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#14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109 Tel: 080 - 28435722 / 24 Web:www.ksit.edu.in

**Industry Driven Faculty Development Programme** 

on **"BEST PRACTICES IN INDUSTRIAL SAFETY"** 

13<sup>th</sup> - 17<sup>th</sup> May, 2024

# **Industry Partners**













**Organized By Department of Mechanical Engineering** 

# In Association with

# K S Research & Innovation Foundation

# **Contact Details**

Mr. Anil Kumar A +91 - 81979 75168 Email : anilkumara@ksit.edu.in Mr. Rangantah N +91 - 9743336296Email : ranganathn@ksit.edu.in Scan Here for Location



# **Objectives of FDP :**

- To empower the faculty members with a understanding of the current best safety practices in industries
- To assist faculty in integrating industrial safety practices into curriculum by identifying key topics, case studies and practical examples.
- To emphasis the importance of safety standards and sustainable practices in industrial settings

# **Registration Fee :**

# **For Faculty :**

Rs. 1000 /-

# **Bank Details :**

A/C Name : K S INSTITUTE OF TECHNOLOGY, BENGALURU Bank Name : Axis Bank A/C Number : 912010014093916 IFSC Code : UTIB0001513 Branch : JP Nagar 6<sup>th</sup> Phase, Bengaluru

# Note :

- Number of registrations is limited to 20.
- Registration is limited to only 1 faculty from each institutions.
- Faculty from Mechanical Engineering domain can register for this program.

# Registrations

Please Scan or Click on the link given below for the registrations

This FDP will be implemented at above Five Industries



https://forms.gle/LBdvGNyYCmt72Aib6

**Chief Patrons** Sri. R. Rajagopal Naidu President, Kammavari Sangham Sri. R. Leela Shankar Rao Hon. Secretary, Kammavari Sangham Sri. T. Neerajakshulu Naidu Treasurer, Kammavari Sangham Academic Advisory Board Dr. H. P. Kincha Chairman Dr. K. N. Balasubramanya Murthy Member Dr. Y. N. Srikanth Member Dr. Shyam Vasudeva Rao Member Dr. K. V. A. Balaji **Chief Executive Officer Organizing Committee** Dr. D. R. Swamy **Executive Director, KSRIF** Dr. Dilip Kumar. K

Conveners Mr. Anil Kumar A Asst. Professor, Dept. of Mech, KSIT Mr. Ranganath N Asst. Professor, Dept. of Mech, KSIT **Co-ordinators** Mr. Nagabhushana M Assoc. Professor, Dept. of Mech, KSIT Mr. Prasad K Assoc. Professor, Dept. of Mech, KSIT Dr. Nagaprasad K S Assoc. Professor, Dept. of Mech, KSIT Dr. Nirmala L Assoc. Professor, Dept. of Mech, KSIT Mr. Manjunath B R Asst. Professor, Dept. of Mech, KSIT Mr. Harish U Asst. Professor, Dept. of Mech, KSIT Dr. Saleem Khan Asst. Professor, Dept. of Mech, KSIT Mr. Rajesh G L

# Dr. Umashankar. M Professor & COE, KSIT

Principal / Director, KSIT

**Dr. Girish T. R** Associate Professor & Head Mechanical, KSIT Asst. Professor, Dept. of Mech, KSIT **Dr. Srinidhi Acharya S R** Asst. Professor, Dept. of Mech, KSIT

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The Management, Principal, Staff of Department of Mechanical Engineering, Cordially Invite you for

Inaguration of Faculty Development on BEST PRACTICES IN INDUSTRIAL SAFETY

# On Monday, 13th May 2024

#### Chief Guest

# Dr. T V Narayanappa

Deputy Director of Factories

# **Tabrez Ahmed**

Senior Vice President & Director Toyota Kirloskar Auto Parts Pvt. Ltd.

#### Presided By

# Sri. R. Rajagopal Naidu

President, Kammavari Sangham

## Will Grace the Occasion

## Sri. R. Leela Shankar Rao

Hon. Secretary, Kammavari Sangham

# Sri. T. Neerajakshulu Naidu

Treasurer, Kammavari Sangham

Dr. K.V.A. Balaji

Dr. D. R. Swamy

Executive Director - KSRIF

**Dr. Girish T R** HOD - Mechanical Dr. Dilip Kumar K Principal & Director

Venue : Toyota Kirloskar Auto Parts Pvt Ltd Time : 10-00 AM





#### MANAGEMENT COMMITTEE

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Mr. Harish U Asst. Professor, Dept. of Mech, KSIT

Dr. Saleem Khan Asst. Professor, Dept. of Mech, KSIT

Mr. Rajesh G L Asst. Professor, Dept. of Mech, KSIT

Mr. Srinidhi Acharya S R Asst. Professor, Dept. of Mech, KSIT





# K S INSTITUTE OF TECHNOLOGY, BENGALURU DEPARTMENT OF MECHANICAL ENGINEERING



# AGENDA FOR THE INAUGURATION OF 5 DAYS FACULTY DEVELOPMENT PROGRAM ON "BEST PRACTICES IN INDUSTRIAL SAFETY" On Monday 13<sup>th</sup> May 2024

| SL<br>NO | Particulars  | Time            | Duration  |
|----------|--|-----------------|-----------|
| 1        | Welcome address by<br><b>Dr Dilip Kumar K</b><br>Principal/Director, KSIT Bengaluru  | 9.30am – 9.35am | 5 Minutes |
| 2        | Lightening of Lamp by the Dignitaries  | 9.35am – 9.38am | 3 Minutes |
| 3        | Introduction about the<br>Faculty Development Program by<br><b>Dr D R Swamy</b><br><b>Executive Director, KSRIF, Bengaluru</b> | 9.38am – 9.41am | 3 Minutes |
| 4        | Inaugural address by<br><b>Dr T V Narayanappa</b><br>Deputy Director of Factories  | 9.41am – 9.47am | 6 Minutes |
| 5        | Address by<br><b>Mr Tabrez Ahmed</b><br>Senior Vice President & Director<br>Toyota Kirloskar Auto Parts Pvt Ltd                | 9.47am – 9.53am | 6 Minutes |
| 6        | Address by<br><b>Dr K V A Balaji</b><br>Chief Executive Officer, KSGI, Bengaluru   | 9.53am – 9.56am | 3 Minutes |
| 7        | Felicitation to Chief Guest  | 9.56am – 9.58am | 2 Minutes |
| 8        | Vote of Thanks by<br><b>Prof. Anil Kumar A</b><br>Assistant Professor<br>Department of Mechanical Engineering, KSIT            | 9.58am – 10am   | 2 Minutes |



#### Tel: 080-28435722 / 24

#### **DEPARTMENT OF MECHANICAL ENGINEERING**

**REPORT ON** 

#### **BEST PRACTICES IN INDUSTRIAL SAFETY**

Organized by: Department of Mechanical Engineering, KS Institute of Technology,

Bengaluru

In Association with: KS Research & Innovation Foundation (KSRIF)

Date: 13/5/2024 - 17/5/2024

The program began with an inauguration ceremony attended by distinguished guests and dignitaries, setting a formal tone for the event.

#### **Inauguration Ceremony:**

- Welcome Address: Dr. Dilip Kumar K, Principal/Director, KSIT
- Lightening of Lamp: By the dignitaries
- Introduction: Dr. D R Swamy, Executive Director, KSRIF
- Inaugural Address: Dr. T V Narayanappa, Deputy Director of Factories
- Special Addresses: Mr. Tabrez Ahmed, Senior VP & Director, Toyota Kirloskar Auto Parts Pvt Ltd, and Dr. K V A Balaji, CEO, KSGI
- Vote of Thanks: Prof. Anil Kumar A, Assistant Professor, KSIT

#### Day 1: Toyota Kirloskar Auto Parts Pvt Ltd (TKAP) - (13.05.2024)

Participants are engaged in sessions covering various topics:

- **Company Presentation**: Mr. Rajpandian San presented an overview of the company.
- Environment Management: Mr. Gunaranjan discussed best practices for managing the environment within industrial settings.
- Low-Cost Automation: Mr. Niranjan introduced innovative yet cost-effective automation strategies.
- Gemba Visit: Participants were divided into two groups for a tour of the Training Center and A400 Line, focusing on Safety Dojo and safety practices.

The day concluded with a Q&A session and a group photo.



#### K S INSTITUTE OF TECHNOLOGY, BENGALURU DEPARTMENT OF MECHANICAL ENGINEEIRNG FDP ON BEST PRACTICES IN INDUSTRIAL SAFETY FROM 13/5/2024 TO 17/5/2024



#### **REPORTING AT KSIT & DEPARTURE TO TKAP IS 8.00AM**

| DAY 1: Faculty Development Program (13.05.2024) |                       |     |  |                   |                                      |  |  |
|---|-----------------------|-----|--|-------------------|--------------------------------------|--|--|
| Date  | TimeDuration<br>(Min) |     | Program  | Location          | Presenter                            |  |  |
|   | 9:30 10:00            | 30  | Inaugural Function (Meeting Room)                | Orchid 3 & 4      | KSIT Faculty Conenor +<br>Mr.Mangesh |  |  |
|   | 10:00 ~10:10          | 10  | Tea break  | Cafeteria longue  |                                      |  |  |
|   | 10:10 ~ 12:00         | 110 | Best Practices Sharing (Meeting Room)            | Orchid 3 & 4      |                                      |  |  |
|   | 10:10~10:15           | 5   | Greetings & Participant Introduction             |                   | Mr. Mangesh                          |  |  |
| 13th May 24                                     | 10:15~10:35           | 20  | Company Presentation                             |                   | Mr.Rajpandian San                    |  |  |
| 15th Way 24                                     | 10:35~11:05           | 30  | Environment Management                           | Orchid 3 & 4      | Mr.Gunaranjan                        |  |  |
|   | 11:05~11:45           | 40  | Low Cost Automation                              |                   | Mr.Niranjan                          |  |  |
|   | 11:45~12:00           | 15  | Q&A  |                   | Mr. Mangesh                          |  |  |
|   | 12:00~12:35           | 35  | Gemba Visit Group 1                              | Training Center + | Mr.Bhanuprkash                       |  |  |
|   | 12:00~12:03           | 3   | Move to Training Center                          |                   | Mr.Bhanuprkash                       |  |  |
|   | 12:03~12:15           | 12  | Training Centre Safety Dojo + FST<br>Explanation | Training Center   | Mr.Laxman                            |  |  |

| Date         | Time         | Duration<br>(Min) | Program  | Location                | Presenter        |
|--------------|--------------|-------------------|--|-------------------------|------------------|
|              | 12:15~12:17  | 2                 | Move to A400   |                         | Mr.Bhanuprkash   |
|              | 12:17~12:32  | 15                | A400 Gemba Explanation (Machining<br>Line + Assembly Line) | A400                    | Mr.Kumar S       |
|              | 12:32~12:35  | 3                 | Move to Orchid 3 & 4                                       |                         | Mr.Bhanuprkash   |
|              | 12:00~012:35 | 35                | Safety Best Practices-(Group-2)                            | Orchid 3 & 4            | Mr. Mangesh      |
|              | 12:35~01:10  | 35                | Gemba Visit Group 2  | Training Center -       | - Mr.Bhanuprkash |
|              | 12:35~12:38  | 3                 | Move to Training Center                                    |                         | Mr.Bhanuprkash   |
| 13th May 24  | 12:38~12:50  | 12                | Training Centre Safety Dojo + FST<br>Explanation           | Training Center         | Mr.Nagaraja      |
| 1000 1010 24 | 12:50~12:52  | 2                 | Move to A400   |                         | Mr.Bhanuprkash   |
|              | 12:52~01:07  | 15                | A400 Gemba Explanation (Machining<br>Line + Assembly Line) | A400                    | Mr.Kumar S       |
|              | 01:07~01:10  | 3                 | Move to Orchid 3 & 4                                       | Orchid 3 & 4            | Mr.Bhanuprkash   |
|              | 12:35~01:10  | 30                | Safety Best Practices-(Group-2)                            | Orchid 3 & 4            | Mr.Mangesh       |
|              | 01:10:01:25  | 15                | Q&A- Closing Meeting                                       |                         | Mr.Mangesh       |
|              | 1:30~2:00    | 30                | Lunch Break  | Dining Hall 2           | Mr. Mangesh      |
|              |              | 4                 | Group Photo & Disperse                                     | Admin block<br>Entrance | Mr.Dinesh        |





Fig: Felicitation to Dr T V Narayanappa, Deputy Director of Factories





Fig: Shop floor Visit at TKAP



## K S INSTITUTE OF TECHNOLOGY, BENGALURU

DEPARTMENT OF MECHANICAL ENGINEERING

5 DAYS FACULTY DEVELOPMENT PROGRAM ON



#### **"BEST PRACTICES IN INDUSTRIAL SAFETY"**

(13/5/2024 - 17/5/2024)

In Association with K S Research & Innovation Foundation (KSRIF)

| Schedule > DAY 2: Faculty Development Program @ Prabha Industry<br>(14.05.2024) |                     |  |  |  |  |  |
|---|---------------------|--|--|--|--|--|
| Date  | Time                | Program  |  |  |  |  |
|   | 10.30AM - 11.00AM   | Coffee/Tea, Intro and company presentation   |  |  |  |  |
|   | 11:00 AM – 12:00 PM | Presentation on topics of metal<br>stamping<br>process, stamping dies, Press & Safety<br>aspects |  |  |  |  |
| 14th May 24   | 12:00 PM – 1:00 PM  | Plant & Training area walk thru and review.  |  |  |  |  |
|   | 1:15 PM – 2:00 PM   | Lunch  |  |  |  |  |
|   | 2:00 PM – 2:30 PM   | Q&A, Discussion  |  |  |  |  |
|   | 2:30 PM – 2:45 PM   | Tea and Wrap-up.   |  |  |  |  |

## Day 2: Prabha Industry (14.05.2024)

The second day of the FDP took place at Prabha Industry, where participants explored various aspects of industrial safety:

- **Company Presentation and Introduction**: An initial overview of Prabha Industry by Mr Vinod Kubher and Mr Satish.
- Metal Stamping and Safety Aspects: Presentations covered metal stamping processes, stamping dies, presses, and associated safety protocols by Mr Shanawaz.
- **Plant Walkthrough**: A guided tour of the plant and training area, providing practical insights into safety measures.

• **Discussion and Q&A**: An interactive session to discuss learnings and clarify doubts. The visit concluded with a wrap-up session and tea.







Fig: Shop Floor Visit at Prabha Industries



Fig: Presentation of Memento during Faculty Development Program



Fig: Group Photo at Prabha Industries



## **K S INSTITUTE OF TECHNOLOGY, BENGALURU**

DEPARTMENT OF MECHANICAL ENGINEERING

**5 DAYS FACULTY DEVELOPMENT PROGRAM** 

ON



#### "BEST PRACTICES IN INDUSTRIAL SAFETY" (13/5/2024 - 17/5/2024) In association with K S Research & Innovation Foundation (KSRIF)

#### Schedule -----> DAY 3: Faculty Development Program @ Toyota Kirloskar Motors (TKM) - (15.05.2024) **Time/Session** Date Program **Remarks** Who? 8.00AM - 8.30AM Arrival to Toyota Kirloskar Breakfast • • Nagesh Session 0 Motors (TKM) **Sleeves Shirt** • Developing Youth - Toyota Model Wear Safety Gears & • 8.30AM - 10.00AM Bhaskar pai • • Morning Assembly, Panaguide Session 1 Nagesh Assembly Shop & Kendama • Break into 2 groups Safety Protocols at Training • Manufacturing a car: Weld, • Plant 1 Tour (Mezannine 10.15AM - 11.45AM Paint & Assembly Nagesh • Floor) Session 2 Safety beast practices at Ambarish • • • Safety best Practices shop floor 15<sup>th</sup> Industry Safety best • 12.00PM - 1.00PM Gurukul Visit Nagesh • • May 24 practices through safety Session 3 Safety Doujo Explanation • Shivu • doujo experience at Gurukul 1.00PM - 1.30PM • Lunch • Canteen Nagesh • Session 4 1.30PM - 3.30PM • Nagesh • Toyota Production System **TPS Simulation** • Session 5 Ambarish • 3.45PM - 4.30PM • Workshop Safety • Industrial Safety best Bheemesh • Session 6 practices **Contractor Safety** • • Dr T V 4.30PM - 5.00PM Narayanappa Closing Q & A • . Session 7 Jagadish •

## Day 3: Toyota Kirloskar Motors (15.05.2024)

Participants visited Toyota Kirloskar Motors, where they experienced Toyota's renowned safety practices:

- Morning Assembly and Safety Protocols: A comprehensive introduction to Toyota's safety protocols and practices.
- **Plant Tour**: A detailed tour of the manufacturing processes, focusing on safety best practices in the weld, paint, and assembly shops.
- **Safety Dojo Experience**: An immersive session in Toyota's safety dojo, highlighting industry safety best practices.
- **Toyota Production System (TPS)**: A simulation session to understand the TPS and its emphasis on safety.
- **Closing Session**: The day ended with a Q&A session and a wrap-up by senior Toyota officials.



Fig: Morning Drill at Toyota Kirloskar Motors, Bidadi



Fig: Shop floor Visit at Toyota Kirloskar Motors



Fig: Safety Demonstration by trained staff @ TKM



Fig: Question and Answer session



Fig: Presentation of Memento during Faculty Development Program



Fig: Group Photo at Toyota Kirloskar Motors



### K S INSTITUTE OF TECHNOLOGY, BENGALURU

DEPARTMENT OF MECHANICAL ENGINEERING



5 DAYS FACULTY DEVELOPMENT PROGRAM

ON

"BEST PRACTICES IN INDUSTRIAL SAFETY"

(13/5/2024 - 17/5/2024)

### In Association with K S Research & Innovation Foundation (KSRIF)

| Schedule > DAY 4: Faculty Development Program @ Sansera Engineering<br>(16.05.2024) |                   |  |  |  |  |  |  |
|---|-------------------|--|--|--|--|--|--|
| Date  | Time              | Program  |  |  |  |  |  |
|   | 10.30AM           | Assembly at Sansera  |  |  |  |  |  |
|   | 10.15AM - 11.15AM | Introduction to Sansera, A brief<br>presentation on the history and<br>operations of Sansera, Overview of the<br>manufacturing processes |  |  |  |  |  |
| 1 cth Mr. 24  | 11.15AM - 12.15PM | Focus on Safety, Discussion on best<br>practices in safety, Review of safety<br>activities and protocols                                 |  |  |  |  |  |
| 16 <sup>th</sup> May 24   | 12.30PM - 1.30PM  | Break for lunch  |  |  |  |  |  |
|   | 1:30 PM - 2.30PM  | Plant Tour, Guided visit through the<br>plant to demonstrate safety best<br>practices in a live environment.                             |  |  |  |  |  |
|   | 2.30PM - 2.45PM   | Summary of key learnings from the day,<br>Final questions and conclusion   |  |  |  |  |  |
|   | 3.00PM            | End of Visit   |  |  |  |  |  |

## Day 4: Sansera Engineering (16.05.2024)

The fourth day was held at Sansera Engineering, offering insights into safety practices in the engineering sector:

- Introduction to Sansera: A presentation on Sansera's history and manufacturing processes.
- Safety Best Practices: Discussions on safety protocols and activities at Sansera.
- **Plant Tour**: A guided tour highlighting live demonstrations of safety practices.
- Summary Session: Concluding discussions on key learnings and a final Q&A session.



Fig: Shop Floor Visit at Sansera Engineering Ltd, Bidadi



Fig: Shop Floor Visit at Sansera Engineering Ltd, Bidadi



Fig: Presentation of Memento during Faculty Development Program



Group Photo at Sansera Engineering Ltd



# K S INSTITUTE OF TECHNOLOGY, BENGALURU

DEPARTMENT OF MECHANICAL ENGINEERING

#### 5 DAYS FACULTY DEVELOPMENT PROGRAM ON



**"BEST PRACTICES IN INDUSTRIAL SAFETY"** (13/5/2024 - 17/5/2024)

In Association with K S Research & Innovation Foundation (KSRIF)

| Schedule > DAY 5: Faculty Development Program @ Bosch Limited<br>(17.05.2024) |         |  |  |  |  |  |
|---|---------|--|--|--|--|--|
| Date  | Time    | Program  |  |  |  |  |
|   | 9.45AM  | Assemble at Bosch Reception Area   |  |  |  |  |
|   | 9.55AM  | Assemble at B101 Board room  |  |  |  |  |
|   | 10.00AM | Visitor Safety Briefing / Card Distribution                              |  |  |  |  |
|   | 10.05AM | Introduction & Context Setting   |  |  |  |  |
|   | 10.30AM | Bosch Limited, Plant Presentation  |  |  |  |  |
|   | 10.45AM | Work Safety, an enabler for operational Excellence & Overview of Process |  |  |  |  |
| 17th May 24   | 11.15AM | Topic 1: Machine & Equipment Safety                                      |  |  |  |  |
| 17th May 24   | 12.30PM | Business Lunch   |  |  |  |  |
|   | 1.00PM  | Topic 2: Fire & Emergency Preparedness                                   |  |  |  |  |
|   | 2.00PM  | Topic 3: Chemical Safety   |  |  |  |  |
|   | 3.00PM  | Assemble Back to Board Room  |  |  |  |  |
|   | 3.15PM  | Feedback Session   |  |  |  |  |
|   | 3.45PM  | High Tea   |  |  |  |  |
|   | 4.00PM  | Departure  |  |  |  |  |

## Day 5: Bosch Limited (17.05.2024)

The final day took place at Bosch Limited, wrapping up the FDP with comprehensive safety sessions:

- Visitor Safety Briefing: An initial safety briefing for all participants.
- **Plant Presentation and Work Safety**: Detailed presentations on Bosch's safety protocols and their role in operational excellence.
- Focused Safety Topics: Sessions on machine and equipment safety, fire and emergency preparedness, and chemical safety.
- Feedback Session: Gathering feedback from participants to improve future FDPs.
- **Conclusion and Departure**: The program concluded with high tea and a formal departure.



Fig : Interaction with Mr Joshi, Bosch (Bidadi plant)









**Fig : Safety Demonstration by trainers** 



Fig: Presentation of Memento during Faculty Development Program



**Fig: Certificate Distribution to Participants** 



Fig: Group Photo at Bosch, Bidadi plant

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Signature of the Coordinator

Signature of the HOD Head of the Department Dept. of Mechanical Engg. K.S. Institute of Technology Bengalurus 560-100

PRINCIPAL K.S. INSTITUTE OF TECHNOLOGY BENGALURU - 560 109.

ಂಹೊಸ ದಿಗಂತ



ಬಿಡದಿ ಸಮೀಪದಲ್ಲಿರುವ ಟೊಯೊಟಾ ಕಿರ್ಲೋಸ್ಕರ್ ಆಟೋ ಪಾರ್ಟ್ಸ್ ನಲ್ಲಿ ಆಯೋಜಿಸಲಾಗಿದ್ದ 5 ದಿನಗಳ ಕಾರ್ಖಾನೆ ಚಾಲಿತ ಅಧ್ಯಾ ಪಕರ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಾಗಾರವನ್ನು ಕಾರ್ಖಾನೆಗಳ ಇಲಾಖೆಯ ಉಪ ನಿರ್ದೇಶಕ ಡಾ.ಟಿ.ವಿ. ನಾರಾಯಣಪ್ತ ಉದಾಟಿಸಿದರು.



VOL 9 - ISSUE 301 PAGES 18 RD 4.00



The five-day Factory-Driven Faculty Development Program workshop, organized at Toyota Kirloskar Auto Parts near Bidadi, was inaugurated by TV Narayanappa, Deputy Director of the Factories Department on Wednesday. K. V. A. Balaji of K.S.G.I., D.R. Swami, Dilip Kumar, Principal of KS Institute of Technology, and Tabriz Ahmed, Head of Toyota Kirloskar Auto Parts, along with others, were present.





ಯಶವಂತಪುರ : ಟೊಯೋಟ ಕಿರ್ಲೋಸ್ಕರ್ ಆಟೋ ಪಾರ್ಟ್ಸ್ನಲ್ಲಿ ಆಯೋಜಿಸಲಾಗಿದ್ದ ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಕಾರ್ಖಾನೆಗಳ ಇಲಾಖೆಯ ಉಪನಿರ್ದೇಶಕ ಡಾ.ಟಿ.ವಿ.ನಾರಾಯಣಪ್ಪ, ಕೆ.ಎಸ್.ಜಿ.ಐ.ನ ಡಾ.ಕೆ.ವಿ.ಎ.ಬಾಲಾಜಿ, ಡಾ. ಡಿ.ಆರ್.ಸ್ವಾಮಿ, ಡಾ. ದಿಲೀಪ್ ಕುಮಾರ್, ಪ್ರಾಂಶುಪಾಲರು, ಕೆ.ಎಸ್ ಇನ್ಸಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಮತ್ತು ಟೊಯೊಟಾ ಕಿರ್ಲೋಸ್ಕರ್ ಆಟೋ ಪಾರ್ಟ್ಸ್ನ ಮುಖ್ಯಸ್ಥರಾದ ತಬ್ರಿಜ್ ಅಹ್ಮದ್ ರವರ ಉಪಸ್ಥಿತಿಯಲ್ಲಿ ಐದು ದಿನಗಳ ಕಾರ್ಖಾನೆ ಚಾಲಿತ ಅಧ್ಯಾಪಕರ ಅಭಿವೃದ್ಧಿ ಕಾರ್ಯಕ್ರಮವನ್ನು ಉದ್ಘಾಟಿಸಲಾಯಿತು.

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#### DEPARTMENT OF MECHANICAL ENGINEERING 5 DAYS FDP ON BEST PRACTICES IN INDUSTRIAL SAFETY

(13/5/2024 TO 17/5/2024)

IN ASSOCIATION WITH

#### K S RESEARCH AND INNOVATION FOUNDATION (KSRIF)

#### FEEDBACK REPORT

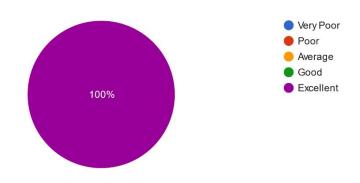
#### Day 1: Toyota Kirloskar Auto Parts Pvt Ltd (13/5/2024)

| Name             | Company<br>/Organiz<br>ation | How<br>would<br>you rate<br>the<br>overall<br>organiza<br>tion of<br>the<br>TKAP<br>visit? | Was the<br>visit<br>informat<br>ive and<br>relevant<br>to your<br>field of<br>expertise<br>? | How<br>well did<br>the visit<br>meet<br>your<br>expectati<br>ons? | How would you<br>rate the quality<br>of the<br>presentations<br>or<br>demonstrations<br>provided by the<br>TKAP staff? | How effective<br>was the Q&A<br>session in<br>addressing<br>your queries? | To what<br>extent did the<br>visit enhance<br>your<br>understandin<br>g of<br>automotive<br>manufacturin<br>g processes? | How would you<br>rate the logistical<br>arrangements<br>(e.g.,<br>transportation,<br>scheduling)? | What was the most<br>valuable part of the<br>visit for you? | What improvements<br>would you suggest<br>for future FDP's? |
|------------------|------------------------------|--|--|---|--|---|--|---|---|---|
| Dr Kiran Kumar N | VIT                          | Excellent  | Strongly<br>Agree  | Exceede<br>d<br>Expectati<br>ons                                  | Excellent  | Very Effective  | Extremely  | Excellent   | Simple mechanism<br>converted into working<br>model         | Keep doing such informative things                          |
| Gurumurthy M     | ЛТ                           | Excellent  | Strongly<br>Agree  | Exceede<br>d<br>Expectati<br>ons                                  | Excellent  | Very Effective  | Extremely  | Excellent   | Everything  | It's well organised   |
| Vijaya kumar m n | RVCE                         | Excellent  | Strongly<br>Agree  | Exceede<br>d<br>Expectati<br>ons                                  | Excellent  | Very Effective  | Extremely  | Excellent   | Live demo   |   |

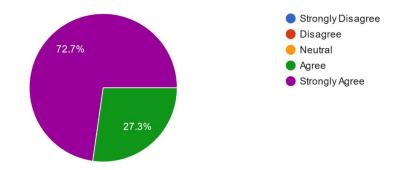
| Dr.Srinivasa Chari<br>V | AIT                | Excellent | Strongly<br>Agree | Met<br>Expectati<br>ons                 | Excellent | Effective      | Significantly | Excellent | Insights and   | Live Demo  |
|-------------------------|--------------------|-----------|-------------------|---|-----------|----------------|---------------|-----------|--|--|
| Dr Nagarajan G          | RRCE               | Excellent | Strongly<br>Agree | Far<br>Exceede<br>d<br>Expectati<br>ons | Excellent | Very Effective | Extremely     | Excellent | We have learnt the<br>Live exposures of<br>Industry environment<br>& safety at workplace<br>Culture & work<br>diversity which it will<br>help our students to<br>enhance the skills,<br>Knowledge, behaviour<br>& attitude | Nwe people<br>Management, Human<br>Capital Management,<br>Employee<br>Relationship<br>Management using<br>Artificial intelligence<br>solutions with deep<br>learning application<br>& approach |
| Dr. Ramesh N            | AIT                | Excellent | Agree             | Exceede<br>d<br>Expectati<br>ons        | Excellent | Very Effective | Extremely     | Good      | Production line process  | Well organized.<br>Thank you all   |
| SB Kalatage             | Srushti<br>College | Excellent | Strongly<br>Agree | Exceede<br>d<br>Expectati<br>ons        | Excellent | Very Effective | Significantly | Good      | Interaction with tkap<br>subject experts   | You may think of<br>including industry<br>officials also   |
| Dr.Vishwanath K C       | RRCE               | Excellent | Strongly<br>Agree | Far<br>Exceede<br>d<br>Expectati<br>ons | Excellent | Very Effective | Extremely     | Excellent | Industry exposure  | connect more<br>industry to conduct<br>this type of FDP  |
| AKASH DEEP B N          | KSSEM              | Excellent | Agree             | Met<br>Expectati<br>ons                 | Excellent | Effective      | Significantly | Good      | Presentation   | More field visit   |
| Mahesha C K             | CIT<br>Mandya      | Excellent | Agree             | Far<br>Exceede<br>d<br>Expectati<br>ons | Excellent | Very Effective | Extremely     | Excellent | Practical exposure to manufacturing plant  | Nil  |
| Naveen S S              | BGSIT              | Excellent | Strongly<br>Agree | Far<br>Exceede<br>d<br>Expectati<br>ons | Excellent | Effective      | Extremely     | Excellent | Floor visit  |  |

How would you rate the overall organization of the TKAP visit?

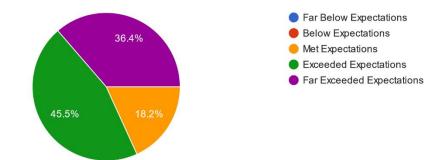
11 responses



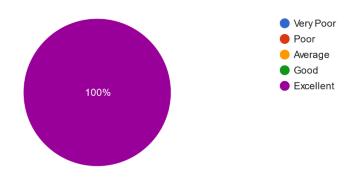
Was the visit informative and relevant to your field of expertise? 11 responses



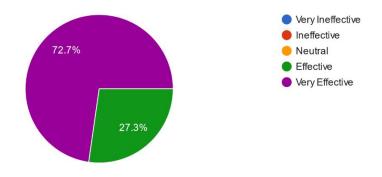
How well did the visit meet your expectations? 11 responses



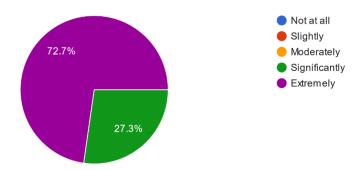
How would you rate the quality of the presentations or demonstrations provided by the TKAP staff? 11 responses



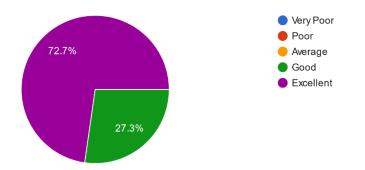
How effective was the Q&A session in addressing your queries? 11 responses



To what extent did the visit enhance your understanding of automotive manufacturing processes? <sup>11 responses</sup>

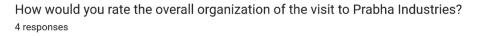


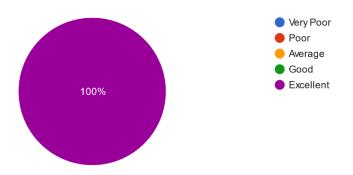
How would you rate the logistical arrangements (e.g., transportation, scheduling)? <sup>11 responses</sup>



| Name of the<br>Participant | Company/<br>organization | How would<br>you rate the<br>overall<br>organization<br>of the visit to<br>Prabha<br>Industries? | Was the<br>information<br>provided<br>during the<br>visit<br>relevant to<br>your<br>professional<br>interests and<br>academic<br>goals? | How<br>informative<br>did you find<br>the<br>demonstration<br>on Die Design<br>and Stamping<br>Simulation? | How<br>interactive<br>was the<br>session?<br>Were you<br>able to<br>engage and<br>ask<br>questions<br>effectively? | How would you<br>rate the<br>logistical<br>arrangements<br>such as<br>transportation,<br>timing, and the<br>schedule of the<br>visit? | Was<br>sufficient<br>time<br>allotted<br>for each | What was the highlight of<br>the visit for you?   | Please provide any<br>suggestions on how we can<br>improve future industrial<br>visits. |
|----------------------------|--------------------------|--|---|--|--|---|---|---|---|
| Gurumurthy<br>M            | JIT                      | Excellent  | Extremely<br>Relevant   | Extremely<br>Informative   | Extremely<br>Interactive   | Excellent   | Just about<br>right                               | Each and everything   | It's fine   |
| Dr. Younus<br>Pasha        | НКВК                     | Excellent  | Extremely<br>Relevant   | Very<br>Informative  | Very<br>Interactive  | Excellent   | Just about<br>right                               | Great Hospitality and<br>systematic execution of<br>program                             | By covering other<br>technological trends , such as<br>AC, product industries etc       |
| Mahesha C K                | CIT, Mandya              | Excellent  | Very<br>Relevant  | Extremely<br>Informative   | Very<br>Interactive  | Excellent   | Just about<br>right                               | Scheduling of Short visit and<br>Long visit to working areas<br>of the Prabha industry. |   |
| Dr. Ramesh N               | Atria IT                 | Excellent  | Very<br>Relevant  | Extremely<br>Informative   | Extremely<br>Interactive   | Excellent   | Just about<br>right                               | DievDesign & Stamping   | Excellent. Thank you all  |

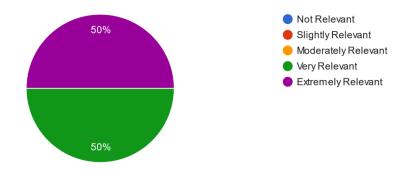
### Day 2: Prabha Industries (14/5/2024)



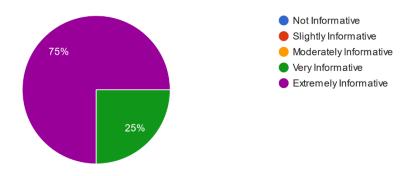


Was the information provided during the visit relevant to your professional interests and academic goals?

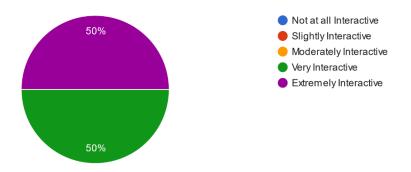




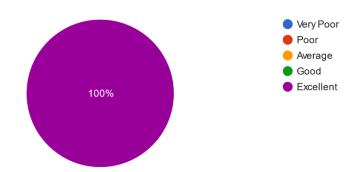
How informative did you find the demonstration on Die Design and Stamping Simulation? <sup>4</sup> responses



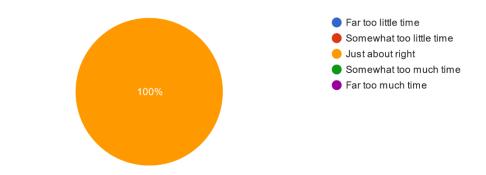
How interactive was the session? Were you able to engage and ask questions effectively? 4 responses



How would you rate the logistical arrangements such as transportation, timing, and the schedule of the visit? 4 responses



Was sufficient time allotted for each part of the tour? 4 responses

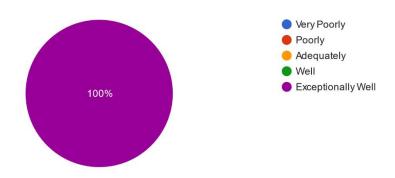


| Name of the<br>Participant | Compan<br>y/Organ<br>ization | How<br>efficiently<br>was the visit<br>to Toyota<br>Kirloskar<br>Motors<br>organized? | To what<br>extent did<br>the visit<br>align with<br>Toyota's<br>philosophy<br>of<br>continuous<br>improveme<br>nt (Kaizen)? | How<br>effective<br>were the<br>presentation<br>s in<br>enhancing<br>your<br>understandi<br>ng of<br>Toyota's<br>quality and<br>service<br>standards? | Did the visit<br>provide<br>insight into<br>Toyota's<br>approach<br>towards<br>internation<br>al<br>standards<br>and local<br>sensitivities<br>? | How well<br>was Toyota's<br>commitment<br>to<br>sustainabilit<br>y and hybrid<br>technology<br>demonstrate<br>d during the<br>visit? | Evaluate the<br>effectiveness<br>of the<br>discussions<br>on<br>community<br>development<br>and<br>environment<br>al initiatives. | How did<br>the visit<br>reflect<br>Toyota's<br>priority of<br>putting<br>customers<br>first? | Rate the<br>opportuniti<br>es provided<br>for<br>interactive<br>engagement<br>and<br>networking<br>during the<br>visit. | How<br>would you<br>rate the<br>logistical<br>arrangem<br>ents for<br>the visit<br>(e.g.,<br>transporta<br>tion,<br>schedule)? | What aspect<br>of the visit<br>impressed<br>you the most<br>and why?   | What improvements<br>or additional topics<br>would you suggest for<br>future visits?  |
|----------------------------|------------------------------|---|---|---|--|--|---|--|---|--|--|---|
| Dr.Srinivasa Chari V       | Atria IT                     | Exceptionally<br>Well   | Completely  | Extremely<br>Effective  | Completely   | Exceptionally<br>Well  | Very Effective  | Completely<br>Reflected  | Excellent   | Good   | Planning and<br>execution of<br>the day<br>program   | Nil   |
| Dr. Kiran Kumar N          | Vemana<br>IT                 | Exceptionally<br>Well   | Completely  | Extremely<br>Effective  | Completely   | Exceptionally<br>Well  | Somewhat<br>Effective   | Very Much<br>Reflected   | Excellent   | Excellent  | Japanese<br>culture  | Many FDP as such  |
| Mahesha C K                | CIT,<br>Mandya               | Exceptionally<br>Well   | Completely  | Extremely<br>Effective  | Completely   | Exceptionally<br>Well  | Very Effective  | Completely<br>Reflected  | Excellent   | Excellent  | TTTI,<br>Gurukul,shop<br>floor,Skill<br>development<br>centre because<br>of the process<br>of assembly of<br>car parts to<br>yield the final<br>product and<br>practice and<br>implementatio<br>n of safety<br>culture in all<br>blocks or<br>modules of<br>TKM. | The bunch of innovative<br>ideas for establishing an<br>efficient interface between<br>the industry and<br>colleges/University in<br>context of preparing the<br>young students to the<br>industries/companies. |
| Vijaya kumar m n           | RVCE                         | Exceptionally<br>Well   | Completely  | Extremely<br>Effective  | Completely   | Exceptionally<br>Well  | Very Effective  | Completely<br>Reflected  | Excellent   | Excellent  | Safety   | No  |

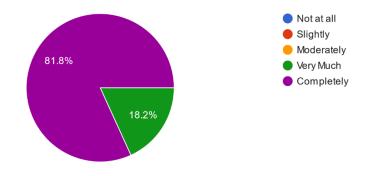
#### Day 3: Toyota Kirloskar Motors (15/5/2024)

| Dr Nagarajan G   | RRCE                         | Exceptionally<br>Well | Completely | Extremely<br>Effective | Completely | Exceptionally<br>Well | Very Effective | Completely<br>Reflected | Excellent | Excellent | magnificent   | New People Management<br>& employee satisfaction<br>using Artificial<br>intelligence<br>Balance Score card          |
|------------------|------------------------------|-----------------------|------------|------------------------|------------|-----------------------|----------------|-------------------------|-----------|-----------|---|---|
| S.B. Kalatage    | Srushti<br>Degree<br>college | Exceptionally<br>Well | Very Much  | Extremely<br>Effective | Completely | Well                  | Very Effective | Completely<br>Reflected | Excellent | Excellent | TTTI<br>Initiatives<br>from world<br>class training<br>to WC<br>manufacturing<br>, I am sure it is<br>contributing to<br>highest level<br>of customer<br>satisfaction | Engagement with the<br>Colleges professors must<br>be atleast once in six<br>months for mutual<br>knowledge sharing |
| AKASH DEEP B N   | KSSEM                        | Exceptionally<br>Well | Completely | Extremely<br>Effective | Very Much  | Well                  | Very Effective | Very Much<br>Reflected  | Excellent | Excellent | Effective interactions  | About utilizing the process of a product  |
| Gurumurthy M     | JIT                          | Exceptionally<br>Well | Completely | Extremely<br>Effective | Completely | Exceptionally<br>Well | Very Effective | Completely<br>Reflected | Excellent | Excellent | Quality must,<br>safety first   | All are fine  |
| MOHAN KUMAR G    | BIT                          | Exceptionally<br>Well | Very Much  | Extremely<br>Effective | Completely | Exceptionally<br>Well | Very Effective | Completely<br>Reflected | Excellent | Excellent | Safety<br>precautions<br>are very good<br>and production<br>system is also<br>good  | Everything is good and no<br>need of suggestions I<br>guess   |
| Dr. Ramesh N     | Atria IT                     | Exceptionally<br>Well | Completely | Extremely<br>Effective | Completely | Exceptionally<br>Well | Very Effective | Completely<br>Reflected | Excellent | Excellent | Production<br>process in the<br>plant   | Automation & Robotics   |
| Dr. Younus Pasha | НКВК                         | Exceptionally<br>Well | Completely | Extremely<br>Effective | Completely | Exceptionally<br>Well | Very Effective | Completely<br>Reflected | Excellent | Excellent | Company's<br>standards and<br>culture of TPS  | -   |

How efficiently was the visit to Toyota Kirloskar Motors organized? 11 responses

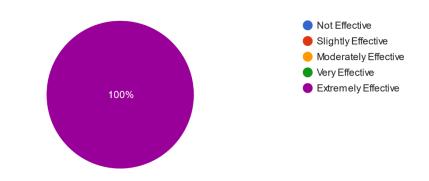


To what extent did the visit align with Toyota's philosophy of continuous improvement (Kaizen)? 11 responses



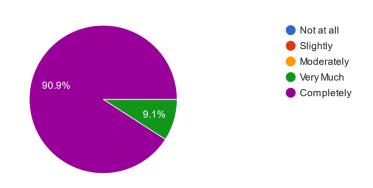
How effective were the presentations in enhancing your understanding of Toyota's quality and service standards?

11 responses



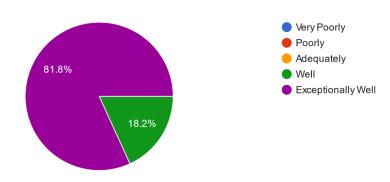
Did the visit provide insight into Toyota's approach towards international standards and local sensitivities?

11 responses



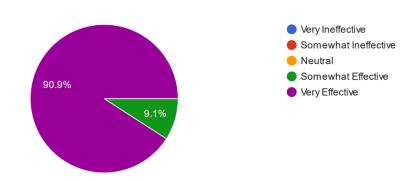
How well was Toyota's commitment to sustainability and hybrid technology demonstrated during the visit?

11 responses



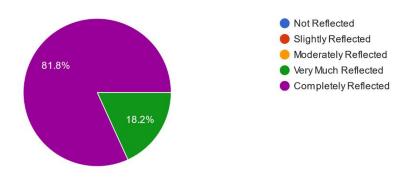
Evaluate the effectiveness of the discussions on community development and environmental initiatives.

11 responses

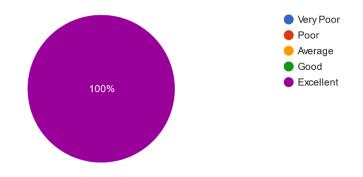


How did the visit reflect Toyota's priority of putting customers first?

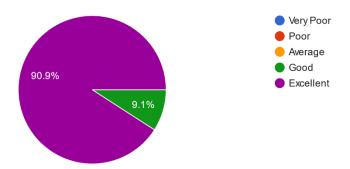




Rate the opportunities provided for interactive engagement and networking during the visit. 11 responses



How would you rate the logistical arrangements for the visit (e.g., transportation, schedule)? 11 responses



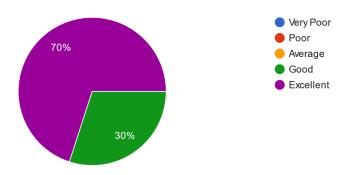
| Name of the<br>Participant |             | How would<br>you rate the<br>overall<br>organization<br>and planning<br>of the visit to<br>Sansera<br>Engineering? | Did the visit<br>meet your<br>expectations<br>in terms of<br>educational<br>value and<br>relevance to<br>your<br>academic<br>interests? | values and<br>business | provided         | How well did<br>the visit<br>showcase<br>Sansera's<br>manufacturing<br>processes and<br>precision<br>engineering<br>components? | Rate the<br>opportunity<br>for<br>interactive<br>engagement<br>with<br>Sansera's<br>professionals<br>during the<br>visit. | To what<br>extent did the<br>visit enhance<br>your<br>understanding<br>of the non-<br>automotive<br>sector's<br>engineering<br>needs? | How would you<br>rate the<br>logistical<br>arrangements<br>(transportation,<br>scheduling,<br>safety<br>measures)? | What was the<br>most<br>insightful<br>part of the<br>visit?  | What<br>improvements<br>or additional<br>areas of focus<br>would you<br>suggest for<br>future visits?  |
|----------------------------|-------------|--|---|------------------------|------------------|---|---|---|--|--|--|
| Dr Kiran<br>Kumar N        | Vemana IT   | Excellent  | Fully   | Very<br>Effectively    | Very<br>Detailed | Exceptionally<br>Well   | Excellent   | Extremely   | Excellent  | Getting into<br>the detailed<br>explanation in<br>a simple<br>manner   | Keep doing<br>such visits  |
| MAHESHA<br>C K             | CIT, Mandya | Excellent  | Fully   | Very<br>Effectively    | Very<br>Detailed | Exceptionally<br>Well   | Excellent   | Extremely   | Excellent  | Operational<br>methodologies<br>of<br>Robots,human<br>resources and<br>hospitality of<br>the training<br>and<br>organizing<br>committee of<br>today's visit. | <ol> <li>Company<br/>contributions<br/>in the benefit<br/>of engineering<br/>and diploma<br/>students of<br/>various<br/>universities<br/>about their<br/>industrial visit<br/>or exposure<br/>and internships<br/>etc</li> <li>Programmes<br/>for creating<br/>awareness for<br/>the pre<br/>engineering<br/>students.</li> </ol> |

#### Day 4: Sansera Engineering Pvt Ltd (16/5/2024)

| Mohan<br>Kumar G | BIT                | Excellent | Fully  | Very<br>Effectively | Very<br>Detailed | Exceptionally<br>Well | Excellent | Extremely     | Excellent | automation<br>and forging   | Every thing is<br>good and I<br>think no need<br>of suggestions  |
|------------------|--------------------|-----------|--------|---------------------|------------------|-----------------------|-----------|---------------|-----------|---|--|
| Dr. Ramesh<br>N  | Atria IT           | Excellent | Fully  | Very<br>Effectively | Very<br>Detailed | Exceptionally<br>Well | Excellent | Extremely     | Excellent | Forging,<br>Machine fine<br>tuning & joint<br>Rods<br>production  | Well planned.<br>Similar trip for<br>ECE faculty<br>also if it would<br>arranged, very<br>much useful<br>for ECE<br>faculty in<br>coming days.<br>Thank you all. |
| S.B.Kalatage     | Srushti<br>College | Excellent | Mostly | Effectively         | Adequate         | Very Well             | Good      | Significantly | Good      | Entire Sansera<br>team was so<br>helpful and<br>cooperative in<br>sharing all the<br>support and<br>information<br>whether it was<br>planned or<br>unplanned.<br>Specially<br>Shop floors<br>All the<br>supervisors<br>and Quality<br>Manager<br>Dileep Kumar<br>explained the<br>each n every<br>aspect what<br>was<br>happening in<br>shop floor,<br>Safety and | Such<br>engagements<br>with non<br>technical<br>faculty also<br>may be<br>planned for<br>future visits.  |

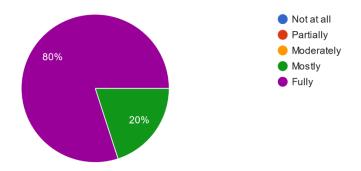
|                         |          |           |        |                     |                  |                       |           |               |           | Complinace<br>Engineer<br>Sunil Bhovi<br>their he too<br>was very<br>helpful and |                     |
|-------------------------|----------|-----------|--------|---------------------|------------------|-----------------------|-----------|---------------|-----------|--|---------------------|
|                         |          |           |        |                     |                  |                       |           |               |           | ready with full<br>assisted with<br>full<br>enthusiasm.                          |                     |
| Dr. Younus<br>Pasha     | НКВК     | Excellent | Fully  | Very<br>Effectively | Very<br>Detailed | Exceptionally<br>Well | Excellent | Extremely     | Excellent | Well<br>established<br>setup in every<br>line of<br>industry                     | -                   |
| AKASH<br>DEEP B N       | KSSEM    | Good      | Mostly | Effectively         | Detailed         | Very Well             | Good      | Significantly | Good      | Plant visit  | More plant<br>visit |
| Dr.Srinivasa<br>Chari V | Atria IT | Good      | Fully  | Effectively         | Detailed         | Very Well             | Good      | Significantly | Good      |  |                     |
| Dr<br>Nagarajan G       | RRCE     | Good      | Fully  | Very<br>Effectively | Very<br>Detailed | Exceptionally<br>Well | Excellent | Extremely     | Excellent | Forging  | Good                |
| Naveen S S              | BGSIT    | Excellent | Fully  | Very<br>Effectively | Very<br>Detailed | Exceptionally<br>Well | Excellent | Extremely     | Excellent | Interaction<br>with Employee   |                     |

How would you rate the overall organization and planning of the visit to Sansera Engineering? 10 responses

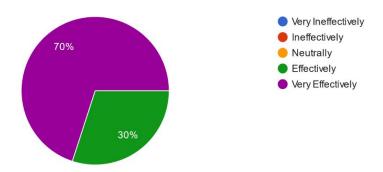


Did the visit meet your expectations in terms of educational value and relevance to your academic interests?

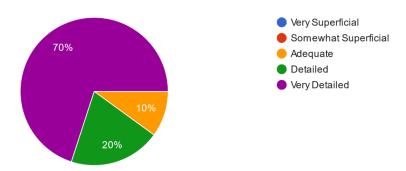




How effectively were Sansera's core values and business model communicated during the visit? <sup>10 responses</sup>

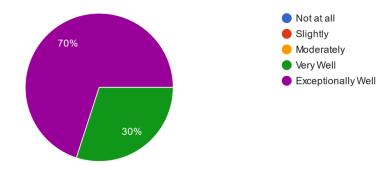


Evaluate the depth of information provided about their engineering and design capabilities. 10 responses

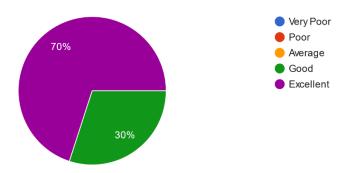


How well did the visit showcase Sansera's manufacturing processes and precision engineering components?

10 responses

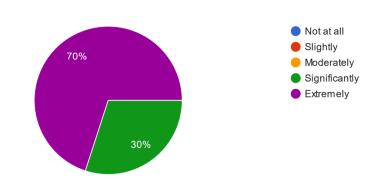


Rate the opportunity for interactive engagement with Sansera's professionals during the visit. <sup>10 responses</sup>

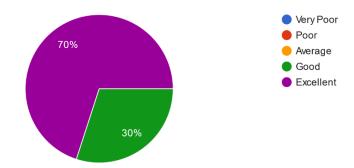


To what extent did the visit enhance your understanding of the non-automotive sector's engineering needs?

10 responses



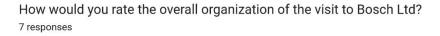
How would you rate the logistical arrangements (transportation, scheduling, safety measures)? <sup>10 responses</sup>

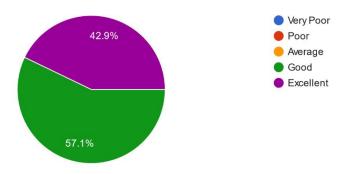


| Name of the<br>Participant | Company/Org<br>anization | How<br>would you<br>rate the<br>overall<br>organizati<br>on of the<br>visit to<br>Bosch<br>Ltd? | How<br>effective<br>was the<br>initial<br>safety<br>briefing<br>provide<br>d at the<br>beginnin<br>g of the<br>visit? | Were the<br>safety<br>measures<br>and<br>protocols at<br>the plant<br>clearly<br>communicat<br>ed and<br>followed? | Was<br>appropri<br>ate PPE<br>provided<br>and were<br>you<br>instructe<br>d on its<br>correct<br>use? | How well-<br>prepared<br>did you<br>feel the<br>plant was<br>for<br>handling<br>emergenci<br>es (fire,<br>medical,<br>etc.)? | How would<br>you rate the<br>interaction<br>and<br>communicati<br>on with the<br>plant staff? | Did you<br>observe a<br>safety<br>among<br>the<br>employee<br>s at the<br>plant? | How would<br>you rate<br>the<br>effectivene<br>ss of the<br>safety<br>training<br>and<br>awareness<br>programs<br>at the<br>plant? | How would<br>you rate the<br>logistical<br>arrangemen<br>ts including<br>transportati<br>on,<br>scheduling,<br>and safety<br>measures? | Was the<br>duration<br>of the<br>visit<br>appropri<br>ate for<br>covering<br>all topics<br>of<br>interest? | How<br>relevant<br>and<br>informati<br>ve did you<br>find the<br>visit<br>regarding<br>industrial<br>safety<br>best<br>practices? | What<br>aspect of<br>Bosch's<br>operations<br>impressed<br>you the<br>most<br>during the<br>visit?           | What<br>improvemen<br>ts or<br>additional<br>content<br>would you<br>suggest for<br>future visits<br>to Bosch<br>Ltd?                           |
|----------------------------|--------------------------|---|---|--|---|--|---|--|--|--|--|---|--|---|
| S B Kalatage               | Srushti College          | Excellent   | Excellen<br>t   | Yes  | No  | Very Good  | Very Good   | Yes  | Excellent  | Average  | Far too<br>short   | Extremely<br>relevant   | Friendlines<br>s of all<br>officials<br>and<br>hospitality,<br>thorough<br>knowledge<br>safety<br>protocols. | Shop visits ,<br>Business<br>Process and<br>practices,<br>Training and<br>development<br>of employees<br>both at<br>technical and<br>commercial |
| Dr. Ramesh N               | Atria IT                 | Excellent   | Excellen<br>t   | Yes  | Yes   | Excellent  | Excellent   | Yes  | Excellent  | Excellent  | Just right   | Extremely<br>relevant   | Fire<br>systems &<br>Machines<br>automation  | 1. Production<br>Visit. 2.<br>Kindly plan<br>for industry<br>visit in ECE<br>related<br>companies.<br>Thank you<br>all                          |
| Dr.Srinivasa<br>Chari V    | Atria IT                 | Good  | Good  | Yes  | Yes   | Good   | Good  | Yes  | Good   | Good   | Just right   | Very<br>relevant  |  |   |
| Dr kiran kumar<br>N        | Vemana IT                | Good  | Good  | Yes  | Yes   | Excellent  | Excellent   | Yes  | Excellent  | Good   | Slightly<br>long   | Very<br>relevant  | Inhouse<br>technology  | Shop floor<br>visit   |

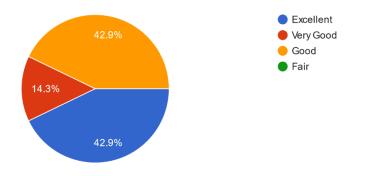
Day 5: Bosch Engineering (17/5/2024)

| Dr Nagarajan G      | RRCE | Good      | Very<br>Good  | Yes | Yes | Excellent | Very Good | Yes | Very Good | Good      | Slightly<br>short | Extremely relevant    | Quality &<br>Maintenanc<br>e                        | Plant shop<br>floor,<br>Machine<br>shop  |
|---------------------|------|-----------|---------------|-----|-----|-----------|-----------|-----|-----------|-----------|-------------------|-----------------------|---|--|
| Gurumurthy M        | JIT  | Good      | Good          | Yes | No  | Very Good | Very Good | Yes | Excellent | Good      | Slightly<br>short | Very<br>relevant      | Yes   | As we came<br>from<br>different<br>places to the<br>plant.<br>Company<br>should more<br>focus on<br>practical<br>exposure<br>rather than<br>presenting a<br>presentation .<br>Which can<br>be done in<br>our college-<br>premises,<br>company<br>visit is not<br>required<br>though. |
| Dr. Younus<br>Pasha | нквк | Excellent | Excellen<br>t | Yes | Yes | Excellent | Excellent | Yes | Excellent | Excellent | Just right        | Extremely<br>relevant | Fire safety<br>and<br>chemical<br>safety<br>aspects | -  |

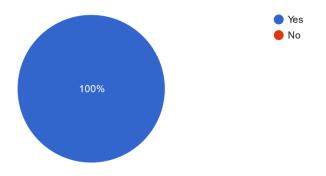




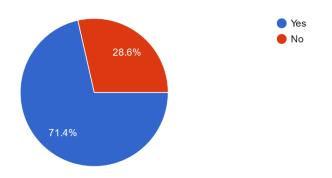
How effective was the initial safety briefing provided at the beginning of the visit?  $^{\rm 7\,responses}$ 



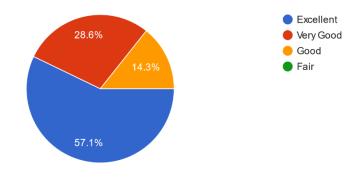
Were the safety measures and protocols at the plant clearly communicated and followed? 7 responses



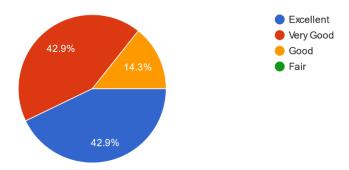
Was appropriate PPE provided and were you instructed on its correct use? 7 responses



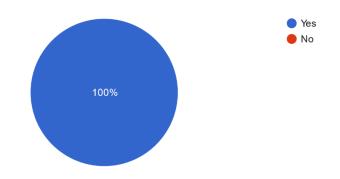
How well-prepared did you feel the plant was for handling emergencies (fire, medical, etc.)? 7 responses



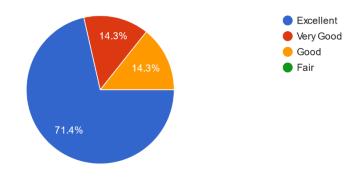
How would you rate the interaction and communication with the plant staff?  $^{\rm 7\,responses}$ 



Did you observe a safety among the employees at the plant? 7 responses

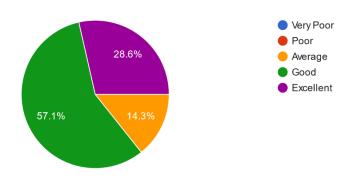


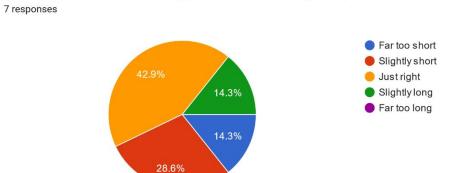
How would you rate the effectiveness of the safety training and awareness programs at the plant? 7 responses



How would you rate the logistical arrangements including transportation, scheduling, and safety measures?

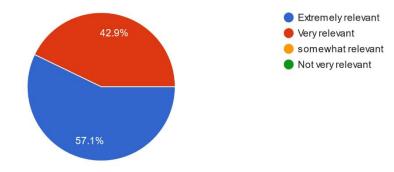
7 responses





Was the duration of the visit appropriate for covering all topics of interest?

How relevant and informative did you find the visit regarding industrial safety best practices? 7 responses







# CERTIFICATE

Kammavari Sangham

**K S INSTITUTE OF TECHNOLOGY** 

## ANILKUMAR A from K S Institute of Technology

This certificate is given to acknowledge your active participation in 5 Days Faculty Development Program on "Best Practices in Industrial Safety" held at Toyota Kirloskar Auto Parts Pvt. Ltd, Toyota Kirloskar Motor Pvt. Ltd, Sansera Engineering Ltd, Prabha Industries, Bosch Ltd. Organized by Department of Mechanical Engineering, KSIT in association with K S Research & Innovation Foundation from 13th - 17th May 2024.

KSRIF

Dr. GIRISH T R Associate Professor and HEAD - ME, KSIT

Dr. DILIP KUMAR K

Principal / Director KSIT

Dr. K V A BALAJI Dr. D R SWAMY CEO **Executive Director** KSGI

NARAYANAPPA Deputy Director of Factories, GOK