

**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