



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

NAAC Accredited Institution with 'A' Grade

Kandlakoya (V), Medchal Road, Hyderabad -501401.

Date: 16/07/2015

To,
IQAC Coordinator
CMRCET

Sub: Requesting approval to participate in different Events under SAEINDIA COLLEGIATE CLUB OF CMRCET in the A.Y:2015-16 – Reg.

Respected Sir,

We wanted to bring to your notice SAEINDIA COLLEGIATE CLUB OF CMRCET organizes different events for the students every year, right from the beginning of the Academic year, with prior permission. Herewith I am submitting the proposed list of events we want to participate for the A.Y: 2015-16.

Hence, I request you to kindly permit to organize and participate in the below events.

The Events are scheduled as follows:

1. September : Mercedes-Benz workshop (08/09/2015)
2. December : Automobile expo (26/12/2015)
3. January : M-BAJA (22/01/2016)

Thanking you,

Coordinator
Internal Quality Assurance Cell
CMR College of Engineering & Technology
Kandlakoya (V), Medchal Road,
Hyderabad - 501 401.

Convener

SAEINDIA COLLEGIATE CLUB OF CMRCET

permitted

PRINCIPAL

CMR COLLEGE OF ENGG. & TECH.
Kandlakoya (V), Medchal Road,
Hyderabad-501401.



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NAAC Accredited Institution with 'A' Grade

Kandlakoya (V), Medchal Road, Hyderabad -501401.

Date: 01.08.2015

To
The Principal
CMRCET

Through: IQAC Coordinator

Sub: Permission to organize "Mercedes-Benz workshop".
Req. – Reg.

Respected Sir,

As per the approval from the IQAC for the events submitted to conduct in the A.Y: 2015-16, the SAEINDIA COLLEGIATE CLUB OF CMRCET will organize Mercedes-Benz workshop on 08/09/2015. I request your kind approval to conduct the event.

- Dates of the Events: 08th September 2015
- Name of the Event: Mercedes-Benz workshop
- Importance: To bring out awareness in students in automotive industry.
- Venue: CMRCET seminar hall.
- Target Audience: Students of respective department.

Faculty members who are involved in the SAEINDIA COLLEGIATE CLUB OF CMRCET will be taking care of their respective department and the student members of the club will help the smooth conduction of the event.

Thanking you sir,

Recommended
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Coordinator
Internal Quality Assurance Cell
CMR College of Engineering & Technology
Kandlakoya (V), Medchal Road,
Hyderabad - 501 401.

[Signature]
Convener

SAEINDIA COLLEGIATE CLUB OF CMRCET

Approved.

[Signature]

PRINCIPAL
CMR COLLEGE OF ENGG. & TECH.
Kandlakoya (V), Medchal Road,
Hyderabad-501401.

EVENT REPORT

Mercedes-Benz workshop was held in 08/09/2015 at CMRCET organized by SAE COLLEGIATE CLUB OF CMRCET the workshop was in particular aimed at assessing the strength and interest of students in automotive sector, and the trends and developments in this field.

A strong participation at the workshop (more than 200 participants from different streams of engineering) demonstrated that automobile science is fruitful, lively and still evergreen sector in the stream of engineering.

From the presentations, several trends and important developments in vehicles and research were identified.



The team from the Mercedes Benz showed how they have been the brand for quality, reliability, sport and luxury without compromising on their designs. They showed their award-winning world-class engine and explained in detail about how the engine could develop that type of performance with being that compact and weighing less. They explained its design procedure about what are the design considerations they have taken and its production without no human interference.

In the next session they talked about the research and development of their vehicles and how they have been able to produce new innovations for every vehicle they are releasing. They also explained how freshers have taken the most important role in design and development at Mercedes Benz.

In the last session they showed the students their engines and made students to work on it by checking its performance by running the engine on a dynamometer and also made the students assemble and disassemble it.



At the end they offered students with participation certificates and key chains of Mercedes Benz logo.



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Kandlakoya (V), Medchal Road, Hyderabad -501401.

Date: 10.12.2015

To
The Principal
CMRCET

Through: IQAC Coordinator

Sub: Permission to organize "Automobile expo".
Req. – Reg.

Respected Sir,

As per the approval from the IQAC for the event submitted to conduct in the A.Y: 2015-16, the SAEINDIA COLLEGIATE CLUB OF CMRCET will organize "Automobile expo" on 26/12/2015. I request your kind approval to conduct the event.

- Dates of the Events: 26th December 2015
- Name of the Event: Automobile Expo
- Importance: To bring out awareness in students in automotive industry.
- Venue: CMRCET ground.
- Target Audience: Students of all departments.

Faculty members who are involved in the SAEINDIA COLLEGIATE CLUB OF CMRCET will be taking care of their respective department and the student members of the club will help the smooth conduction of the event.

Thanking you sir,

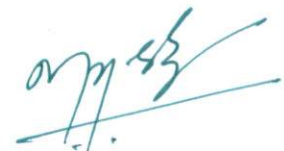
*Recommend ✓
Arok*

Coordinator
Internal Quality Assurance Cell
CMR College of Engineering & Technology
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CONVENER

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EVENT REPORT

The automobile expo was conducted on 26/12/2015 in CMRCET main ground. A number of companies showcased their vehicles in the stalls provided. The event started when chief delegates Mr. CH Malla Reddy chairman of CMR group of institutions, Sir. CH Gopal Reddy correspondent of CMR group of institutions, Dr. Major V A Narayana, principal of CMRCET. These all delegates carried out ribbon cutting and started the event. A special vehicle was allotted for the delegates in order to have a look at the complete event site they had a good view around the event and got a detailed view of every stall at the event site.



Later the students from different colleges and a huge crowd came to check out the event companies like Ducati, Harley-Davidson, Triumph, Toyota, Mercedes-Benz showcased their



vehicles at the event there were sales person also present at the stalls such that they could help people if anyone is interested to get one of those. In that way automobile expo helped the companies to get their brand publicity and also helped in sales of their vehicle.

This event did a two way help to students as well as companies deriving more productivity from the event. The event mainly aimed at bringing out awareness in the students as well as other participants who attend the event regarding the latest technologies used in the respective automobile companies. This help people to understand the level of innovation and technological development undergoing in the automotive industry.



Attraction Photography

The event saw around 300 members attending from different colleges. The students and other people kept asking questions to individual company persons. Event had a good knowledge transfer regarding automotive sector. The company stalls also teased people with their upcoming concepts and upcoming production vehicles. It helped companies by having a good amount of publicity by having a least amount of money capital. Hence the event made a good amount of help for companies, students and management of college.



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Date: 01.01.2016

To
The Principal
CMRCET

Through: IQAC Coordinator

Sub: Permission to participate in "M-BAJA".
Req. – Reg.

Respected Sir,

As per the approval from the IQAC for the events submitted to conduct in the A.Y: 2015-16, the SAEINDIA COLLEGIATE CLUB OF CMRCET will participate in "M-BAJA" from 22/01/2016. I request your kind approval to conduct the event.

- Dates of the Events: 22nd January 2016 to 29th January 2016
- Name of the Event: M-BAJA.
- Venue: NATRAX, Indore, Madhya Pradesh.

Faculty members who are involved in the SAEINDIA COLLEGIATE CLUB OF CMRCET will be taking care of their team and the team members of the club will help the smooth conduction of the event.

Thanking you sir,

Recommended
ACQZ

Coordinator
Internal Quality Assurance Cell
CMR College of Engineering & Technology
Kandlakoya (V), Medchal Road,
Hyderabad - 501 401.

[Signature]
CONVENER

SAEINDIA COLLEGIATE CLUB OF CMRCET

— Permitted —

[Signature]
PRINCIPAL
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EVENT REPORT

From January 22nd to January 27th 2016 SAEINDIA M-BAJA was conducted at NATRAX, Madhya Pradesh, there were over more than 150 teams participated in the event. The main motto of this event is to allow the student of different colleges to design, analyze and fabricate their vehicle in order to bear different situations a vehicle undergo in the terrain showed by the officials. A team of 25 members were formed from CMR College of Engineering & Technology. The team did well in the virtual round which is the first stage of competition where the team need to show their design, calculations, working procedure they are doing to fabricate their vehicle. The teams which board members feel that they are suitable for participation are shortlisted from the list. The team got shortlisted in the virtual and did get allowance to fabricate the vehicle. The team did fabricate the vehicle and taken to the event.

In the event there were number of events they are mainly classified into static and dynamic events. In static events the teams are made to send design report, cost report, design validation plan (DVP), DFMEA. The team which performs best is awarded in its segment and ranking is given accordingly.

Our team has secured these ranks in each of these events



Design evaluation: In this event the teams are need to explain the panel members regarding them deign procedure and justify their design in different aspects. And later need to answer the questions asked by the judge.

Position in design evaluation 54th

Cost presentation: in this event teams need to produce the total cost of the vehicle fabricated including different parts which are manufactured earlier. Every team must produce the bills of each and every part which are evaluated by the judge. The team which fabricates the vehicle in lowest cost gets to win the event.

Position acquired in cost presentation: 27th

Sales presentation: In sales presentation teams are given a task of making 1000 vehicles per year. This event tests the managerial skills of the teams they need to show their factory design and place at which the factory needs to be built. And cost for this all equipment. Then just after the factory design they need to start the vehicle manufacturing and should consider cost for making each

vehicle. Then the vehicle needs to be sold for a reasonable price to the customers. Taking all these aspects into consideration teams need to present a report. The team which gives the best performance in this event is awarded



Position acquired in sales presentation: 9th

Just after the static events dynamic events start in dynamic events, we have different competitions like braking test, maneuverability test, suspension and traction test, acceleration test, sledge pull test, go green test and endurance.

Our team secured these positions in each respective event as follows

Brake test: Team need to start from still point and should stop from 45kmph to 0 within 1.5m teams which pass this test are allowed to participate in other dynamic events.

Maneuverability test: In this event vehicles steering is tested where it is made through pass through sharp corners and unsteer able paths. The vehicle which completes this path in shortest time is awarded.





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Maneuverability position: didn't participated

Suspension and traction test: It is the most difficult event where the vehicle is made to pass through difficult terrains and uneven terrains, logs etc. This event tests the vehicle suspension system, rigidity, strength of the vehicle.

Position in suspension and traction: didn't participated

Sledge pull: the vehicle is made to pull up to 1ton weight.

Go green award: This event tests the emission level which come out through the exhaust of the vehicle the teams which has the lowest emissions is awarded with go green award.

Endurance: This is the final event where all the vehicles are assembled in and made to complete laps through the given time. The team which makes the highest lap is awarded.

Endurance position: didn't cleared due to breakdown of vehicle

Overall position: 84th