

**Faculty of Engineering Technology and Research (FETR):**

FETR is established in 2010 and catering Undergraduate Engineering Programs viz. Electrical Engineering, Chemical Engineering, Mechanical Engineering, Civil Engineering, Computer Sci. & Engineering with 420 intake per year. This institute is affiliated by Gujarat Technological University, Ahmedabad & approved by AICTE, New Delhi.

**Course Objective:**

This workshop enables the participants to learn and enhance their skills about robotics and how to make wireless robot. Furthermore the participants will learn to apply the interface Advance Controller and IOT in the correct manner. To make participants understand the modules better applications are included.

**Course Content:**

- Basics of Robotics
- Basics of Wired & Wireless Robot
- Basics of Arduino
- Introduction to NODE MCU
- Application of Controller (With Hands on & Hardware)
- Line Follower Robot
- IOT based Home Automation
- IOT based Smart Robot

**Targeted Participants:**

- Any Students from various disciplines
- Any person which one interested in knowledge of Robotics

**Venue:**

Auditorium Hall,  
Faculty of Engineering Technology and Research,  
Isroli, Afwa, Bardoli,  
Dist- Surat

**Course Schedule:**

Course will be conducted during 2<sup>nd</sup> -3<sup>rd</sup> September, 2017

**Timings:** 10:00 am to 4:30 pm

**Course fee:**

- Rs. 3250/- for Student Group (Max. 5 Student)
- Rs. 1000/- for Faculty

**Course Registration:**

- Submit the completely filled registration form before 28<sup>th</sup> August, 2017

**Organizing Committee:**

**Petron:**

- Dr. Latesh B. Chaudhari,  
Principal, FETR, Bardoli

**Convener:**

- Prof. K. B. Rathod,  
Head, MED, FETR, Bardoli
- Prof. C. D. Desai,  
Head, EED, FETR, Bardoli

**Course Coordinators:**

- Prof. M. H. Kansara,  
Prof. J. R. Prajapati,  
Prof. M. D. Patel,  
Prof. D. M. Patel,  
Asst. Professor, FETR, Bardoli

**Student Coordinators:**

- Mr. Nimit Siddhpuria - 8849824869
- Mr. Dhruv Panwala - 9426734354
- Mr. Tej Shah - 9574812132
- Mr. Anuj Prajapati - 9726837467
- Miss Kinjal Sonar - Comp. 16

**Two Day's Workshop**

on

**“FUNDAMENTAL KNOWLEDGE OF ELECTRONIC CIRCUITS & CREATING WIRELESS ROBOT”**

2<sup>nd</sup> -3<sup>rd</sup> September, 2017



**Faculty of Engineering Technology & Research, Bardoli  
Registration Form**

Name: \_\_\_\_\_

Gender: M / F

Category (Faculty /Student): \_\_\_\_\_

Branch/ Dept. \_\_\_\_\_

College Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Contact: (M) \_\_\_\_\_

Email: \_\_\_\_\_

Date:

Signature of Applicant

**Faculty of Engineering  
Technology & Research,**

**Bardoli**



Presents

**STATE LEVEL ROBOTICS  
CHAMPIONSHIP**

**RACE FOR GLORY**

-Time is the Only Limit...

held's on



**Event Date:**

**15<sup>th</sup> & 16<sup>th</sup> Sept 2017**

**EVENT PRIZE**

*Total prize 51,000/- + Memento*

*Winner:- 35,000/- + Memento*

*1<sup>st</sup> Runners up:- 11,000/- + Memento*

*2<sup>nd</sup> Runners up:- 5,000/- + Memento*

**REGISTRATION FEES**

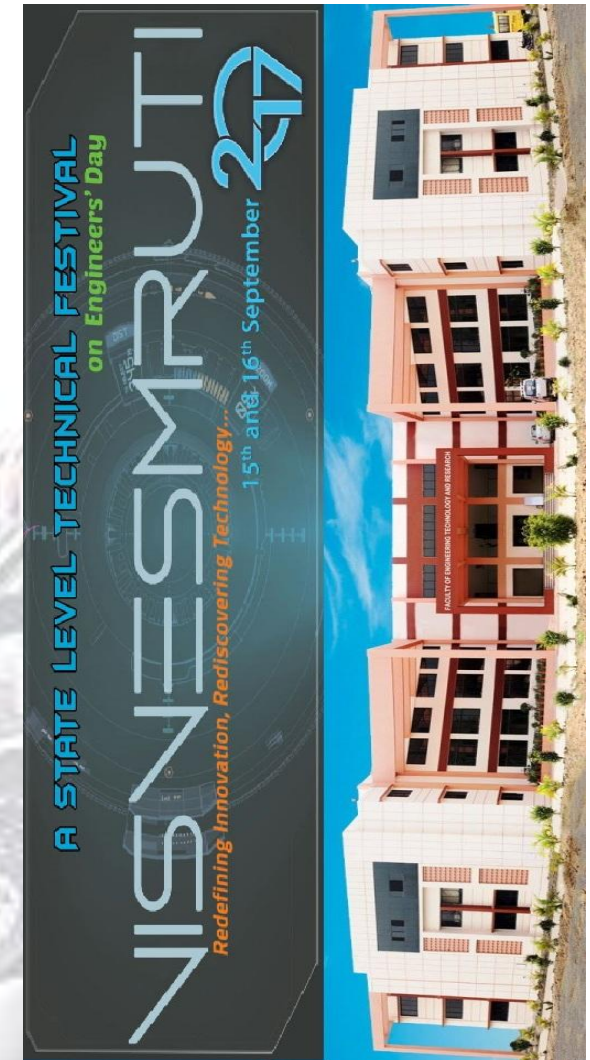
*3250/- Per Group (Max 5 students)*

➤ **Robot kit will be provided at the time of workshop.**

- ✓ *Node M.C.U.*
- ✓ *4 DC Motors*
- ✓ *4 Wheels*
- ✓ *Chassis*
- ✓ *Motor Driver*
- ✓ *Screw Driver & Wire*
- ✓ *9V Batteries*
- ✓ *Android App.*
- ✓ *Wi-Fi Operated.*

**Certificate:**

- *State Level Work-shop Certificate*
- *State Level participation Certificate*



**CONTACT US:**

**race4glory.fetr@gmail.com**

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**Mr. Dhruv Panwala - 9426734354**

**Mr. Tej Shah - 9574812132**

**Mr. Nishant Joshi - 9974737030**