Rupendra Pratap Singh Hada

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Employment History

2023 – ···	▌	**Senior Research Fellow,** Indian Institute of Technology, Indore.
2024	▌	**Visiting PhD Researcher,** Western Norway Research Institute, Norway.
2019 – 2020	▌	**Assistant Professor,** Computer Science & Engineering, SD Bansal College of Science & Technology, Indore.

Education

2021 – 2024	▌	**Ph.D., Computer Science & Engineering** Indian Institute of Technology Indore, India. Advisor: Prof. Abhishek Srivastava, CGPA: 9.0 Thesis title: *Energy Preservation in Wireless Sensor Networks.*
2016 – 2019	▌	**M.E. Computer Science** SGSITS Indore. Advisor: Prof. DA Mehta, CGPA: 7.46 Thesis title: *Parallel Priority Based Scheduling on Asymmetric Multicore Processors.*
2011 – 2015	▌	**B.E. Computer Science** RGPV Bhopal. CGPA: 7.86 Project: *Advance school management system.*

Research Publications

Journal Articles

1. R. P. S. Hada, M. Jain, R. Akerkar, and A. Srivastava, "Cma-es-svr based localisation in indoor environments," *ACM Transactions on Internet Technology, **(Under Review)**,*

2. R. P. S. Hada and A. Srivastava, "A hybrid approach for localisation of sensor nodes in remote locations," *ACM Transactions on Sensor Networks*, 2025.

3. R. P. S. Hada and A. Srivastava, "Dynamic cluster head selection in wsn," *ACM Transactions on Embedded Computing Systems*, vol. 23, no. 4, 64:1–64:27, 2024.

4. R. P. S. Hada, U. Aggarwal, and A. Srivastava, "A study and analysis of a new hybrid approach for localization in wireless sensor networks," *Journal of Web Engineering*, vol. 22, no. 2, pp. 279–302, 2023.

5. R. P. S. Hada and A. Srivastava, "Priority based scheduler for asymmetric multi-core edge computing," *Journal of Web Engineering*, vol. 22, no. 6, pp. 871–888, 2023.

6. S. Chouhan and R. P. S. Hada, "A product recommendation system for solving the cold start problem," *Int J Next-Gener Comput*, vol. 12, 2021.

Conference Proceedings

1. R. P. S. Hada and A. Srivastava, "A novel priority based scheduler for asymmetric multi-core edge computing," in *International Conference on Web Engineering*, Springer, 2023, pp. 7–18.

Skills

Languages	◾	Strong reading, writing and speaking competencies in English and Hindi.
Coding	◾	C, cpp, Python, R, sql, LaTeX, …
Core Areas	◾	Machine Learning, Wireless Sensor Networks, Algorithms, Artificial Intelligence.
Misc.	◾	Academic research, teaching, training, consultation, LaTeX typesetting and publishing.

Miscellaneous Experience

Awards and Achievements

2020	◾	**Junior Research Fellowship**, University Grants Commission (Awarded only the top 1% of the applicants).
	◾	**Graduate Aptitude Test in Engineering (GATE)**, IIT Delhi.
2019	◾	**National Eligibility Test**, University Grants Commission.
	◾	**Graduate Aptitude Test in Engineering (GATE)**, IIT Madras.
2016	◾	**Graduate Aptitude Test in Engineering (GATE)**, IISc, Bangalore.
2011	◾	**National in Table Tennis**, NVS.
2010	◾	**National in Table Tennis**, NVS.

Services & Outreach

March 2024	◾	**Overall Co-ordinator**. Symposium 2.0 at IIT Indore.
2023 – · · ·	◾	**Head Co-ordinator**. CSE Events & Outreach, IIT Indore.
2013 – · · ·	◾	**Member**. Blood Donation Group (Yuvraj Club).
	◾	**Member**. NGO: Society for Entrepreneurship Integrated Development (Working for Child Health, education, and skill development in rural & Tribal areas of Madhya Pradesh).

References

Dr. Abhishek Srivastava
Professor & Dean of Faculty Affairs
Indian Institute of Technology,
Indore, India.
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Dr. Ankit Kumar Jain
Assistant Professor
Symbiosis University of Applied Sciences,
Indore, India.
✉ ankitjain31288@gmail.com

Dr. Ranveer Singh
Assistant Professor & Head of the Department
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Indore, India.
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