# ADVANCED TECHNOLOGY/ SMART MANUFACTURING

# FOR RUBBER PRODUCT INDUSTRY

The EDB in collaboration with the Sri Lanka Association of Manufacturers and Exporters of Rubber Products (SLAMERP) and the Plastics and Rubber Institute of Sri Lanka (PRISL) proposes to organize a two day virtual workshop on Advanced Technology /Smart Manufacturing to upgrade the knowledge of the rubber products manufacturing industry by obtaining the services of technical experts from locally & internationally.



## **Objectives**

- To understand the global challenges and trends in the smart product design & manufacturing.
- To acquire theoretical and practical knowledge in the use of IoT (Internet of Things) in smart solutions.
- Inculcate interest in virtual technology advancements in computer aided product design and modeling.



# For Whom

Technical personnel from Rubber Products manufacturing /exporting companies



### When

18<sup>th</sup> & 19<sup>th</sup> December 2020 from 8.30 a.m. to 5.00 p. m.



## Resource Persons

Technical Experts (Local & International)



## Participation Fee

Rs. 5,000/- per person payable to PRI



Mr.Kiran Nataraj

Topic : Big Data Processing system and applications



Mr.Greshan Fernando

Process Engineer Boeing Company USA **Topic:** 3D/4D Printing



Mr.Ravi Suriyaarachchi

Senior Technical Lead Engineer Aerospace Company USA.



#### Mr. Chanaka Prabuddha

Senior Lecturer, SLIIT Former FE Engineer,Hewlett Packard Printers, Spain **Topic:** Finite Element Analysis & Modeling



Mr.Ruwan Jayanetti

Chief Operations Officer YoGo Taxi, Sri Lanka **Topic:** IOT Built Industry (Automation)



#### Dr. Malika Perera

Senior Lecturer (HG) SLIIT Chairman, Forum of Condition Based Monitoring, SL. **Topic:** Condition based Monitoring for maintenance



#### Mr.Ahmed Asinibosi

Lead Engineer – CAE & Structural Optimisation, Bentley Motors Ltd, UK **Topic :** Product Failure Prediction



#### Mr. David Fothergill

Technical Specialist (Retired) in Vehicle NVH and Dynamics Topic: Virtual Product Designs and Testing

## Areas to be covered

- Smart Energy Monitoring
- IOT built Industry Automation
- Big Data Processing Systems & Applications
- Condition Base Monitoring for Maintenance
- 3D/4D printing
- Finite Element Analysis & Modeling
- Virtual Product Designs & Testing
- Product Failure Prediction



ZOOM Meeting Registration

For the registration SCAN QR code

Register Now!

Companies interested in participating should register with Plastics & Rubber Institute of Sri Lanka, Administration Manager,

#### Mr. Chaminda Perera.

No.341/12, Kotte Road, Rajagiriya.

Phone: +94(011)2864354, 0776 129468, Fax: +94(011)4410557, e-mail: chaminda@prisrilanka.com.

Registration will be on first come first served basis.

For further details please contact

#### Mr.Susantha Premarathna.

Assistant Director, Sri Lanka Export Development Board Tel: 011 2300705-11 (Ext: 359), 0716 289015, Fax: 011 2303025, Email: susantha@edb.gov.lk

#### **ORGANIZED BY**

SRI LANKA EXPORT DEVELOPMENT BOARD
IN ASSOCIATION WITH THE PLASTICS AND RUBBER INSTITUTE OF SRI LANKA
& SRI LANKA ASSOCIATION OF MANUFACTURERS
AND EXPORTERS OF RUBBER PRODUCTS







