

A Two Day Faculty Development Programme on “ADVANCES IN COMPOSITES AND NANO MATERIALS-PROCESSING AND APPLICATIONS”

05th – 06th December, 2014

(Under TEQIP-II)

Department of Mechanical Engineering organised a Two Day FDP on **“ADVANCES IN COMPOSITES AND NANO MATERIALS-PROCESSING AND APPLICATIONS”**. It was inaugurated by the Chief Guest Dr. A. Kumar, Associate Professor, Department of Mechanical Engineering, NIT Warangal on 05.12.2014 at 9.30 AM. A total of 24 external participants and 38 internal participants registered for the program.



Dignitaries on the dais during Inaugural Session



In the morning session on 05.12.2014, Dr. A.Kumar, Associate Professor, NIT Warangal, delivered a keynote address on "Introduction to Composites and nanomaterials".



The next session was handled by, Dr. A. Gopala Krishna, Professor, JNTUK, Kakinada. He delivered a lecture on "Development and characterization of Nano metal matrix". Many applications have been shared during his lecture.

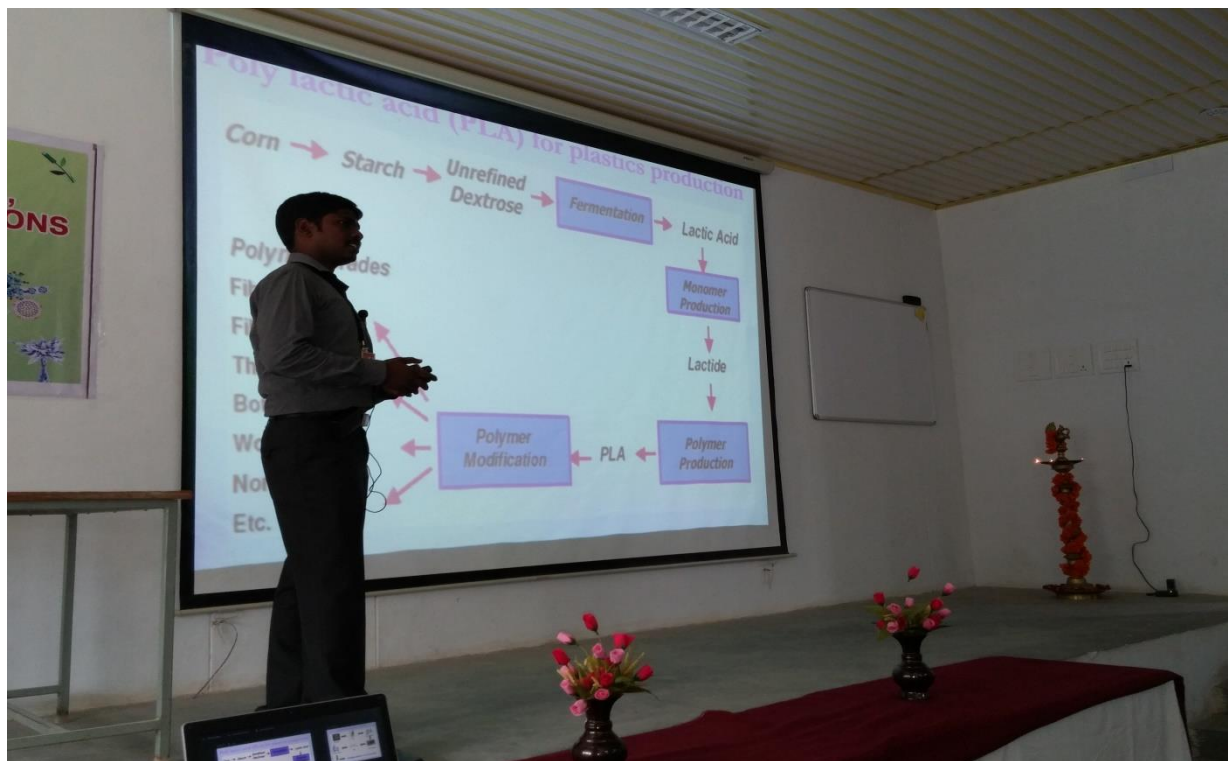


In the afternoon session on 05.12.2014, Dr. A.Kumar, Associate Professor, NIT Warangal, delivered a lecture on "Fabrication of composites and its characterization using friction stir welding".



On 06-12-2014, Dr. G.L. Samuel, Associate Professor, IIT Madras, had taken the session on "Micro mechanics of composites and micro manufacturing".

of composites”, and he interacted with the participants and provided insightful help in doing research in the area of Composites.



Dr D. Jeevan Prasad Reddy had delivered a lecture on “Recent advances in Bio Composites and Bio Nano composites” in the last technical session.

Valedictory Session



Participants were presented certificates by the Chief Guest

In the valedictory session Dr.G.L.Samuel gave away participation certificates for all the participants.

**A Report on Two-day Faculty Development
Programme on “Recent Trends in Shot Peening
and its Applications”**

19th -20th December 2014

(Under TEQIP-II)

Two Day Faculty Development Programme on “**RECENT TRENDS IN SHOTPEENING AND ITS APPLICATIONS**” was inaugurated by the Chief Guest **Er.A.Talukdar, Director of Surfiz Cleanz, Mumbai**. A keynote speech was delivered by the Chief Guest on “Basics of Shot Peening Operations”. A total of 17 external participants and 36 internal participants were registered for the program.

In the afternoon session on 19-12-2014, **Dr.N.Ramanaiah**, Professor, Department of Mechanical Engineering, Andhra University delivered a lecture on “Fatigue and its evaluation in various Engineering applications”.

The next session on 19-12-2014 was handled by **Er.A.Talukdar, Director of Surfiz Cleanz, Mumbai** on “Various applications of Shotpeening in industry”.

On second day of the program, **Dr. B.K.C.Ganesh**, Professor, Department of Mechanical Engineering, SVEC delivered a talk on “Shotpeening applications for improvement of Mechanical and wear behavior of various ferrous and non ferrous materials”. During the second session a talk on “XRD techniques in Engineering applications and residual stress measurement” was delivered by **Dr.N.V.Ravikumar, Head of XRD Laboratory, IIT Madras**.

In the afternoon session on 20-12-2014, **Dr.R.Gnana Moorthy**, Director, IIIT D & M Kancheepuram, delivered a lecture on “Laser peening applications and challenges on Surface Engineering”. The Session was concluded with a Valedictory function followed by certificate distribution.



Er. A.Talukdar, Director of Surfiz Cleanz, Mumbai inaugurating the programme



Dr.N.Ramanaiah, Professor, Department of Mechanical Engineering. College of Engineering, Andhra University delivering a Lecture



Dr. B.K.C.Ganesh, Professor, Department of Mechanical Engineering, SVEC
delivering a lecture



Dr.N.V.Ravikumar, Head of XRD Laboratory, IIT Madras explaining the
importance of Shotpeening



Dr.R.GnanaMoorthy, Director, IIIT D &M Kancheepuram clarifying the doubt expressed by the participants



Valedictory Session