

DR ABANTI NAG



DOCTORAL EDUCATION

2005	PhD in Materials Science, Indian Institute of Science, Bangalore, India
Title	Charge-transfer associated photoluminescence of rare-earth doped oxide phosphor

POSITIONS HELD SINCE PHD, INCLUDING POST-DOCTORAL FELLOWSHIPS

2005-2006	Post-doctoral Fellow, University of Munich, Germany
2007-2009	Post-doctoral Fellow, Indian Institute of Science, Bangalore, India
2010-2012	Quick-Hire Scientist, CSIR – National Aerospace Laboratories, Bangalore, India
2012-2016	Senior Scientist, CSIR – National Aerospace Laboratories, Bangalore, India
2016-2021	Principal Scientist, CSIR – National Aerospace Laboratories, Bangalore, India
2021-	Senior Principal Scientist, CSIR – National Aerospace Laboratories, Bangalore, India

AWARDS, FELLOWSHIPS, RECOGNITIONS

1999	AIR 22 at GATE (Graduate Aptitude Test in Engineering) – Chemical Sciences
1999	National Fellowship for doctoral studies from Council of Scientific and Industrial Research (CSIR), New Delhi, Govt. of India
2005	Prof. K. P. Abraham Medal for best thesis in the area of Materials Chemistry from Indian Institute of Science, Bangalore, India
2007	Prof. D. S. Kothari Post-doctoral Fellowship, University Grant Commission, India
2012	Fast Track Young Scientist Grant, Science and Engineering Research Board, India

AREAS OF RESEARCH EXPERTISE

- Advanced Functional Ceramics
- High entropy perovskite thermoelectric materials
- Nanocomposite ferrite radar absorbing materials
- Non-oxide ceramics

SPECIALIZATION

Materials Science / Chemistry / Materials Engineering

MANUSCRIPT PUBLISHED

Refer to Google Scholar (<https://scholar.google.co.in/citations?user=J9zZ-FAAAAAAJ&hl=en>)