

KANIK PALODHI

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Summary

- Assistant Professor in Dept. of Applied Optics and Photonics, University of Calcutta with 14 years of experience in the field of sensors and optical instrumentation
- PhD on three dimensional (3D) imaging and interferometric technique in *Loughborough University, UK* and *National Physical Laboratory (NPL), UK*, funded by Engineering and Physical Sciences Research Council (EPSRC) and NPL
- Former “Scientist/Engineer” in *Indian Space Research Organization (ISRO)*, Trivandrum, India

Specialties

Optical instrumentation, sensors, image and signal processing, metrology and non-destructive testing, interferometry, optical coherence tomography, MATLAB

Work Experiences

07/16 – till date	Assistant Professor in Dept. of Applied Optics and Photonics, University of Calcutta
12/15 – 06/16	Technical Officer in University Science Instrumentation Centre (USIC), Burdwan University
07/13 – 12/15	Assistant Professor in St. Thomas College of Engineering and Technology (STCET), Kolkata
06/09 – 07/14	PhD in Optical Engineering Research Group, Loughborough University, UK and NPL, UK jointly funded by EPSRC and NPL, UK
12/12 – 05/13	Research Engineer in Manufacturing Technology Centre, Coventry, UK
10/04 – 04/09	Scientist/Engineer in Indian Space Research Organization (ISRO)

Academic Qualification

06/09 – date	PhD in “Polarizing effect in optical profilometry”, Wolfson School of Mechanical and Manufacturing Engineering, Loughborough University, UK
11/03 – 11/05	M.Tech in Applied Physics (specialization: Optics and Optoelectronics), First Class, Department of Applied Physics, University of Calcutta, India
09/2K – 07/03	B.Tech in Applied Physics (specialization: Optics and Optoelectronics), First Class, Department of Applied Physics, University of Calcutta, India
08/97 – 08/2K	B.Sc in Physics Honours , First Class, St. Xavier’s College, University of Calcutta, India

Awards

1. Awarded EPSRC and NPL sponsored PhD in Loughborough University, UK
2. National Scholarship in B.Sc Physics Hons., University of Calcutta