

CERTIFICATE PROGRAMME IN COMPETENCY IN POWER DISTRIBUTION (FOR ELECTRICAL TECHNICIANS)

Gold Medal for Innovation in Open and Distance Learning for year 2010 was conferred to Dr. Rakhi Sharma in the 21st Convocation of the University for his Innovation in Certificate in Competency in Power Distribution for Electrical Technicians under IGNOU-Ministry of Power (MoP) Project. A brief about this Innovation and the Innovator is given below.

ABOUT THE INNOVATION

This unique and innovative programme was planned and developed by Dr. Rakhi Sharma in collaboration with Ministry of Power in most unique way, with maximum use of present available resources and best technology available. This programme aims at addressing the grass root problem of proper training of technicians, simultaneously it also helps in reducing huge transmission and distribution losses, minimizing casualties among technicians while working on power lines. Aligned to generate employment/entrepreneurship it's a new successful experiment done in ODL system through convergence and conversion of subsystem. This programme has been developed and implemented for competency based skill and knowledge development for technicians, which is providing better Industrial-Educational linkage while collaborating with professional bodies.

Some of the Innovative Learning and Programme Delivery Solution are :

- collaboration with potential programme study centres for effective implementation, seriousness in conduction of technical lab practical/skill development training/technical theory sessions and Learner Support, and
- this programme we have involved Electrical power industries and their power training institutes are identified as IGNOU's programme study centres (PSC), This facilitate learning (i) By conduction of theory and practical sessions at same work place.

Customized study material (for theory and practical manual/work book) with well designed structured, coloured simplified format with lots of illustrations. The programme also include Tele-counselling, interactive radio counselling, pictures and multimedia enabled Computer Based Tutorials (CBT), etc. showing virtual working of machines, etc.

ABOUT THE INNOVATOR



Presently, Dr. Rakhi Sharma is Director, School of Engineering and Technology (SOET), IGNOU, New Delhi and Associate Professor of Electrical Engineering discipline. Dr. Rakhi Sharma holds doctoral degree, PhD from Indian Institute of Technology (IIT), Delhi, India and Post Graduation, Master of Technology (M. Tech.) with Distinction from Maulana Azad National Institute of Technology (MANIT), Bhopal.

She has been associated with designing and development of different distance learning technical Programme/Courses as Coordinator. At present, she is Project and Programme Coordinator for the Development of Distant E-learning Solar Energy Application Programmes which are being developed in association with International Solar Alliance (ISA).

She has been awarded University Gold Medal in 2014 for the best Research Paper award at New Delhi.