LIST OF EVENTS 2016-17 & 2017-18

S.No	Event Name	Date
1.	SAE VBIT Orientation Programme	17th January, 2017
2.	Workshop on Industrial Tribology and Mechanical Vibrations	7th January, 2017
3.	BAJA SAE VBIT Virtual Phase	14th & 15th uly,2017
4.	ANVESHAK- Motor Bike Assembly and Disassembly	27th & 28th October,2017

SAE VBIT ORIENTATION PROGRAMME

17th Janaury, 2017

The Orientation Programme of SAEINDIA was conducted on 17th January 2017, by The Society of automotive engineers, SAE VBIT SB.The programme was aimed to introduce the working and activities of SAEINDIA to the newly formed SAE VBIT SB (student's branch) and its members.

The Orientation brought out the conceptual idea of SAE and their Major events namely SUPRA, BAJA and EFFI CYCLE.

A detailed presentation was given about the events.

The programme overall has motivated the SAE VBIT SB as well as its members to think outside the box and work diligently and professionally to achieve the same.

The resourced persons who delivered the sessions were ;

1. Dr.G.Padmanabham
   Director, International Advanced Research Center for Powder Mettalurgy& New Materials (ARCI) ,Hyderabad.
2. Dr.GururajTelasang
   Researcher at Metallurgical and Materials Engineering Department
   Ph.D. (2014)
3. Mrs. AnithaVerma
   Has 16 years of industry experience in Product Design, Analysis, Development and Testing of Diesel and CNG engines.Worked for companies like Cummins(Pune) and BHEL Hyderabad.
   Currently working for Cyient Engineering Services

   Local technical inspector for SAE SUPRA and BAJA since 2011

1-DAY WORKSHOP ON INDUSTRIAL TRIBOLOGY AND VIBRATIONS

7th January, 2017

The One Day National Workshop on Industrial Tribology And Vibrations was conducted on 7th January 2017, by the Department of Mechanical Engineering in association with The Society of Automotive Engineers, SAE VBIT SB.The workshop was aimed at learning and exchanging the experiences of practical aspects of the specialized field of tribology which is related to wear, friction, lubricants, bearings, seals, etc.

The workshop brought out the concepts of inter related field of vibration with tribology, particularly in large rotating electrical machines. It also discussed about the computer aided design of hydrodynamic bearings, both thrust and journal bearings including case studies and failure problems.

The resourced persons who delivered the sessions were ;

1. Dr.T.G.Rajaswamy, M.Tech., Ph.D (IITM)
   Professor and head of the department of M.E. Worked on the design and development of hydrodynamic bearings in BHEL (R&D) for 25 years.
2. Dr.K.Dargaiah, M.Tech ., Ph.D(IITM)
   Worked in the design of journal bearings at BHEL (R&D)
3. Dr.S.Y.Veerabhadra Reddy, Ph.D., Scientist-e, Research Center Imarat (RCI), Hyderabad.

The workshop sessions included detailed lectures on

- Introduction to Tribology and Design of Tilting- Pad Thrust Bearings
- Design, Performance evaluation and Condition Monitoring of Rotors.
- Vibration Testing in Aerospace Applications


VBIT


VIGNANA BHARATHI
Institute of Technology
Dept. of Mechanical Engineering, VBIT, Aushapur
WELCOMES
Dr. DARGAIAH
Dr. VEERA BADRA REDDY
Sri. S.JANAKI RAM
One Day Workshop on
"Industrial Tribology and Vibrations"
on 7th January 2017

SAEVBIT BAJA 2017

About SAE BAJA: The BAJA SAE Series® is an event for the undergraduate engineering students, organized globally by the Society of Automotive Engineers, USA. The BAJA SAE tasks the students to design, fabricate and validate a single seater four - wheeled off road vehicle to take part in series of events spread over a course of 3 days that test the vehicle for the sound engineering practices that have gone into it, the agility of the vehicle in terms of gradability, speed, acceleration and manoeuvrability characteristics and finally its ability to endure that back breaking durability test.

Virtual Round Phase I

BAJA VBIT TEAM : Greasy Monsters

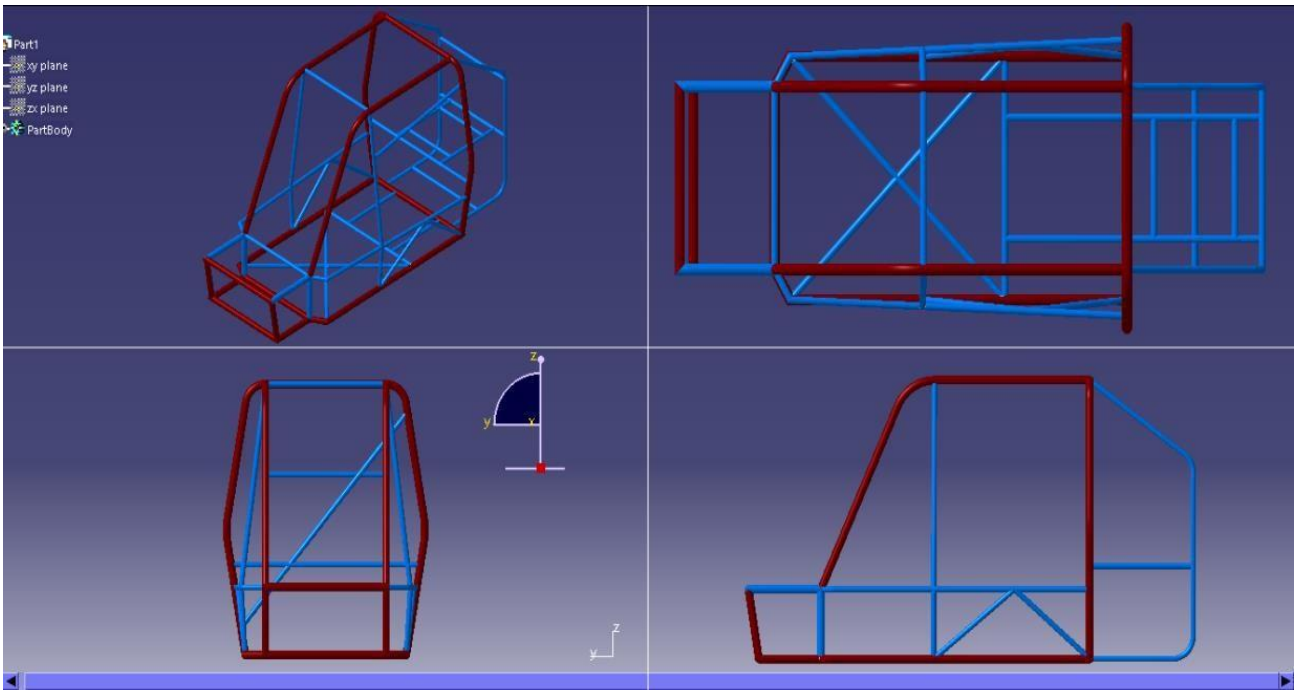
TEAM ID : 18193

Hosted by Chitkara University, Punjab on 14th- 15th July, 2017.

The Virtual BAJA SAEINDIA is a pre-qualifier, through which all the registered teams are scrutinized for their knowledge and capability to participate successfully in the main event. The objectives of the Virtual BAJA Event are as follows:

- To acquaint the teams completely with the objectives of the BAJA SAEINDIA event.
- The teams are required to familiarize themselves with the technical guidelines and limits for the design of BAJA vehicle.
- To design the complete CAD Model of the BAJA Vehicle. The design should be complete in all respects to the extent of being considered ready-to-manufacturing.

A team of 25 students were selected from the Department of Mechanical Engineering and 5 students have participated in the Virtual Round held at Chitkara University, Punjab, on 14th and 15th of July, 2017.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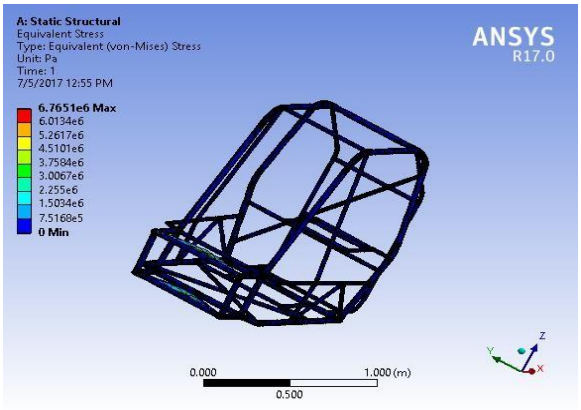
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ANVESHAK – MOTORBIKE ASSEMBLY AND DISASSEMBLY

27th & 28th October,2017

ANVESHAK is an initiative of the collegiate club of SAE INDIA in VBIT. It started off as to provide students with the practical knowledge to students by introducing them to real time scenarios and components of the field.

Hence, from this idea ANVESHAK was born and hence a platform was created where students can explore the practical aspects of the field in detail through HANDS ON WORKSHOPS through which a bridge would form between the Theoretical and Practical Aspects of engineering.

VAAHAN co., a firm which specializes in HANDS-ON workshops on various aspects of mechanical engineering was brought in and in collaboration, organized the Two Day Workshop on ASSEMBY AND DISSASSEMBLY OF MOTORBIKE.

The objectives of the workshop were to explain each of the components which make up the bike and all the mechanisms involved in a 2 wheeler motorbike.

Activity Session : The activity sessions were directed toward making the students more aware of the mechanical field and the real time general knowledge through means of quizzes and interactive rounds. There was an Amazing response from the participants and it was evident that each and every participant had a good time learning and exploring the mechanisms and components in the two day event.


VIGNANA BHARATHI
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SOCIETY OF AUTOMOTIVE ENGINEERS
VBIT - SB
PRESENTS
ANVESHAK
motorbike
ASSEMBLY &
DISASSEMBLY
IN
COLLABORATION
WITH
VAAHAN
27 - 28 OCTOBER '17


EXPLODED VIEW OF ENGINE