



POORNIMA

COLLEGE OF ENGINEERING

A report on

“Six Days ISTE Workshop on Introduction to Design of Algorithms”

At PCE (Remote Center 1107) from 25th May to 30th May 2015

A Six Day ISTE workshop on Introduction to Design of Algorithms was inaugurated on 25th May 2015 at Poornima College of Engineering, Jaipur. In the inaugural function Dr. Om Prakash Sharma, Director, PCE; Dr. Ajay Khunteta Remote Center Coordinator, Mr. Shirish Nagar, HOD-IT, and workshop coordinator, Mr. Amol Saxena, HOD-CS, along with faculties of various Engineering colleges were present.

While addressing the faculties Dr. Om Prakash Sharma informed that during one week from 25th May to 30th May 2015, the course content of the workshop will provide training to participants on teaching pedagogy to make extensive use of technology, and will cover teaching of the following topics in the area of Design of Algorithms:

Elements of Algorithm Design, Elements of Algorithm Analysis, Basic Design Methods, Data Structuring, Searching and Sorting, Basic Graph Algorithms, Matrix and String problems, Combinatorial Optimization, NP-Completeness, Approximation, Randomization etc.

In the Inaugural session, brief over view of the subject / contents was elaborated and discussed among all participants by Dr. Om Prakash Sharma. He added that workshop is aimed at enhancing the teaching skills of faculty and colleagues in core Engineering. The lecture transmission and live interaction takes place through distance mode using the A-VIEW technology on the Internet to various coordinating remote centers across the country. Brief history of ICT MHRD programs conducted at Remote Center of Poornima College of Engineering (1107) was elaborated by Dr. Ajay Khunteta, Remote Center Coordinator and Professor, CS Dept., PCE.

Poornima College of Engineering, Jaipur has been operating as remote center for IIT BOMBAY since May, 2012 and organizing various activities as directed by IIT BOMBAY.

The faculties involved in the teaching are **Prof. Partha Pratim Chakraborty, Director-IIT Kharagpur, Prof., Partha Pratim Das, Prof. Pallab Dasgupta** from Department of Computer Science and Engineering, **IIT Kharagpur and Project Coordinator, Prof. Deepak B. Phatak**, Department of Computer Science and Engineering, IIT Bombay etc.

Over forty five (45) faculty & staff members from various Engineering Colleges and Universities of Rajasthan have registered themselves as participants. Mr. Shirish Nagar, HOD-IT, and workshop coordinator proposed a vote of thanks to all present.

