indexed in MathSciNet (AMS))**
6. M. C. Arya, **N. Chandra,** Mahesh C. Joshi, *Fixed point of (ψ, φ) contractions on metric spaces,* ***The Journal of Analysis***, 28 (2020), 461-469. doi: 10.1007/s41478-019-00181-5 **(Indexed in Scopus)**
7. **N. Chandra**, Mahseh C. Joshi, N. K. Singh, *Fixed point theorems for generalized non-expansive mappings*, ***Jñānābha***, 49(2) (2019), 1-5. **(Indexed in UGC-CARE List)**
8. Mahesh C. Joshi, M. Rani, **N. Chandra**, *Transcendental Picard-Mann hybrid Julia and Mandelbrot sets,* ***Mathematica Moravica,*** 23(1) (2019), 41–49. doi: 10.5937/MatMor1901041J **(Indexed in MathSciNet (AMS))**
9. **N. Chandra**, Mahesh C. Joshi, N. K. Singh, *Fixed point theorems for generalized multi-valued contraction,* ***The Journal of Analysis***, 26 (2018), 49-59. doi: 10.1007/s41478-017-0067-0 **(Indexed in Scopus)**
10. M. C. Arya, **N. Chandra,** Mahesh C. Joshi, *A coincidence point theorem in partial metric space,* ***Ganita***, 68(2) (2018), 01-06. **(Indexed in UGC-CARE List)**
11. **N. Chandra**, Mahesh C. Joshi, Narendra K. Singh, *Common fixed points for faintly compatible mappings,* ***Mathematica Moravica***, 21(2) (2017), 51–59. doi: 10.5937/MatMor1702051C **(Indexed in MathSciNet (AMS))**
12. **N. Chandra,** M. C. Arya, Mahesh C. Joshi, *A Suzuki type common fixed point theorem,* ***Filomat,*** 31(10) (2017), 2951–2956. doi: 10.2298/FIL1710951C **(Indexed in SCI)**
13. P. C. Mathpal, L. K. Joshi, Mahesh C. Joshi, **N. Chandra**, *Common fixed point theorems for hybrid pair of mappings,* ***Filomat,*** 31(10) (2017), 2975–2979. doi: 10.2298/FIL1710975M **(Indexed in SCI)**
14. **N. Chandra**, M. C. Arya and Mahesh C. Joshi, *Common fixed point theorems for multi-valued maps in partial metric spaces,* ***International Journal of Engineering, Contemporary Mathematics and Sciences,*** 2(1) (2016), 1-9. **(Peer Reviewed Journal)**

CHAPTERS IN PROCEEDINGS/BOOKS

1. **N. Chandra,** Mahesh C. Joshi, B. Joshi, N. K. Singh, *Coincidence point theorems for non-expansive type mappings and an application to dynamic programming,* Chapter 6 in: Fixed Point Theory and its Applications to Real World Problem, ***Nova Science Publishers*, Inc. (USA),** (2021). ISBN: 978-1-53619-336-7 **(Indexed in Scopus)**
2. **N. Chandra**, M. C. Arya, Mahesh C. Joshi, *Coincidence point theorems for generalized contraction in partial metric spaces,* Chapter 10 in: Recent Advances in Fixed Point Theory and Applications, ***Nova Science Publishers*, Inc. (USA),** (2017). ISBN: 978-1-53612-085-1

LIFE MEMBERSHIP

- Indian Mathematical Society
- Vijñāna Parishad of India

FACULTY DEVELOPMENT PROGRAMS/WORKSHOPS

- Completed **Orientation Programme (OP-45)** at the ***UGC-Human Resource Development Centre, Kumaun University, Nainital*** during 05-26 November, 2019.

- Completed **Instructional School for Teachers (IST) on Geometry of Complex Functions** in online mode sponsored by ***National Centre for Mathematics (A Joint Centre of TIFR & IIT Bombay)*** under ***Advanced Training in Mathematics*** organized by *Indra Gandhi National Tribal University, Amarkantak, Madhya Pradesh, India* during 14 July–08 August, 2021.
- Delivered Lectures (As Resource Person) in **National Workshop on Real Analysis** sponsored by **USERC** (Uttarakhand Science Education & Research Centre) organized by *Department of Mathematics, Soban Singh Jeena University, Almora* during 28 March-02 April, 2022.

PAPERS PRESENTED IN CONFERENCES/WEBINARS

1. Fixed Point Results and Metric Completeness, **6th International Conference of Vijnana Parishad of India on Recent Advances in Computational Mathematics and Applied Sciences** organized by *Department of Mathematics, Manav Rachna International Institute of Research & Studies, Faridabad (Haryana),* December 9-11, 2022.
2. Some Fixed Point Results om Metric Spaces, **International Conference on History of Mathematics** organized by *Center for Knowledge Systems, IIT Madras in Association with Indian Society for History of Mathematics (ISHM)*, November 25-27, 2022.
3. Fixed Points of Non-expansive Type Maps and Applications, **International e-Conference on History of Mathematics** organized by *Indian Society for History of Mathematics (ISHM)*, December 20-December 20-22, 2020.
4. The Role of Fixed Point Theory in Quantitative Sciences, **International e-Conference on Fixed Point Theory and its Applications to Real World Problems** organized by *Department of Mathematics, Government Post Graduate College Maldevta, Raipur (Dehradun) Uttarakhand, India*, June 27, 2020.
5. Some Fixed Point Results for Non-expansive Type Mappings, **National Conference on Science & Technology: Rural Development** organized by *The Indian Science Congress Association: Haridwar Chapter, Department of Chemistry & Physics, Gurukul Kangri Vishwavidhyalaya, Haridwar,* Febuary 15-16, 2020.
6. An Introduction to Some Famous Female Mathematicians, **National Seminar on Bridging the Gender Gap Through STEM** sponsored by *Uttarakhand State Council for Science & Technology (UCOST)* and organized by *UGC-HRDC, Kumaun University, Nainital in collaboration with UPSA,* November 8-9, 2019.
7. Generalization of Some Fixed Point Theorems, **National Conference on Advances in Mathematics and Its Applications** organized by *Department of Mathematics, M. B. Govt. P. G. College, Haldwani, Nainital, Uttarakhand* in association with *Uttarakhand Science Education & Research Centre(USERC), Dehradun*, March 17-18, 2018.
8. A Suzuki Type Fixed Point Theorem for Generalized Multi-valued Contraction, **2nd International Conference on Vijñāna Parishad of India on Recent Trends Computing in Mathematics, Statistics & Information Technologies** organized by *Department of Mathematical Sciences & Computer Applications, Bundelkhand University, Jhansi*, March 9-11, 2018.
9. Fixed Point Theorems for Four Mappings Under Faint Compatibility, **8th Conference of The Indian Science Congress Association: Haridwar Chapter "Reaching the Unreached Through Science and Technology"** organized by *Department of Mathematics & Computer Science, D. S. B. Campus, Kumaun University, Nainital,* October 14-15, 2017.
10. A Fixed Point Theorem for Faintly Compatible Mappings, **National Conference on History of Mathematical Sciences** sponsored by *UGC, New Delhi* and organized by *Department of Mathematics, S. G. R. R. (P. G.) College, Dehradun* in association with *Indian Society for the History of Mathematics(ISHM),* October 5-7, 2017.
11. A Suzuki Type Fixed Point Theorem for Generalized Multi-valued Contraction, **International Conference on Mathematics & Applications** organized by *Department of Mathematics, Ramjas College, University of Delhi,* April 26-28, 2017.

12. A Common Fixed Point Theorem Under the Generalized Condition, **19th Annual Conference of Vijñāna Parishad of India on Recent Advances in Mathematics & Mathematical Sciences and Their Applications & Symposium on Fixed Point Theory and Applications (Dedicated to Prof. S. L. Singh)** organized by *Department of Mathematics, Pauri campus, Pauri Garhwal,* November 10-12, 2016.
13. A Suzuki Type Theorem in Complete Metric Space, **1st National Conference on Progressive Sciences & Engineering** organized by *Institute of Technology, Gopeshwar,* October 24-25, 2016.
14. Suzuki Type Fixed Point Theorems for Commuting Mappings in Metric Spaces, **19th International Conference of International Academy of Physical Sciences & Symposium on Fixed Point Theory and Dynamical Systems** organized by *Department of Mathematics & Computer Science, D. S. B. Campus, Kumaun University, Nainital,* October 17-19, 2016.
15. Coincidence Point of Multi-valued Maps with Rational Expressions in Partial Metric Spaces, **18th International Conference of International Academy of Physical Sciences on Recent Trends in Physical Sciences** sponsored by *DST, UGC & IAPS* and organized by *Faculty of Science, University of Allahabad, Allahabad* in collaboration with *United Group of Institutions*, *Allahabad,* December 22-24, 2015.
16. Fixed Point of Single and Multi-valued Maps in Partial Metric Spaces, **National Conference on Science & Technology for Indigenous Development in India** organized by *The Indian Science Congress Association: Haridwar Chapter* and *Faculty of Engineering & Technology, Gurukula Kangri Vishwavidyalaya, Haridwar,* September 28-29, 2015.
17. Fixed Point of Various Maps in Partial Metric Spaces, **International Conference on Recent Trends in Mathematics** sponsored by *DST, UGC, CSIR, Govt. of India, IMSc. Chennai & IAPS* and organized by *Department of Mathematics, University of Allahabad, Allahabad,* July 10-12, 2015.
18. Application of Iterative Schemes in Engineering Sciences, **International Conference on Soft Computing Techniques for Engineering & Technology** organized by *School of Computing & Department of Allied Sciences, Graphic Era Hill University, Bhimtal Campus, Nainital,* August 7-8, 2014.