PULSE
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
K L UNIVERSITY

DATE	:	1st &2nd April, 2016
EVENT	:	ZROTRIYA'16
TIME	:	9:00 A.M to 5:00P.M (both days)
VENUE	:	K L University
ORGANIZED BY	:	PULSE Team
FACULTY INCHARGE(S)	:	1. P. Syam Sundar 2. R. Rahul
STUDENT CO-ORDINATOR(S)	:	1. Amar Sri Harsha 2. Naveena Tirumala

ZROTRIYA'16 is the national level technical fest conducted by '**PULSE**', the student body of on 1st and 2nd April, 2016. This fete provided a platform for the young engineers to show-off their technical spirit. This extravaganza bared the theme '**GREEN ELECTRONICS'**.

The first day of this technical festival started with the inauguration function held at the Peacock hall and was attended by Dr. Rama Murthy, Chancellor; Dr. AVS Prasad, Pro Vice Chancellor; Dr. K L Narayana, Dean-R&D; Dr. Habibullah Khan, Dean-Student Affairs; Dr. ASCS Sastry, Convener of ZROTRIYA'16 and HOD of ECE Dept., Dr. PVN Rao, Deputy Director, NRSC attended the function as chief guest. The inauguration function was followed by a guest lecture delivered by the chief guest.

We managed to achieve a footfall of 400+ students, even though we have organized this fest for the first time and about 20+ of them are from different cities across the state. The events included in this fest are as follows:

1. Technical events:

Student coordinators: 1.

                         2.

a) Circuit Pro: As the name suggests the aim of the participants in this event is to build a working circuit. This event is one of the biggest hits of the fest with 85+ footfall.

b) Eleckart: This event tested the technical knowledge of electronic students by asking them questions on the basic components and making them identify the fault in the given circuit.

c) Tech Housie: This was basically normal housie with a technical twist. Instead of striking of the number as in normal housie, only those who answered the question related to that number were allowed to strike off the number. This event was a great success with 80+ participants

d) Ideate: It provided a platform for the participants of this fest to talk about their entrepreneurship ideas.

2. Non-Technical, Special/Spot and Theme events:

Student coordinators: 1.

                         2.

Non-Technical:

a) General quiz: The competition assessed the participant's logic levels, general knowledge, and timing and memory skills.

b) Mock Parliament: This event with about 100+ participants showed a glimpse of the parliament of our country.

c) Test your memory: Participants were asked to give the answer of previous question to the current question

d) Connexion: In this event participants were shown some picture matrix form that they have to identify the word behind or common in all pictures. This event is one of the high-lights of the fest with 80+ partakers.

e) LAN gaming: This was a fun event where participants could play their favourite video games like Counter strike, Blur, NFS, Flatout and many more

f) <u>Ad making</u>: As the name suggests, the students had to create an ad on the given product.

Special/Spot:

a) <u>RC car racing</u>: The participants had to drive the remote controlled car on the right track without getting deviated by the obstacles.

b) <u>Photo mania</u>: In this event, the partakers had to show their clicks of the campus.

c) <u>What a status</u>: In this event, the participants had to write a status on the given theme.

d) <u>Coins from ice</u>, e) <u>Alphabet puzzle</u> and f) <u>bet to win</u>: These were all betting games in which the participant had to complete the task within the time limit to win the bet.

g) <u>Guess the picture</u>: This was a fun event, where the participant had to guess the person in the blurred picture.

Theme event: In this event, the participants presented their ideas and thoughts on the fest's theme, 'GREEN ELECTRONICS'.

This fest also incorporated many workshops:

1. ARM architecture: Most new cars and 95% mobile phones contain microcontroller chips designed by ARM, leading semiconductor Design Company. In fact, ARM architecture is used in embedded systems of almost all modern electronic devices. This workshop provided industry-level experience in developing embedded systems projects using the widely used ARM architecture.
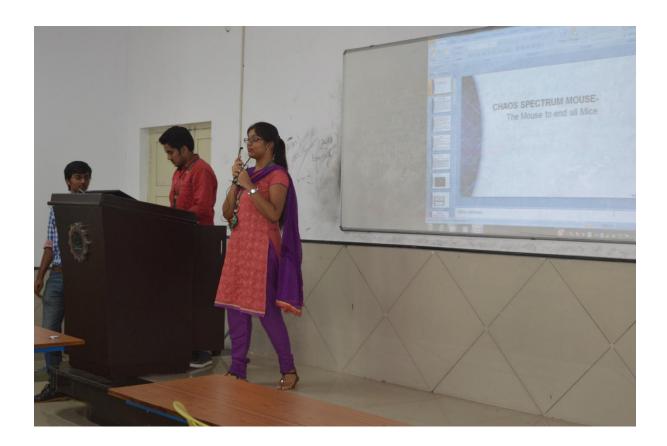
2. Gesture based robotics and Biometrics using embedded:

3. IOT: This workshop provided the students with the knowledge of how to connect various devices and control them using internet.

This technical festival also staged a paper presentation where 35+ papers on different technologies were presented.

Faculty Coordinator   Alternate HOD   HOD

  (P. Syam Sundar)   (Dr. M. S. G Prasad)   (Dr. A. S. C. S. Sastry)