

**Name:** Dr. Shashi Prabha  
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**Qualification:** Ph.D.(Physics),M.Sc.;M.Ed.;B.Ed.  
**Area of Specialization:** Physics, Science Education  
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Dr. Shashi Prabha is Professor of Physics and Head, Planning and Research Division in the Central Institute of Educational Technology (CIET), National Council of Educational Research and Training (NCERT), New Delhi. She joined NCERT on March 18<sup>th</sup> 2002 after serving in Kendriya Vidyalaya for twelve years and eight months. She has seventeen years of teaching experience at various stages - Secondary, Higher Secondary level and at B.Sc., and B.Ed.

#### Work Experience

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|---|-----------|---|------------|
| ● Planning and Research Division CIET, NCERT  | 18.3.2021 | - | Present    |
| ● Media Production Division, CIET, NCERT  | 18.6.2020 | - | 17.03.2021 |
| ● Division of Educational Kits & Department of Education in Science and Mathematics, NIE, NCERT                   | 29.8.2019 | - | 17.6.2020  |
| ● Department of Education in Science and Mathematics, NIE, NCERT, New Delhi                                       | 1.8.2006  | - | 28.8.2019  |
| ● Regional Institute of Education (NCERT), Ajmer  | 18.3.2002 | - | 31.7. 2006 |
| ● K V, NCHC, Bhandup, Mumbai; KV, Colaba No.1, Mumbai; KV Masimpur, Silchar; KV, Srikona, Silchar and KV, Silchar | 25.7.1989 | - | 17.3 2002  |

Prof Prabha has co-authored 36 books/documents and 20 training modules on Physics and Science Education at NCERT. She has also co-authored and coordinated the Textbook for Two Years B. Ed. students - *Pedagogy of Science: Physical Science Part I and Part II* (English and Hindi versions); *Q & A Science and Mathematics in NCF-2005* (English and Hindi versions) *Laboratory Manual in Physics Class XI and Class XII* (English and Hindi versions). Her involvement extends to the development of 28 other books/documents (NCERT), where she has contributed as a member of the Editorial/Review/Hindi translator Team. Furthermore, she has contributed to the development of other 18 teaching-learning materials.

Prof Prabha has published 25 papers in the areas of Physics and Science Education in various National and International Journals. She is on the editorial board of several Journals. She has also been involved in 16 research projects and presented 25 papers at various National and International Conferences. She has participated in many conferences, panel discussions, and workshops and has the privilege to Chair a session in various National and International conferences. She has worked as a Resource Person in more than 128 Capacity Building Programmes at the national, regional, and state levels for in-service teachers of Science / Physics at the Upper Primary, Secondary, and Higher Secondary Stages.

She has been National Coordinator of State Level Science, Mathematics and Environment Exhibition for Children from 2007 to 2010 and organized many workshops and training programmes at the national level. She has been on the committees for review of rationalization of the syllabus for science and Physics (NCERT) and review and analysis of suggestions received for draft National Policy of Education 2020.

Prof Prabha has been a member of several Curriculum Development Committees for the Science Teacher Education programmes at graduate and post-graduate levels. She served as a nominated member (MHRD) of the International Review Panel for TESS-INDIA in 2014-15. Additionally, she is a PhET trusted translator for the Hindi language. Prof Prabha has evaluated and examined ten Ph.D. theses on Science Education.

She has also presented LIVE programmes on SWAYAMPRAKASH and developed many Audio-Video materials in Physics. She is a Team Member of the *Alternative Academic Calendar* at the Secondary Stage. She is also one of the National Resource Group Members (NRG), NISHTHA. Currently, she is involved with PM eVIDYA Programme and development of Augmented Reality, Working Paper in Science and NISHTHA at Secondary Stage. Notably, Prof Shashi Prabha has made significant contributions to the Continuous Professional Development (CPD) of Physics Teachers teaching Class XI and Class XII. Serving as the Member-Coordinator for the development team of 58 self-learning modules for the DIKSHA portal, her recent endeavors exemplify her expertise as a distinguished science educator.

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