



ABOUT SAE

SAE International, known as the Society of Automotive Engineers, is a U.S.-based, globally active professional association and standards developing organization for engineering professionals in various industries. Principal emphasis is placed on global transport industries such as aerospace, automotive, and commercial vehicles. SAE International has over 138,000 global members. Membership is granted to individuals, rather than companies. Aside from its standardization efforts, SAE International also devotes resources to projects and programs in STEM education, professional certification, and collegiate design competitions.

SAEINDIA is India's leading resource for mobility technology. As an individual member-driven society of mobility practitioners, the ownership of SAEINDIA rests with its members who are individuals from the mobility community, which includes Engineers Executives from Industry, Government Officials, Academics and Students.

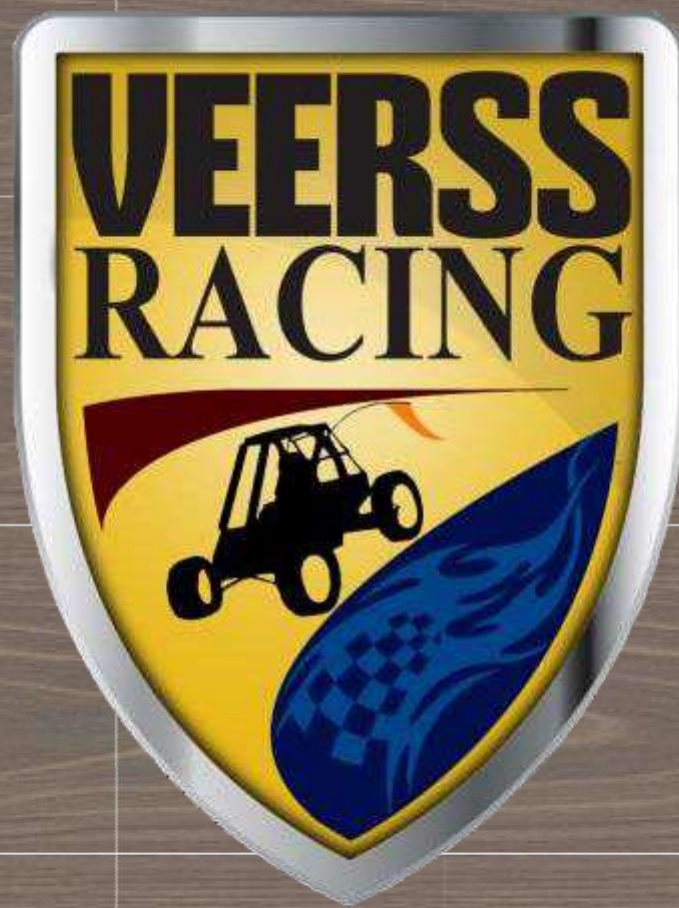
SAEINDIA is a strategic alliance partner of SAE International registered in India as an Indian nonprofit engineering and scientific society dedicated to the advancement of the mobility industry in India.

In our college the SAE is divided into two parts to facilitate and encourage the automotive enthusiasts to participate in different events.

- BAJA SAE CLUB- Team VEERSS Racing**
- SUPRA SAE CLUB- Team VEERRACERSS**

SELECTION PROCESS: -

- At first, all the interested students are given a briefing class about the Teams, activities & the work every member does in the respective teams.**
- After the classes are done, a test is conducted on the different departments and marketing skills.**
- On qualifying the test, a Personal Interview is conducted by both the clubs jointly with the students to divide them into different teams and fields in the respective team.**



TEAM VEERSS RACING

ABOUT BAJA SAE



ABOUT US



CHITKARA UNIVERSITY 

Team VEERss Racing is a team of 35 undergraduate student engineers and automobile enthusiasts every student going an extra mile for a common ambition of being at front steps of global student motorsports designed and fabricate to compete at different BAJA Events. The prototype vehicle is judged in the areas of Engineering Design, Cost effectiveness, Marketability & Performance. The vehicle is made to be in line with the stringent norms laid down by the events.



TEAM STRUCTURE

The team mainly comprises of different departments which work in conjunction to build the final vehicle.

The departments namely are:-

1. Chassis & Design
2. Vehicle Dynamics
3. Engine and Transmission
4. Brakes & Tyres
5. Aerodynamics & Ergonomics
6. Marketing & Management
7. Graphic Design
8. Drivers

ACHIVEMENTS

IoKE I

Debut in BAJA CDS event 2012
Completed endurance run and finished
14th
Overall 15th



IoKEII

Finished endurance run at 8th position
Qualified for international version
at Washington DC



IoKE III

Top 5 in CAE award
Finished 34th in overall
charts



IoKEIV

Participated in BSI2015
6th most cost effective design
8th Best Design Model



IoKE V

Participated in BSI 2015
Ranked 1st in Cost Presentation
Ranked 2nd in Endurance Run
Ranked 5th in Design
Presentation
Ranked 4th in Overall Charts

IoKE VII

Ranked 1st in Endurance Run in
ESI
Ranked 1st in Dirt X in ESI
Ranked 6th in in ESI
Ranked 6th in Overall Charts in
ESI
Ranked 8th in Endurance Run in
BAJA SAE
Ranked 15th in Overall Charts in
BAJA SAE



IoKE VI

Secured position among
design finalists
Among top 5 teams CAE awards

IoKE VIII

Ranked 6TH IN Cost in BAJASAE
Ranked 9th in ENDURANCE Run
in BAJASAE
Ranked 14th Overall chartson
BAJASAE

PERFORMANCE LAST SEASON



IoKE IX

Ranked 1st in Design
Presentation
Ranked 1st in Go-Green
Event
Ranked 1st in CAE
Evaluation
Ranked 3rd in Cost
Evaluation

MEDIA PRESENCE

'ବରା ସେ ଇଣ୍ଡିଆ'ରେ ଲିସ୍ତୁର ଛାତ୍ରଙ୍କ ରେକର୍ଡ

ଡିଜାଇନିଂରେ ବୀର୍ଯ୍ୟ ରେସିଂକୁ ପ୍ରଥମ ପୁରସ୍କାର

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ଶେଷୋଦ୍ଧାର ପାଞ୍ଚଶ ଶେଷଭୁବନ ୨୨
ଲକ୍ଷ୍ମୀ ଚିନ୍ତା ଏହି କାର୍ଯ୍ୟ ନିର୍ମାଣ କରିଛନ୍ତି।
ଯାହାକି ସମସ୍ତପ୍ରକାର ଅନ୍ଧକରଣ
ରୁଟି ଭେଦିବାଦୀର ବିଶେଷତାକୁ
କାର୍ଯ୍ୟ ନିର୍ମାଣ ଅନ୍ଧ ଭେଦି କାର୍ଯ୍ୟ
କରିପାରୁଥିବା ସମସ୍ତଙ୍କ ସମସ୍ତଙ୍କୁ
ପରସ୍ତ ପକାର ଏହି କାର୍ଯ୍ୟ କେଣ କଲ
ରହିପାରୁଛି। ଏହି କାର୍ଯ୍ୟ ପରମ ମଧ୍ୟ
ଅନ୍ଧ ଭେଦି କାର୍ଯ୍ୟ ଭୁବନରେ ଯଥେଷ୍ଟ
କର୍ମ ରହିଛି। ଏହାର ଉପର ମାତ୍ର
୧୨୩। ବିଶ୍ୱ ରହିଥିବା ବୃକ୍ଷଯାଗଣା
କାର୍ଯ୍ୟକ୍ରମରେ ଏହି ଏକ ଲକ୍ଷ୍ୟ ପରସ୍ତ
ଆସିଥିବା ଅନୁମାନନ ଏହି କାର୍ଯ୍ୟ
ଶେଷୋଦ୍ଧାର କରିପାରେ। ଶେଷ ଏକଟି
ପରମକ ଶାନ୍ତିଶାନ୍ତି ଆଗକୁ ଆସିବୁ
ଆସିବ ଦୁଆ ମୁଆ ଆସିବୁ। କରିବୁ
ସେହୋଦ୍ଧାର କରିବ ବୋଲି ଚିନ୍ତା ପରସ୍ତ
ବୃକ୍ଷଯାଗଣା।

First prize for VSSUT team

Sambalpur: Team VEER-Racings of Veer Surendra Sai University of Technology (VSSUT) bagged first prize for their light weight all-terrain vehicle (ATV) at Baja-SAE India, hosted by Chitkara University in Punjab. The event was organised by SAE India in association with Mahindra and ARAI. Team VEER-Racings' vehicle, weighing just 133 kg, officially inaugurated by SAE India officials and organisers, turned out to be the lightest at the event. Over the years, the team has been striving to craft lightweight all-terrain vehicle capable of moving on hilly and muddy areas. The team, led by Sovenraj Patra, a student of final year, Electrical Engineering, comprised 21 members. This innovative all-terrain vehicle bagged first prize in engineering design, computer aided engineering and go green categories. Besides, it was awarded third prize in cost presentation with a cash prize of ₹1.5 lakh.

ଭିସ୍ତ୍ରୁଟ ପ୍ରକାଶକୁ ଜାତୀୟ ପୁରସ୍କାର

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ଆଇଡବଲ-୯ ପଞ୍ଚମ ବିଶାଖର ଉତ୍ତରାଞ୍ଚଳ ଏବଂ ଏକ୍ସିଡିଗେ
ଇଉରୋପୀୟ ଇନକୌଶଲ ପ୍ରୟୋଗରୁ ଦିନକୁ ଦିନ ଆହୁରି



ଜାଣନ୍ତି ଓ ପ୍ରଶ୍ନକାରୀ ହେବାରେ ଲାଗିଛି । ଅନ୍ୟାନ୍ୟ ଲୋକଙ୍କୁ ଓ ବି-କେନ୍ଦ୍ରରେଗିରି ସ୍ବପ୍ନେଷଣ ସହିତ ପ୍ରାନ୍ତନିଶ୍ଚୟ କୁଳି ଫିଟରେ ଏହି ପ୍ରକଳ୍ପ ଆରମ୍ଭ ହେଉଥିବା ବିଶ୍ବାସର ବାବୁର ରୋଷି ନାନାଦ ଏହି ଏକାକି ଲୋକଙ୍କୁ ହାସଲ କରି ଥିବା ପ୍ରକାଶ ।

ଉତ୍ସର୍ଗ ଏବଂ ଉଦ୍ଦେଶ୍ୟ



ପରୀକ୍ଷା, ୧୧ମା/୧୯୭୯-୮୦:

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ଭିସ୍ମିତ ଛାତ୍ର ବାଜା ଏସଏଲ-୨୦ ବିଜେଡା

• ପ୍ରସ୍ତୁତପୁର, ପିଏନଏସ୍: ବୁର୍ଲା ଜିଲ୍ଲାର ଛାତ୍ର ଆଦ୍ୟଦଳର ଗଜେନ୍ଦ୍ର ନିର୍ବାଣୀ ଜଣେ ବାଘା ଦେଶର ଦୁର୍ଦ୍ଦି ଆକର୍ଷଣ କରିଥିବା ଜଣୁଛନ୍ତି ଛାତ୍ରଗଣ। ଏଥର ଶ୍ରେଷ୍ଠ ଉତ୍ତମପୁର ବିଜାଳର ଲାଗି ବାଘା ଏସଏସ୍ ୨୦୨୦ ବିଜେତା ହୋଇଛନ୍ତି । ଜିଲ୍ଲା ସରକାର ଏହାପାଇଁ ବିଜେତା ଟ୍ରଫି ସହ ୧.୫୦ ଲକ୍ଷ ଟଙ୍କା ପୁରସ୍କାର ରାଶି ପାଉଛନ୍ତି । ଏମାନେ ପୋଲିସ ବିଦ୍ୟାର ବିଶ୍ୱବିଦ୍ୟାଳୟର ଏସଏସ୍ ଇଣ୍ଟ୍ରା, ମାଟ୍ରିକ୍ ଓ ଏଲଏଲଏଲରୁ ନିର୍ଦ୍ଦିତ ଆହୁବୁଦ୍ଧ୍ୟରେ ବାଘା ଏସଏସ୍ ଇଣ୍ଟ୍ରା ପ୍ରତିଯୋଗିତା ଅନୁଷ୍ଠିତ ହୋଇଥିଲା । ଏହାପରେ ଜିଲ୍ଲାର ଛାତ୍ର ଶୋଭାଗାଥ ପାଠକ ଦେବୁବଳେ ୨୧ ଇଣ୍ଟ୍ରା ଛାତ୍ର ଏବଂ ନିଜସ୍ବ କ୍ୟାମ୍ପର ଗଜେନ୍ଦ୍ରବାଘାରେ ପ୍ରସ୍ତୁତ ଅଲଗାରେ ବାଘା ସାନ ନେଇ ଆଶ୍ଚର୍ଯ୍ୟ କରିଥିଲେ । ଏହି ସାନ ନିର୍ବାଣୀରେ ମୋକ୍ଷନିକାର, ଉତ୍ତମପୁର, ଉତ୍ତରାଖଣ୍ଡର ଓ ଜହ୍ନପୁରର ବିଜାଳର ଛାତ୍ର ମାନେ ସାମିଲ ହୋଇଥିଲେ । ଜିଲ୍ଲାର ବାଘା ସାନ ନେଇ ଦୁର୍ଦ୍ଦିର ସାଥୀ ଡିଜ୍ଞା, ଉତ୍ତମପୁର ବିଜାଳର, ଜହ୍ନପୁରର ଉତ୍ତମପୁର ଓ ଗୋ-ସ୍ମିନ ଲାଗି ବିଜେତା ହୋଇଥିବା ଦେଶର ନିର୍ବାଣୀ ଏହି ଦୁର୍ଦ୍ଦିର ଦୁଇୟ ସ୍ଥାନ ଅଧିକାର କରନ୍ତି । ଏହି ସାନ ଗଜେନ୍ଦ୍ର ଏବେ ଆଉ ଅନିବାର୍ଯ୍ୟ ପ୍ରସ୍ତୁତ ବିଦ୍ୟା ପ୍ରଦେଶ ଗଜେନ୍ଦ୍ର ଲାଗି ବାଘା ।



Team Members

Final years

1. Priyanshu Kanungo (Captain)
2. Arka Chatterjee (Technical Head)
3. Asis Kumar Dalei (Manufacturing Head)
4. Chandan Sethi (Vehicle Dynamics Head)
5. Jyoti Prakash Sahoo (Chassis Design Head)
6. Ritesh Sahu (Brakes Head)
7. Sahil Panda (Team Manager)
8. Siddharth Mohapatra (Transmission Head)
9. Swadhin Mohanty (Steering and Marketing Head)

Pre final-years

1. Soumya Kanta Panda (Design and CAE Engineer)
2. Sudip Chand (Suspension Head)
3. Kumuda Ranjan Pati (Manufacturing & Welding Engineer)

2nd years

1. Aryan Duttaterya Dixit
2. Payal Mittal
3. Prachi Priyasha

4. Bilash Mahapatra
5. Smriti Ranjansathpathy
6. Pritam Pradhan
7. Hrishikesh Pradhan
8. Arup Kumar Jena
9. Tanmay Raj
10. Nikita Marandi
11. Smriti Ranjansathpathy
12. Pritam Pradhan
13. Hrishikesh Pradhan
14. Arup Kumar Jena
15. Tanmay Raj
16. Nikita Marandi
17. Subrat Patel
18. Dibyajyoti Muduli
19. Rajat Risabh Pradhan
20. Siddharth Suman Moharana
21. Swarnamayee Biswal

PLANS FOR loKE X

Learning from past BAJA experiences, Team VEERss Racing here stands to design their best in the upcoming event with sheer goals. With an indomitable zeal to reach the peak, we here at bajato conquer. loKE X is soon going to have a sneak peek into its brand new design and analysis with higher performance in every aspect

loKE X Features:

- Ultra Light Chassis
- Infinitely adjustable suspension system
- Improved Transmission System
- Improved Ergonomics
- Lightest loKE ever
- Customized Brake Calipers
- Introduction to electric vehicle

CONTACT US

GET CONNECTED TO US ON



@TeamVEERssRacing



@team_veerssracing



@Team VEERss Racing



@VEERss Racing

**For any queries, write to us at
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TEAM VEERRACERS

ABOUT SUPRA SAE





Formula Student is a student engineering competition held annually. It started in the UK but today the concept has spread to many other countries. Student teams from around the world design, build, test and race a small scale formula style racing car. The cars are judged on a no. of criteria such as engineering design, cost effectiveness, etc. It is run by the institution of mechanical engineers and uses the same rules as the original formula SAE with supplementary regulations.

Team Members

FINAL YEARS

1. DebapriyaSwain(Captain)
2. SouravKumar Sarangi (SuspensionHead)
3. TekchandSahu (SteeringHead)
4. AnubratPadhee(TechnicalHead)
5. SthitapragyanRath (ManufacturingHead)
6. PrayagRaj Mishra (ChassisHead)
7. Swagatsamal(Teammanager)
8. Sameer sahaya(Driver)
9. SubhashisNayak
10. SoniyaThakur

PRE FINAL YEARS

1. Bhairab PrasadKantu
2. DSubham
3. AnuragSamal
4. ShubhamNaik(TeamManager)
5. Siddhi PragyanSahoo
6. SritamTripathy
7. SwetaprakashMishra
8. OmkarAgarwal
9. DebeshLath

2ndyears

1. AnimeshMahapatra
2. KunalRanjanKalari
3. GargiGoutamiB
4. L SirishaSteering
5. Ankitapriyadarshini
6. DeveshiPatroSuspension
7. Tapas MandalT
8. Mandeepsingh
9. NishantBadu
10. ASwati
11. Annada
12. PriyankaBiswal
13. EmilTopno
14. SabyasachiNanda
15. Aryan AmitabhPanigrahi
16. SaswatMohanty
17. RanjeetaMarndi
18. RanjitBehera
19. RohitKumarSingh
20. VasundharaSaraf
21. BalgopalBiswal
22. ShubhasmitaBehera

TEAM STRUCTURE

The team mainly comprises of different departments which work in conjunction to build the final vehicle.

The departments namely are:-

- 1. Chassis & Design**
- 2. Vehicle Dynamics**
- 3. Engine and Transmission**
- 4. Brakes & Tyres**
- 5. Aerodynamics & Ergonomics**
- 6. Marketing & Management**
- 7. Graphic Design**
- 8. Drivers**

ACHIVEMENTS

SUPRA SAE 2018

AIR 3 in DESIGN (2nd Runners Up)
AIR 7 in ENDURANCE
AIR 7 in COST
AIR 9 in OVERALL

FORMULA BHARAT 2018

AIR 29 in RULESQUIZ



FORMULA BHARAT 2019

AIR 14 in RULESQUIZ

FFS INDIA 2019

AIR 3 in COST
AIR 4 in DESIGN
AIR 7 OVERALL

RESEARCH & DEVELOPMENT

1. Compact & Lightweight.
2. Outer Differential.
3. High Power-to-Weight Ratio.
4. Side-Wings aid in Aerodynamic Efficiency.
5. Adjust Seat for attaining suitable driving position.
6. Integrated Geo-positioning System for better guidance on Track.
7. Sway-Bar for reducing Body Roll during High-Speed Cornering.
8. Thin mild steel sheet of 0.68mm.
9. AISI 1018 Wishbones and Aluminum 7050 used in other suspension components for High Strength-to-Weight Ratio.
10. Hard Anodized Aluminum 7050 T6 customized Sprocket with Final Drive Ratio 15:54 for more torque and acceleration.

PLAN FOR VENTUS 6.0

- **Ultra LightChassis**
- **adjustable suspensionsystem**
- **Betterergonomics**
- **Customized BrakeCalipers**
- **Improved electricalsystem**
- **Introductiontoelectric vehicle**

CONTACT US

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