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National Coordinator: Unnat Bharat Abhiyan (UBA, MHRD, GOI), Scientific Utilisation through Research Augmentation (SUTRA, MoST,GOI) & Biogas Development & Training Centre (BDTC, MNRE)

Prof. Vijay is actively engaged in cutting-edge research in rural energy technologies for developing rural communities and has made a great contribution to the academia, industry and society through research and education. He is working for a sustainable energy supply from locally available resources in villages. Prof. Vijay's work on biogas technology, particularly biogas Upgradation is well recognized at global level. He is also the national coordinator of two major national programmes of the Govt. of India, Unnat Bharat Abhiyan (UBA), that aims to utilize knowledge institutions of the country to help villages in their development and Scientific Utilisation through Research Augmentation (SUTRA) – Prime products from Indigenous Cow (Panchgavya) of ministry of science technology which will help in reinstating the cow based rural economy supported by critical scientific validation and research.

He has about above 150 publications in journals and conferences, 7 books and one lab manual to his credit. Prof. Vijay has successfully developed and patented Biogas Enrichment and bottling for Vehicular Application and transferred it to the industries and field. He is fellow life Member of various scientific and professional societies/ bodies. He is also Indian coordinator of Sustainable Energy and Environment Forum (SEE Forum) working in Asia with head quarter in Japan and General Secretary of Biogas Forum (India). Prof. Vijay has received Prakriti Bharati National Award in 2005 for S&T Application for developing biogas enrichment and bottling technology for rural sector and many more. He also headed CRDT, IIT Delhi from July 2015 to Sept 2019.

Areas of Interest

- Rural Energy Systems
- Green/Bio Energy Systems and applications for rural areas
- Biogas Production, Upgradation and Valorisation
- Panchgavya and its Products
- Sustainable Rural Industrialisation
- Animal Power
- Rural Energy Planning and management