



The Management and Technical Development Programmes pioneered by Western India Corrugated Box Mfrs. Association (WICMA) in 1991 received encouraging response both from the industry and others connected with corrugated packaging industry. WICMA R & D Centre has been offering various educational courses, since then.

The "Certificate Course in Corrugated Packaging", organised by WICMA R&D Centre, has been well received by manufacturers, consumers and others connected with the corrugated packaging industry. So far, 32 such Certificate Courses have been conducted. Over 721 participants have been benefited by these educational courses.

Besides conducting educational courses WICMA R&D Centre takes up R&D projects and conducts regular testing of corrugated boards and boxes extending the advantages of scientific testing and certification both for manufacturers and users of corrugated packaging.

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**Western India Corrugated Box  
Manufacturers' Association**



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MANAGEMENT &  
TECHNICAL  
DEVELOPMENT  
PROGRAMMES

**FC. A. 5**

## Certificate Course in Corrugated Packaging- Automatic Process



Organised by:

R&D Centre  
Western India Corrugated Box  
Manufacturers' Association

Supported by:

**TAPPI**  
Technical Association of  
Pulp and Paper Industry, USA



Federation of  
Corrugated Box  
Manufacturers of India

**22nd April to 26th April 2013**  
**Venue: Hotel Kohinoor Continental,**  
**Mumbai - India**

## Industry Overview

The demand for high performance corrugated boxes matching international standards has created the need for high quality Kraft paper and modernizing of the manufacturing operations. The corrugated packaging industry in India has witnessed the setting up of an increasing number of automatic board making plants in the recent years. This signals the impending transformation of the industry and the future trends. Compared to operations on semi automatic machines, manufacture of corrugated boards and boxes on automatic plants calls for a totally different understanding of the raw material requirements, quality parameters as well as manufacturing operations. Other aspects like scheduling, planning, wastage, energy etc. also play an important role.

## Course Perspective

The Certificate Course in Corrugated Packaging - Automatic Process aims to cover the entire gamut of these aspects, to enable the participants to understand and appreciate the factors involved in the efficient and profitable running of an automatic plant.

## Faculty

During 5 days, presentations will be made by renowned experts with experience in the field. Target is to invite around 50% of the faculty from abroad.

## Venue

### Hotel Kohinoor Continental

J. B. Nagar, Andheri Kurla Road, Andheri (E), Mumbai - 400 059 India  
Tel.: +91 22 6691 9000 OR +91 22 2820 9999.  
Email: bqt@hotelkohinoorcontinental.com

## Distance from Venue

International Airport: 2 to 3 Km; Domestic Airport: 4 to 5 Kms

## Who will benefit

The owners, production supervisors, plant managers, quality assurance, production planning & purchase managers and engineers of the Automatic Corrugated Board / Box manufacturing plants, suppliers of Kraft paper, adhesive, ink, printing plate, cutting die, stitching wire etc. This course will also benefit customers looking for international standard corrugated boxes, especially for export market.

Besides, the course will benefit those presently running semi automatic plants and contemplating to enlarge and modernize their operations.

## Course Fee

### Course Fee Per Participant:

	FCBM / WICMA/TAPPI Members	Others
1. Full Course	25,000	30,000
<b>Group Discount:</b> (available for multiple registrations from same organization)		
2nd Registration	1,000	1,000
3rd Registration	1,500	1,500
4th Registration	2,000	2,000

Service Tax @ 12.36% (or as applicable) additional for all above.

## Recognition

The students attending the Full Course shall be awarded Performance Certificates. The performance will be evaluated through tests, surprise test / tests, group discussions and oral presentations.

## Education Awards

Two outstanding students attending the Full Course shall be eligible for **Mansukhbhai Seth - WICMA Education Award and Shri G. B. Chamaria - WICMA Education Award, respectively.**

Two best speakers (other than WICMA Committee Members) will also be eligible for awards.

## Accommodation

List of recommended hotels and tariff is shown on the Registration Form overleaf.

**Weather & Dress Code** Mumbai weather during April is expected to be about 32 - 35°C and 60 - 65% Rh. Informal dress code for both day and evening programmes.

## Course Co-ordinators

Mr. Y. M. Rao : +919820071052  
Mr. Martin Dias : +9198925 60154

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# Course Curriculum

## 22nd April 2013 MONDAY (10.00 - 17.30 hrs.)

10.00 - 11.00	Orientation for new entrants. Optional for others. <b>Mr. Pankaj Shah, Chairman, WICMA Centre</b>
<b>11.00 - 11.30</b>	<b>Registration and Tea/Coffee</b>
<b>11.30 - 12.00</b>	<b>Inauguration</b>
12.00 - 13.00	Single facer - concept, technology & operating procedures <b>Mr. Dietmar Jambor, Managing Director, BHS Corrugated India Pvt. Ltd., Pune, India</b>
<b>13.00 - 14.00</b>	<b>Lunch</b>
14.00 - 15.00	Steam system, Boiler & Fuel types <b>Mr. Markand Trivedi, Mark Engineering Services, Ahmedabad, India</b>
15.00 - 15.45	Glue Machine & Dry End <b>Mr. Dietmar Jambor, Managing Director, BHS Corrugated India Pvt. Ltd., Pune, India</b>
<b>15.45 - 16.15</b>	<b>Tea / Coffee</b>
16.15 - 17.00	Adhesives for making corrugated boards ***
17.00 - 17.30	Splicers - concept, operating principles & benefits <b>Mr. Dietmar Jambor, Managing Director, BHS Corrugated India Pvt. Ltd., Pune, India</b>

## 23rd April 2013 TUESDAY (10.00-17.30 hrs.)

10.00 - 10.45	Corrugated Rolls - Types & Selection Criteria <b>Mr. Johannes Ong, Friese GmbH &amp; Co, Mupperg, Germany</b>
<b>10.45 - 11.15</b>	<b>Tea / Coffee</b>
11.15 - 12.00	New Concept for Efficient Heat Transfer - Air Bond <b>Mr. Andrew Jarrett, Sales Manager, JKSP Services Limited, England</b>
12.00 - 13.00	Kraft Liner and Fluting Medium ***
<b>13.00 - 14.00</b>	<b>Lunch</b>
14.00 - 14.45	Energy Audit - Practical tips to save money <b>Mr. Satish Agrawal, Certified Energy Consultant, Mumbai, India</b>
14.45 - 15.30	Systems Controls ***
<b>15.30 - 16.00</b>	<b>Tea / Coffee</b>
16.00 - 17.30	Selection of kraft paper for optimum box performance <b>Mr. Ramkumar, Vice Chairman, WICMA R &amp; D Center, Pune</b>

## 24th April 2013 WEDNESDAY (10.00-17.30 hrs.)

10.00 - 11.00	Relevant Quality Parameters & their significance <b>Mr. Pankaj Shah, Chairman, WICMA Centre</b>
<b>11.00 - 11.30</b>	<b>Tea / Coffee</b>
11.30 - 12.15	Practical tips to control plant waste <b>Mr. K. R. Ramaprasad, General Manager, The South India Paper Mills Limited, Mysore</b>
12.15 - 13.00	Production Management Systems <b>Mr. Vinay Grover, Kiviplan, Australia</b>
<b>13.00 - 14.00</b>	<b>Lunch</b>
14.00 - 14.45	Keep your web on track <b>Mr. Ralf Schomaker, Erhardt + Leimer group, UK</b>
14.45 - 15.30	Next generation adhesives for corrugated packaging. <b>Mr. Martin Georgeson, Technical Manager, Rouquette UK.</b>
<b>15.30 - 16.00</b>	<b>Tea/Coffee</b>
16.00 - 17.00	Written Test
17.00 - 17.30	Group Discussions and Conclusion

## 25th April 2013 THURSDAY (10.00-17.30 hrs.)

10.00 - 11.00	Flexo Printer Slotters and Trend towards multi colour printing. <b>Mr. Ang Gee Leong, Area Sales Manager, MARTIN, Malaysia</b>
<b>11.00 - 11.30</b>	<b>Tea / Coffee</b>
11.30 - 12.15	Role of Printing Inks and developments <b>Mr. Kumar Deshpande, Dolphin Inks (P) Ltd. Nashik, India</b>
12.30 - 13.30	Role of Printing Plates <b>Mr. Mahesh Kode, Sales Manager, South Asia E.I.DuPont India Pvt Ltd</b>
<b>13.00 - 14.00</b>	<b>Lunch</b>
14.00 - 14.45	Role of Anilox Rolls <b>Mr. Sanjiv Lathia, Aash Corporation, Mumbai, India</b>
14.45 - 15.30	Printing Defects and Remedies <b>Mr. Kumar Deshpande, Dolphin Inks (P) Ltd. Nashik, India</b>
<b>15.30 - 16.00</b>	<b>Tea / Coffee</b>
16.00 - 17.00	Die Cutters - Concepts, Technology & Operating Procedures <b>Mr. Ang Gee Leong, Area Sales Manager, MARTIN, Malaysia</b>
17.00 - 17.30	Group Discussions

## 26th April 2013 FRIDAY (10.00-17.30 hrs.)

10.00 - 10.45	Handling Corrugated Boxes - Why some boxes fail ? <b>Mr. Arup Sengupta, Bangalore</b>
10.45 - 11.15	Flat Top Dot technology in Printing Plates <b>Mr. Mahesh Kode, Sales Manager, South Asia E.I.DuPont India Pvt. Ltd.</b>
<b>11.15 - 11.45</b>	<b>Tea / Coffee</b>
11.45 - 12.30	Innovative Printing Solutions for Corrugated Boxes <b>Mr. Gilbert Heyraud, Sales Director, Bobst Group</b>
<b>12.30 - 13.30</b>	<b>Lunch</b>
13.30 - 14.30	Case Makers - Concept, Technology & Operating Procedures <b>Mr. Chiran Sastry, EMBA</b>
14.30 - 15.30	Written Test
<b>15.30 - 16.00</b>	<b>Tea / Coffee</b>
16.00 - 16.30	Gluing & Quality Assurance Systems <b>Mr. Kishore Butani, Robotech</b>
16.30 - 17.30	Group Discussions & Conclusions

\*\*\* confirmation awaited

**Registration is limited to 40. Spot Registration subject to availability**

