



**A REPORT ON**

**ONE DAY TRAINING PROGRAM ON**

**“UNIVERSAL TESTING MACHINES FOR TECHNICAL TEXTILES”**

CONDUCTED BY  
**PSGTECHS COE INDUTECH**  
IN ASSOCIATION WITH  
**OFFICE OF THE TEXTILE COMMISSIONER**  
MINISTRY OF TEXTILES GOVT. OF INDIA

**PSG COLLEGE OF TECHNOLOGY, COIMBATORE**

**May 31, 2013**

PSGTECHS COE INDUTECH

**ONE DAY TRAINING PROGRAM  
ON  
UNIVERSAL TESTING MACHINES FOR TECHNICAL TEXTILES**

**Date:** 31st May 2013

**Venue:** PSGTECHS COE INDUTECH, Neelambur.

**Program Schedule:**

Welcome address	: Mr. R.G.Shekar, Centre Head, COE-Indutech
Introduction of PSGTECHS	: Mr. S. Kuppusamy V.P,PSG Foundry Division
About COE-Indutech	: Mr. R.G.Shekar, Centre Head, COE-Indutech
Universal Testing Machines	: Mr. V. Shivakumar, Regional Business Manager, M/s. Zwick Roell India P ltd, Bangalore
Demonstration and Testing	: Mr. V. Muthukumar, Project Engineer, COE-Indutech
Vote of thanks	: Mr. R. Jayaprakash, Project Engineer, COE-Indutech

**About the Program:**

1. Mr. R.G.Shekar welcomed all the participants for enthusiastically participating in the Training program. Explained briefly about the program details, its purpose and the target benefits for the participants.
2. Mr. S. Kuppusamy Vice president explained about the activities at PSG Trust and its contributions towards the social and economic development.
3. Mr. R.G.Shekar briefed about role and responsibility of PSGTECHS COE INDUTECH and the facilities offered by COE Indutech such as Incubation facility, new product development, testing facility and manufacturing facility.
4. Mr. R.G.Shekar also explained the scope for the industries to utilize the services offered by COE Indutech and the schemes under Technology Mission on Technical Textiles, Ministry of Textiles, Govt. of India for product promotion. Manufacturing.
5. Mr. V. Shivakumar explained about the Zwick Roell machines, purpose, technologies used and application for the machines in various fields like Belting, Composites, Geotech, Aero Space, Medical textiles.
6. Mr. V. Shivakumar also explained about the product standardization using this machines with various standards like ASTM, DIN, ISO and BIS

7. Mr. V. Shivakumar briefed about use of these machines in areas like product life cycle determination in endurance testing.
8. Mr.V.Muthukumar, Project Engineer, demonstrated the Zwick Roell testing machines in the afternoon session.
9. Mr.V.Muthukumar, shown various samples and the test methods used for testing the samples.
10. Mr.V.Muthukumar, have shown the live testing of samples in 10kN and 100kN with tensile, compression, CBR puncture test at Universal testing machine.
11. All the participants had the opportunity for one to one interaction with the speakers.
12. Mr. R. Jayaprakash thanked the speakers for spending their valuable time for the program and also thanked all the participants for attending the program.

**List of Members participated**

S.No	Name	Company	Designation
1	N.Muthukumar	Elgi ultra Industries Ltd	Q.C Officer
2	T.B.Vigneshwaran	Elgi ultra Industries Ltd	Q.C Officer
3	S.S.Baskar	Prathishta Weaving& Knitting company Ltd	Factory Manager
4	B.Chandrasekar	Prathishta Weaving& Knitting company Ltd	Factory Manager
5	Vikas Kumar Mishra	Sulochana cotton spinning mills	Quality Sr. chemist
6	Sunil Agnihotri	Sulochana cotton spinning mills	Manager
7	V.K.Manoharan	BKS Textiles (p)Ltd	Manager-Coating
8	V.Madhavan	BKS Textiles (p)Ltd	Manager-Quality &Technical
9	Dr.P.S. Sampath	K.S.Rangasamy college of Technology	Professor
10	V.Thanabal	Bannari Amman Institute of Technology	Asst. Professor Sr.Gr
11	R.Vijayasekar	Bannari Amman Institute of Technology	Asst. Professor
12	B.Munusamy	Thiagarajar polytechnic college	Lecturer
13	V.Amsaveni	Avinashilingam University	Research Associate
14	S.Aishwariya	Avinashilingam University	Senior Research Fellow-DST

**Over all feedback received from the participants was good**





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**Programme organized by**

1. Mr.R.G.Shekar. Center Head
2. Mr.V.Muthukumar, Project Engineer
3. Mr.R.Jayaprakash, Project Engineer
4. Mr.G.Selvakumar, Assistant Professor (Research)
5. Mr.S.Vishak, Assistant Professor (Research)

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