



# MESA

MECHANICAL ENGINEERING STUDENTS ASSOCIATION

## NEWSLETTER

### 2016 - 2017



DEPARTMENT OF MECHANICAL ENGINEERING  
MVSR ENGINEERING COLLEGE

Nadergul (P.O), Hyderabad - 501510  
(Sponsored by Matrusrri Education Society,  
Affiliated to Osmania University)

## Department of Mechanical Engineering

The Department of Mechanical Engineering offers B.E. programs in Mechanical and Automobile Engineering streams. The department also offers a postgraduate program M.E. in CAD/CAM.

### Vision :

To provide educational opportunities that will prepare students for productive careers as competent professionals in Mechanical Engineering, and for higher studies and research.

### Mission:

The department strives to provide the engineering foundation as well as professional, innovative and leadership skills to the students through the following activities:

1. Laying sound foundation in the areas of mechanics, design, thermal sciences and production processes, as well as allied engineering areas.
2. Enrich the undergraduate experience through experimental learning, and fostering a personalized and supportive environment that makes learning joyful and stimulating.
3. Provide opportunities to design mechanical engineering components and systems to meet specific needs through select courses.
4. Provide opportunities to develop good communication skills, and to encourage creativity and entrepreneurial skills.
5. Create awareness in professional responsibility, ethics, global impact of engineering solutions, and of the need for life-long learning.
6. Providing opportunities for training in the latest automotive technologies and encourage product development.
7. Providing research and intellectual resources to address contemporary and complex problems of industry and to advance research and applications.

### Program Outcomes

1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design / Development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multi-disciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi-disciplinary environments.
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

**PRINCIPAL : Dr. V CHANDRA SEK HAR**

**HOD : Dr. J KANDASAMY**

**FACULTY COORDINATORS :** 1. S RAMANATHAN  
2. G RAJESH BABU  
3. N HARITHA

### AUTOFACT#01

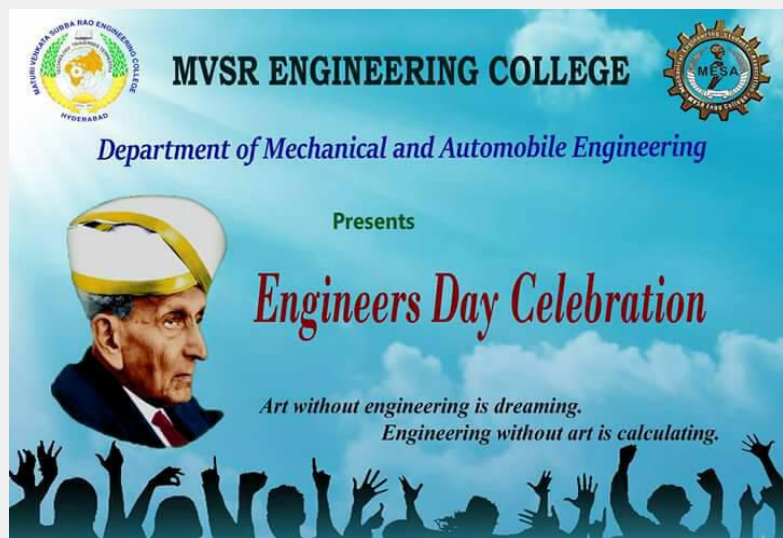
In Turkmenistan, car drivers are entitled to 120 Liters (31 gallons) of free petrol a month.

Hitler, while in prison, wrote to a Mercedes dealership begging for a car loan.

## MODEL PRESENTATION



The Engineer's Day is celebrated on 15th September every year as a remarkable tribute to one of India's greatest engineer, Bharath Ratna, Sir M.Visvesvarayya. The dams built by him are still functional even today, a testimony to his brilliance, skill, honesty and dedication. It was on 17th September 2016 when MESA organized Teacher's day and Engineers' day celebrations. Several events were organized on this day. Model presentation was one of the event organized with an objective to stimulate students and to show case their talents, where the students displayed and presented their innovative ideas through project models with a focus on mechanical engineering applications. It was a unique competition where students understood the difficulties which arrive during practical implementations. The main motto of this event was to improve the student skills which are required in the corporate world, where they will share knowledge and improve communication skills. Several models were exhibited under the theme "Engineering Challenges for Knowledge Era" , and also to work on generating power through renewable sources like solar energy, wind energy etc and many others.



## TEACHERS DAY CELEBRATIONS

A Teacher is the one who makes you read and write, guides you in distinguishing between what is right and what is wrong, makes you to dream big and helps you at every step to achieve them. They teach us how to face the most difficult challenges of life and how to get through them. Teachers are the ones who have dedicated a considerable part of their life to impart moral and academic knowledge to their students.

Since 1962, Teachers Day is being celebrated on September 5th as a mark of tribute to the contribution made by teachers to the society. The day is marked as a day of gratitude and respect to the selfless efforts of teachers. It is also celebrated to honor Dr. Sarvepalli Radhakrishnan, a great teacher, academic philosopher and first Vice President of India (1952–1962) and the second President of India from 1962 to 1967 who was born on the same day in 1888. Dr. Radhakrishnan was a strong supporter of education. Instead of celebrating his birthday separately, his request was to observe the day as Teachers Day in honor of all the teachers in India. This appeal demonstrated his love for the teaching profession.

It was on 17 September 2016, MESA organized Teacher's day as well as Engineers day. Awards were presented to class toppers and also the students presented various cultural events for the day.



APJ Abdul Kalam scientist and engineer, who served as the President of India quotes —“Teaching is a very noble profession that shapes the character, caliber, and future of an individual. If the people remember me as a good teacher that will be the biggest honour for me.”

**Malala Yousafzaia, a Pakistani activist for female education and the youngest ever Nobel Prize laureate quotes—“Let us remember: One book, one pen, one child, and one teacher can change the world.”**

Teacher's day programme was initiated by a protocol by the then Head of the Department of Mechanical Engineering, Dr.M.Madhavi. Later many performances were given by students of Mechanical and Automobile engineering, including a devotional song by Ch.Sruthi (II Mech B), classical song by Taruni (II Mech B) followed by classical dance performance by Sravya (III Mech B ),western dance by Sindhura and group. A speech by C.Sindhu (II Mech B) was delivered, a special talent –free style football performed by Mayank (II Auto) stood as outstanding performance for the day.

Later an extempore was conducted for the teachers where each teacher was given to select a telugu proverb and were asked to speak about it with an example. This contest filled everyone with excitement and enthusiasm. Emphasizing the role of engineers, and focusing on view point of students to make them understand their goals and shape up their career, speeches were delivered by Dr.M.Madhavi and Dr. P.A.Sastry (Professor,MED).

As an encouragement to academic excellence, all the class toppers of respective branches were felicitated. Finally the day ended with 'DHWANI' team's performance. This filled up everyone present there with enthusiasm. The event provided joy and contentment to all.



Team which made Teachers' day so Memorable



**TRAILER LAUNCH**

The trailer of Auto Cognizance 2017 was released on 3rd February, with exciting events like painting competition, bike rally by girls on Road Safety and melodious live performance by one of our college bands, "Dhwani". The faculty of the Department also entertained all the present audience with few melodious songs.

**FLASH MOB**

The last promotional event, flash mob was held on 7th of Feb along with unveiling of the BAJA ATV made by Team Ratchet –Redefined and F1 SUPRA RONIN. The event attracted huge number of participants from different colleges of the state.



# AUTOCOGNIZANCE 2017

## INAUGURATION CEREMONY



Mr. Euisung Yoon (Director HR and GA, HMIE India) and Mr. A.V.S.Ramesh (Head of HR , HMIE India) were invited as the Chief Guest and Guest of Honour for the inaugural event. The event started with a prayer song and continued with speeches by the Principal , HOD , Chief Guest and Guest of Honour.





It would take less than 6 months to get to the Moon by car at 60mph (95km/h).

## AUTO EXPO



The main attraction of Auto Cognizance 2017 was the AUTO EXPO. Auto Expo became more attractive with the display of many top end bikes and cars. Few of the special attractions at the AUTO EXPO were "PORSCHÉ and AUDI RS 5". The Guest of Honour for this AUTO EXPO, Mr. Vikas Rachamalla (Youtube Brand Ambassador, Famous Moto Blogger) spoke as well.



## UNDER THE HOOD

Often, people find working of a car and its components under the hood to be puzzling. So, this event was to get a hands-on experience of Automobiles and their parts. Workings of various components of an automobile were explained by displaying numerous cross-sectioned parts including a full model cross-sectioned chassis. All the mechanisms involved in the components were explained practically.



## TROUBLE SHOOTING

Ever got stuck on a highway, not knowing what to do with a broken down car? With an intention to educate in this matter, the event TROUBLE SHOOTING was held. It dealt with inspection and diagnosis of the vehicle. It also involved:

1. FREE CHECKUP- Done by servicemen from various companies.
2. TROUBLESHOOTING - To make one aware of the minor failures encountered in daily life in layman's term.



## AUTO QUIZ

It was the ultimate Battle ground for all the Auto freaks to fight it out on the field with fellow students to claim the title of Auto-Know- it-all. This was to highlight the student's intellect and stimulate their learning process. Several rounds of questions on Automobiles were posed to the students of various groups that helped to review their conceptual knowledge and develop competitive spirits.

### AUTOFACT#07

The vehicle with the highest mileage covered a total of 2,850,000 miles (4,586,630 km).

During a car crash, 40% of drivers never even hit the brakes.

## POSTER/PAPER PRESENTATION

This competition provides a perfect platform for students to come forward and be the leaders of the future by demonstrating their creative and technical skills as well as their knowledge. Students presented topics on many emerging concepts, recent technological trends and development, which will help them in honing their technical skills for their future.



## MODEL PRESENTATION

Students from Hyderabad have been actively participating in various national events. Variety of vehicles from colleges all over the city, built by students for such competitions were displayed. It was a platform for students to learn the concepts and understand the efforts behind fabricating a vehicle. The vehicles were judged for their innovativeness, technical integrity and reliability for which they were ranked accordingly.



## AUTO CAD

Design is the heart of every industry, With the great demand for design engineers in every field, this event gave a chance to the students to prove their mettle and craft.

Students were judged on their skills and imagination in drafting various views of the components using Auto CAD.

## BUSINESS PLANNING

Business Planning is a Competition, where the students are encouraged to create business idea and practice pitching those ideas on a tight time line and limited investment in business format. The participants were encouraged to expand upon their ideas and pursue their start up. All the applicant teams pitched their plans to compete for the Prize Money and "Young Entrepreneur Award".

## MAKE IN INDIA MASCOT



## Shishumandir Students Cultural Performance:



The standard service of a Bugatti Veyron would cost you US\$21,000.

## RIDE OUR PRIDE

Ride our Pride has been one of the main attractions of AutoCognizance and the car has been renovated by the team for participants. Our very own Hyderabad's Youtube brand ambassador and one of India's top Moto-Vlogger Vikas Rachamalla had the pleasure of driving the car and appreciated it for its stability and gave some valuable insights to the team. He hopped into the car and did some serious drifting in the college's ground which was an eye-candy to all the petrol heads and just what the event needed to pump up the heat.



## RC CAR RACING

It is racing game in which the player has to race a toy car using his remote. Its not as easy as it sounds. The player must race the car in a varied track which has many obstacles making it a tough job. This event got a huge amount of attention from the participants; it was like a counter challenge among the participants to win it amongst them.



## TECHNICAL FUN EVENTS

No fest is complete without fun events. In Auto Cognizance 2017, we added a special automobile touch to the fun events.

1. Odd-man-out: In this the participant had to find out the odd man among the shown automobile objects. There was good response from the participants.



2. Auto-logo-quiz: In this the participant had to identify the logos of the Automobile brands.
3. Auto-puzzle: The participant had to rearrange the given jigsaw puzzle and make it into complete Automobile photo.
4. Blind-fold: The participant had to identify the Automotive objects placed just by touching them with hands each time being blindfolded.



5. Build-it-up: The participant had to construct a tower or a building prototype using 50 straws given within the time limit.
6. Pic-o-mania: A team of participants were shown a group of pictures of different objects, sign boards, taken in our campus. They were supposed to search for these and get them clicked in their mobiles within the time limit.

All these fun events had a huge response and filled the participants with joy and enthusiasm.



The average Bugatti customer has about 84 cars, 3 jets and one yacht.

# VALEDICTORY FUNCTION



The car draws its inspiration from a Japanese revolutionary fighter aircraft Mitsubishi A6M "Zero", known for its very light and robust build. The use of high strength Aluminium for the floor, the uprights, the steering wheel, etc has made this car as light as possible without compromising its strength in any way. The team has worked hard to make this possible through a range of modern innovations that will ensure maximum performance and push us towards victory.

Zero comes with a low density, Dow IMPAXX 700 energy absorbing foam and a electronic gear shift mechanism actuated by solenoids controlled by paddles. Safety has always been the top priority in all phases and departments of design and hence every possible path that could compromise safety has been dealt with zero tolerance. A 6 point harness with arm restraints and an extensive side impact structure make the car a death-proof safety cell and the robust machine it is expected to be.

With the mighty Royal Enfield 500 as the engine, a supercharged power of 31 hp and a top speed of 100 kmph, ZERO has what it takes to endure throughout and stand out in the competition with a heart-pounding performance.

Following the success of Supra SAE India 2015, the team Ampere Motor sport India has started a legacy and has set a target for the teams to come. The team of 2016, consisting of 19 members, have come up with a redefined car, Ronin : Zero, with an all-new layout and with new innovations. Team ranked 54th in the Supra SAE India-2016 competition and 2nd in the state.



## TEAM MEMBERS

G Sri Krishna	V Manidhar	V Akhil	M Sri Bindu Manasa	N Pranay Reddy	V Shravani
Sai Chandar	Sree Ram Peddi	N Sri Ram Reddy	Sukdheep Singh Toor	V Varun Raj	
S Varshith	K Naveen Reddy	M Naveen Reddy	S Anuraga	Pavan Kumar	Dinesh Srinivas

## AUTOFACT#13

It is possible to set up a holiday meal inside a car's engine compartment and drive long enough to fully cook all of the food.



Most new cars fake engine noise through speakers. They are quite silent otherwise.

## SAE EFFICYCLE 2016



Effi cycle derived from Efficient cycle promotes the objective of providing opportunity to students to conceive, design and fabricate a three wheel configuration vehicle powered by human electric hybrid power. As today's major concern is pollution influencing the planet with global warming the hybrid car will be the future of a healthy planet.

At MVSREC, the students of the department formed a team called TRIKUT which got involved in design and fabrication of an Efficycle. This vehicle was to participate in the annual SAE Efficycle event.

The team worked efficiently to finish the calculations and fabrications in a short span. With guidance and support of faculty members and complete contribution from all the team members, the TRIKUT vehicle secured 31st position out of 150 participating teams.

### TEAM MEMBERS:

K. Sai Kiran	N. Joyce
N.Sai Krishna	V. Abhishek
P. Nithin Gupta	U. Aparna
M. Srinath	G. Prashanth
B. Harika	A.Gopi Krishna(team facilitator)



## SAE BAJA 2017

BAJA SAE is an intercollegiate design competition run by the society of Automobile Engineers Team of Students from universities all over the world, design and build small off-road cars. The cars all have engines of same specifications. Students of the department formed a team-'TEAM RATCHET' to participate in the SAE BAJA 2016. The TEAM RATCHET secured an overall position of 66 out of 419 participating teams. The experiences of the team are shared in their own words as follows: "Starting from zero every year is of no use. Upcoming team members should be aware of the previous vehicles. SAE BAJA is a great opportunity to get exposure regarding of the engineering talents in the country. We need to be aware of what is the difference between the team which stands first and our team. Design plays a crucial role here. All the team members should have good knowledge about the use of various components, modeling software, calculations of forces in working conditions, cost management and all the basic engineering subjects. The vehicle is to be designed according to the events and the rule book. Every team member should be aware of why a particular component is used and why only that particular material. Reasons for every conclusion and decision should be ready to be presented. Students can develop their team management skills, marketing skills, cost management skills and also can gain practical knowledge through such projects. The spontaneous ideas and guidance from the faculty advisors were our backbone at the event."-TEAM RATCHET

### TEAM MEMBERS:

Navulla Sai Krishna

Srihitha Borra

Shashank

Gopi Krishna

Vamshi Mankala

Srihitha Ravichettu

Mahesh Avula

Dinesh Reddy

Nagendra Babu

Shouri Reddy

R Venkata Sai Teja

Vamshi.N

Lalit Mohan

Phaneendra

Avinash Paila

Sandeep Goli

Achuyuth dasari

Sai Kiran

Shivanand

Shruthi Goggi

Manjari Vemula

Manasa

Kamal



### AUTOFACT#15

The world's fastest street-legal production car is the Bugatti Veyron Super Sport at 267 mph (431 km/h).

## INTERNATIONAL SERIES OF KARTING(ISK)

Engineering concepts are supported by the moto of "learn by practice". One such attempt was made in this academic year. 25 second year mechanical and automobile students formed a team-'TEAM INITIA'.They successfully designed and fabricated a gokart to take part at the International Series of Karting, held in Bengaluru on 20th – 23rd March'17.

The experiences of the team is shared below in their own words: "Engineering projects involving small investments help in greater and better understanding of the work.The event was a great learning experience, right from purchasing the materials to testing the Kart, we got to learn a lot of practical engineering. At the event we cleared the technical inspection with out any major issues – the braking test was cleared with the minor hassle while acceleration figures were achieved instantly. Overall the achieved static points weren't enough to crack through the top 28 and so we couldn't proceed to the final race – never the less we learnt so much from this venture and now we are all set to win the next ISK event." - TEAM INITIA



### TEAM MEMBERS:

Mir Farhan	Ekamruth Sharma	Talha Adil	Ravi Shankar	Nikhil Parki	Dasarai Poojith
Karan Rao	Rakshak Bharath	Abdul Shakoor	Abhinav Krishna	Abdul Ahad	Sai Rohith K
Mohd Shakir	Damu Mahendra	Gulzar Ahmed	Santosh Kumar	Kishore V	Achyuth Kaparathi
Yaghnya Reddy	Mayank	Sindhura Reddy	SriVatsasa	Lavanya	Srikanth Reddy
	Neel Vokkalkar				

## SAE INDIA Student Convention 2016

It is one of the most prestigious events hosted by SAE India. Student convention which is also termed as Tier events is the celebration of success for the annual activities under SAE India.

It consists of 3 tiers. Tier-1 - College level . Tier-2 State level , Tier-3 National level. Around 100+ students of our college had participated in tier-1 (College level) in about 30 events. After a series of filtrations 40 students were selected to participate in tier-2 (State level).

Tier-2 ,a high competition event among the colleges in two states Andhra Pradesh and Telangana was held on 27-01- 2017, hosted by Malla Reddy Engineering College, Hyderabad. The results of Tier-2 was a proud moment for us as our students got selected to participate in 15 events for Tier-3 National level and stood top in the two states.

The Tier-3 event was a national level event and was held in Kongu Engineering College, Erode, Tamilnadu, from 25-02- 17 to 26-02- 2017. 36 students of Mechanical and Automobile departments from our college participated in this event.

### Achievements in Tier-3

We participated in 14 tier events and 6 surprise events. Once again a proud moment for MVSR Engineering college. These are the first ever prizes received by our college from SAE India. The initiation itself is a massive hit. Our college stood 3rd out of 88 colleges in National level competition and 1st among all the colleges in Andhra Pradesh and Telangana. We managed to convert 10 events by winning 4 events in 1st position , 2 events in 2nd position and 4 events in 3rd position.

How things work -1st Bio mimicry - 2nd  
Ethical Hacking -1st Design review -2nd  
Process planning -1st Business plan -3rd  
Circuit Design -1st On board diagnostics - 3rd  
Plastic Die Engineering -3rd  
Manufacturing Tech challenge -1st

### Events Description:

These events involve design, analysis and fabrication aspects related to new industrial trends. Some events

improve knowledge regarding research and developments

in automotive sector. These events help in moving students technically beyond curriculum.

List of students who participated in tier events

R Ram

Sachindra

Sai Nitish

A L Leonard

P R Vikas reddy

C Sindhu

O Manaswin

Naushad Feroz

K Abhishek

S K Gulzar Ahmed

V Kishore

A Sai Teja

M A Ahad

M Sainath

Goutham Reddy

T Prashanth

Avinash K

L Praveen

Gautam Kalyan

S Srikanth

V Abhishek

Sri Ghana

M V S S Saicharan



V Preetham

S Phaneendhra

K Sai Rohith

G Vilas Raj

Purvesh

G Lokesh babu

M Farhan

D Nithin Kumar Guptha

P Nithin Guptha

C Lahari

Sahith

G Prashanth

G Vivek

T Nikhit

G Rajesh

D Rakesh

Ch Sruthi

S Jyothsna

R Sindhura

## ELITE RACING - EK15

Racing 2017 was a nationwide competition on Go Kart design, fabrication, optimization, racing but most importantly learning. Held in the month of February, in the city of Bhopal, the event was a well-planned and thought out venture with international sponsors like Mobil 1, Briggs & Stratton, JVC, along with National Institutions like The Federation of Motor Sports Clubs of India (FMSCI). It is a matter of great pleasure in introducing a team, from our very own college who've participated and excelled at this very nationally diverse event. Team Matrusri Racers, a group of 16 students, went to this event with a manually assembled and fabricated Kart, qualified for the main event and came 18 th in a very competitive 168 team race. Only 47 could compete in the final race event after a series of technical inspections, dynamic tests and design scrutiny by the team at Elite Racing. Judging by the 168 teams that came to the contest, 47 seems a very small number.

The journey began with a virtual round in the month of July 2016, in Bangalore. It was judged and marked by professionals at FMSCI. It required a good understanding of the engineering that goes into the entire process, the calculations, the design, workmanship etc. Our team finished 1 st in the Virtual Round, South India division, after an admirable show of thoughtfulness in calculating every nook and cranny of the Kart. Over the course of the next few months, the team spent hours on end manufacturing the Kart. The team overcame many challenges during the preparation for the event. Despite these struggles, they were backed by "Talwar Hyundai Mobis" as a chief sponsor for the Kart. At the race track, the team faced a couple of issues clearing the Technical Inspection but was cleared after working on the short comings. The maneuverability and braking tests were fruitful and helped the team score some vital points.



In the final race, the kart finished fourth in its batch and hence was deemed worthy of an Honorable Mention award.

**TEAM MEMBERS:**-D. Nikhil Kumar Rao, J.Santosh, N.SaiAlok Reddy, A.V.Sai Ram, P.Vijay Bhaskar, Srikar Yadav ,M.Sushant, Mohit Agarwal, K.Satyavrdhan, Shashank,Leela Sagar, Vidya Sagar, Md.Inayath, Uday Kanth, Shekar,Sri Ghana

## SAE SUPRA 2017

SUPRA - SAE INDIA is a great event which gives a real platform for students to test their engineering skills and refine them by learning from their mistakes. The students of the department formed a team-'TEAM AMPERE MOTORSPORTS' to participate in this event. The experiences of the team is shared as below in their own words: "SUPRA is all about accuracy and strength. From selection of an engine to designing a hub, accuracy cannot be compromised anywhere. After studying our previous vehicles and considering their drawbacks we opted to select KTM 390 engine due to its acceleration which should be a great advantage in the event. Students should definitely opt such projects as they not only add on to your career but also give a great learning experience and exposure. Students before choosing a project should be completely aware of what each project is. Technical knowledge is the most important aspect to any project. During the process of fabrication we gain exposure to various machining techniques and practical problems. For the same problem, 25 different minds might approach in 25 different ways. Hence we get to increase our knowledge. At the same time we need to improve our soft skills, team management etc." - TEAM Ampere MotorSports India

### TEAM MEMBERS:

C Pavan Kumar Reddy

Darshan Mehta

J Pruthvi Sai

R Gaurav Raj

M Anvesh

Abhiram P

Nikhil Parki

S Akhilesh

Dheeraj Reddy

T V Vishweshwar

Uday Kiran

C Revanth

J Aditya

Talha Adil

N Samyuktha

C Manogna

P Dinesh Reddy

Murali Rajendra

M S Indra Teja

Ammar Habeeb

Sree Krishna

B Vinoothna

P Ranadheer

P Siddharth



On behalf of Mechanical and Automobile department, we wish TEAM Ampere MotorSports India with their vehicle RONIN 2.0 good luck for the competition to be held in July 2017.

### AUTOFACT#19

Texting while driving increases the chances of a crash by 23 times.

**AUTOFACT#20**

In the early years of the 20th century, horses were causing so much pollution with their poop that cars were seen as the "green" alternative.

**SKETCHINGS & PAINTINGS**



**SUGANDHIKA, I MECH B**



**R SINDHURA ,II MECH B**



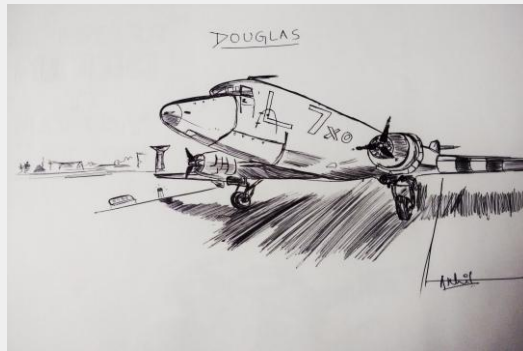
**SUGANDHIKA, I MECH B**



**CH SRUTHI ,II MECH B**



**AKHIL SUSARLA, III MECH A**



Rushing through mighty mountains  
Cleaning up all the terrains  
Flushing all bushes and herbs in my way  
I run with an ultimate goal to reach the bay  
I make oceans and erosions  
For many I am an occupation  
Pamper the people who come to me  
Tranquility and serenity they do see in me  
I travel through valleys and plains  
To protect land from drain  
I am not only drinking water storage  
Also bare fishes and forage  
Water currents in me are which at every one stare  
Natures beauty I am one to bare  
Roaring sounds I make at the shore  
Above all makes me adore.

----- KARAN SAI  
I MECH A

### BETI

Kisi shandaar haveli mein bauji ki laado hoon,  
Toh kahi papa ke pyaar ke liye tarasthi gudiya hoon.....  
Na chahiye mujhe koi pyaar ya kismat,  
Insaniyat ke naathe karlo meri thodi si izzat.....  
Vidah kardo par hamesha mere saath rehna,  
Vinathi karthi hoon, kabhi mujhe bhoj na kehna.....  
Kyun nahi samajthe yeh log ki main beti hoon,  
Koi samjao inhe, bhejne ki cheez nahi hoon.....  
Ladki hona sharam ki nahi hain baat,  
Har kadam pe hum hi toh dete hain ladko ka saath....  
Ek baar hume kithab pakadne ka mauka deke dekho,  
Samaaj kehne lagega-'beta inse kuch seeko'.....

----- SINDHURA  
II MECH B

Excuse me ma'am , sorry to disturb you  
I look for a school, to admit my son  
"ah' indeed, this is the right place for you  
And indeed, your worrying job is done  
Here, your child will get a ninety percent  
We do not coach them for less than grade A  
No single hour do we keep vacant  
It is about academics , all day"  
Signed the dad, in hopelessness  
We search not for schools of rhymes  
But to show kids, what's sun shine  
But to teach them godliness  
Lo! The schools of modern times  
Woe! The schools of modern times

----- SHAKOOR, II MECH A

### THE LITTLE RAG PICKER

They laugh at you  
For things you dint ever do  
But they have no clue  
What you go through  
Waking up in the dew  
Searching for the rats they threw  
Collecting with ease and excitement too  
Just for a little meal nothing new  
You dream of walking with atleast a shoe  
May be buddy you deserve two  
Your tiny hands covered with muddy glue  
Waving at the sky birds which flew  
Nobody bothers you up with flu  
Its just another day in queue  
Talking to street cats which mew  
My dear you innocently grew  
Its not your due  
The world is just a shrew  
Dangerous people with perfect hue  
Not even some in real blue  
May be you are glad too  
In your little world so true  
You deserve the best my boo  
Love yourself the way you do

----- SINDHU THOMAS  
II MECH B

### WE IN WORLD

Love, life, emotion  
The inner agony's, human perception  
Is that this world a mere material  
The reason we live and breath  
A world this messed in commotion  
Where war and rage is sometimes a good notion  
What may be good for one  
May not be for all, an ironic caution  
This land we live in and depend  
Is cut to pieces though as one  
" stop discrimination " we preach and speech  
But how true are we to ourselves

Imagine a time of zero knowledge  
The time when the evolution begin  
What is animal then? What is man?  
All the beings, the nature's by stand  
We stand still as we move  
In an aimless way we mime to groove  
Feeling right doing wrong  
Pity you, pity me resound, the god's sound

----- SRIKAR  
I MECH B

### AUTOFACT#21

Having no recollection of your drive to work or school (autopilot) is called  
"Highway Hypnosis".



**GATE 2017 QUALIFIERS**

NAME	ROLL NUMBER	GATE SCORE	ALL INDIA GATE RANK
A GOPI KRISHNA	2451-13-736-022	574/1000	8,952
S MANOJ KUMAR GOUD	2451-13- 736-006	535/1000	10,678
K P ADITHYA VARDHAN REDDY	2451-13- 736-012	477/1000	14,706
A NAGA SRAVYA LAKSHMI	2451-13- 736-076	352/1000	26,774

**OU TOPPERS****MECHANICAL ENGINEERING**

NAME OF THE STUDENT	ROLL NUMBER	RANK
GILLALA SAMITHA	2451-12- 736-085	RANK-VII

**AUTOMOBILE ENGINEERING**

NAME OF THE STUDENT	ROLL NUMBER	RANK
K AJAY KUMAR REDDY	2451-12- 769-002	RANK I
V KRISHNA PRIYA	2451-12- 769-008	RANK II
SAYED SHOEB GUL	2451-12- 769-049	RANK III

**CLASS TOPPERS**

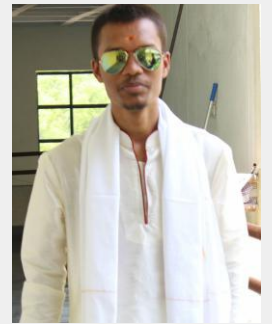
YEAR	NAME OF THE STUDENT	ROLL NUMBER	MARKS
B.E.1/4	M V KRISHNA	2451-15- 736-060	1105
B.E.2/4	D NITHIN KUMAR GUPTHA	2451-14- 736-063	1329
B.E.3/4	A N SRAVYA LAKSHMI	2451-13- 736-076	1307
B.E.4/4	GILLALA SAMITHA	2451-12- 736-085	4769
YEAR	NAME OF THE STUDENT	ROLL NUMBER	MARKS
B.E.1/4	B S MAYANK	2451-15- 769-008	1029
B.E.2/4	CH GANESH	2451-14- 769-038	1251
B.E.3/4	G SRI KRISHNA REDDY	2451-13- 769-029	1323
B.E.4/4	K AJAY KUMAR	2451-12- 769-002	4774



My college days at MVSREC were some of the best days of my life. I spent memorable days and nights along with my team mates at the R&D workshop of the department while preparing for technical events like BAJA , Efficycle and tier events. We faced many ups and downs during this preparation that has made our experiences more richer. My involvement with team members in organizing and participating in fests was a totally new experience for us during which we got to interact with many students and feel their pulse for the events. To end with , I say "DO WHAT YOU WISH AND BECOME WHAT YOU WANT TO BE"

**Phaneendra  
IV MECH A**

Mechanical. wow how vibrant it is to listen!.Engineering is that which prepares u for the rest of life ; it's like a coaching to crack the entrance exam of life ; it is where someone teaches ,someone learns ,someone fails ,someone succeeds but everyone cries definitely at the end . I would like to share a few words with my juniors, "We are like soldiers defending ourselves from exams, failures ,backlogs etc , to achieve what exactly we want and remember everything we are doing must be like at least 10 percent of what our parents are doing for us. Be strong , never give up!,Be serious, it's life ,not that easy to held up with".



**N Sai Krishna  
IV MECH A**

My life in MVSREC taught me a lot . Life is never the same at all stages ,it changes. My bad experiences turned out to be my best opportunities like taking up accounts and finance for the fests like Auto Cognizance and Akshay Urja . I had very good experiences being among the organizing team for the fests and these experiences brought out the best in me. I would like to share with my juniors a few thoughts : " Don't sail on two ships at a time, whatever you do give it 100%; Don't make your mind a mess and get confused with your own thoughts. Know your talents and keep working hard and the results will be wonderful.



**Gona.Rajesh  
IV MECH A**



**GROUP PIC OF  
IV MECH A(2013-17)**

**AUTOFACT#24**

When the car radio was introduced, some states wanted to ban it arguing that it could distract drivers and cause accidents.

My student life at MVSREC has been filled with lots of sweet memories. Participating in technical events like SAE BAJA, Efficycle, Quadcopter workshop, etc made me technically strong. Being a part of the organising team for fests like Autocognizance improved my soft skills like interacting with classmates, seniors, juniors, professionals, officials of various organisations, etc. My leadership skills also improved during my course of study. Organising GEARS workshop along with my friends for our juniors was a very delightful event for me. I want to share a few words with my juniors: "Try to actively participate in the activities of the department as they will hone your skills in academics as well as extra curricular activities". I am happy for the valuable lectures and suggestions from our faculty and staff at MVSREC that have made my education meaningful.

**G Vivek**  
**IV MECH A**



Auto Cognizance 2k17 was a great experience for me as well as my friends. Being a part of the organizing team was a great experience. In the events like trouble shooting, under the hood, etc., we learnt a lot about different bikes, cars, by interacting with many people. Events like these definitely provide scope for enlargement of our perspective as we get to see many practical aspects related to our education. I am happy to have been associated with activities like these at MVSREC and will cherish them always.

**Nithin Kumar Gupta Dacheppally**  
**III MECH B**

After choosing Automobile Engineering at MVSREC, my life was on wheels. It's where my dreams turned into my passion and passion into life. Apart from regular academics, it was fests like Autocognizance that set a golden stage for us to interact with seniors, faculty, experts from industry, etc. We learnt many new things through active interactions and exchange of ideas with colleagues, seniors and juniors and faculty members all through our study. I hope these will be useful in building up a strong career.

**Prashanth.G**  
**III Automobile Engg.**



**GROUP PIC OF IV MECH B (2013-2017)**

**EDITORS OF NEWSLETTER**



C SINDHU THOMAS



GV NIHARIKA



R SINDHURA



AVINASH K



T VAMSI



**"We are divided by Responsibilities and United by MESA"**