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Visvesvaraya Technological University, Belagavi.

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Prof. Satish Annigeri

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Prof. K. V. Malini, Prof & HOD(EEE), SSCE, Bengaluru.

Mr. Divyanshu Verma, Intel.

CO-ORDINATORS

Mr. Harish Babu L

Asst. Professor, Dept. of Mechanical Engg, SSCE, Bengaluru

Mrs. Aruna R

Asst. Professor, Dept. of ECE, SSCE, Bengaluru

Sri Leo Muthu
Innovation
centre



About The Institution

Sri Sairam College of Engineering is established in the year 1997 by well-known philanthropist MJE Ln. Leo Muthu, Founder Chairman, Sairam Institutions. Sri Sairam College of Engineering is managed by Sapthagiri Educational & Charitable Trust, Bengaluru. The college is excelling in all areas of Engineering Education under the visionary leadership of Sri. Sai Prakash LeoMuthu, Chairman & CEO, Sairam Institutions and our college is rated as one of the Top Engineering colleges by various leading publications like Times of India, India Today, Outlook, Dataquest, The week, Higher Education Review & Education World, in their Survey.

Our Vision

We Dedicate and commit ourselves to achieve, sustain and foster unmatched excellence in Technical Education. To this end, we will pursue continuous development of infrastructure and enhance state-of-the-art equipment to provide our students a technological up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and inculcate in them ethical and moral values.

Our Mission

To emerge as a "centre for excellence" offering Technical Education and Research opportunities of very high standards to students, develop the total personality of the individual, and instill high levels of discipline and strive to set global standards, making our students technologically superior and ethically strong, who in turn shall contribute to the advancement of society and humankind.



VTU TEQIP 1.3 Sponsored

Six days workshop on

**Design and Fabrication
of Go-kart Vehicle
(For Women)**

25th - 30th July 2019

In Association with



Visvesvaraya Technological University

Jnana Sangama, Belagavi, Karnataka

Aryabhata Knowledge University

Patna, Bihar

Biju Patnaik University of Technology

Rourkela, Odisha



Organized by

**Department of
Mechanical Engineering**



**Sri
SAIRAM
COLLEGE OF ENGINEERING**

Sai Leo Nagar, Guddanahalli (PO)
Anekal, Bengaluru

FOR FURTHER DETAILS

Prof. Harish Babu L - 9036527118

Prof. Muthuvel. A - 8667059309

Prof. Arunkumar. M. R - 9886580067

Student Coordinator

Ramya. G - 8861206090



VTU TEQIP 1.3 Sponsored

Six days workshop on



Design & Fabrication of Go-Kart Vehicle (For Women)

Registration Form

25th - 30th July 2019

Name :- _____

Branch :- _____

Year/ Sem :- _____

Address :- _____

Phone No :- _____

Email Id :- _____

Bonafied Students of VTU affiliated colleges of all branches are eligible to take part in the workshop. For outstation participants accommodation will be provided based on prior information.

Declaration by Participant

I declare that the details furnished are true to the best of my knowledge. I agree to abide by the rules & regulations of the program. if selected, I shall attend the programme for the entire duration.

Signature

Signature of HOD

Signature of Principal

Vivesvaraya Technological University

Visvesvaraya Technological University (VTU) is one of the largest Technological Universities in India with 20 years of Tradition of excellence in Engineering & Technical Education, Research and Innovations. It came into existence in the year 1998 to cater the needs of Indian industries for trained technical manpower with practical experience and sound theoretical knowledge. University has very successfully achieved the tremendous task of bringing various colleges affiliated earlier to different Universities, with different syllabi, different procedures and different traditions under one umbrella. The university having 218 affiliated colleges, 1 constituent college and 17 Autonomous colleges with undergraduate courses in 35 disciplines, PG program in 94 disciplines and Ph.D & M.sc Engg.) with research programs in 592 departments, over 4 lakhs Engineering Students study in the various institutes affiliated to the University. The University has 13 Quality Improvement Programme (QIP) centers in various affiliated colleges and 16 extension centers for offering PG programs. The University has revised the syllabus for UG and PG from the academic year 2014-15. It has four regional centers across the State of Karnataka in Belagavi, Bengaluru, Kalaburagi and Mysuru respectively. University is comprised of a multi-disciplinary and multi-level institution offering wide ranging programmes in engineering, technology and Management.

About TEQIP 1.3

The project focus on the following

Improving Quality and equity in engineering institutions in focus states viz., Seven Low Income States (LIS), eight states in the North-east of India, three hill states viz., Himachal Pradesh, J & K, Uttarakhand, Andaman & Nicobar Islands.

Twinning arrangements to build capacity and improve performance of institutions and ATUs participating in focus states.

As a twinning partner VTU is conducting various activities to improve quality of education in affiliated colleges and mentree university partners namely Aryabhata Knowledge University Patna, Bihar and Biju Patnaik University of Technology, Rourkela, Orissa.

Last date for registration - 15th July 2019.

You can send the scanned copy of registration form to
harishbabu.mech@sairamce.edu.in

About Workshop

Nowadays, designing and fabricating Go-Kart/ Quad Bike/ Baja/ Student formula has become a dream for most of the students pursuing engineering across the country. This course is for the students wanting a kick start to develop their own vehicles. The workshop is developed by the Industry experts and academicians allow the students to learn from the basic automobile concepts to Design and fabrication of Go Kart. On a broader picture, this course enables students to learn about Design and Fabrication Methodology of a Vehicle.

WHAT CAN BE LEARNT FROM THIS COURSE?

- An ability to handle big projects at the college level and achieve proficiency in project management.
- Assembly and disassembly of all the subsystems of the Go Kart.
- Selection of the parts as per the availability in the market and their compatibility in the vehicle assembly.
- Engine mounting and its overhauling. Engine accessories compatibility in assembly of the vehicle and mounting.
- Designing the CAD Model of the complete vehicle.
- Design and analysis of the subsystems of automobile.
- Preparation of Engineering Reports and design supported documents like Design Report, DVP, DFMEA, Cost Report and Gantt chart.

Workshop Schedule

- Day 1- Automobile Static Engineering
- Day 2- Dynamic Calculations
- Day 3- CAD Design
- Day 4- Fabrication Process
- Day 5- Fabrication Process and Testing
- Day 6- Testing of Go-kart and redesign

Sri Sairam College of Engineering

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