

Rupendra Pratap Singh Hada

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in rupendra-hada

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*, (**Minor Revision Submitted**),
- 3 R. P. S. Hada and A. Srivastava, "Dynamic cluster head selection in wsn," *ACM Transactions on Embedded Computing Systems*, 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, C++, 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

Available on Request