

About the authors



P.K. Bajpai is a Professor of Physics having more than 36 years of teaching experience with 20 years as full-fledged Professor. He is an internationally acclaimed material scientist having wide ranging research experience. He did his Ph.D. from NEHU, Shillong and was CSIR, RA in NEHU and PDF in IIT Kanpur. He started his carrier as Lecturer in the Institute of Self Organizing systems & Biophysics, NEHU, Shillong from Aug. 1988. Currently, he is Vice-Chancellor, Jai Prakash University, Chapra, Bihar. He has served as Head, Department of Pure & Applied Physics (23+ years), Dean, School of Physical Sciences, School of Sciences and School of Law (11+ years) Director, Internal Quality Assurance Cell, Director, Research & Development and Convener, NEP-2020 implementation Task Force at Guru Ghasidas Vishwavidyalaya, Bilaspur (A NAAC A++ accredited Central University). He established a 3 MV Pelletron Accelerator based “National Centre of Accelerator Based Research”, Institute of Technology and developed Department of Pure & Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur as a national centre of excellence in the field of Physics and material Science by bringing state of the art research facilities through FIST (03 times), SAP , UGC and DAE-BRNS Mega project. Professor Bajpai has published 315 research papers in international/national journals/ international proceedings of high impact. He has authored 09 books including 02 edited books. He has been executive Editor of Chhattisgarh J. Sci. & Tech., Regional editor of important international Journals and on the editorial Board of several journals of repute, reviewer of more than 03 dozen international journals from Elsevier, Wiley, IoP, etc. He is a Fellow of International Academy of Physical Sc., Prayagraj, New York Academy of Sciences and life member of several professional associations including Indian Society of Particle Accelerators, Material Research Society, Indian Laser Society, Indian Science Congress, Indian Association of Physics Teachers, etc. He has produced 17 Ph.Ds, 32 M.Phils, 02 M.Tech, 01 ME by Research and more than 250 PG dissertations under his guidance. He has been NAAC

peer team members from last one decade, member of the selection committees in several organizations, expert members in various Universities statutory committees. He has visited almost a dozen of countries including USA, China, Japan, Italy, Myanmar, Thailand, etc. He has successfully completed 17 major research project and several departmental projects including FIST, SAP, TEC etc. He is a very good orator delivering more than 150 inviting lectures, keynotes in international/national conferences in India and abroad.