

**EXECUTIVE**  
**DIPLOMA**  
**360°**

A TechnoBiz Program

**RUBBER**  
**INDUSTRY**  
Technology & Management

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**This Executive Diploma Program  
is focusing and addressing on**

**“Non-Tyre Rubber Products” Business only**

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*Upcoming  
Schedules*  
*(2 Batches/Year)*

*Batch 1*

**1 Jun - 31 Aug 2022**

*(Registration Deadline: 15 April 2022)*

*Batch 2*

**1 Sept - 30 Nov 2022**

*(Registration Deadline: 15 July 2022)*

# EXECUTIVE DIPLOMA 360°

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## 360° Approach

3-Month **Online Program** focusing on

- Science & Technology
- Products Manufacturing
- Design & Development
- Manufacturing Operations
- Engineering
- Regulations & Standards
- Best Practices
- Management

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## **PROGRAM FORMAT**

- Expert Lectures
- Weekly Assessment Test
- Project/Case Study Work
- Brainstorming Sessions
- Group Presentations

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## RESOURCE PERSONS

- KnowHow Webinar Experts
- Experts from Technology Suppliers
- Business Owners/CEOs

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Well-Experienced and Knowledgeable Experts as “Resource Persons”

# PROGRAM CONTENT

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**Science & Technology:** Rubber Raw Materials Rubber Chemicals & Additives, Rubber Physics & Chemistry, Rubber Mixing and Compounding, Extrusion, Calendaring, Molding, Adhesion, Rubber Testing & Rheology, Rubber Recycling & Reclaim

**Rubber Parts Manufacturing:** Automotive Rubber Parts, O-Rings & Seals, Hoses, Conveyor Belts, Transmission Belts, Footwear, Rubber Rollers, Construction & Industrial Rubber Products, Electrical Insulation, Rubber to Metal Bonded Products, Sponge Rubber etc.



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**Design & Development:** Formulation Design, Product Design, Reverse Engineering, Mold Design, Prototyping, Finite Element Analysis (FEA), Failure Analysis, Research, Interpretation & Analysis of Test Results, Life Prediction of Rubber Products,

**Manufacturing Operation:** Process Control & Optimization, Process Problems & Troubleshooting, Process Automation, Artificial Intelligence,

**Engineering:** Molds, Machinery & Equipment Handling, Preventive Maintenance, Laboratory Equipment Calibration

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**Regulations & Standards:** Environmental, REACH, Quality, Safety, ISO / ASTM

**Best Practices:** Product Cost Optimization, Zero Defect, Energy Management, Raw Material Handling, Improving Overall Productivity, Waste Minimization & Recycling, Do's & Don'ts

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**Management:** Sourcing of Raw Materials, Raw Materials Prices Variation, Machinery/Equipment Procurement, 5S, Storage Room Management, Material OEM Approval Process, Product Validation, Talent Management & Leadership, Innovation & Research Management, Total Quality Management, Outsourcing Compounds & Product Development, Cost Estimation & Assessment, ERP, Data Protection & Management, Sales & Marketing, Company / Product Branding, Insurance, Finance Management, EHS Management (Environment, Health & Safety), Crisis Management, Industry 4.0, Circular Economy

Participants can choose three time zones that is convenient to them to participate in this Diploma Program.

- Thailand
- Central Europe
- USA Eastern

- 2-3 Years Experience in Rubber Industry
- Degree/Diploma Holders
- 25+ Years Old

### Basic Facilities Needed

- Computer Notebook with Audio/Video
- High-Speed and Stable Internet

Step 1: Pre-Assessment (Online)

Step 2: Personal Interview (Online)

Successful candidates of both Step 1 and Step 2 are allowed to participate in this diploma program.

# Who benefits?

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- Participants, who completes this program will be equipped with all necessary professional and upto date skills in terms of technology as well as management to excel in their career as well as success of the company they work for.
- This program is also suitable for family business owners and their family members related to rubber industry
- Suitable for SME rubber industries to learn about best practices (both technology and management) to improve productivity and overall financial benefits.

# Who benefits?

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- Both technical and non-technical people from the rubber industries can join this program.
- This program is also suitable for technical service team/sales & marketing team of rubber technology suppliers such as natural and synthetic rubber, rubber chemical, rubber machinery and testing equipment.
- Investors/Entrepreneurs who want to establish rubber products manufacturing facility will also benefit from this program. But they must have some basic knowledge in rubber processing.



# Fee Structure

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- Application Fee: 100 US\$
- Diploma Registration Fee: 3,500 US\$

**Registration Link:** <https://webinars.technobiz.org/event-form-20731/>

Contact  
Person

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