



# SAEINDIA Southern Section Toptech Program

# International Material Data System (IMDS)

On 28<sup>th</sup> & 29<sup>th</sup> August 2015 at Hotel Radha Regent, Chennai

Time: 9.00 A.M to 5.00 P.M

## About the Course

Environmental regulations have forced Global OEM's to change the way business done in profound and permanent ways. Now, OEM's are required to document all materials and all substances in every single component and the recycled content in it for every single product they want to sell. Various legislations like End of Life Vehicle (ELV) Directive, REACH, ROHS, and WEEE triggered a massive data-gathering effort throughout the global supply chain. Since the purchased parts account for over 60% of total vehicle value and Original Equipment Manufacturer (OEM) expect their supply base to provide the data necessary for calculating vehicle recyclability and to ensure compliance with the ELV directive and other Obligation set up on the manufacture.

As a first step, rather than imposing different reporting format, OEM's has decided to have a single reporting medium like International Material Data System (IMDS). IMDS System consists of a centralized, automated application and database that is accessible globally via a Web-based portal. The system captures data from suppliers and distributes it to an original Equipment Manufacturer (OEM) in the form of standardized data sheets and interfaces. It enables supply base to create material data sheets on your computer in a secure and comfortable manner. IMDS is the one of the best possible mean to meet the obligations placed on car manufacturers, and thus on their suppliers, by national, international standards, laws and regulations. Thus IMDS system is critical for providing the data necessary for calculating vehicle recyclability and it will ensure that the product will comply with the ELV directive and other obligation set up on the manufacture.

## Benefits of Attending the Course

The environmental understanding and awareness of all participants will enhance through the training program. We help participant better understand and manage emerging issues and trends, translating those into opportunities and implement consistent strategies and systems to ensure sustainable business success.

Enhanced understanding of the IMDS system Identify problems proactively. Elimination or prevention of problems

Reduce product development cost and time Prevent business De-risking and more...

## Course Objectives

The participants are introduced to the growing legal requirement and the training session will discuss in detail about the obligation under the ELV directive and its target set by EU with regards to the material declaration, recycling target based on ISO 22628, Type approval & Sustainability in the automotive industry.

For those who are new to International Material Data System (IMDS) system and for those who are struggling with data fields and complexities of the IMDS system, the training will enhance the participants understanding of IMDS system and how the product data will flow through the system. The participants will be familiar with the concepts and definitions of the IMDS and they will know how to create their product data sheet in the system.

## Course Content

### Day 1: Morning

Welcoming and Participants Introduction

Current Realities & Challenges of Automotive Industry EU Environmental Regulatory Waste Frame Work Overview on ELV Directives and its Objectives

### Afternoon

IMDS Background

Understanding the Tier n & OEM data flow How IMDS Data Is Used by OEM's?

Description on Basic MDS elements GADSL and Customer specific requirements Administration Process in IMDS

### Day 2: Morning

Building of product tree structures Concept of Version, Copying

Concept of Internal Release, Send, Publish, Propose

### Afternoon

Overview of various Data Quality Check points Checking for error (s) & Accepting Supplier

Data Confidentiality Management

Developmental Samples

## Who should attend?

The training focuses on participants from automotive and electronic industry. Departments may include but are not limited to those who are involved to ensure Quality, Environmental and Occupational Health requirements for regulated substances, recyclability, recycled content, and other related regulation set by the Customer & Government (e.g. Quality Manager, Product development engineer, Vendor development engineer, Material Engineer, Purchase, Customer business group, IMDS Coordinators, Corporate Environmental, Health, Safety and Toxicology staff etc.)

Note: IMDS training is recommended for anyone new to the IMDS system and for those who are struggling with the data fields and complexities of the system.

## Speaker:

### Mr. M. Prabhakaran

He is a Mechanical Engineer working as a Consultant in Wafes Technologies (IMDS service provider) with more than Nine year experience in regulatory product compliance management. He has worked on managing IMDS project for various companies and has conducted IMDS training session at Automax Ltd, Kalyani Hayes Lemmerz Ltd, Motherson Sumi System Ltd, Bharat Forge Limited, INZI Controls India Ltd, Indo Schottle Auto Parts Pvt. Ltd, Turbo Energy Ltd and L.G. Balakrishnan & Bros Ltd.

## About SAEINDIA Southern Section

SAEINDIA Southern Section is a premier society that serves the cause of mobility engineering. It is a unique society that includes professional engineers who serve different OEMS and Suppliers, academia as well as budding engineers who aspire to be part of the professionally attractive field of mobility engineers. We believe that Mobility Engineering is a knowledge rich field and that learning and sharing can be fun and rewarding. To this end, SAEISS organizes several events throughout the year, runs programme that enrich and engage and conducts lectures and symposia. It is a part of SAEINDIA.

SAEINDIA is a Premier Professional society that serves the Mobility Engineering Community engaged in the design, manufacture and service of self-propelled vehicles and systems that move in land, sea, air and space. It is an affiliate society of SAE International which is head quartered in USA and has a glorious record of over 100 years of service to the mobility community.

## About Toptech Program

### Theory Content

- Explaining the basic concepts
- Relating to physical products / parameters
- Limited Mathematics
  - Support with tables and graphs as applicable
- Graphic representations
- Reference to more reading material

### Application Content

- Published case examples and Case examples from the institute and Industry presentations

### Tools Content

- Tools that are helpful for application of concepts
  - Equipment, &Hardware& Software
- Explanation and Demonstration
- Presentation& Hand-holding by Tool vendor

## Benefit of the Participant

Benefit of the Participant	Non-Member	Member	Faculty Advisor
	₹ 13,000	₹ 10,000	₹ 4,000
Free Membership with Magazine	Yes	No	No
Discount for next program	Yes	No	No
Course materials with Softcopy	Yes	Yes	Yes
Networking Lunch with Tea & Snacks	Yes	Yes	Yes
Delegate Kits ( File, Notepad, Pen)	Yes	Yes	Yes
Certificate	Yes	Yes	Yes
T-Shirt	Yes	Yes	No

**Please Note: Including Tax**

## Pay course fee through DD/Cheque or Transfer to our account

<b>Name of the account holder</b>	<b>SAEINDIA Southern Section Toptech</b>
<b>Bank Account Number</b>	<b>32506111653</b>
<b>Bank Name &amp; Branch</b>	<b>State Bank of India, Kottur, Chennai</b>
<b>MICR Number of the Bank</b>	<b>600002023</b>
<b>IFSC Code of the Bank</b>	<b>SBIN0001669</b>
<b>PAN No.</b>	<b>AABAS2734H</b>

Please send the completed registration form along with cheque / demand draft drawn in favour of **“SAEINDIA Southern Section Toptech”** payable at Chennai

## DELEGATE REGISTRATION FORM

Name \_\_\_\_\_

Designation \_\_\_\_\_

Company/College \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

E-Mail ID \_\_\_\_\_

Telephone \_\_\_\_\_

Mobile \_\_\_\_\_

T-Shirt Size  L  XL  XXL

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Signature

***Dr. S. Senthilkumar /Toptech Program Champion***

***To Contact***

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Regular Participants to SAEISS TOPTECH from



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## Top Company Supporting to SAEISS TOPTECH from

- Ashok Leyland
- Baja Auto Ltd
- Brakes India Ltd
- CSEG,India
- CVRDE
- EON Free Zone, Cluster C, Wing 1
- Ford India Pvt Ltd
- h2e Power Systems Pvt. Ltd
- Hyundai Motor India Engineering
- Indian Army
- Indian Oil Corporation Limited,
- IP Rings Ltd
- John Deere India Pvt Ltd
- Kendrion (Pune) Private Limited
- LGB-Corporate
- LMS -A Siemens Business
- Mahindra & Mahindra Ltd
- Mahindra & Mahindra Ltd. (Truck & Bus Division).
- Mahindra Reva Electric Vehicles Pvt. Ltd
- Maruti Suzuki India Ltd
- Meritor HVS (India) Limited
- Moog India Technology Center Pvt. Ltd,
- NIT, Jaipur
- Pricol Limited
- Rane Brake Lining Limited
- Rane TRW Steering Systems
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- Technology Information Forecasting & Assessment Council (TIFAC), New Delhi
- The Automotive Research Association of India
- Turbo Energy Limited
- TVS Motor Company Ltd
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- Valeo India Private Limited
- VANAZ ENGINEERS LTD
- VE Commercial Vehicles Ltd
- Walchand Institute of Technology, Solapur
- Wheels India Ltd, Chennai



## Top Academics Supporting

- Agni College of Technology, Chennai
- Amaljyothi College of Engineering, Kottayam
- Amrita School of Engineering - Coimbatore, Coimbatore
- Aurora's Engineering College - Bhongir, Nalgonda
- Aurora's Scientific and Technological & Research Academy, Hyderabad
- Birla Institute of Technology & Science, Hyderabad
- BSA Crescent Engineering College, Chennai
- C. Abdul Hakeem College of Engg & Technology, Vellore
- ChaitanyaBharathi Institute of Technology, Hyderabad
- ChristuJyoti Institute of Technology & Science, Jangaon
- CMR College of Engineering and Technology, Hyderabad
- College of Engineering -Trivandrum, Thiruvananthapuram
- Dhanalakshmi Srinivasan Engineering College, Perambalur
- Faculty of Science & Tech., IFHE University, Hyderabad
- GokarajuRangaraju Institute of Engineering & Technology, Hyderabad
- Hindustan University, Chennai
- Hindusthan College of Engg. & Technology, Coimbatore
- Jeppiaar Institute of Technology, Sriperumbudur
- JNTUH College of Engineering, Hyderabad
- Karunya University, Coimbatore
- KLN College of Engineering, Madurai
- KPR Institute of Engineering & Technology, Coimbatore
- Kumaraguru College Of Technology, Coimbatore
- Madras Institute of Technology, Chennai
- Malabar College Of Engineering And Technology, Thrissur
- Mar Ephraem College of Engineering and Technology, Marthandam,
- Meenakshi Sundarrajan Engineering College, Chennai
- Methodist College of Engg. & Technology, Hyderabad
- MLR Institute of Technology , Hyderabad
- Mookambigai College of Engineering, Pudukkottai
- MVSR Engineering College , Hyderabad
- National Institute Of Technology, calicut
- PadmasriDr.B.V. Raju Inst. Of Technology, Narsapur , Medak (Dist)
- Panimalar Engineering College, Chennai
- Panimalar Inst. Of Technology, Chennai
- Rajalakshmi Engineering College, Chennai
- Rajiv Gandhi College of Engineering, Sriperumbudur
- Ramco Institute of Technology, Rajapalayam
- RMK Engineering College, Tiruvallur
- RVS Educational Trust's Group of Institutions, Dindigul
- Saingits College of Engineering, Kottayam
- Sastra University, Thanjavur
- Sathyabama University, Chennai
- Saveetha Engineering College, Chennai
- SBM College of Engineering and Technology, Dindigul
- Sengunthar Engineering College, Erode
- SreeVidyanikethan Engineering Collleg , Tirupati
- Sri Eshwar College of Engineering, Coimbatore
- Sri Krishna College of Engineering & Technology, Chennai
- Sri Shakthi Institute of Engineering & Technology, Coimbatore
- Sri Venkateswara College of Engineering, Sriperumbudur
- Sri Vishnu Engineering College for Women, Bhimavaram
- SRM University, Chennai
- St. Martins Engineering College, Secunderabad
- St. Peters Engineering College, Hyderabad
- Tamilnadu College of Engineering, Coimbatore
- Turbomachinery Institute of Technology & Sciences, Hyderabad
- Vardhaman College of Engineering , Hyderabad
- Vasavi College of Engineering, Hyderabad
- Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai
- Vel Tech University, Chennai
- Velammal Institute of Technology, Chennai
- Vellore Institute of Technology , Chennai
- Vellore Institute of Technology, Vellore
- Veltech High Tech Dr. RangarajanDrSakunthala Engineering College , Chennai
- VimalJyothi Engineering College, Kannur