

Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar

Department of Mechanical Engineering

A REPORT ON THE ULTIMATE ATV CHALLENGE "MEGA ATV CHAMPIONSHIP
2017"

Autosports
INDIA

fmsci
The Federation of Motor Sports Clubs of India

OFF ROAD
Racing

MEGA ch ATV mpionship
THE ULTIMATE ATV CHALLENGE
Season - 2

Venue: Ahmednagar, Maharashtra
Dr. Vitthalrao Vikhe Patil College of Engineering
www.atvchampionship.com
atv@autosportsindia.com

11th - 14th
MARCH 2017

The Mega ATV Championship is an event for undergraduate engineering students, organized nationally by AutoSports India in association with Federation of Motorsports Club of India and supported by Polaris India. The event would be the first of its kind in India and would be at par with competition standards of USA, UK, Australia, Germany, Japan and Austria. Mega ATV Championship tasks the students to conceptualize the designs, built, test & validates a single-seated four wheeled all-terrain Vehicle (ATV) to

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take part in series of events spread across 4 days that test the vehicle for the sound engineering practice that have gone into it, the agility of the vehicle in terms of grade-ability, acceleration, suspension, traction, and maneuverability characteristics and finally its ability to endure in the back breaking durability test.

Mega ATV Championship 2017

The Mega ATV Championship 2017 Season-2 is slated for March 11th to 14th, 2017 to be conducted at the Dr. Vitthalrao Vikhe Patil College of Engineering, Ahmednagar, Maharashtra. It has received a registration of 100+ Engineering Institutes from all over the country. The amount to more than 5000 students being directly involved with the event and far greater reach through the delegates, officials, techies and local spectators. The Mega ATV Championship comprises Technical scrutiny, Static events, Dynamic events etc. All these events would finally lead up to the final MEGA ATV CHAMPIONSHIP 2017. The event is on track to be the biggest and best ATV Challenge of India. The event will feature Motocross, racing, and attract pro-designers and engineering students from all around the nation to compete and learn. The title contenders have to go through a series of real life challenges where not just the durability of the ATV but also the team's breaking point would be put to test.

MAC 2017 Registration Demographics

40 ■ Maharashtra	09 ■ Gujrat	11 ■ Punjab & Haryana	05 ■ Madhya pradesh
31 ■ Tamil Nadu	07 ■ Uttar Pradesh	10 ■ Kamataka	05 ■ Rajasthan
26 ■ Chennai	06 ■ Telangana	09 ■ Delhi	04 ■ Odisha

Technical Events

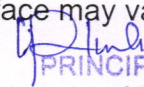
Technical Evaluations:

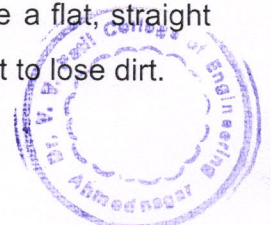
Safety will be our topmost priority. So, first and foremost the ATV buggy will have to meet specifications of the rule book. Teams will have to bring in a machine to effectively tackle real world situations and be durable and ergonomically sound as well. Teams will have to present their vehicle to inspectors and pass a very moderate level inspection. Teams will be judged by rule book safety regulations.

Drag Race:

This event is designed to measure each vehicle's ability to come up to speed quickly from a standing start. Acceleration is measured as the time to complete a flat, straight course from a standing start. The course surface may vary from pavement to loose dirt.

Mountain Race:


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Flat Dirt Race: The vehicles are to be driven over dirt track on the ground. The course may consist of a variety of challenges at the organizer's option, possibly including tight turns, pylon manoeuvres and booby traps, but most of the tracks will be flat. The challenge is to complete the track in minimum time.

The tracks will be tilted, filled with muds, small pieces of rocks, log of trees, big rocks, ups and downs, filled with water at some level. The track will also contain some booby traps. There will be some jumping tracks where vehicles may take jumps from 4 feet heights. The track will fill with obstacles with makes this event interesting as well as dangerous. The challenge is to complete the track in minimum time.

Racing at night is nothing new in the likes of endurance racing, but it has now been introduced in a whole host of motorsport series, even ones without headlights. The NIGHT RACE is an endurance race and tracks will be normal off-road track but the only exception is it will happen at night with lights that are attached on vehicles alone. The challenge is to complete the maximum number of laps.

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संस्कृत भाषा


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हटा दी जाती है




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Schedule


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MEGACHAMPIONSHIP
THE ULTIMATE ATV CHALLENGE

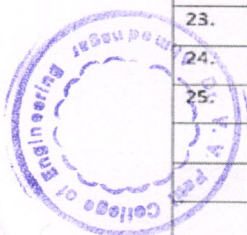


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Sl.No	Description	Venue	Time	Date
A.	Registration opens online with Event Announcement	Ahmednagar		1 st July 2016
B.	Online Registration Closed			5 th Jan. 2017
C.	EVENT START (On-Ground)	Ahmednagar	08:00hrs	Monday 13 th March 2017
1.	Participant Reporting & Registration		08:00hrs	
2.	Pit Allocation		08:00hrs	
3.	Participants Kit Distribution		08:00hrs	
LUNCH BREAK – 12:30hrs to 13:30hrs				
4.	Static Inspection	Pit Area	08:30hrs	
6.	Public Entry		17:00hrs	
7.	Inauguration	Main Stage Area	18:00hrs	
8.	Fire cracker show	Main Stage Area	18:30hrs	
9.	Area Closing		21:00hrs	
10.	Participant Reporting	Pit Area	08:00hrs	Tuesday 14 th March 2017
11.	Break test	Track 2	10:00hrs	
LUNCH BREAK – 13:30hrs to 14:00hrs				
12.	Public Entry	Entry Gate	13:30hrs	
13.	Drag Race	Track 3	14:00hrs	
	Area Closing		21:30hrs	
14.	Participant Reporting	Pit Area	08:00hrs	Wednesday 15 th March 2017
15.	Public Entry	Entry Gate	08:30hrs	
16.	Flat Dirt Race	Track 1	09:00hrs	
LUNCH BREAK – 13:30hrs to 14:00hrs				
17.	Armageddon	Track 4	14:00hrs	
18.	VIP guest visit	Main Stage Area	18:00hrs	
	Area Closing		21:30hrs	
19.	Participant Reporting	Pit Area	08:00hrs	Thursday 16 th March 2017
20.	Public Entry	Entry Gate	09:00hrs	
21.	Mountain Rider race	Track 1	09:30hrs	
LUNCH BREAK – 13:30hrs to 13:30hrs				
22.	VIP guest visit		17:00hrs	
23.	Black out race	Track 1	17:30hrs	
24.	Prize Distribution	Main Stage Area	22:00hrs	
25.	Closing Ceremony	Main Stage Area	22:30hrs	
	Area Closing		23:00hrs	
26.	Vehicle Pickup		10:00hrs	Friday 17 th March 2017



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Winners for the Event

Category	1st	2nd	3rd
Flat Dirt Race	Team jatayu	Stallions Racing	Team Sparkx
Drag Race	Team Red Baron	Team Jatayu	Stallions Racing
Armageddon Race	Stallions Racing	Team Red Baron	Team Jatayu
Blackout Race	Team Red Baron	Stallions Racing	Team Sparkx
Endurance Race	Team Red Baron	Stallions Racing	Team Sparkx

Glimes of Event on Youtube:

1. <https://www.youtube.com/watch?v=sfHji3yVnO0&t=415s>
2. <https://www.youtube.com/watch?v=PHQDe1MyyTE>
3. <https://www.youtube.com/watch?v=PwnezZIBx80>
4. <https://www.youtube.com/watch?v=AeF9z3xWPAo>
5. <https://www.youtube.com/watch?v=mFEeyMiqCWQ>



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