

Did PhD (PK), Post doc (Argentina), during PhD study design and developed HV plasma ionization (negative ion) system of ions and free electrons by tailoring the electrode shape and geometry to establish Cloud Charge Nuclei (CCN) in upper atmosphere for weather modification. Established efficient negative ion generation system.

Published 38 research papers in international journals and supervise more than 100 Phil and PhD research students from different universities of Pakistan. Developed number of scientific research instruments. Served as member of departmental committees, like projects evaluation, recruitment and waste management. Remained focal person of PEC.

Organized 200 conferences, seminar and workshop.