

## FACULTY PROFILE



**Name:** DR. RAJEEV SHARMA

**Designation:** Associate Professor

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**Google scholar id :**

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**Professional Qualification:**

- **Degree** -Ph.D (CSE)

- **Publications**

- **International Journal**

**Publications (Journals & Conferences):**

1.Narendra Kumar, Sunil Kumar, Rajeev Kumar Sharma,. "A decentralized blockchain based privacy preservation scheme for healthcare data security enhancement in cloud in Cluster Computing, Aug(2025) <https://doi.org/10.1007/s10586-025-05466-y>,Volume-28,Issue-8(Page 546) SCI, Journal Impact Factor-1.6(2024), SNIP-1.0825(2023), CiteScore-3.7,Q1(Indexed in SCI Journal).

1. **Vijaya Bhaskar Sadu, Kumar Abhishek, Rajeev Kumar Sharma, Sachi Gupta (2024)**. "Enhancement of cyber security in IoT based on ant colony optimized artificial neural adaptive Tensor flow" in Network : Computation in Neural Network at <https://doi.org/10.1080/0954898X.2024.2336058>, **Volume 36 Issue3(Page 598-614)SCI, Journal Impact Factor-1.6(2024), SNIP-1.0825(2023), CiteScore-3.7,Q2(Indexed in SCI Journal)**.
2. **Prince Gupta, Rajeev Kumar Sharma, Sachi Gupta (2024)**. "Simulators for Fog Computing and Information Processing". Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, 1-11.DOI: <https://doi.org/10.1007/s40010-024-00891-x>. **SCIE, Journal Impact Factor- 1(2023), SNIP-0.811(2023), CiteScore-2.6, (Indexed in SCI Journal)**.
3. **Prince Gupta, Rajeev Kumar Sharma, Sachi Gupta (2024)**. "Reconfigurable data intensive service for low latency cyber-physical systems and IoT communication". International Journal of Reconfigurable and Embedded Systems (IJRES)I, Vol. 13, No. 3, November 2024, pp. 491~501 ISSN: 2089-4864, DOI: <http://doi.org/10.11591/ijres.v13.i3.pp491-501>. **Journal Impact Factor- 1.16(2023), SNIP-0.374(2023), CiteScore-1.5(2023), (Indexed in Scopus Journal)**.
4. **Prince Gupta ,Dr.Rajeev Sharma,Dr Sachi Gupta (27 Sept 2021)** "Resource Management, Issues, Challenges and Future Directions in Fog Computing: A Comprehensive Survey "published Design Engineering Journal (Scopus) (<http://thedesigneengineering.com/index.php/DE/article/view/4741>)
5. **Dr.Rupak Sharma ,Dr.Rajeev Sharma, (27 July 2021)** IOT monitoring lathe machine performance published Materialstoday Proceedings, Vol. 11, 05-Special Issue, 2021 ISSN:22147853,SNIP:0.653. (Elsevier) (<https://www.sciencedirect.com/science/article/pii/S2214785321051592?via%3Dihub>)
6. **Dr.Rupak Sharma ,Dr.Rajeev Sharma, Amit Sharma (July 2019)** IOT Based Smart Agriculture in Digital India published in Jour of Adv Research in Dynamical & Control Systems, Vol. 11, 05-Special Issue, 2019 ISSN:1943-023X pp.2052-2056. (SCI index)
7. **Dr.Rajeev Sharma,Dr.Rupak Sharma**(Jan 2019) DIFFERENT SIGNAL ANALYSIS FOR A TRANSIT TRAFFIC SIGNAL published in International Journal of Engineering & Science Research ISSN:2277-2685 pp.35-37
8. **Dr Rajeev Sharma ,Dr.RupakSharma,J.P.Bhati (Nov 2017)** Impact of Cloud computing Data mining in Digitalization published in

International Journal of Applied Engineering Research ISSN 0973-4562 Volume 12, Number 22 (2017) pp. 12716-12720. (**Scopus index**)

9. **Dr. Rupak Sharma Dr Rajeev Sharma** (Dec-2017) **Confront and Issues In Cloud Computing Platforms and Applications** in International Journal of Advanced research in science and engineering Volume 6 , Issue-12 Dec 2017 (PP:1783-1792) [ISSN:2319-8354 (o)2319-8346(P)] ([www.ijarse.com](http://www.ijarse.com))
10. **Rajeev Kr. Sharma, Dr.Sohan Lal** (Oct-Dec 2013 ) A Systematic Approach to Construct a Distributed Systems (or Distributed Applications) Published in International Journal of Engineering and management Technology Volumel issue 4, No-1 pp-01-12 (ISSN:2320-7043)
11. **Rajeev Kr. Sharma, Dr.Sohan Lal** (Jan-March 2013) An Approach for Automatic Software upgrade in Dispersed(Distributed) Systems [Distributed Applications), Published in International Journal of Engineering and management Technology Volumel issue 1, No-1 pp-22-33 (ISSN:2320-7043)
12. **Dr. Rupak Sharma, Rajeev Kr. Sharma & Manoj Kumar** ( JAN-MAR 2013) Paper published on the title "A Survey Routing Protocols in MANET" in the International Journal Computer Science and Technology, Vol-4, Issue-7 of JAN-MAR2013.(details is on [www.ijcst.com](http://www.ijcst.com) )
13. **Rupak Sharma, Rajeev Kr. Sharma & Manoj Kumar** (February 2012) MANET:The essential Technology for Pervasive Computing, Published in International Journal of Research in Information Technology and Management. Volume 2, No-2 pp-1107-1118
14. **Manoj Kumar, Rajeev Kr. Sharma & Rupak Sharma** (July 2011) Software Process Essesment and Improvement Model in Software Development Life Cycle, Published in International Journal of Research in Information Technology and Management. Volume 1, No-3 pp-20-27 (ISSN:0976-8491)
15. **Rajeev Kr. Sharma, Rupak Sharma & Shailendra Raj** (Jul-Dec 2011) The Role of Automatic Dynamic Update to Improve an Operating System Availability, Published in International Journal of Information and Knowledge Management. Volume 4, No-2 pp-355-360. (ISSN:0973-4414)
16. **Rajeev Kr. Sharma, Rupak Sharma & Shailendra Raj** (Jan-Jun 2011) Confronts and Issues in M-Commerce-A Business on Mobile and

Net Approach, Published in International Journal of Information and Knowledge Management. Volume 4, No-1 pp-51-55. (ISSN:0973-4414)

17. **Rajeev Kr. Sharma, Rupak Sharma & Shailendra Raj** (Jan-Jun 2011) Dynamically Updating the Message Passing in Distributed Systems, Published in International Journal of Computer Science and Communication. Volume 2, No-1 pp-137-142 (ISSN:0973-7391)

### **International Conferences**

1. **Prince Gupta, Rajeev Sharma, Sachi Gupta** (2025, July). Analysis of Task Scheduling Algorithms in Fog Computing Environment". In *2025 International Conference on Communication, Security and Artificial Intelligence (ICCSAI)*. IEEE, U.P. Section. <https://doi.org/10.1109/ICCSAI64074.2025.11064137>, (**Scopus Indexed- IEEE Conference**).
2. **Prince Gupta, Rajeev Sharma, Sachi Gupta** (2022, February). "A review on task offloading mechanism for iot edge fog cloud data interplay". In *2022 IEEE Delhi Section Conference (DELCON)* (pp. 1-10). DOI: <https://doi.org/10.1109/DELCON54057.2022.9753215>, (**Scopus Indexed- IEEE Conference**).
3. **Prince Gupta, Rajeev Sharma, Rakesh Kumar Yadav** (2024, July). "A Comparative Analysis of Fog Computing's Problems, Challenges and Future Directions". In *2024 International Conference on Recent Trends in Computing (ICRTC)* (pp. 99-109). Springer, Singapore. DOI: [https://doi.org/10.1007/978-981-97-1724-8\\_10](https://doi.org/10.1007/978-981-97-1724-8_10), (**Scopus Indexed- Springer Conference**).
4. Presented a paper on the topic **A Comparative analysis of fog computing problems challenges and future directions** in ICRTC 2023 (Springer) at SRM IST Modinagar.
5. Presented a paper on the topic **A Review on Task Offloading Mechanism for IoT Edge Fog Cloud Data Interplay** in IEEE Delhi Section Conference (DELCON) in 2022.
6. Presented a paper on the topic **"Big Data and Hadoop-the prospect and Relevance"** in IEEE 2<sup>nd</sup> international conference in Green computing and IOT in Bangalore Karnataka I 16-18 Aug 2018
7. Presented a paper on the topic **Confront and Issues In Cloud Computing Platforms and Applications** in 10<sup>th</sup> international conference in Recent development in engineering science Humanities and Management held on 24<sup>th</sup> Dec 2017 ICCSSR punjab university campus Chandigarh. (ISBN:978-93-86171-89-71)
8. Presented a paper on the topic **"Distributed & Dynamic Data mining"** in a International Conference conducted by PCTE (Punjab College of Technical Education), Ludhiana, Punjab.

9. Presented a paper on the topic "**Jini Services in reliable B2B Transaction**". in a International Conference conducted by Gurukul Kangari University Haridwar.
10. Presented a paper on the topic "**Remote Method Invocation using Jini**" in 5<sup>th</sup> international conference on Downtrend Challenges in IT organized by PCTE (Punjab College of Technical Education), Ludhiana, Punjab.
11. Presented a paper on the topic "**Jini As-self Load Balancing technique**". in international Conference on emerging technologies conducted by V.R.S.Engineering college Viayawada.
12. Presented a paper on the topic "**Confronts and Issues in M-commerce**". in second international Conference conducted by MAIMT Jagadhri Haryana.

### National Conferences

1. Presented a paper on the topic "**Cloud computing datamining in digital india** " in NSEEDI-2015 at Patel Group of Institutions Bhopal (M.P) 29<sup>th</sup> sept 2015
  2. Presented a paper on the topic "**Jinni-platform for Dynamic Remote Applications**" in a National Conference conducted by IME(Institute of management Education Sahibabad Ghaziabad )
  3. Presented a paper on the topic "**New trends in System Security**" in a National Conference conducted by IMR(Institute of management Research) Ghaziabad
  4. Presented a paper on the topic "**Secure Database through object oriented DataMining**". in a national Conference conducted by Desh Bhagat Group of Institutions Mandi GB punjab.
  5. Presented a paper on the topic "**Advanced nanotechnology As Ethical Management**". in a national Conference conducted by IMR Ghaziabad.
  6. Attended a Seminar on Enterprise Resource Planning at Institute of management and Research Ghaziabad
  7. Presented a paper on the topic "**Data Stream Management Systems with Sequence Databases.**" in a national Conference on CFTCSE at AITM Palwal
- Presented a paper on the topic "**Routing Security system in wireless Ad hoc networks**". in national seminar conducted at IMR Ghaziabad.

### Book Publication

- Author of the book title "**Cloud Computing**" published by Alpha International publication Chennai with ISBN 978-93-5762-465-7.
- Co-Author of the book title "**Wireless Applications & Protocol**" published by RIP publications New Delhi with ISBN: 978-93-87388-08-6.

#### Patent Registered

1. **Title of Invention: Machine learning based device for enhancing computer network safety** (Design Patent) (Granted on 18/04/2024) Application Number: 406285-001  
CBR Date: 01/02/2024 .
2. **Title of Invention: IOT Based Eye Flue detection device**(Design Patent) (Granted on 18/10/2023) Application Number: 392085-001  
CBR Date: 07/08/2023 .
3. **Title of Invention: IOT enabled monitoring of academic activities in institutions as per national education policy**  
Application Number: 202311062391  
Date of Filing: 16/09/2023  
Date of Publication: 13/10/2023
4. **Title of Invention: Embedded IOT based inlet and outlet flue gas monitoring system for carbonator units of cement plant.**  
Application Number: 202321010542  
Date of Filing: 16/02/2023,  
Date of Publication: 17/03/2023.
5. **Title of Invention: IOT based solar assistant automatic smart chullah**  
Application Number: 202311022214  
Date of Filing: 27/03/2023,  
Date of Publication: 19/05/2023.
6. **Title of Invention: Student study management system.**  
Application Number: 202011056005  
Date of Filing: 23/12/2020,  
Date of Publication: 01/01/2021.

#### Awards and Achievements-NA

**Workshops/Seminars/FDP : 15**

#### Work Experience:

*Associate Professor, Department of Computer Application, SRMIST NCR Campus Modinagar, (2008-till date).*

#### Professional Memberships: 02

- Computer Society of India, IEEE,IJEMT