

Prof. Usha Bajpai

Prof Usha Bajpai holds B Sc, M Sc Physics with specialization in Modern Electronics and Ph D degree in Physics from the University of Lucknow, Lucknow, India. She has a distinction of being awarded scholarship/fellowship throughout her educational career.

Her areas of specializations are Solar Thermal Systems, Solar Photovoltaic Systems, Wind Energy Conversion Systems, Bio-energy Systems, Mini and Micro Hydel Systems, Energy Conservation, Climate Change and NMR Spectroscopy. After her education, she joined the Usmanu Danfodiyo University, Sokoto, Nigeria as a Faculty Member and also participated as an Associate Member at the Sokoto Energy Research Centre of the same University. She also acted as the Head of the Department for some times during 1977-90 period. Prof Bajpai returned to India in 1990 after serving for 13 years in Nigeria and joined the Department of Physics, University of Lucknow as a CSIR Pool Officer. She was appointed as a Faculty Member in Physics in University of Lucknow in 1991 and promoted to Professor in 2007. Under her supervision 08 research scholars have been awarded Ph D and 02 students are working as SRF/Research Scholar. She established Renewable Energy Research Laboratory in the Department of Physics soon after joining the Department. She was the Coordinator of Renewable Energy in the Centre of Excellence in Renewable Energy Education and Research of the University of Lucknow. She started M Sc Programme in Renewable Energy in 2007-08. The University Grants Commission (UGC) had sanctioned a new programme called B Voc Renewable Energy Technology from the academic session 2015-16 and the University had appointed Prof Bajpai as the Director of B Voc Renewable Energy Technology Programme. After her superannuation in June 2017, the University authorities have again given her the responsibilities of Honorary Coordinator, Renewable Energy at the Centre of Excellence in Renewable Energy Education and Research, University of Lucknow.