



Dr. Ram Chandra joined as Faculty in this Centre in August 2018. Prior to joining as Faculty at IIT Delhi, he was associated with this Centre as DBT's - Energy Bioscience Overseas Fellow (3.5 Y). He also served as Assistant Professor of Renewable Energy from 2008-2012 at the College of Agricultural Engineering and Post-Harvest Technology, Central Agricultural University, Gangtok, Sikkim, where he taught renewable energy related courses to UG and PG students and did researches and extension activities. He is having experience of more than nine years in the area of sustainable bio-energy production utilizing biomass resources.

Dr. Ram Chandra is PhD in Energy from biomass resources from Indian Institute of Technology Delhi in January 2010. He did his Master of Technology in Farm Machinery & Power Engineering (Agricultural Engineering) in July 2003, and Bachelor of Technology in Agricultural Engineering in 2001 from G. B. Pant University of Agriculture & Technology Pantnagar, Uttarakhand, India. Dr. Ram Chandra also did his Post-Doctoral research from Nagoya University, Japan in area of agricultural biomass pretreatment for efficient production of biomethane to provide sustainable fuel and fertilizer.

Dr. Chandra have published 42 publications (as on August 2018) in various national, international, conference proceedings and feature articles. Dr. Ram Chandra's key areas of research and interest are; Sustainable energy and environment; Appropriate management of biomass resource for sustainable energy and bio-fertilizer production; GHG emissions and climate change understanding and managements for abatement; Efficient biogas production from agricultural biomass resources; Sustainable rural energy systems; Biogas purification (Bio-CNG production), storage and utilization for thermal, power generation, and vehicular applications; Agricultural engineering; Agricultural machines and power.