



CMR COLLEGE OF ENGINEERING & TECHNOLOGY

An Autonomous Institution with NAAC Accreditation (A Grade)
*Approved by AICTE *Permanently affiliated to JNTUH *NBA Accreditation
Kandlakoya (V), Medchal Road, Hyderabad -501401.

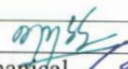

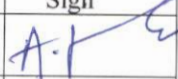
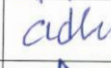


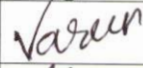
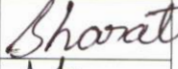

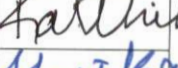

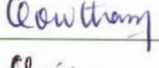
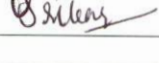
CMRCET/PRIN/SAEINIDA COLLEGIATE CLUB OF CMRCET/AY2016-17/01

DATE: 30/06/2016

OFFICE ORDER

With reference to the office order "CMRCET/PRIN/21/2014, Dated 15th April 2014. The SAEINDIA COLLEGIATE CLUB OF CMRCET is constituted with the following members for the academic year 2016-17.

The composition of SAEINDIA COLLEGIATE CLUB OF CMRCET is as follows:

S.no	Member & Designation				
1	Chairman- Dr. M. Ramalinga Reddy, Principal CMRCET. 				
2	Convener- Prof.S.Shyam Kumar, HOD, Department of Mechanical 				
3	Faculty Members:				
	S.no	Name of the faculty	Designation	Department	Sign
	1.	Mr. A. Harish	Assistant Professor	Mechanical	
	2.	Mr. B. Naresh Kumar	Assistant Professor	Mechanical	
	3.	Mr. V. Panduranga	Assistant Professor	ECE	
4.	Prof G. Devadasu	HOD	EEE		
4	Student Members:				
	S.no	Name of the Student	Roll no	Branch	Sign
	1.	Mr. K Varun Sri Vatsav	13H51A0321	Mechanical	
	2.	Mr.K Sharath Chandra	13H51A0324	Mechanical	
	3.	Mr. Alluri Krishna Reddy	13H51A0301	Mechanical	
	4.	Mr. Karthik Yelagati	13H51A0323	Mechanical	
	5.	Ms. V Harika	13H51A03B5	Mechanical	
	6.	Mr. M Gowtham	13H51A0330	Mechanical	
7.	Mr. M Srikar	13H51A0331	Mechanical		


Convener

SAEINDIA COLLEGIATE CLUB OF CMRCET

Copy Submitted to: (1) The Secretary Garu – For your kind information Pl.

Copy to:

1. IQAC Coordinator
2. Deans
3. Examination Branch
4. All HOD's
5. Administrative Officer
6. Accounts Officer
7. Librarian
8. Training & Placement
9. Concerned Faculty
10. Students Notice Board

CMRCET/PRIN/SAEINDIA COLLEGIATE CLUB OF CMRCET/AY2016-17/CIR-01

Date: 02/07/2016

CIRCULAR

This is to inform all the SAEINDIA COLLEGIATE CLUB OF CMRCET committee members that there will be a meeting on 04th July 2016 at 2:30 PM in Department of Mechanical-HOD Cabin.

The Agenda of the meeting:

To Discuss about

1. To plan event to be organized.
2. Event calendar to plan & conduct all events in this Academic year.
3. For scheduling all the related activities without affecting the class/lab work, examination Schedules.
4. To plan to participate in different competitions under SAEINDIA.


Convener


Principal

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

Copy Submitted to: (1) The Secretary Garu – For your kind information Pl

Copy to:

1. IQAC Coordinator
2. Controller of Examinations
3. All HODS
4. Administrative Officer
5. Accounts Officer
6. Concerned Faculty members
7. Student Notice Board



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SAEINDIA COLLEGIATE CLUB OF CMRCET

Strategic Perspective Plan for the Academic Year 2016-17

S. No.	Date of the Event	Name of the Event	Budget for the event (Rs)	Details
1.	12 th October, 2016 to 16 th October 2016	Effi-cycle	3,00,000/-	Efficycle is an intercollegiate design competition for undergraduate and graduate students where teams have to design and fabricate an energy efficient entirely human powered three-wheeled vehicle.
2.	22 nd January, 2017 to 29 th January, 2017	M- BAJA	6,00,000/-	It's a national level event where students need to design, analyze and fabricate an atv where the best vehicle is awarded after testing them in various conditions.



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SAEINDIA COLLEGIATE CLUB OF CMRCET - Strategy Document

1. SAEINDIA COLLEGIATE CLUB OF CMRCET meeting is conducted at the beginning of each academic year.
2. A brief synopsis is given by the Club members on the importance of Collegiate club.
3. Students are registered in the club.
4. Students are encouraged to actively participate in club activities.
5. SAEINDIA COLLEGIATE CLUB OF CMRCET has given instructions and suggestions to the students about implementation and participation of various events.

IQAC Coordinator

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

Principal

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

Date: 05/07/2016

To,
IQAC Coordinator
CMRCET

Sub: Requesting approval to participate in different Events under SAEINDIA COLLEGIATE CLUB OF CMRCET in the A.Y:2016-17 – 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: 2016-17.

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

The Events are scheduled as follows:

1. October : Effi-cycle (12/10/2016 to 16.10.2016)
2. January : M-BAJA (22/01/2017 to 29/01/2017)

Thanking you,

Recommended
[Signature]

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 ENGINEERING & TECH.
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CMR COLLEGE OF ENGINEERING & TECHNOLOGY

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

Date: 12/07/2016

To
The Principal
CMRCET

Through: IQAC Coordinator

Sub: Permission to participate in "Effi-cycle".
Req. – Reg.

Respected Sir,

As per the approval from the IQAC for the events submitted to conduct in the A.Y: 2016-17, a team from SAEINDIA COLLEGIATE CLUB OF CMRCET will participate in Effi-cycle. I request your kind approval to conduct the event.

- Dates of the Events: 12/10/2016 to 16/10/2016
- Name of the Event: Effi-cycle
- Importance: To bring out awareness in students in automotive industry.
- Venue: Lovely professional university, Jalandhar, Punjab.

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


Thanking you sir,

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


Convener

SAEINDIA COLLEGIATE CLUB OF CMRCET

Approved.


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

Event report

Near 100 teams of top engineering institutions including IITs, NITs, ITS from across India are exhibiting motorized expertise of engineering students of LPU & Society for Automotive Engineering-Northern India Section (SAENIS) have joined hands to host the event. The event is supported by Maruti Suzuki, Indian Oil Corporation and ICAT.



Promoting renewable and alternative energy usage in the country, an eco-friendly national competitive event 'EFFICYCLE 2015' is inaugurated today at LPU campus. Near 100 teams of top engineering institutions including IITs, NITs, ITS, Government institutions from across India are exhibiting motorized expertise of engineering students. Society for Automotive Engineering-Northern India Section (SAENIS) and Lovely Professional University have collaborated to host this event. The event is supported by Maruti Suzuki, Indian Oil Corporation and ICAT. LPU Chancellor Mr. Ashok Mittal, Pro Chancellor Mrs. Rashmi Mittal, Director ICAT Mr. Dinesh Tyagi, GM ICAT Mr. UD Bangale & DGM R&D Maruti Suzuki India Mr. Jitendra Malhotra were Guests of Honor on the inaugural day. DGM Mr. Malhotra shared: "Through national level events like Efficycle-2016 (presently 7th in a row), SAENIS and Maruti Suzuki provide excellent opportunities to the students towards their skill building and sensitization for alternative energy sources as they get prepared to take up their role in the industry. The three-day event will be concluded on 18th October with 40 Kms competitive race among participating teams' Effi-cycles. Inaugural day had two types of Competitions-Static and Dynamic. For static, participating teams presented marketing strategy, design and cost evaluations of their respective Effi-cycles. Under dynamic part different teams went for technical inspection and different tests for brakes, gradient, electric drive, acceleration, utility, and maneuverability.

The team acquired these positions in their respective events.

Design evaluation: Cleared

Cost evaluation: cleared

Endurance: couldn't participate because of electric drive issue

Build quality: presented

Event report

From January 22nd to January 27th 2015 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 their deign procedure and justify their design in different aspects. And later need to answer the questions asked by the judge.



Position in design evaluation: 64th

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: 22nd



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

Date: 08/07/2016

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: 2016-17, the SAEINDIA COLLEGIATE CLUB OF CMRCET will participate in "M-BAJA" from 22/01/2017 to 29/01/2017. I request your kind approval to conduct the event.

- Dates of the Events: 22/01/2017 to 29/01/2017
- 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
Acow2

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

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: 10th

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.

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: 88th

Overall position: 54th



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CMRCET/PRIN/SAEINDIA COLLEGIATE CLUB OF CMRCET/AY2016-17/CIR-02

Date: 02/02/2017

CIRCULAR

This is to inform all the SAEINDIA COLLEGIATE CLUB OF CMRCET committee members that there will be a meeting on 03rd Feb 2017 at 2:30 PM in Department of Mechanical-HOD Cabin.



Convener



Principal

Copy Submitted to the Secretary Garu for your kind information Please

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

Copy to:

1. Deans
2. All the HODs
3. IQAC Coordinator
4. Administrative Officer
5. Accounts Officers
6. Faculty Concerned



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Academic Year: 2016-17 SAEINDIA COLLEGIATE CLUB OF CMRCET MINUTES OF MEETING

Date: 03/02/2017

Time: 2:30 PM

Venue: HOD Cabin, Mech Dept

Chaired By: Major Dr. V A Narayana, Principal, CMR College of Engineering & Technology

Agenda: End of the Academic year summary

Minutes of Meeting:

A meeting was conducted by the SAEINDIA COLLEGIATE CLUB OF CMRCET committee to review the events conducted in the Academic Year 2016-17 and to discuss the various events to be conducted for the Academic Year 2017-18.

- The chairman, Major Dr. V A Narayana welcomed all the members.
- Event conducted in the Academic Year 2016-17 were discussed.
- The additional events that were conducted if any and missed out were asked for.
- The events that were part of the agenda but were not conducted were also discussed and the reasons for not being conducted were discussed at length.
- The events that were planned for the next academic year were also discussed.
- Inputs were sought about the other events that can be included as part of the club.

Resolution 01: The SAEINDIA COLLEGIATE CLUB OF CMRCET committee members appreciated one another for the successful completion of the events for the academic year on the agenda and were braced up with the list of events for the next academic year.

The meeting concluded with the Chairman thanking the members for their valuable suggestions.

Summary of Programmes Conducted during A.Y 2016-17 under "SAEINDIA COLLEGIATE CLUB OF CMRCET committee".

S. No	Name of the Event/Activity	Date	Venue
1	Effi-cycle	12/10/2016	Lovely Professional University, Punjab
2	M-BAJA	22/01/2017	NATRAX, Pithampur, Indore

Summary of Programmes Not Conducted during A.Y 2016-17 under "SAEINDIA COLLEGIATE CLUB OF CMRCET committee".

S. No	Name of the Event	Scheduled Date	Reason
1		Nil	

I. Summary of Programmes Not Conducted during A.Y 2016-17 under "SAEINDIA COLLEGIATE CLUB OF CMRCET committee". Which were not part of the schedule.

S. No	Name of the Event	Conducted Date	Venue	Reason
1		Nil		

Members Present:

S.no	Member & Designation				
1	Chairman- Major Dr. V A Narayana, Principal CMRCET.				
2	Convener- Prof.S.Shyam Kumar, HOD, Department of Mechanical				
3	Faculty Members:				
	S.no	Name of the faculty	Designation	Department	Sign
	1.	Mr. A. Harish	Assistant Professor	Mechanical	A.H
	2.	Mr. B. Naresh Kumar	Assistant Professor	Mechanical	adhy
	3.	Mr. V. Panduranga	Assistant Professor	ECE	Dr
4.	Prof G. Devadasu	HOD	EEE	Dr G	
4	Student Members:				
	S.no	Name of the Student	Roll no	Branch	Sign
	1.	Mr. K Varun Sri Vatsav	13H51A0321	Mechanical	Varun
	2.	Mr.K Sharath Chandra	13H51A0324	Mechanical	Sharath
	3.	Mr. Alluri Krishna Reddy	13H51A0301	Mechanical	Akr
	4.	Mr. Karthik Yelagati	13H51A0323	Mechanical	Karthik
	5.	Ms. V Harika	13H51A03B5	Mechanical	Harika
	6.	Mr. M Gowtham	13H51A0330	Mechanical	Gowtham
7.	Mr. M Srikar	13H51A0331	Mechanical	Srikar	


Convener


Principal

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Date: 03/02/2017

To
IQAC,
CMRCET,
Kandlakoya (V),
Medchal Road,
Hyderabad-501401.

Respected sir,

Sub: Annual report of the SAEINDIA COLLEGEIATE CLUB CMRCET for the A.Y 2016-17

Following is the brief information of programs conducted by the SAEINDIA COLLEGEIATE CLUB CMRCET for the A.Y 2016-17.

1. Effi-cycle: Near 100 teams of top engineering institutions including IITs, NITs, ITS from across India are exhibiting motorized expertise of engineering students of LPU & Society for Automotive Engineering-Northern India Section (SAENIS) have joined hands to host the event. The event is supported by Maruti Suzuki, Indian Oil Corporation and ICAT.

Promoting renewable and alternative energy usage in the country, an eco-friendly national competitive event 'EFFICYCLE 2016' is inaugurated today at LPU campus. Near 100 teams of top engineering institutions including IITs, NITs, ITS, Government institutions from across India are exhibiting motorized expertise of engineering students. Society for Automotive Engineering-Northern India Section (SAENIS) and Lovely Professional University have collaborated to host this event. The event is supported by Maruti Suzuki, Indian Oil Corporation and ICAT. LPU Chancellor Mr. Ashok Mittal, Pro Chancellor Mrs. Rashmi Mittal, Director ICAT Mr. Dinesh Tyagi, GM ICAT Mr. UD Bangale & DGM R&D Maruti Suzuki India Mr. Jitendra Malhotra were Guests of Honor on the inaugural day. DGM Mr. Malhotra shared: "Through national level events like Efficycle-2016 (presently 7th in a row), SAENIS and Maruti Suzuki provide excellent opportunities to the students towards their skill building and sensitization for alternative energy sources as they get prepared to take up their role in the industry.

The three-day event will be concluded on 18th October with 40 Kms competitive race among participating teams' Effi-cycles. Inaugural day had two types of Competitions-Static and Dynamic. For static, participating teams presented marketing strategy, design and cost evaluations of their respective Effi-cycles. Under dynamic part different teams went for technical inspection and different tests for brakes, gradient, electric drive, acceleration, utility, and maneuverability.

The team acquired these positions in their respective events.

Design evaluation: Cleared

Cost evaluation: Cleared

Endurance: couldn't participate because of electric drive issue

Build quality: presented

2. M-BAJA: From January 22nd to January 27th 2017 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.

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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 their deign procedure and justify their design in different aspects. And later need to answer the questions asked by the judge.

Position in design evaluation: 64th

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.



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Position acquired in cost presentation: 22nd

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

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Maneuverability position: didn't participated

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Endurance position: 88th

Overall position: 54th


CONVENER