



Dr. Bibhuti Bhusan Sahu

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Dr. Bibhuti Bhusan Sahu received his master's degree in Physics from Utkal University, India in 1999, and completed his Ph.D. at IIT Delhi in 2008 on Experimental and Theoretical Investigation on Helicon Wave Plasmas in Conducting Waveguide.

After his doctoral work, he worked in an academic position at Dronacharya College of Engineering (DCE), India before moving to South Korea for his postdoctoral study.

In October 2012, he joined in KSTAR tokamak facility at the National Fusion Research Institute (NFRI) Korea and worked in the area of the RF Heating and Current Drive as a senior postdoctoral researcher.

Then, he joined the group of Prof. Jeon Geon Han at Center for Advanced Plasma Surface Technology (CAPST) at Sungkyunkwan University (SKKU) South Korea for work relevant to the physics of plasma sources and plasma applications in material processing and nanotechnology.

Later, he moved to the group of Prof. Masaru Hori at Nagoya University, Japan, and he worked as a Designated Professor at the Center for Low-Temperature Plasma Sciences, Graduate School of Engineering.

In November 2020, he joined the Department of Energy Science and Engineering, IIT Delhi as an Associate Professor.

His area of research includes plasma sources, plasma diagnostics, and plasma applications in thin film deposition and etching.