

TechnoBiz Training Program

TYRE TECHNOLOGY

12-14 February 2018, Bengaluru



Venue: RG Royal Hotel

www.rubber-industry.org

Rubber Industry Department @ TechnoBiz is organizing a specialized training course on "Tyre Technology" which is covering on basic principles to practical issues of tyre manufacturing technology. This course is suitable for persons who are both less-experienced as well as well-experienced professionals involved with tyre industry. This course covers overview of tires, raw materials, tire building processes, testing and design, inner-liner technology, bladder technology; reclaim technology and troubleshooting of common problems in tire manufacturing. The course instructors are Dr. Samir Majumdar and Mr. Vasudeva Rao, who are well-experienced with tyre manufacturing.

Free Book "Tyre Technology"
For All Delegates
Author: Dr. Samir Majumdar

Course Outline

- Tyre Industry Overview
- Development of Tyres
- Raw Materials for Tyre Manufacturing
- Mixing Technology
- Extrusion: Dual Heads, Side Wall Extrusion
- Calendaring Process & Nylon/PE Fabric Dipping Process
- Bead Wire Coating, Winding and Bead Preparation
- Bias Cutting of Fabric / Body Ply Cutting for Radial Tyres
- Tyre Building Process
- Green Tyre Preparation
- Inner-Liner Technology for Tubeless Tyres
- Tyre Curing Process
- Tyre Inspection & Testing
- Tyre Inflation Pressure
- Tyre Traction
- Tyre Retreading Process
- Tyre Reclaim Technology
- Tyre Industry Regulations

TechnoBiz Experts – Dr. Samir Majumdar & Mr. S. Vasudeva Rao

Dr. Samir Majumdar:

PROFESSIONAL: Total 38 Yrs. of Experience; 16 yrs in Tire/Tube factory: JK Tire, Ace Tire, Kyoto Japan Tire (Xintai, Beijing), worked as compounding head, Tire Engg. Head and R&D Head.; 11 yrs in ExxonMobil Company, Head of Technical Services in Asia Pacific, R&D Head of Asia Pacific.; 7yrs. in Carbon Black manufacturing as Head R&D and Technical Services, Continental Carbon India, Eureka Chemicals Limited.; 4 yrs in rubber consultancy and training and in-house training. He has visited and worked with at least 250 tyre and rubber companies in Southeast Asia. More than 450 Technical publications in National and International Journals. Currently working as Technical consultant in India and Abroad. **EDUCATION:** M.Sc. (Gold Medalist.), Rubber & Plastic Technology, IIT Kharagpur, India ; Ph.D in Polymer Engg., IIT Kharagpur, India, PRI , Rubber (UK), Management from AIIMA, Delhi.

Mr. S. Vasudeva Rao:

PROFESSIONAL: Total 37 Years of Experience, Vikrant Tyres – 18 Years and JK Tyres – 19 Years. Worked in various technical positions in tyre manufacturing; Active member of India Rubber Institute and Contributed development of "Rubber Processing" for PGD-IRI Students; Currently Rubber Industry Consultant. **EDUCATION:** Diploma In Rubber Technology – 1979; LPRI from Plastic & Rubber Institute : Institute of Materials, London, U K, 1983; Served as Lead auditor in J K Tyres for the audit of Raw Material Vendors for more than 25 yrs.

Registration Fee

Indian Delegates: 25,000 Rs/Person

Overseas Delegates: 850 US\$/Person

Remarks:

- 18% GST applies on above registration fees
- 5% Discount for group of 3 or more than 3 delegates from the same organization.
- Registration fee includes documents, lunch and refreshments as appropriate.



There will be assessment tests at the end of the program. Successful candidates in the assessment tests will receive "Certificate of Merit" with recognition as specialization in the compression molding of rubber.

To register, please download registration form at www.rubber-industry.org and send an email. Invoice will be issued after receiving registration form.

Venue: RG Royal Hotel & Convention Centre
No 19, Behind Ravindu Toyota, Near ISKCON Temple, Mahalakshmi Layout, Yeshwanthpur, Bengaluru, Karnataka 560086, India

Event Manager



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Event Organizer

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