

List of Events for the year 2016-17

Sl no	Date	Event	Topic	Resource person
1.	28 th April -2017	Technical Talks	Latest trends in Industrial Metrology & Applications	Mr. Prabhakar Kikkeri Retrofits & Automation solutions, Industrial Metrology Division, Carl Zeiss India (Bangalore) Pvt. Ltd., ZEISS Group
2.	26 th April -2017	Technical Talks	There is an Entrepreneur in you	Mr. Donson COO & Customer Relations Manager, Blackfrog Technologies
3.	10 th April -2017	Technical Talks	Destructive and Non Destructive Testing methods	Mr. Sudarshan Patwardhan Proprietor Shree Associates
4.	27 th March -2017	Technical Talks	Engineering Dreams	Mr. AshwinBalram Alumni-MITE, Autoliv, R&D Engineer
5.	16 th March -2017	Technical Talks	Clean Energy & Renewable Energy and related Technology to prevent climate change	Dr. Torii , Professor, Kumamoto University, Japan
6.	08 th March 2017	Technical Talks	Industrial Automation and Advances in Technology	Mr. SagarChakraborty Technical Alliance Manager, Technologies Global Pvt. Ltd.
7.	18 th February -2017	Technical Talks	Supply Chain Management	Mr. Dutta Kumar , Head STEP, SJCE, Mysore
8.	25 th January -2017	Technical Talks	Automotive trends and Global Opportunities in the Future	Mr. Ravi Phadke, Global Head of Electronics Operation, Johnson Electronics, Hong Kong
9.	11th November - 2016.	Technical Talks	Session 1: Material Technology, Session 2: Energy Engineering	Mr. A.S Singhal, Educational Consultant.

10.	19 th September - 2016	Technical Talks	Industrial Expectation from Graduate Engineers	Dr. N.S Mahesh ,Head- Manufacturing Verticals- Austix Learning, Bangalore
11.	27 th August -2016	Technical Talks	Rotating Machines	Mr. Deepak Prabhakar, Deputy General Manager (Projects), MRPL, Mangalore
12.	20th August -2016	Technical Talks	Outcome-Based Education in line with NBA process	Prof. Sreeranga Bhat Professor, SJEC Mangalore
13.	20 th August -2016	Technical Talks	Theory and Applications	Dr. S M MURIGENDRAPPA,Asst Professor, Department of Mechanical Engineering, NITK, Surathkal
14.	24-25 October 2016	Workshops	Basics of vibration and condition Monitoring	Mr. Madhusudhan , Vibration Analyst, Diagnostic Engineer, Bangalore
15.	20-21 September 2016	Workshops	Two day six sigma Yellow belt certification	Prof. Mohammad T Khasawneh Professor and Department Chair, Department of system science & Industrial Engineering, Thomas J Watson School of Engg. & Applied Science, University of New York

Technical Talks

Title: Latest trends in Industrial Metrology & Applications

Resource Person: Mr. Prabhakar Kikkeri

Retrofits & Automation solutions, Industrial Metrology Division, Carl Zeiss India (Bangalore) Pvt. Ltd., ZEISS Group

Date: 28th April -2017

Target Audience: 3rd-year students

Mr. Prabhakar Kikkeri, initially briefed us about Zeiss company through a short video and various processes carried out in the company. He later explained the basics of metrology through examples and also conducted quiz sessions to get the students actively involved in the session. He also enlightened the students about the various measurement standards that are practiced in the industry. Finally, he guided the students on how to start a career in the field of metrology and measurements.



Title: There is an Entrepreneur in you

Resource Person: Mr. Donson

COO & Customer Relations Manager, Blackfrog Technologies

Date: 26th April -2017

Target Audience: 4th -Year students.

Mr. Donson, began the talk with a case study of his own company. He told the students the various issues that were involved in starting the company. He briefed the students about the marketing survey and financial aspects that were to be taken care of when starting a new firm. He then discussed patenting and its importance.



Title: Destructive and Non Destructive Testing methods

Resource Person: Mr. Sudarshan Patwardhan

Proprietor Shree Associates

Date: 10th April -2017

Target Audience: 3rd-year students.

Mr. Sudarshan Patwardhan,. began with various types of destructive testings conducted in the industry. He explained the different types of hardness tests and stressed each one of their significance. He later explained the different Non Destructive techniques and specifically stressed Ultrasonic Testing. The topic was beneficial for the student to study the course Material Science and Metallurgy and Mechanics of Materials, understand the topics on Different types of Hardness tests and also their applications. He also enlightened students regarding courses on NDT and its importance.



Title: Engineering Dreams

Resource Person:Mr. AshwinBalram

Alumni-MITE, Autoliv, R&D Engineer

Date: 27th March -2017

Audience: 3rd year students

Mr. Ashwin began with an interaction with the students to get to know about the dreams of the students after the completion of engineering. He then shared his experience as a student and motivated the students to take part in extra-curricular activities. He also stressed on the importance of academics in facing interviews. He then gave examples of people who are successful in their lives due to hard work and enlightened the students about the value of hard work and persistence.



Title: Clean Energy & Renewable Energy and related Technology to prevent climate change

Resource Person: Dr. Torii ,

Professor, Kumamoto University, Japan

Date: 16th March -2017

Target Audience: 2nd year students.

Dr. Torii has initially briefed us about Kumamoto University, Japan and the practices followed there. He explained the topics regarding Global Warming and Green House Effects and motivated the audience on the usage of waste materials for energy production. He explained the benefits of Bio Fuels and also gave us some research examples. The topic was beneficial for the student to study different courses in Mechanical Engineering, understand the need for clean energy and know the importance of renewable energy sources



Title: Industrial Automation and Advances in Technology

Resource Person: Mr. SagarChakraborty

Technical Alliance Manager, Technologies Global Pvt. Ltd.

Date: 08th March 2017

Target Audience: 4th Year students

Mr. SagarChakraborty, Has explained the various aspects of Industrial Automation. He explained the topics by giving real-time examples. The topic was beneficial for the student to study the course Control Engineering & Computer Integrated Manufacturing, understand the topics on Different types of controllers, and know its practical applications. He also covered topics related to BMS. The speaker briefed about the SCADA Application and also drew the Ladder Diagram for PLCs.



Title: Supply Chain Management

Resource Person:- Mr. Dutta Kumar ,

Head STEP, SJCE, Mysore

Date: 18th February -2017

Target Audience: 3rd year Students

Mr. Dutta Kumar has explained the various aspects of Operations Management. He explained the topics giving examples of his experience in different industries. The topic was beneficial for the student to study the course Operations Management, understand the topics on purchasing, supply and know its practical applications.



Title: Automotive trends and Global Opportunities in the Future

Resource Person: Mr. Ravi Phadke,

Global Head of Electronics Operation, Johnson Electronics, Hong Kong

Date: 25th January -2017

Target Audience: -Mechanical Engineering Students

Mr. Ravi Phadke, explained the various trends in the automobile sector. He explained the topics giving examples from his experience at Johnson Electronics. The topic was beneficial for the student to study different courses in Mechanical Engineering, understand the global trends, and know the practical applications of Mechatronics in Automobiles.



Title: Session 1: Material Technology, Session 2: Energy Engineering

Resource Person: Mr. A.S Singhal,

Educational Consultant.

Date: 11th November -2016.

Target Audience: 2nd and 3rd year students.

Mr. A.S Singhal, explained the importance of Material Technology in design. He explained the topic by giving examples from his practical experience. The topic was very much beneficial for the student to study the course Material Science and Metallurgy and also know its practical applications. During the second session, he stressed intelligent Energy Systems to solve the energy crisis that the world is currently facing. The topic was very much beneficial for the student to study the course Energy Engineering and know its practical applications.



Title: Industrial Expectation from Graduate Engineers

Resource Person: Dr. N.S Mahesh,

Head-Manufacturing Verticals-Austix Learning, Bangalore

Date: 19th September -2016

Target Audience Mechanical Engineering Students

Dr. N S Mahesh, Head-Manufacturing Verticals-Austix Learning, Bangalore was given a talk about Expectation of industry about the student.he discussed about various factor to be prepared for the industry ready. He guided the student for the Industry Ready



Title: Rotating Machines

Resource Person: Mr. Deepak Prabhakar,

Deputy General Manager (Projects), MRPL, Mangalore

Date: 27th August -2016

Target Audience: 3rd-year students.

Mr. Deepak Prabhakar explained the importance of rotating machines and described the various modes of failures for rotating machines. He explained the topics giving examples of his practical experiences at MRPL. The topic was very much beneficial for the student to study the course Dynamics of Machines and know its practical applications. He also clarified the doubts raised by the students, by having an interactive session.

Title: Outcome-Based Education in line with NBA process

Resource Person: Prof. Sreeranga Bhat Professor,

SJEC Mangalore

Date: 20th August -2016

Target Audience: Faculties of Mechanical Engineering

The resource person was Prof. Sreeranga Bhat,, provided information on the NBA accreditation process. The relevance of CO's, their framing, and mapping with the PO's were presented by Prof. Bhat. The details on various criteria of NBA were discussed during the presentation.



Title: Vibration- Theory and Applications

Resource Person: Dr. S M MURIGENDRAPPA,

Asst Professor, Department of Mechanical Engineering, NITK, Surathkal

Date: 20th August -2016

Target Audience: 4th-year students

Dr.S M MURIGENDRAPPA, explained the basics of vibration and provided details about its modes. Videos illustrating the concept of vibration were presented for the benefit of the audience. Explanations concerning the control of vibration forces and methods available to dampen vibration frequencies were provided. This was followed by an interactive session between the students and the guest which aided in clarification of queries raised

Workshops

Title: Basics of vibration and condition Monitoring

Resource Person: - Mr. Madhusudhan ,

Vibration Analyst, Diagnostic Engineer, Bangalore

Date: 24-25 October 2016

Target Audience: 4th-year students

Mr. Madhusudhan, is an expert in the field of vibration analysis commenced the workshop with a brainstorming session. The questions directed to the students were related to analysis and provoked their thought on the cause and effects of vibration. The afternoon session explained the analysis of vibration.

Title: Two day six sigma Yellow belt certification

Resource Person: - Prof. Mohammad T Khasawneh

Professor and Department Chair, Department of system science & Industrial Engineering, Thomas J Watson School of Engg. & Applied Science, University of New York

Date: - 20-21 September 2016

Target Audience: 4th-year students

Prof. Mohammad T Khasawneh professor and Department Chair, Department of system science & Industrial Engineering, Thomas J Watson School of Engg. & Applied Science, University of New York conducted six sigma yellow belt certification program for the students of 4th year.

