

Dr. Anand Kumar Pandey has completed his Ph.D. from Indian Institute of Technology, BHU, Varanasi. His leading research area deals with treatment of neurodegenerative diseases including cerebral ischemia, Parkinson's disease, Alzheimer's disease and Brain Cancer. His past research experience has gained him expertise in disease specific animal modelling, microbial and animal cell culture, and bioinformatics. Recent works deal with in-silico investigation of inhibitors for leading disease targets, and enzymes having significance in bioremediation and waste valorisation by Molecular Docking and Molecular dynamic simulation studies. Dr. Pandey is an active member of reputed research associations namely

1. IAN (Indian Academy of Neurosciences)
2. ISRS (Indian society of Remote Sensing)
3. SBBS (Society for Bioinformatics & Biological Sciences)
4. AFSTI (Association of Food Scientists & Technologists INDIA)
5. ICA (Indian Crystallographic Association)
6. AMI (Association of Microbiologists of India)

He has authored more than 35 publications in peer reviewed international journals and national journals and 14 book chapters and edited 1 book (CRC Press Taylor and Francis). His Research Gate score is 22.95 and h-index 8. He is an active reviewer in many international peer reviewed journals including Informatics in medicine unlocked, Brain Research, Neuroscience, Medical Hypothesis and Metagene of Elsevier, Food measurement and characterization and Network Modelling Analysis in Health Informatics and Bioinformatics of Springer, British Journal of Cancer (Nature), Journal of Biomolecular Structure and Dynamics (Taylor and Francis), and Anti-Cancer Agents in Medicinal Chemistry, Current Drug Delivery and Recent Patents on Anti-Cancer Drug Discovery of Bentham Science.

He has successfully completed 10 workshops (including CECAM workshop on MD simulation and QM/MM simulation tools gaining 2 European credits), 3 Refresher courses, 1 Capability Building Program, 1 Quality Improvement Program, 1 Faculty Improvement Program, 2 Faculty Development Program, 5 agMOOCs courses, 3 NPTEL courses (including Eight weeks course on "Cell Culture Technologies with rank among Top 5%), 2 online courses, and a one month Faculty Development and Orientation Program conducted by Bharati Vidyapeeth's Institute of Computer Applications and Management with A+ grade. He has also attended and presented papers in 20 national and international conferences. He had been an active member of organising committee of 2 national conferences, 1 national seminar and 1 faculty development program during his tenure at Bundelkhand University (Oct 2013-present). He deals with major subject areas of Animal tissue and cell culture, Immunology, Biochemistry and Bioinformatics.