

## Profile of Prof. Preeta Sharan

A post doctorate from IIT Kharagpur and Ph. D. from IIT BHU Varanasi and currently a competent professor with 26+ years of experience in Education, Research, Student Mentorship, association with international universities and organizations. Her area of research includes Optical Sensors, Optical Network and Quantum Dots etc. Responsible for Teaching & Research: B. Tech / M. Tech. Guide Ph. D. students and execute government/ international agency funded projects. She has the ability to understand and shape budding idea and lead people, evangelize and energize to realize the vision. She is a self-starter with strong entrepreneurial spirit, built R&D center with team size 15+ from scratch.

She has delivered projects for prestigious funding agencies across the world as lead investigator like AICTE, Naval Research Board, DRDO, India, IEEE USA and Govt. of Karnataka (KVGST). With multiple patents in process, research publications reaching 130+, sanctioned projects form IEEE & ICMR. R&D center is growing under my leadership. She has visited many countries for giving technical talk as a key note speaker / paper presented in conferences in Thailand, Malaysia, UAE, Singapore, Japan, Ireland and Macau.

Few Important achievements:

- Dr. Sharan is one of the 75 Women in STEAM (science, technology, engineering and mathematics) to be featured in the second edition of She Is, Red Dot Foundation in partnership with the Office of the Principal Scientific Adviser, Government of India, 2022.
- Women of the year award from ABI USA
- EEE R10 Humanitarian Challenge Award from Asia Pacific in 2012 and 2013 for developing the project for smart devices for the mankind.
- Got young achiever award for the knowledge category from KKS Karnataka.
- 8 patents with one jointly with ICMR, Govt. of India.
- Received best Project of the year award from KSCST govt. of Karnataka in 2017.
- Got 1st rank award from IEEE IMAC SIGHT from Hyderabad Humanitarian project.
- Got recognition from IEEE Photonic Society for Light Excellent Excellence Award for the year 2018.