

NWESD-2012

National Workshop

on

Energy Storage / Conversion Devices using Ion Conducting Polymer Electrolytes (NWESD-2012)

December 10-12, 2012



A three day National Workshop on Energy Storage/Conversion Devices Using Ion Conducting Polymer Electrolytes (NWESD-2012) was organized during 10-12 December 2012 by the Department of Physics, Jaypee University of Engineering and Technology, Guna, M.P. The workshop was inaugurated by Prof Awalendra Thakur, IIT Kharagpur and Mr. Amit Raje, MD Aartech Solonics, Bhopal. Welcome address was given by convener of the workshop, Dr. S.K. Tripathi. Our worthy and Hon'ble Vice Chancellor Prof. N.J. Rao has given a motivational speech to encourage the participants who came across the country.

The national workshop on “energy storage/conversion devices using ion conducting polymer electrolytes” provides a platform for the young researchers working in the field of super-ionic solids about the different aspects and techniques related to the fabrication and characterization of energy storage, energy conversion and electrochemical devices focusing especially on batteries, supercapacitors, fuel cells, solar cells and sensors. The lectures were focused on the fundamental concepts and technological aspects of the electrode materials as well as on the ion conducting polymer electrolyte materials for its application in different electrochemical devices. Further the methods of device fabrication, the parameters associated with the devices and the instruments required for its characterization was covered in order to give exposures to the budding researchers in the field of solid state ionics.

A total of 34 participants from various universities such as University of Delhi, NIT Rourkela, GNDU, Punjab, Jabalpur University, JUET, Guna etc have actively participated in the workshop.

Prof. S.A. Hashmi, University of Delhi, Prof Awalendra Thakur, IIT Kharagpur, Mr. Amit Raje, Aartech Solonics, Prof. N.J. Rao, Dr. S.K. Tripathi and Dr. S.M. Bobade from JUET, Guna are the resource persons of the workshop which gives the mind storming lectures covering all the topics of the workshop.

Management JUET, Guna has given a full hearted support to make the workshop a grand success. The faculty and research scholars of Department of Physics support in every possible way they can do.

Dr. S.K. Tripathi
Department of Physics
Organising Secretary

