Dr Rewa Sharma

B.Tech.(IT), M.Tech. (CE), Ph.D.(CE)

Assistant Professor

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PERSONAL DETAILS

Name	:	Dr Rewa Sharma
Date of Birth	:	February 10, 1988
Permanent Address	:	H.No. 14, Kundan Colony, Ballabgarh, Faridabad
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PROFESSIONAL QUALIFICATIONS

i) **Ph.D.** in Computer Science from Banasthali University Rajasthan in October 2016

ii) **M.Tech.** in Computer Science from Banasthali University, Rajasthan in June 2011.

iii) **B.Tech.** in Information Technology from The Technological Institute of Textile and Sciences(MDU),Bhiwani in June 2009

EXPERIENCE

13 Years of Teaching & Research experience in the field of Wireless Networks, Mobile Adhoc Networks.

i) Presently working as Assistant Professor (from 28.09.2018) in the Department of Computer Engineering, J. C. Bose University of Science and Technology, YMCA, Faridabad.

ii) Worked as Assistant Professor from July 2014 to September 2018 in Ansal University, Gurugram.

iii) Worked as Assistant Professor from September 2010 to June 2014 in Ansal Institute of Technology (IP University), Gurugram.

THRUST AREAS

❑ Information Security
❑ Mobile Adhoc Networks

STUDENTS GUIDED

    i)   **M. Tech.**   :Lata Singh(Completed), Vandana Sharma (Completed)

    ii)   **Ph.D.** (Computer Engineering): Aayushi Bansal(In progress), Rajesh Kumar(In progress), Karuna Kaushik(In progress)

PUBLICATIONS:

Total Number of Publications	:	**17**

a)	Research Papers in International Journals	:	5
b)	Research Papers in National Journals	:	-
c)	Research papers in International conferences	:	9
d)	Research papers in National conferences	:	3

LIST OF PUBLICATIONS

Rajesh Kumar, Rewa Sharma, **Leveraging Blockchain for Ensuring Trust in IoT: A Survey**, Journal of King Saud University - Computer and Information Sciences,2021,ISSN1319-1578, https://doi.org/10.1016/j.jksuci.2021.09.004. **September 2021**, **[SCIE INDEXED JOURNAL; IF: 8.839]**

Aayushi Bansal, Rewa Sharma, Mamta Kathuria, "**A Systematic Review on Data Scarcity Problem in Deep Learning: Solution and Applications**", Published in ACM Computing Surveys. **January 2022 [SCIE INDEXED JOURNAL; IF:14.324]**

BOOKS AND BOOK CHAPTERS

Edited Books:

Book Titled: Machine Learning and Blockchain-Challenges, Future Trends and Sustainable Technologies (Bentham Books- In Progress)

Book Chapters

1. Keshav Kaushik, Susheela Dahiya, Rewa Sharma, "**Internet of Things Advancements in Healthcare**", **August 2021**,DOI: 10.1201/9781003140443-2,In book: Internet of Things(BOOK CHAPTER) eBook ISBN 9781003140443, CRC Press

2. Shweta Sharma, Suraj Tiwari, Shahid Alam, Rewa Sharma, "**A Comprehensive Study on Diabetes Detection Using Various Machine Learning Algorithms**" In Book:Advanced Computational Paradigms and

Hybrid Intelligent Computing. Advances in Intelligent Systems and Computing (AISC, volume1373), ebook ISBN 978-981-16-4369-9, Springer, **December 2021**

3. Keshav Kaushik, Susheela Dahiya, Rewa Sharma, "**Role of Blockchain Technology in Digital Forensics**", **February 2022**, DOI: 10.1201/9781003138082-14 , In book: Blockchain Technology(BOOK CHAPTER), eBook ISBN 9781003138082, Pages: 235-246, CRC Press

4. Rewa Sharma, Keshav Kaushik, "**A Cost-Effective IoT-Assisted Framework for Automatic Irrigation**" In Book: Recent Trends in Communication and Intelligent Systems. Algorithms for Intelligent Systems. **May 2022**. Springer, ebook ISBN: 978-981-19-1324-2, https://doi.org/10.1007/978-981-19-1324-2_8

5. Rajesh Kumar, Rewa Sharma, **"Managing Trust in IoT Using Permissioned Blockchain"** In Book: Internet of Things and Cyber Physical Systems, December 2022, CRC Press, eBook ISBN9781003283003