



Ref: GTU/CiC3/ROBOTICS CLUB/4924

Date: 12th June 2019

Team Formation for ROBOTICS CLUB (ROBOCON-2019-20/Mitsubishi-Electric Cup/ Hack-A-Thons)

The Vision of honorable Vice Chancellor, for Team formation for GTU – ROBOTICS CLUB is to build essential skills such as Team work, Team Spirit, Management work, Pressure handling skills, Decision making skills, Extensive gain of technical knowledge, Circuit designing skill, Programming skill among GTU engineering students. Mission of GTU ROBOCON Club is to provide an opportunity to young, enthusiastic and talented engineering students, to showcase their passion in ROBOTICS, Automation, Programming Skill by participating on National/International Robotics, Automation competition and in Hack A Thon.

The Gujarat Technological University has decided to build a GTU team for Robotics who will represent GTU in Robotics (ROBOCON, TECHFEST, ROBOTEX INDIA etc.) and Automation Competition. GTU has thought to create a consortium of student representatives from various colleges for the above cause to build a university level team. The colleges who believes in co-creation-based innovation and technology development are invited to be a part of this consortium.

To register online:

<https://forms.gle/NX5rbovneUk4Hpc88>

Program Name, Date & Time	Venue of Program	Last Date of Registration
Orientation : 30th June 2019 Time : 10:00 AM	B0 Hall, Gujarat Technological University, Chandkheda	28th June 2019
Written Exam : 6th July 2019 Time: 10:00 AM	M- Block, VGEC Campus, Chandkheda	04th July 2019
Interview Date: 7th July 2019	Shed No 2, CiC3 , GTU Chandkheda	-

Registration open for BE/Diploma in EC, IC, EE, CE/IT, Mechanical, Mechatronics, Automobile Engineering

Selection of Student will be held

@ CiC3, Shed No. 2, GTU Building,

VGEC Campus Near Visat Cross Road, Chandkheda, Ahmedabad.

For Further Query Contact: Prof. Raj Hakani

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sd/-
I/C Registrar

Winners of : ICT Enabled University Award E-India - 2009 ❖ Manthan Award - 2009 ❖ GESIA Award - 2011
❖ Digital Learning WES - 2011 Award ❖ AIMS International Innovative University Award - 2013



) ROBOCON:

ROBOCON is an International Robotics competition organized every year by Asia-Pacific Broadcasting Union (ABU), for Asia Pacific Region. In the competition robots compete to complete a task within a time limit. Aim of this contest is to create friendship among young people with similar interests who will lead their countries in the 21st century.

) Mitsubishi Electric Cup

Mitsubishi Electric Cup is such an opportunity where students may actively take part and showcase their creative skills on **Manufacturing, Image Processing, IOT, Advance Process Control, Innovative Equipment for Some Cause, Qualitative and Quantitative Production etc.**

The Competition aims to **improve college students' engineering application capability, arouse their interests in learning technology, build up innovation capacity and cooperation spirit, as well as improve their self-management ability and communication skills.** It is also intended to embody the "learning for practice" ideology, review students' actual manufacturing and commissioning abilities, and meanwhile enhance exchange and cooperation between university and enterprise. The competition provides a challenging platform for the students to Collaborate, Innovate and Excel in the field of Automation which ultimately contributes to the National Mission of Skill Development.

) E-Yantra

E-Yantra Robotics Competition (eYRC) is a unique annual competition for undergraduate students in Engineering/ Science/ Polytechnic colleges. The competition has evolved over the years to include more number of teams by introducing different Tracks in the competition. Currently in its sixth edition, eYRC-2018 introduces three Tracks – all Tracks are conducted in parallel and Finals for all Tracks are planned to be held at IIT Bombay in March 2019. Each Track may contain one or more Themes – problem statements abstracted into a game rulebook. Details will be disclosed after the selection test.

) Hack A Thon

Hack-A-Thon is an event where computer programmer, developers, innovators and others involved in software and hardware development, including graphic designers, collaborate intensively in team whose ultimate goal is to solve Hardware/Software related problems. The term Hack-A-Thon is characterized by its innovativeness and creativity upon which a problem is tackled.

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GUJARAT TECHNOLOGICAL UNIVERSITY

(Established Under Gujarat Act No.: 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

Developed ROBOTs and Machine for National Competition by GTU ROBOTICS CLUB STUDENTS

ROBOTICS



Developed Robot for National
ROBOCON 2018

All INDIA Rank: 32nd



Developed Robot for National
ROBOCON 2017

All INDIA Rank: 27th



Developed Robot for National
ROBOCON 2016

All INDIA Rank: 51th

1st Runner Up Among All Debuted Team

Automation :



Developed Machine for Mitsubishi Electric Cup
2018 (Theme : Factory Automation)

Title : Automatic Transformer Winding Machine

All INDIA RANK : 4th



Developed Machine for Mitsubishi Electric Cup
2019

Title: Automatic Ball Pen Making and Packing
Machine

All INDIA RANK : 10th

Awards:



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❖ Digital Learning WES - 2011 Award ❖ AIMS International Innovative University Award - 2013