

A Report on

**‘MEGA ATV CHAMPIONSHIP 2019’**

From 25<sup>th</sup> to 29<sup>th</sup> March 2020 at Querim Beach , Goa

Organized by Autosport India in association with FMSCI.

Team Redline Racing had decided to participate in the event Mega ATV Championship Season-V organized by Autosport India in association with FMSCI. This was our 2<sup>nd</sup> year participation for the event. We had successfully cleared the virtual rounds of the event which was the entry criteria for the event. Once completing the virtual round, we started upgrading the vehicle and tested it thoroughly.

As the Baja registrations were closed by the time, team was formed and also a new team was suggested to form in K S School Engineering and Management (KSSEM); permissions were taken from **Dr. K V A Balaji**, CEO, KSGI; **Dr.K. Rama Narasimha**, Principal, KSSEM; **Dr. Balaji B**, Head, Dept. of Mech. Engg., and permission from **Dr.T.V Govindaraju**, Principal, KSIT and **Prof. Umashankar M**, Head, Dept. of Mech. Engg.

As we had the vehicle ready and KSSEM campus had a ground, so we decided to give driver more practice as we could not find time for drivers practice previous year. The Mega ATV championship track is more dynamic oriented which will be vigorous than the Baja track. So to strengthen the vehicle we had install Ribs and support structures which are small in size but will impact in larger scale when applied in practically.

**IMPROVEMENTS:**

During last year Baja race 2019 brake lines, steering rack mounts, shafts were damaged. This year we designed and fabricated a better brake disc which dissipates heat more efficiently and also got customized steel braided stronger brake lines. The new steering rack mounts and stronger butt welded shafts were used .As previous driver gear and safety equipment were expired as per rule book, So new driver gear and safety equipment and tools were brought, better hub and knuckle were designed and fabricated to withstand more stress and new graphics were designed this year. We had performed iterations on transmissions. We were able to perform 70 transmission iterations for different tracks such as acceleration, torque, suspension and so on, so the driver was very comfortable and confident about performance of the vehicle this time as compared previous year.

**TEAM DETAILS:**

Faculty advisors: **Dr. Nagaprasad. K.S.**

**Dr. Balaji B**

**KSIT STUDENTS:**

SI No	Team Member	Year of Studing	Role
1	Pramod R	4 <sup>th</sup>	Brakes
2	Shiva Shankar B M	4 <sup>th</sup>	Suspension & Steering
3	Prakash Raju S	4 <sup>th</sup>	Transmission
4	Ashwin Maiya M	4 <sup>th</sup>	Roll Cage
5	Manoj R	4 <sup>th</sup>	Roll Cage
6	Jagadish P Shetti	4 <sup>th</sup>	Steering
7	Chandan Kumar N P	4 <sup>th</sup>	Roll Cage
8	Ashok K Karmali	4 <sup>th</sup>	Roll Cage
9	Molakalu Punith	3 <sup>rd</sup>	Brakes
10	Nitin L	3 <sup>rd</sup>	Steering
11	Kundan L	3 <sup>rd</sup>	Suspension
12	Karan C	1 <sup>st</sup>	Brakes
13	Eshwaran P	3 <sup>rd</sup>	Brakes
14	Jagruth S	2 <sup>nd</sup>	Steering
15	Arun Kumar M	1 <sup>st</sup>	Steering
16	Sri Krishna Santosh K	1 <sup>st</sup>	Suspension
17	Tilak P	1 <sup>st</sup>	Roll Cage
18	R Manoj Reddy	1 <sup>st</sup>	Transmission
19	Bhavan Kashyap K	1 <sup>st</sup>	Transmission
20	Dhanush Gowda M	1 <sup>st</sup>	Transmission
21	Vaishnav H	1 <sup>st</sup>	Suspension

**KSSEM STUDENTS:**

Sl. No.	Team Member Name	Year Of Studying	Role
22	Rakesh K L	4 <sup>th</sup>	Rollcage
23	Vikram Sai	4 <sup>th</sup>	Brakes
24	Akshay Kumar P N	3 <sup>rd</sup>	Brakes
25	Abijith Jayaram	3 <sup>rd</sup>	Roll Cage
26	Mahendra S	3 <sup>rd</sup>	Suspension
27	Sathvik R	3 <sup>rd</sup>	Steering
28	Syed Tousif	3 <sup>rd</sup>	Suspension
29	Naveen Kumar R	1 <sup>st</sup>	Transmission
30	Moksha Vardhan V J	1 <sup>st</sup>	Transmission



**Photograph 1: Vehicle ready to compete**



**Photograph 2: Ramp Test**



**Photography 3: Drop Test**



**Photograph 4: Vehicle testing in Rough tracks**



**Photograph 5: Suspension Testing**



**Photograph 6: Team with faculty advisor**

Due to COVID-19 pandemic the event has been postponed as there was a serious spike in active cases. **The event has been postponed between January and March 2021.** The Registration fee which we had deposited now will be carried out to next year. In which the same team members or different team members will participate in the event Mega ATV Championship 2021.

**Submitted by:**

**Team Redline Racing, KSIT, Bengaluru.**

**Date: 18-08-2020**

**Email Received From Organizers Stating Postponement of Event**



NAGAPRASAD K S <nagaprasadks@ksit.edu.in>

---

**Fwd: NOTICE REGARDING EVENT & REGISTRATION STATUS**

1 message

---

**Redline Racing** <redlineracingksit@gmail.com>  
To: nagaprasadks@ksit.edu.in

Tue, Jul 28, 2020 at 4:46 PM

----- Forwarded message -----

From: **Redline Racing** <redlineracingksit@gmail.com>  
Date: Tue, 28 Jul, 2020, 4:37 pm  
Subject: Fwd: NOTICE REGARDING EVENT & REGISTRATION STATUS  
To: Punithpunith <punithpunith512@gmail.com>

----- Forwarded message -----

From: **Mega ATV Championship 2020** <mail@atvchampionship.com>  
Date: Sat, 11 Jul, 2020, 3:58 pm  
Subject: NOTICE REGARDING EVENT & REGISTRATION STATUS  
To: <notification@atvchampionship.com>

Dear Team,

We hope you are doing safe in this situation!

Considering the current situation of the country, we can see very little hope for conducting the Mega ATV Championship: Season 5 this year. As a safety measure, the event is expected to happen between January to March 2021. Some points to consider are as follows:

- 1) The existing registrations would be carried forward.
- 2) It's up to the team's choice to keep the same team or alter the team as per convenience. (i.e Students Graduating in 2020 can also participate)
- 3) The vehicle made as per the previous rule book will be valid for the upcoming event

Stay Home, Be Safe!

--

**Team Autosports India**

[www.autosportsindia.com](http://www.autosportsindia.com)

\*\*\*\*\* Autosports India \*\*\*\*\* CAUTION - Disclaimer \*\*\*\*\* Autosports India \*\*\*\*\*

The information contained in this e-mail and any attachment(s) to this message are intended for the exclusive use of the addressee(s) and may contain proprietary, confidential or privileged information of Autosports India. If you are not the intended recipient, you are notified that any review, use, any form of reproduction, dissemination, copying, disclosure, modification, distribution and/or publication of this e-mail message, contents or its attachment(s) is strictly prohibited and you are requested to notify us the same immediately by phone, fax or e-mail and delete this mail immediately. Autosports India accepts no liability for e-mail errors or omissions or consequences which may arise as a result of this e-mail transmission.

To know more about Autosports India please visit <http://www.autosportsindia.com>

\*\*\*\*\* Autosports India \*\*\*\*\* End of Disclaimer \*\*\*\*\* Autosports India \*\*\*\*\*

