


Brief Biodata

Name: Divya Singh Yadav

Designation:	Scientist	
DP No. and Name:	D#6.01, Time and Frequency Metrology	
DU No. and Name:	D#6, Indian Standard Time	
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Date of Joining CSIR-NPL:	14-10-2020	
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Research Area/ Interest

- Network Time Dissemination
- Network Time Protocol Servers
- Indian Standard Time display
- Time Transfer Methods
- Microwave Imaging Techniques
- Antenna Design

Educational Qualifications

(Please write latest qualification first)

Degree	Subject	University/ Institute	Year
M.Tech.	RF Microwave and Photonics	Indian Institute of Technology, Kanpur	2016
B.E.	Electronics and Communications Engineering	Lakshmi Narain College of Technology, Bhopal	2013

Academic / Research Experience

Grade / Post	Institute	Duration		Research Field
		From	To	
Scientist	CSIR – NPL, New Delhi	14-10-2020	Present	Network Time Dissemination Methods, NTP services, and Analysing the NTP servers over the network and its cyber security aspects, Requirement of Precise time synchronization for smart grids

No. of Publications

No. of Publications in SCI Journals	No. of Publications in non-SCI Journals	No. of Publications in Conference Proceedings	Books	Total
Nil	Nil	01	Nil	01

Selected Publications

[1.] Yadav, Divya Singh, Ashish Agarwal, R. C. Jha, and Abhilash Dwivedi. "Indian Standard Time Synchronization Via NTP Server Over Different Networks." In Recent Advances in Metrology, pp. 183-192. Springer, Singapore, 2023.

Patents

Nil

Current Activities

(Not more than 100 words)

1. Associated with nationwide time dissemination via NTP servers, maintenance, and operation.
 - a) Evaluating the NTP servers over various network configurations and hierarchies.
 - b) Understanding the cyber security aspects of NTP servers

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

1. The Best Paper Award has been received in the "7th National Conference on Advances in Metrology" AdMet – 2021, for the paper entitled, "Indian Standard Time synchronization via NTP server over different networks".

Contributions to AcSIR

Membership of Professional Societies/ Institutions

1. Life member of the Metrology Society of India (MSI)
2. Member of the International Electrotechnical Commission

Any other Information

(Not more than 100 words)

1. Represented Indian Standard Time Division and CSIR – NPL to the wide audience during "CSIR – Young scientist Conclave Meet with DG and Directors"
2. Completed Online Training programme on "ISO/IEC 17025:2017 – General Requirement for the competence of Testing and Calibration Laboratories" on February 8th – 11th, 2021
3. Completed the National e-Workshop on Innovation and Intellectual Property Rights (NeWIPR-2021).
4. Gate Qualified in 2013, 2014, 2017, 2018.