

KnowHow  
**WEBINARS**  
MasterClass

**TechnoBiz Program**

**Online Short Training Course  
for Professional Skill Development**



[www.knowhow-webinars.com](http://www.knowhow-webinars.com)

**MasterClass (9-Days)**

# **Rubber Compounding for Non-Tyre Products**



## **Upcoming Schedules**

- 13-23 September 2021
- 8-18 November 2021



## Speakers



**9 Experts**  
*with **315+** Years'*  
**Combined Experience**  
*in Rubber Processing*



## Speakers



**E. Palaninathan**



**Kalyan Das**



**Dr. MN Aji**

## Speakers



**P. Roy Choudhury**



**Dr. P. Thavamani**



**Priyabrata Ghosh**



## Speakers



**R. Lakshminarayanan**



**Dr. Samar  
Bandyopadhyay**



**UK Prasad**

***32 Modules***  
(40+ Training Hours)





*Recorded Presentation*

## *Day 1*



*Module 1*

# **Introduction to Non-Tyre Products Industry**

*Speaker: Dr. Samar Bandyopadhyay*

*(70 minutes)*

*Recorded Presentation*

## *Day 1*



*Module 2*

# **General Purpose Rubbers**

*Speaker: Dr. Samar Bandyopadhyay*

*(75 minutes)*

*Recorded Presentation*

## *Day 1*



*Module 3*

# **Special Purpose Rubbers – Part 1** **(EPDM, NBR, CR, CPE, CSM, ACM, AEM)**

*Speaker: Dr. P. Thavamani*  
*(75 minutes)*



*Recorded Presentation*

# *Day 1*



*Module 4*

# **Special Purpose Rubbers – Part 2** **(HNBR, FKM, ECO, VMQ, FQM, PU)**

*Speaker: Dr. P. Thavamani*  
*(70 minutes)*

*Recorded Presentation*

***Day 1***



*Module 5*

# **Fillers for Rubber Reinforcement**

*Speaker: Dr. Samar Bandyopadhyay*

*(110 minutes)*

*Recorded Presentation*

*Day 2*



*Module 6*

# **Rubber Processing Additives**

*Speaker: Dr. Samar Bandyopadhyay*

*(45 minutes)*



*Recorded Presentation*

***Day 2***



*Module 7*

# **Rubber Vulcanization Chemicals & Protective Agents**

*Speaker: Dr. Samar Bandyopadhyay*  
*(150 minutes)*

*Recorded Presentation*

***Day 2***



*Module 7*

# **Rubber Vulcanization Chemicals & Protective Agents**

*Speaker: Dr. Samar Bandyopadhyay*  
*(150 minutes)*

*Recorded Presentation*

*Day 2*



*Module 7*

# **Rubber Vulcanization Chemicals & Protective Agents**

*Speaker: Dr. Samar Bandyopadhyay*  
*(150 minutes)*



*Recorded Presentation*

***Day 2***



*Module 8*

# **Reinforcing Materials (Textiles & Steel) for Rubber Industries**

*Speaker: Dr. Samar Bandyopadhyay  
(90 minutes)*

*Recorded Presentation*

***Day 2***



*Module 9*

# **Rubber Compound Formulation Development**

*Speaker: Dr. Samar Bandyopadhyay*

*(50 minutes)*

*Recorded Presentation*

***Day 2***



*Module 10*

# **Rubber Compound Testing**

*Speaker: Dr. Samar Bandyopadhyay*

*(80 minutes)*

*Recorded Presentation*

*Day 3*



*Module 11*

# **Molded Rubber Products: Compound Development**

*Speaker: E. Palaninathan*  
*(140 minutes)*



*Recorded Presentation*

*Day 3*



*Module 12*

# **Hydraulic Hoses: Rubber Compound Development**

*Speaker: UK Prasad  
(80 minutes)*

*Recorded Presentation*

***Day 3***



*Module 13*

# **Conveyor Belts: Rubber Compound Development**

*Speaker: Priyabrata Ghosh*  
*(85 minutes)*

*Recorded Presentation*

*Day 3*



*Module 14*

# **Rubber Mixing Technology & Selection**

*Speaker: Dr. MN Aji*

*(60 minutes)*

*Recorded Presentation*

***Day 4***



*Module 15*

# **Rubber Mixing Procedures & Sequence**

*Speaker: Dr. MN Aji*

*(90 minutes)*



*Recorded Presentation*

***Day 4***



*Module 16*

# **Cost Analysis of Rubber Compound**

*Speaker: Priyabrata Ghosh*

*(90 minutes)*

*Recorded Presentation*

***Day 4***



*Module 17*

# **Extruded Rubber Products: Compound Development**

*Speaker: P Roy Choudhury*  
*(100 minutes)*

*Recorded Presentation*

***Day 4***



*Module 18*

# **Industrial Rubber Rollers: Compound Development**

*Speaker: Priyabrata Ghosh*  
*(80 minutes)*

*Recorded Presentation*

***Day 4***



*Module 19*

# **Rubber Mixing Plant Management**

*Speaker: R Lakshminarayanan*

*(60 minutes)*



*Recorded Presentation*

***Day 5***



*Module 20*

# **Reverse Engineering in Rubber Compound Development**

*Speaker: Dr. Samar Bandyopadhyay  
(60 minutes)*

*Recorded Presentation*

***Day 5***



*Module 21*

**Footwear Soles:**

**Rubber Compound Development**

*Speaker: Priyabrata Ghosh*

*(90 minutes)*

*Recorded Presentation*

***Day 5***



*Module 22*

# **Cost Optimization of Rubber Hose Compounds**

*Speaker: UK Prasad  
(55 minutes)*

*Recorded Presentation*

***Day 5***



*Module 23*

# **Best Practices for Rubber Chemists in Material Development**

*Speaker: Dr. Hans-Joachim Graf*  
*(30 minutes)*



*Recorded Presentation*

***Day 5***



*Module 24*

# **Laboratory Management System**

*Speaker: Dr. Samar Bandyopadhyay*

*(90 minutes)*

*Recorded Presentation*

***Day 6***



*Module 25*

# **Setting-up Rubber Mixing Line**

*Speaker: Dr. MN Aji*

*45 minutes*

*Recorded Presentation*

***Day 6***



*Module 26*

# **Rubber Mixing Troubleshooting**

*Speaker: Dr. MN Aji*

*(70 minutes)*

## *Day 6*



*Module 27*

# **Metal to Rubber Bonded Products: Compound Development**

*Speaker: E. Palaninathan*

*95 minutes*

*Recorded Presentation*

***Day 6***



*Module 28*

# **Rubber Reclaim Application in Non-Tyre Products**

*Speaker: Kalyan Das*

*65 minutes*



*Recorded Presentation*

***Day 7***



*Module 29*

# **Safety & Environmental Regulations for Rubber & Tyre Industries**

*Speaker: Dr. Samar Bandyopadhyay*  
*(85 minutes)*

*Recorded Presentation*

*Day 7*



*Module 30*

# **Storage of Raw Materials & Rubber Compounds**

*Speaker: Dr. Samar Bandyopadhyay*

*Recorded Presentation*

*Day 7*



*Module 31*

# **Transmission Belts: Rubber Compound Development**

*Speaker: Dr. P. Thavamani*

*Recorded Presentation*

***Day 7***



*Module 32*

# **How to Judge Quality of Rubber Compounds?**

*Speaker: R Lakshminarayanan*

*(60 minutes)*

*Live Session*

*Day 8*



**Q & A Session :**

*Rubber Compounding for Non-Tyre Products*  
*(180 minutes)*



## *Day 9*



# **TechnoBiz Knowledge Test:**

*Rubber Compounding for Non-Tyre Products*

*(120 minutes)*

## *Customised Schedules*

**Preferred scheduling option is available  
for companies to train their staff.**



## Registration Guidelines

### Registration Fees

- Member: 750 US\$
- Non-Member: 975 US\$
- Group (5-Pax): 2,350 US\$



### Registration Form : <https://webinars.technobiz.org/event-form-18760/>

Please register online at the above link. Immediate registration confirmation note will be sent along with invoice. Participants have payment methods options of *bank transfer* or *credit card* (via Paypal) payments as per their convenience. 100% of Invoice value must be paid.

**Remarks:** Registration fee includes Training Documents, Certificate of Participation and TechnoBiz Knowledge Test Report. VAT 7% Taxes and Payment Processing Fees will apply on registration fees. Confirmed participants will receive a separate link for each module two days before schedule time.

## Contact Person for Assistance

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