



# SAEINDIA JBIET COLLEGIATE CLUB

Department Of Mechanical Engineering

([www.saejbiet.blogspot.com](http://www.saejbiet.blogspot.com))

## Event Details

### Few of the important activities of SAE – JBIET:

Sl. No.	Activity	Number of students participated
1	SAE Student Convention 2009	
	TIRE 1 (club level)	7 competitions, more than 100 students
	TIRE 2 (Zonal level)	7 competitions, 19 students
	TIRE 3 (National level)	8 competitions, 8 students
2	VIRTUAL BAJA Design Contest	9 students –mechanical engg
3	SAE Factory Visit	2 visits and 22 students
4	SAE TOPTECH programmes	1 toptech and 3 students
5	SAE TREK programme	1 trek and 2 students
6	SAE COLT programme	1 colt and 2 students
7	SAE Workshops	3 workshops and 10 students
8	Programs attended in other collegiate clubs	6 events and 66 students
9	Student Convention 2010	
10	TIRE 1 (club level)	7 competitions, 108 students
	TIRE 2 (Zonal level)	7 competitions, 10students
	TIRE 3 (National level)	2 competitions, 8 students

11	BAJA SAEINDIA 2011, Pithampur	22 students
12	COLT Feb. 2010, AVIT Chennai	3 students
13	COLT Feb. 2011, Amrita School Of Engineering Coimbatore	2 Students
14	EFFI-CYCLE 2011,UIET Chandigarh	8 Students
15	BAJA SAEINDIA 2012, Pithampur	25 Students
16	Factory Visit 2012, ARCI	25 Students
17	SAE Career Stat (2 <sup>nd</sup> Phase) 2012,	25 Students
18	AUTO-TECH FEST (TOYOTA & BMW) 2012	200 Students
19	EFFI-CYCLE 2012,UIET Chandigarh	8 Students
20	BAJA VIRTUALS 2013,Bengaluru	5 Students
21	SAE TREK (Host)	40 Students
22	COLT -2013 ,Chennai	5 Students
23	Effi cycle Virtual's 2013 ,Bengaluru	4 Students
24	Baja Virtual's 2014 ,Chennai	4 Students
25	Xtractus 2013 (Mechanical Technical Fest host)	300 student participated.
26	Effi Cycle Final event 2013 ,Chandigarh	10 Students
27	Elite Techno Workshop 2013	250 Students participated.
28	Tier – I	120 students participated.
29	COLT -2014 , Coimbatore	4 Students
30	Factory Visit ARCI, Hyderabad	3 Students
31	SAE TREK 2014 ,Madurai	2 Students

32	Effi Cycle 2014 Virtual's, Chennai	3 Students
33	Baja 2015 Virtual's, Ahmedabad	4 Students
34	Tier –I	100 Students
35	Xtractus 2014 ( Mechanical Technical Fest host Host)	200 Students
36	Technical Workshop (Vehicle Balancing)	80 Students
38	COLT -2014 Hyderabad	7 Students
39	Tier –II (Hosts)	220 Students
40	Tier- III Convention, Madurai	27 Students

## **SEMINARS & WORKSHOPS ATTENDED:**

S.No	Description	Date
1.	Attended the presentation on Latest trend in NVH in Automobiles' by Dr.Pranab Saha at Amrita School of Engineering, Ettimadai, Coimbatore.	6th October, 2009
2.	Attended the presentation on 'Brake technology' by WABCO and 'Energy management for Performance and Fuel Economy' by Mr.F.Canal of Renault Nissan Saha at Amrita School of Engineering, Ettimadai, Coimbatore.	6th October, 2009
3	Attended the presentation on the various Indian battle tanks, their specifications and testing was done by Combat Vehicles Research and Development Establishment (CVRDE) Saha at Amrita School of Engineering, Ettimadai, Coimbatore.	6th October, 2009
4	Participated in the Business Planning competition in Convention-2009 at Amrita School of Engineering, Ettimadai, Coimbatore.	5th October, 2009
5	Attended the Seminar on Motivation by Dr.Tamil Selvan, Director/MBA Dept, Mepco	16th July 2010
6	Attended Colt Meeting at Mepco College of Engineering, Sivakasi and gave a presentation on Experts Speaking Panel	16th July 2010
7	Attended National workshop (under the roof of cylindrical head)	23 <sup>rd</sup> -24 <sup>th</sup> September 2010
8	Attended Software Training Program at PES Bengaluru.	February 2011
9	Attended Software Training Program at SNIST	September 2014
10	Participated in technical presentations at national symposium	November 2014

## **Division Level Mini-convention 2009 at SAE - JBIET**

The Division Level Event "Mini-convention" was conducted within the college, held on 15th September 2009. A total number of 200 Students (winners of TIER-1) from different colleges actively took part in this Event.

### EVENTS CONDUCTED

#### Technical Paper Presentation

- Aero modeling
- Auto Quiz
- Business Plan Presentation Competition
- Pro-E Design & Ansys
- CAD Competition
- GSD Competition

### COLLEGES PARTICIPATED

- Nallamalla Reddy Institute of Engineering & Technology
- KITS Warangal
- Sreenidhi institute of Science &Technology
- VNR VIGNYAN JYOTHI
- MUFFAKAM JAH Institute of Engineering & Technology
- MVSR College
- Vasavi College Of Engineering

The Winners of the competition participated in the national Level Competition TIER - 3, at Amrita Vishwavidya Peetham, Coimbatore.

Eight students from SAEINDIA JBIET Collegiate Club won in the TIER-2 event and took part in "CONVENTION - 2009".

## **ASHOK LEYLAND FACTORY VISIT**

We the members of SAE - JBIET are really grateful to SAEISS for this opportunity of attended an industrial visit to Ashok Leyland Chennai on OCTOBER 3rd 2009. We had a great time in the industry watching all the operations going on. On our one day trip, we had a look at two sections in the industry

1. Engine Assembly Section
2. Chassis Assembly Section

*Students Attended:*

*Akash, Raghuvamsh Chavali, Vijay, Naveen, Sai Krishna, Sachith Reddy, Phani Raghava, Sravan.*

## **ARCI FACTORY VISIT**

We the members of SAE - JBIET are really grateful to SAEISS for this opportunity of attended an industrial visit to ARCI on JULY 13th 2012. We had a great time in the industry watching all the operations going on.

*Students Attended:*

*Neeraj, Joseph, Abishiek, Pawan, Raghuvveer, Sriram, Naveen, Vijay,*

## **COLT 2010**

COLT 2010 was a two day residential program for SAE INDIA Colligate CLUB Office Bearers. It was held on 16th and 17th July 2010 and organized by MEPCO SCHLENK ENGINEERING COLLEGE, Shivakasi.

Students Attended:

- Raghuvamsh chavali

Chairperson, SAE INDIA JBIET Colligate CLUB  
SEC Member

- Soujanya. Y

Program chair, SAE INDIA JBIET Colligate CLUB

## **COLT 2011**

COLT 2010 was a two day residential program for SAE INDIA Colligate CLUB Office Bearers. It was held in FEBRUARY 2011 and organized BY AMRITA SCHOOL OF ENGINEERING COIMBATORE.

Students Attended:

- Neeraj

Chairperson, SAE INDIA JBIET Colligate CLUB  
SEC Member

- Joseph

Program chair, SAE INDIA JBIET Colligate CLUB

## **BAJA SAE INDIA 2011**

### **VIRTUAL BAJA 2011**

The “VIRTUAL BAJA 2011”, is the Preliminary Qualifier in which teams present their Preliminary Design report of the vehicle to a panel of judges/professionals.

It was held at INDIAN HABITAT CENTRE, NEW DELHI in the month of July. Our student members of SAE INDIA COLLEGATE CLUB (TEAM VULCANS) have presented the Design Report at this event alongside 230 other teams from various top universities/institutions from all parts the country.

Out of the 230 teams’ participated; the top 80 were short listed. We are proud to inform that our team “VULCANS” has been selected as one amongst the top 80 teams and has been forwarded to the final stage of the competition “BAJA SAE INDIA 2011” to be held at NATRIP, Pithampur, Madhya Pradesh in the month of January-2011.

We are also one amongst the five colleges to be selected from Andhra Pradesh.

### **MAIN EVENT: BAJA SAE INDIA 2011**

Our qualification in “Virtual BAJA 2011” has paved the way for our participation in BAJA SAE INDIA 2011 which involves the fabrication of the ATV.

We have successfully participated in all the events held at BAJA SAEINDIA 2011. Our team was the “**RUNNER UP**” in **presentations event** and won a cash award of **Rs.40,000**.

We were also the **first team** from **Andhra Pradesh** to have ever won an award at the **BAJA SAEINDIA**.

**Team Members:**

1. K.L.N. Rao (Captain) 3rd year Mechanical
2. Sai Krishna. N 3rd year Mechanical
3. Raghuvamsh. C 4th year Mechanical
4. B.R. Bhaskar Ranjit 3rd year Mechanical
5. k. Sravan 3rd year Mechanical
6. Harshavardhan 3rd year Mechanical
7. Aditya Acharya. D 3rd year Mechanical
8. Sri Viswanath. K 3rd year Mechanical
9. Sumanth. G 3rd year Mechanical
10. Sachit.G.Reddy 3rd year Mechanical
11. Chinna Venkat reddy 3rd year Mechanical
12. Sunish. V 3rd year Mechanical
13. Arun kumar 3rd year Mechanical
14. Hari Kiran 3rd year Mechanical
15. Purna chand 3rd year Mechanical
16. Pruthvi Raj 3rd year Mechanical
17. Rutwik Rao 3rd year Mechanical
18. Srikanth 3rd year Mechanical
19. Chaitra 3rd year Mechanical
20. Soujanya 4th year Mechanical
21. Samyuktha 3rd year Mechanical
22. Pooja siri 3rd year Mechanical

**BAJA SAE INDIA 2012****VIRTUAL BAJA 2012**

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## MAIN EVENT: BAJA SAE INDIA 2012

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4. Vikram 3rd year Mechanical
5. k. Sravan 3rd year Mechanical
6. Harshavardhan 3rd year Mechanical
7. Aditya Acharya. D 3rd year Mechanical
8. Sri Viswanath. K 3rd year Mechanical
9. Sumanth. G 3rd year Mechanical
10. Sachit.G.Reddy 3rd year Mechanical
11. Chinna Venkat reddy 3rd year Mechanical
12. Neeraj V 3rd year Mechanical
13. Joseph 3rd year Mechanical
14. Sharan Surya 3rd year Mechanical
15. Naveen 3rd year Mechanical
16. Vijay Raj 3rd year Mechanical
17. Meera 3rd year Mechanical
18. Indu Shravani 3rd year Mechanical
19. Suhas 3rd year Mechanical
20. Barghav 4th year Mechanical
21. Sam 3rd year Mechanical
22. Charan Chandra 3rd year Mechanical

# **Auto Tech Fest**

## **SAE- JBIET**

(Mahavir - BMW & TOYOTA)

Auto Tech Fest was a one day event organized by SAEINDIA JBIET COLLEGIATE CLUB in association with Harsha Toyota (Authorized dealer for Toyota) and Kun Exclusive (Authorised dealer of BMW) on MARCH 27<sup>th</sup> and 28<sup>th</sup>. This event consisted of Seminars & workshops on various advanced technologies used in the present automotive industry. There was also an on-site car display consisting of latest model TOYOTA and BMW.

Over 450 Participants from all over Andhra Pradesh participated at this event.









## **COLT 2013**

Colt is a flagship event of SAEINDIA Southern section, for developing the organizational skills among the office bearers. Students from all the clubs across the southern section have attended organized by Chennai Institute of Technology (C.I.T) Chennai.

Students Attended:

Venkata Raghav .M (Secretary, SAE JBIET COLLEGIATE CLUB)

Suhas Rathore (Joint-Treasurer, SAE JBIET COLLEGIATE CLUB)

Sai Akhil

Arvind Reddy



## **ELITE TECHNO GROUP WORKSHOP:**

A 7 day workshop centered on the theme of design and evaluation of an automobile was organized in our campus in July 2013. Apart from software based design aspects, static and dynamic analysis of the design components were also discussed.

The event witness a total of 230 participants form across South Indian colleges.





### **EFFI-CYCLE 2013:**

Having cleared the virtual's, Effi-cycle team have put their best of efforts in fabricating a comprehensive trike and have finished 23<sup>rd</sup> overall in the 3-day final event held at U.N.I.T Chandigarh in the month of October 2013.



### **COLT 2014:**

A flag ship event organized every year by SAEINDIA Southern Section Management Committee, was held at Sri Krishna College of Engineering & Technology- Coimbatore in the month of February. The event was planned to inculcate team building strategies.

Students Attended:

Venkata Raghav. M (Chairperson SAE JBIET COLLEGIATE CLUB)

Tarun Chincholi

## **Factory Visit:**

A two day factory visit was organized at ARCI Hyderabad, the ongoing trends in manufacturing technology and also advancements in the fields of material study and powder metallurgy were discussed during April 2014.

Students Attended:

Tarun Chincholi (3<sup>rd</sup> Year Student)

Lakshman .P (3<sup>rd</sup> Year Student)



## **SAE TREK 2014:**

Apart from technical events, fun filled events are also organized by SAEINDIA Southern Section and Trek is one such enthralling event. SAE TREK 2014 was organized by kalasalingam University Madurai. The two day event witness total of 120 students with Days -1 being a 8 hour workshop on organizational skill and Industry oriented technical skills. Day-2 was a half day trekking event.

Students Attended:

Arvind Reddy (3<sup>rd</sup> Year Student)

Sai Krishna (3<sup>rd</sup> Year Student)



### **COLT 2014:**

2014, witness two colt events in total with the first colt being organized in Hyderabad. Malla Reddy college Of Engineering & Technology organized the event in the month of June. It was a two day event involving guest lectures by industry experts from different industries.

Students Attended:

Venkata Raghav. M (Chairperson SAE JBIET COLLEGIATE CLUB)

Tarun Chincholi (3<sup>rd</sup> Year Student)

Sai Krishna (3<sup>rd</sup> Year Student)

Arvind Reddy (3<sup>rd</sup> Year Student)

### **Xtractus 2.0:**

Xtractus is a technical fest organized by the department of mechanical engineering under SAE JBIET Chapter.

- ✓ The fest was an amalgamation of plethora of technical and nontechnical events and, workshop centered on the theme of 'Igniting Imagination, promising to provide a platform for creativity and innovation.
  
- ✓ It witnessed a concurrence 250 participants.





## Tier – II

SAE JBIET COLLEGIATE CLUB Under the guidance of the department of mechanical engineering has organized the mini convention tier –II event in the month of October 2014. An inter-state level event involving SAEINDIA events witnessed 220 students from nook and corner of the state. The event was also blessed with the presence of Dr. G. Padmanabham President of SAEINDIA Hyderabad Section and also a wide range of experienced judges from various industries.







## Tier –III (Convention)

2014 witnessed an organizational development of SAE JBIET COLLEGIATE CLUB. Beginning with active participation in colt until making it into the tier –III convention 2014 after 4 year, 2014 was a blessing in disguise. Despite a lean patch through the virtual's of Effi-Cycle 2014 and BAJA 2015 Virtual's, our students have been active in participating in several SAEINDIA flag ship events and have also won awards and accolades in the 9<sup>th</sup> SAEINDIA southern section Convention.

9<sup>th</sup> Student convention was organized in Kalasalingam University, Madurai and also witness a total Of 1800 student members participating in a total of 30 events.

SAE JBIET students have made a mark at the national convention bagging 1<sup>st</sup> and 2<sup>nd</sup> places despite tough competition in 'AERO-MODELLING' and 'PAPER PRESENTATION'.

Our student member Venkata Raghav. M was awarded the best Student executive member award, for his selfless contribution as an executive council member and for introducing new set of events as a part of the SAE Calendar.





