Brief Biodata

Name: Dr. Deepak Sharma

Designation:	Senior Scientist
DP No. and Name:	6.01 Time & Frequency Metrology
DU No. and Name:	6.0 Indian Standard Time
Email:	deepak.sharma@nplindia.org
Date of Joining CSIR-NPL:	02.03.2022
Phone *(office)*	011- 45609241

Research Area/ Interest

Time & Frequency Transfer, Computer Algorithms, Cyber Physical Systems, Artificial Intelligence

Educational Qualifications

Degree	Subject	University/ Institute	Year
PhD	Engineering Sciences	Academy of Scientific and Innovative Research (AcSIR)	2019
M.Tech	Electronics & Communication Engineering	Malaviya National Institute of Technology (MNIT), Jaipur	2005
B.E.	Electronics & Communication Engineering	IET, Dr. B R Ambedkar University, Agra	2002

Academic / Research Experience

Grade / Post	Institute	Duration		Research Field
		From	**To**	
Senior Scientist	CSIR- National Physical Laboratory, Delhi	Mar, 2022	Till date	Time & Frequency Transfer, Computer Algorithms, AI
Senior Scientist	CSIR-Central Scientific Instruments Organisation (CSIR-CSIO), Chandigarh/Delhi	Apr, 2017	Feb, 2022	Cyber Physical Systems (IoT), Computational Instrumentation, AI, Wireless Sensor Networks

| Scientist | CSIR-Central Scientific Instruments Organisation (CSIR-CSIO), Chandigarh | Apr, 2012 | Apr, 2017 | Cyber Physical Systems (IoT), Computational Instrumentation, AI, Wireless Sensor Networks |
| IT Analyst / ASE | Tata Consultancy Services (TCS), Delhi | Nov, 2005 | Apr, 2012 | Telecom Base station / Mobile station simulators for multiple Radio Access Technologies |

No. of Publications

No. of Publications in SCI Journals	No. of Publications in non-SCI Journals	No. of Publications in Conference Proceedings	Book Chapters	Total
05	01	12	02	20

Current Activities

Associated with Time and Frequency Metrology division. Involved in network based time dissemination

Honour(s)/Award(s)/ Fellowship(s)

- Received Gold Medal for securing First rank in M. Tech (ECE)-2005 from Malaviya National Institute of Technology (MNIT), Jaipur
- Received MHRD/GATE Scholarship during 2003-2005 while pursuing M.Tech
- Received many awards for Scientific contributions, e.g., Best paper Award, Best Oral Presentation Award, Best Poster Presentation

Contributions to AcSIR

Serving as Assistant Professor in Engineering Sciences

Membership of Professional Societies/ Institutions

- Fellow of IETE (India)
- Senior Member of IEEE, IEEE Communication Society and IEEE Computer Society
- Member, Metrology Society of India

Any other Information

- Guided many students for their dissertation/research/project work
- Served as Reviewer for many reputed International Journals
- Served as Reviewer for project proposal under CSIR Extra mural research funding scheme
- Involvement in International conferences as Member of advisory committee, Session Co-

chair, Technical Program Committee (TPC) member and/or reviewer

- Delivered many invited-talks/expert-lectures/motivational-talks in reputed institutes/events on various topics, e.g., Internet of Things, Wireless Sensors Networks, Wireless & Mobile Communication, Recommender Systems(AI), IT & Innovation
- Worked as visiting faculty at Indo- Swiss Training Centre at CSIR-CSIO, Chandigarh. Worked as visiting faculty at TCS Initial Learning Program(ILP) Centre, Trivandrum
- Mentored students for national level challenges, e.g., Mentored a Team of young students in Smart India Hackathon-Hardware edition-2018. The team won First Prize with award money of One Lakh Indian Rupees