



**GOKARAJU RANGARAJU INSTITUTE OF
ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)**

**ROBOTICS STUDENT CLUB
EVENTS**

**2014-2019
ANNUAL REPORT**

PRINCIPALS OFFICE

GRIET PRODUAG 1.16-18

21 May 19

Appended below please find the activities, associations and corresponding coordinator in charge departments for 2019-20.

Coordinators	
Budget	Mr S Ravindranath, Asst. Prof. (BSH)
Canteen	Dr D Gobinda Padhan, Prof (EEE)
College Diary	Ms Lakshmi Sushma, Asst. Prof. (IT)
CISCO Academy	Dr G S Basiraju, Prof (CSE)
e-Resources	Dr K Anuradha, Professor (CSE)
Faculty Club	Mr B Ch Nookaraju, Assoc. Prof. (ME)
FSW	Dr Y Sri Lalitha, Professor (IT)
GCAP	Mr K N Balaji, Assoc. Prof. (ECE)
Gaming Club	Mr P K Abhilash, Asst. Prof (IT)
IIT Bombay Remote Centre	Mr V Vijaya Rama Raju, Assoc. Prof. (EEE)
Library	Dr B Santharababu, Prof. (CSE)
Labview Academy	Dr V Ayyem Pillai, Prof (ECE)
M Tech	Dr B Phaneendra Babu, Prof (EEE)
NPTEL	Dr K Prasanna Lakshmi, Prof. (IT)
Reflections Editor	Ms R Lakshmi Kanthi, Asst. Prof (English)
Rhythms Coordinator	Ms K Ramyasree, Asst. Prof (ME)
Time Table	Dr I Srinivas, Assoc. Prof. (CE)
Transport	Dr V Ayyem Pillai, Prof. (ECE)
TASK	
IITB Spoken Tutorial, Web Page TEP(ISB)	Dr N V Ganapathi Raju, Prof (IT)
J-Hub & Robotic Club	Dr Y J Nagendra Kumar, Prof. (IT)
Womens Development Cell & NSS Coordinator	Dr T Padma, Prof. (ECE)
Spirals Coordinator	Ms. K Archana, Asst. Prof (IT)
Quizzicals Coordinator	Ms. A. Pavithra, Asst. Prof (IT)
Professional Bodies	
CSI	Dr K Madhavi, Prof (CSE)
HMA	Mr K K Sunil Kumar, Assoc. Prof (BSH)
IEEE	Dr Y Vijaya Iata, Prof (CSE)
ICI	Mr V Siva Prasada Raju, Asst. Prof (CE)
IE	Ms I Chandana, Asst. Prof (CE)
ISHRAE	Mr. L Gopinath, Asst. Prof (ME)
IETE	Ms. R S Uma Suseela, Asst. Prof (ECE)
ISACA	Dr N Swetha, Prof (ECE)
ISTE	Mr A Vinay Kumar, Assoc. Prof (EEE)
CII & NEN	Dr D Indira, Prof (BSH)
NASSCOM	Prof P Gopala Krishna, Assoc. Prof (IT)
SAE	Mr K Sunil Kumar Reddy, Assoc. Prof (ME)
SME	Ms. A Anitha Lakshmi, Asst. Prof (ME)
ICT Academy & SWAYAM	Dr K Prasanna Lakshmi, Prof. (IT)

No.	Activity	I/C Dept	No.	Activity	I/C Dept
1	Annual Day	BSH	8	Scientific Forestep	EEE
2	Graduation Day	IT	9	Souvenir	ADMIN
3	Pragya	College Committee	10	Spices	CI
4	Pragya	College Committee	11	Spirals	IT
5	Quizzicals	IT	12	Spoken Tutorials	PD
6	Rhythms	ME	13	Kernel	CSE
7	REUDO	NSS Coordinator/ECE	14	Orientation Day	BSH

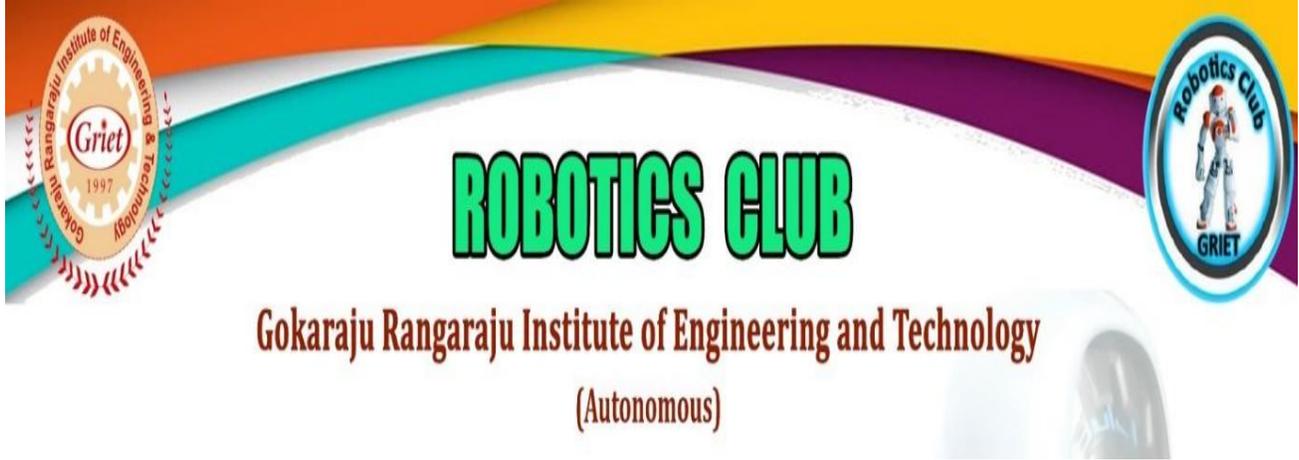
Kindly give relevant activities schedules and dates in order to finalise the Academic Calendar/ Diary for 2019-20 to Ms. Lakshmi Sushma, Asst. Prof (IT). Kindly accord priority.

Attn: HODs
Ms. Lakshmi Sushma, Asst. Prof (IT) Diary in charge (Please Coordinate)

Principal



S.NO	DATE	Category: Workshop, Seminars, Conference, Guest lectures, Motivational speech, Tech talks, Industrial visits, extra and co-curricular activities including professional body events etc.,	Title of event & venue		Total Participants Departments Wise		Department organized/Professional Body Organized
	From-To		Title	Venue	Total No of Faculty	Total No of students	
1	28th Sep 2019	Workshop	SMARTROBO	GRIET	0		IT
2	Oct 10th to 11th 2018	Workshop	WEB CONTROLLED LED'S AND COLOR DETECTION USING RASBERRY PI	GRIET			IT
3	9th - 30th January 2018	Workshop	TECHNOXIAN Direct Championship	GRIET			IT
4	2nd Aug 2016	Workshop	ROBOTICS CLUSTER-I AND COGNITIVE -II&III	GRIET			IT
5	5th to 6th Feb 2016	Workshop	ROBROBOFEST - ROBOTHON	GRIET			IT
6	11th to 13th March 2016	Workshop	ROBROBOFEST	GRIET			IT
7	October 16th	Workshop	Technical Seminar	GRIET			IT
8	Oct 16th & 17th 2014	Workshop	LEGGED ACCELEROBOTIX	GRIET			IT



DEPARTMENT OF INFORMATION TECHNOLOGY

SEMESTER REPORT- EVENTS CONDUCTED

2019-20 Academic Year

Faculty Co-ordinator

Dr K Rajiv

Associate Professor

1. SMART ROBO

DATE: 28th Sep 2019

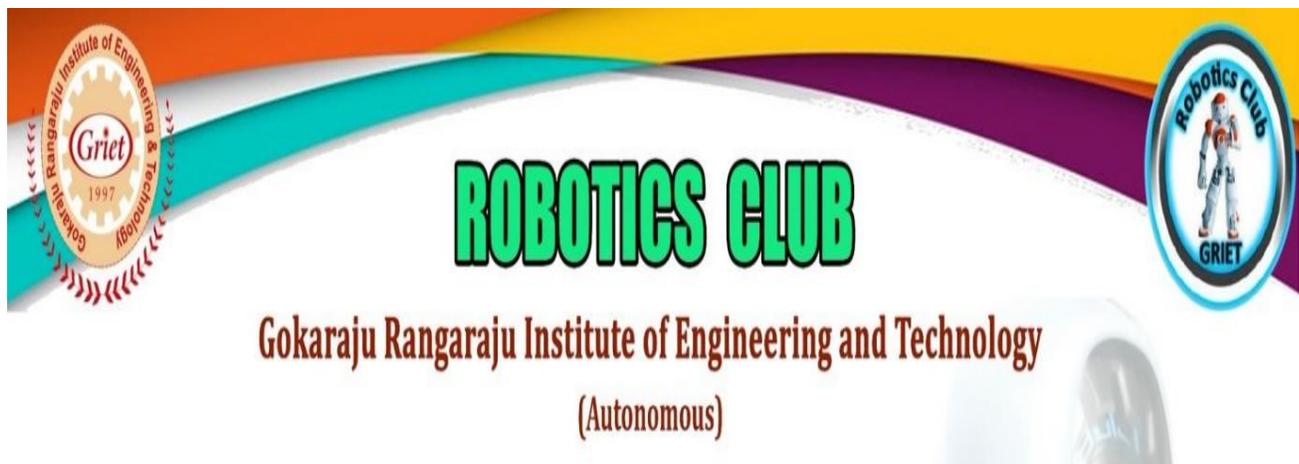
Time: 10:00 A.M- 4:00 P.M

Venue: Room No 3435, Block 3, GRIET.

Robotics has been a staple of advanced manufacturing for over half a century. As robots and their peripheral equipment become more sophisticated, reliable, and miniaturized, these systems are increasingly being utilized for entertainment, military, and surveillance purposes. Applications on robotics An introduction to Robotics and IOT was held on 29 SEP 2019 as One day Workshop on latest trending IOT technologies and projects Students on the college **GRIET-Robotics Club** Team are gaining a crucial hands-on experience on latest trending technologies using Ultrasonic sensor, Ir-sensor, Bluetooth-module, Temperature Sensor etc., The participating members from the institute include 1st ,2nd and 3rd year of GRIET ,Students from MRIET,BVRIT also visited and shared their views and experiences Working groups involving the resource person and Dr.K.Rajiv (Faculty Coordinator) are in place. Smart Robo using ultrasonic sensor are made.

Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ Training Program / Presentation/Conference)	Workshop
Title / Theme of the Event	SMARTROBO
Dates on which Event is held	28th Sep 2019
Name of the Organization	Gokaraju Rangaraju Institute of Engineering Technology
Number of the Participants	
Summary of the Event (prepare day wise report in detail)	Robotics has been a staple of advanced manufacturing for over half a century. As robots and their peripheral equipment become more sophisticated, reliable, and miniaturized, these systems are increasingly being utilized for entertainment, military, and surveillance

purposes. Applications on robotics An introduction to Robotics and IOT was held on 29 SEP 2019 as One day Workshop on latest trending IOT technologies and projects Students on the college **GRIET-Robotics Club** Team are gaining a crucial hands-on experience on latest trending technologies using Ultrasonic sensor, Ir-sensor, Bluetooth-module, Temperature Sensor etc., The participating members from the institute include 1st ,2nd and 3rd year of GRIET ,Students from MRIET,BVRIT also visited and shared their views and experiences Working groups involving the resource person and Dr.K.Rajiv (Faculty Coordinator) are in place. Smart Robo using ultrasonic sensor are made. As per the feedback received from the participants of **GRIET, MRIET, HITAM** and **BVRIT**, The Hands-on Experience on making '**SMARTROBO**' was more interactive with fun and knowledge, especially Students from other colleges showed more interest in coming to next upcoming events from Robotics Club. Overall the experience was bilateral.



DEPARTMENT OF INFORMATION TECHNOLOGY

SEMESTER REPORT- EVENTS CONDUCTED

2018-19 Academic Year

Faculty Co-ordinator

Dr Y J Nagendra Kumar

Professor, Dean Technology & Innovation cell

1. WEB CONTROLLED LED'S AND COLOR DETECTION USING RASBERRY PI

DATE: Oct 10th to 11th 2018

Time: 10:00 A.M- 4:00 P.M

Venue: Room No 3435, Block 3, GRIET.

A Robotics club is a gathering of students who are interested in learning about and working with robots. At robotics competitions, teams of students must design and build a robot that can compete against opponents in a series of specific challenges.

The aim of the Robotic club is to inculcate within ourselves the habit of "thinking technologically".

Objectives

- (a) To inspire young minds to be the driving force in the field of robotics
- (b) It is an opportunity to apply knowledge creatively, to see how systems interact, both with each other and with the environment.
- (c) To develop professional engineering skills among the students which will help them in the professional life.

Activities of the Event:

- Robotics awareness programs
- Short term trainings
- Workshop on basic of robotics

- Inter college competition on manual robotics
- Techfests

<p>Nature of the Event</p> <p>(Workshop / Seminar / Guest Lecture / Tech Talk/ Training Program / Presentation/Conference)</p>	<p>Workshop</p>
<p>Title / Theme of the Event</p>	<p>WEB CONTROLLED LED'S AND COLOR DETECTION USING RASBERRY PI</p>
<p>Dates on which Event is held</p>	<p>Oct 10th to 11th 2018</p>
<p>Name of the Organization</p>	<p>Gokaraju Rangaraju Institute of Engineering Technology</p>
<p>Number of the Participants</p>	
<p>Summary of the Event</p> <p>(prepare day wise report in detail)</p>	<p>A Robotics club is a gathering of students who are interested in learning about and working with robots. At robotics competitions, teams of students must design and build a robot that can compete against opponents in a series of specific challenges.</p> <p>The aim of the Robotic club is to inculcate within ourselves the habit of "thinking technologically".</p> <p>Objectives</p>

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ROBOTICS CLUB

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)

PRESENTS

A ROBOTIC WORKSHOP ON

WEB CONTROLLED LED'S AND COLOR DETECTION USING RASPBERRY PI

OCTOBER 10-11th 2018

IN ASSOCIATION WITH

J
JAY ROBOTIX



Student Coordinator
Sai Kiran-8008955312

Workshop Coordinator
Mr Ranjit Reddy Naredla

Faculty Coordinator
Dr Y J Nagendra Kumar





Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)





**గోకరాజు రంగరాజు కళాశాలలో
రోబోటిక్ మారథన్**



ప్రతిభ కనబరిచిన విద్యార్థిని, విద్యార్థులతో ప్రిన్సిపాల్, అధ్యాపకులు

దుండీగల్: కుత్బుల్లాపూర్ మండలం బాచుపల్లిలోని గోకరాజురంగరాజు ఇంజనీరింగ్ కళాశాలలో దేశంలోనే మొట్టమొదటిసారిగా 48 గంటలు నిరంతరాయంగా రోబోథన్ పోటీలు మనంగా జరిగాయి. ఈ పోటీలలో పలు కళాశాలకు చెందిన విద్యార్థులు పాల్గొని వివిధ విభాగాలలో ప్రభుత్వం ఎదురుకుంటున్న సవాళ్లకు వాస్తవ రూపకల్పన ద్వారా పరిష్కారం చూపించారు. పరిష్కారం ఇచ్చిన వారిలో మొదటి మూడు స్థానాలలో నిలిచిన జట్లకు ట్రీపుల్ ఐటిలో జరిగే రోబో ఫెస్ట్ కాంపిటీషన్లో పాల్గొనే అవకాశం కలిగింది. కార్యక్రమానికి కళాశాల ప్రిన్సిపల్ జంధ్యాల నారాయణ మూర్తి హాజరై విద్యార్థులు సమాజానికి ఉపయోగపడే రూపకల్పనలు చేస్తూ దేశ ప్రగతిలో భాగస్వాములు కావాలని పిలుపునిచ్చారు. ఈ రోబో మారథన్లో ఐటీ విభాగాదిపతి వై.విజయలత, అధ్యాపకులు జీవన్ నాగేంద్రకుమార్, అఖిలాష్, కిషన్, విద్యార్థిని, విద్యార్థులు పాల్గొన్నారు.

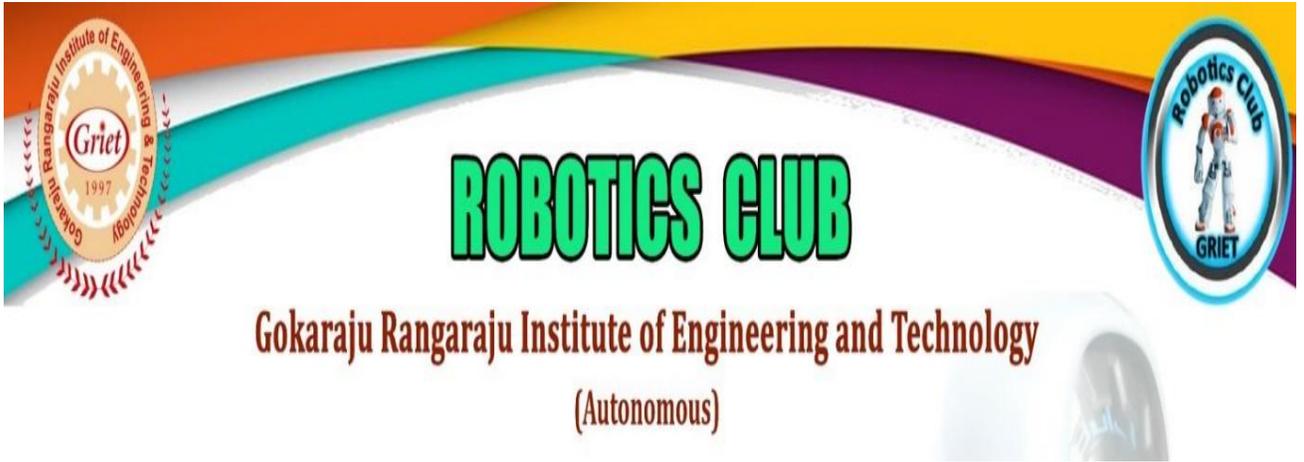
భవిష్యత్తు రోబోలదే

గోకరాజు కళాశాలలో 'రోబో థాన్' పోటీలు



ప్రదర్శనలో పాల్గొన్న విద్యార్థులతో కళాశాల నిర్వాహకులు

బాచుపల్లి(నిజాంపేట), న్యూస్టుడే: సాంకేతిక పరిశోధనల ద్వారా దేశభివృద్ధికి విద్యార్థులు కృషి చేయాలని పలువురు వక్తలు పిలుపునిచ్చారు. బాచుపల్లిలోని గోకరాజు రంగరాజు ఇంజనీరింగ్ సాంకేతిక కళాశాలలో 'రోబో థాన్' పేరుతో శనివారం పోటీలు నిర్వహించారు. వివిధ కళాశాలల నుంచి వచ్చిన విద్యార్థులు రోబోల్ని ప్రదర్శనలో ఉంచారు. కళాశాల ప్రిన్సిపల్ జంధ్యాల ఎన్ మూర్తి మాట్లాడుతూ భవిష్యత్తు రోబోలదేనన్నారు. ఆ దిశగా విద్యార్థులు తమ పరిశోధనల్ని కొనసాగించాలన్నారు. ఇందులోని విజేతల్ని త్వరలో జరిగే ఐఐఐఐ రోబోఫెస్ట్లో పాల్గొనేందుకు అర్హులుగా పరిగణిస్తామన్నారు. ఐటీ విభాగాదిపతి వై విజయలత, జీవన్ నాగేంద్రకుమార్, అఖిలాష్, కిషన్ తదితరులు పాల్గొన్నారు.



DEPARTMENT OF INFORMATION & TECHNOLOGY

SEMESTER REPORT- EVENTS CONDUCTED

2017-18 Academic Year

Faculty Co-ordinator

Dr Y J Nagendra Kumar

Professor, Dean Technology & Innovation cell

1. ROBOTICS WORKSHOP ON TECHNOXIAN Direct Championship

DATE: 29th - 30th January 2018

Time: 10:00 A.M- 4:00 P.M

Venue: Room No 3435, Block 3, GRIET.

A Robotics club is a gathering of students who are interested in learning about and working with robots. At robotics competitions, teams of students must design and build a robot that can compete against opponents in a series of specific challenges.

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(c) To develop professional engineering skills among the students which will help them in the professional life.

Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ Training Program / Presentation/Conference)	Workshop
Title / Theme of the Event	ROBOTICS WORKSHOP ON TECHNOXIAN Direct Championship
Dates on which Event is held	9th - 30th January 2018
Name of the Organization	Gokaraju Rangaraju Institute of Engineering Technology
Number of the Participants	

<p>Summary of the Event</p> <p>(prepare day wise report in detail)</p>	<p>A Robotics club is a gathering of students who are interested in learning about and working with robots. At robotics competitions, teams of students must design and build a robot that can compete against opponents in a series of specific challenges.</p> <p>The aim of the Robotic club is to inculcate within ourselves the habit of “thinking technologically”.</p> <p>Objectives</p> <p>(a) To inspire young minds to be the driving force in the field of robotics</p> <p>(b) It is an opportunity to apply knowledge creatively, to see how systems interact, both with each other and with the environment.</p> <p>(c) To develop professional engineering skills among the students which will help them in the professional life.</p> <p>Activities of the Event:</p> <ul style="list-style-type: none"> • Robotics awareness programs • Short term trainings • Workshop on basic of robotics • Inter college competition on manual robotics • Techfests



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY



Government of India
Department of Science & Technology
Ministry of Science & Technology



TechnoXian

District Championship

29-30 Jan 2018

ROBOTIC WORK SHOP

CERTIFICATE OF PARTICIPATION FROM **ICROD** &
MINISTRY OF SCIENCE & TECHNOLOGY, GOVT. OF INDIA

ROBOTIC CLUB



**SENIOR ROBO RACE ELIGIBILITY:
COLLEGE STUDENTS**

Visit: www.technoxian.com

www.technoxian.com
Register Now
mail us : info@technoxian.com

Workshop Co-Ordinator :
Mr. Madhu
Mobile No : 9951150808

Faculty Co-ordinator:
Dr.Y.J. Nagendra Kumar
Mobile No: 9010180199
jeevannagendra@gmail.com

Student Co-ordinator
Jayaraman Vikas
Mobile no: 7893061735
jaivikas7@gmail.com

QUESTEASE SOLUTIONS
8-1-364/A/6, First Floor, Tolichowki Main Road, Landmark: Near to Syndicate Bank,
Hyderabad Telangana- 500008. Ph: 040-65545416 | 6545417 | 6121450555
E-mail: hyderabad@questeasesolutions.com | Website: www.questeasesolutions.com





ROBOTICS CLUB

Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)

DEPARTMENT OF INFORMATION & TECHNOLOGY

SEMESTER REPORT- EVENTS CONDUCTED

2016-17 Academic Year

Faculty Co-ordinator

Dr Y J Nagendra Kumar

Professor, Dean Technology & Innovation cell

1. ROBOTICS CLUSTER-I AND COGNITIO-II&III

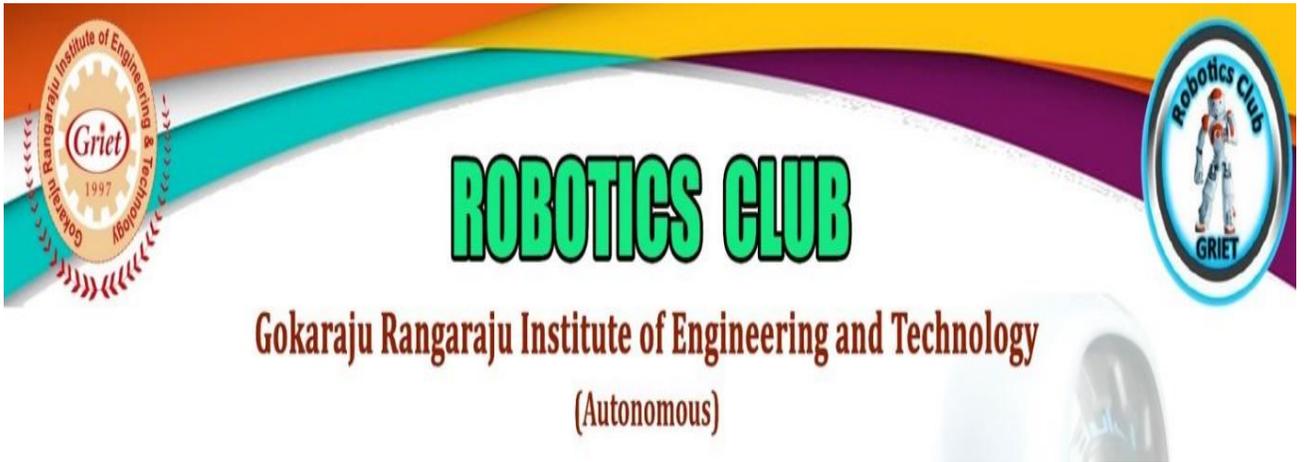
DATE: 2nd August , 2016

Time: 10:00 A.M- 4:00 P.M

Venue: Room No 3435, Block 3, GRIET.

Ideas for the first round of Robotics Cluster were discussed and finalized. On 5th August the date of Robotics Cluster was decided. Understanding of professional and ethical responsibilities of a student. Broad education is necessary to understand the impact of engineering solutions.

Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ Training Program / Presentation/Conference)	Workshop
Title / Theme of the Event	ROBOTICS CLUSTER-I ANDCOGNITIO- II&III
Dates on which Event is held	: 2 nd August , 2016
Name of the Organization	Gokaraju Rangaraju Institute of Engineering Technology
Number of the Participants	
Summary of the Event (prepare day wise report in detail)	Ideas for the first round of Robotics Cluster were discussed and finalized. On 5 th August the date of Robotics Cluster was decided.
POs attained with this Event (number and description)	Understanding of professional and ethical responsibilities of a student. Broad education is necessary to understand the impact of engineering solutions.
Photographs of the event	



DEPARTMENT OF INFORMATION & TECHNOLOGY

SEMESTER REPORT- EVENTS CONDUCTED

2015-16 Academic Year

Faculty Co-ordinator

Dr Y J Nagendra Kumar

Professor, Dean Technology & Innovation cell

1. ROBROFEST - ROBOTHON

DATE: 5th - 6th February 2016

Time: 10:00 A.M- 4:00 P.M

Venue: Room No 3435, Block 3, GRIET.

Robothon is a Global Hackathon which will be held in 7 cities across the country, Hyderabad, Delhi-NCR, Calcutta, Vizag, Bengaluru, Mumbai, Karaghpur a month prior to Robofest which will conducted on 5th - 6th, February, 2016.

One Robothon in each city is conducted in educational institution or Maker Space granted by Robofest Team. Based on the participants and special requests, RoboFest will organize exclusive Robothons for one particular institution or Maker Space, where all participants should belong to the same institution. The following are Requirements for conducting Robofest .

Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ Training Program / Presentation/Conference)	Workshop
Title / Theme of the Event	ROBROBOFEST - ROBOTHON
Dates on which Event is held	5th - 6th February 2016
Name of the Organization	Gokaraju Rangaraju Institute of Engineering Technology
Number of the Participants	70
Summary of the Event (prepare day wise report in detail)	<p>Robothon is a Global Hackathon which will be held in 7 cities across the country, Hyderabad, Delhi-NCR, Calcutta, Vizag, Bengaluru, Mumbai, Karaghpur a month prior to Robofest which will conducted on 5th - 6th, February, 2016.</p> <p>One Robothon in each city is conducted in educational institution or Maker Space granted by Robofest Team. Based on the participants and special</p>

requests, RoboFest will organize exclusive Robothons for one particular institution or Maker Space, where all participants should belong to the same institution. The following are Requirements for conducting Robofest .

- Number of Teams -14
- Each Team has –maximum of 5 members

10 different Real time problem statement are given 15days prior to the participants and each team should choose a problem statement from the mentioned list and should be ready with the inventory and technology needed for it before Robothon. On the day of Robothon each team will be given 48 hrs to develop the prototype. The evaluation of the teams will be done in 2 stages .

STAGE 1:

All the prototype developed in the Robothan will be evaluated by the concerned Heads of institution or maker space. And top 5 teams are selected and are sent to next stage.

STAGE 2:

The top 5 teams from 7 cities will be sent to finale jury ,the final jury consists of professionals from different disciplines

- Design,
- Mechanical,
- Electronics,
- Software
- Management

They will screen the prototype and award points in the respective fields (Design, Mechanism, Electronics, Coding and Product feasibility) and accumulation of all

this will be considered as final grading and winners are declared. From every City, the team with highest points will be considered as the winner, the next as runner up and one best performance team (Team which works with full dedication and passion) will be selected. The winner team will get a chance to showcase their product at robofest-2k16, and the team will be given the complete support to convert their prototype in to product.

The winner team has to complete the prototype to product before Robofest, only then the team will be given a chance to exhibit their product in Robofest. The next two teams will be given complete support to make their prototypes in to products.



2. ROBROBOFEST

DATE: 11th - 13th March 2016

Time: 10:00 A.M- 4:00 P.M

Venue: Room No 3435, Block 3, GRIET

Robofest is a global community welcoming people from several discipline who seek a deeper understanding of Robotics, And provides a stage where several scholars and Robo geek's interact and utilize technology to make efficient products. The agenda is to give a world class exposure of great ideas accessible and spark conversation on robotics, So here we announce the INDIA'S first Robotic's festival which is coming up with an idea of creating a platform for Robotics in India .

Robofest is categorized into following divisions

National Robotics conference

National Robotics conference is one of the best place for them, who are passionate of robotics. 14 International and National speakers and a panel discussion with the best people on board. The conference will be mainly focussing on how to develop robotics industry in the country, how to make it more flexible and available to every robotist, though all the speakers are related to robotics, every one works on different module in it, this will help the attendees to gain as much as knowledge. Conference is only for limited attendees. The first preference will be given to college robotics club members. Robofest strongly believes, if robotic clubs in the colleges are given the best support, they will definitely solve many real time problems.

Gamers Expo and Gaming Conference

Gamers expo is a place for all the gamers, to explore the latest gaming technologies or updates in the field. The third day of RoboFest, is the National Gaming Conference.

Robotics Interaction

RoboFest is specially designed to give the best experience to every visitor, 10 Robots will be at RoboFest, which will guide the visitors, interact with them, welcome them, clarify their doubts. One robot will be taking selfies with the visitors, One will be entertaining visitors with its dance, a team of robots will play soccer, on the eve of RoboFest, a robo restaurant will be available, where the food will be served by Robots to the customers and many more robots will be there to interact, entertain and give best experience to the visitors.

<p>Nature of the Event</p> <p>(Workshop / Seminar / Guest Lecture / Tech Talk/ Training Program / Presentation/Conference)</p>	<p>Workshop</p>
<p>Title / Theme of the Event</p>	<p>ROBROBOFEST</p>
<p>Dates on which Event is held</p>	<p>11th - 13th March 2016</p>
<p>Name of the Organization</p>	<p>Gokaraju Rangaraju Institute of Engineering Technology</p>
<p>Number of the Participants</p>	
<p>Summary of the Event</p> <p>(prepare day wise report in detail)</p>	<p>Robofest is a global community welcoming people from several discipline who seek a deeper understanding of Robotics, And provides a stage where several scholars and Robo geek's interact and utilize technology to make efficient products. The agenda is to give a world class exposure of great ideas accessible and spark conversation on robotics, So here we announce the INDIA'S first Robotic's festival which is coming up with an idea of creating a platform for Robotics in India .</p> <p>Robofest is categorized into following divisions</p> <p>National Robotics conference</p> <p>National Robotics conference is one of the best place for them, who are passionate of robotics. 14 International and National speakers and a panel discussion with the best people on board. The conference will be mainly focussing on how to develop robotics industry in the country, how to make it more flexible and available to every robotist, though all the speakers are related to robotics, every one works on different module in it, this will help the attendees to</p>

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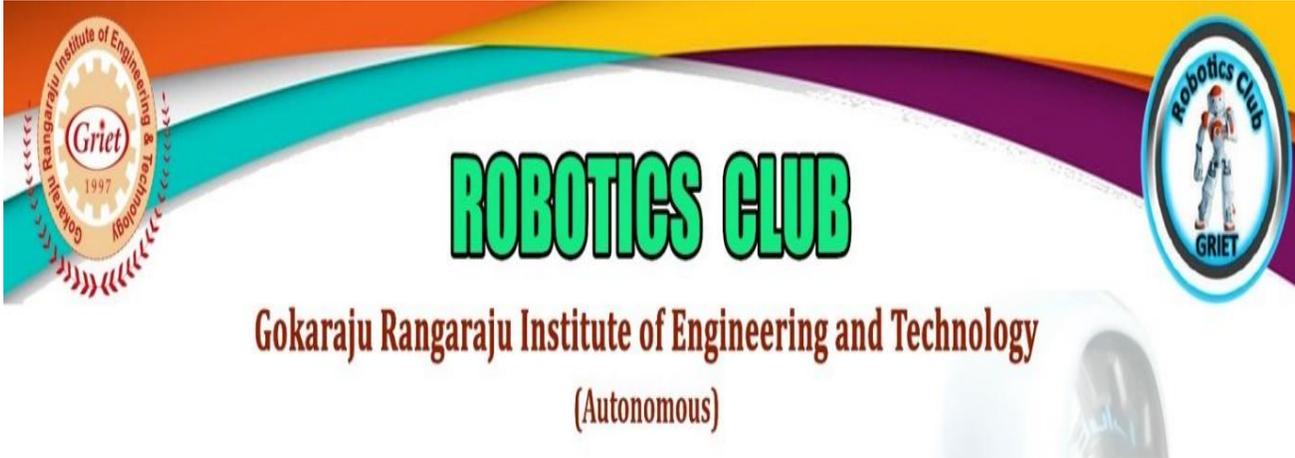
INDIA'S FIRST EVER
ROBO FEST
11th -13th March 2016 @ T-Hub Hyderabad



Investors | **5 Robotic Events | 10 Robots to Interact**
Corporates | **50 University Robotic Clubs | 60 Schools**
Startups | **14 International and National Speakers**
Robothons | **50 Industrial & Automation Robots**

One complete day dedicated to gamers, National level gaming conference, gamers showcase, Sponsors talks and more

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DEPARTMENT OF INFORMATION & TECHNOLOGY

SEMESTER REPORT- EVENTS CONDUCTED

2014-15 Academic Year

Faculty Incharge

Dr.Y.Vijayalatha - HOD,IT-Dept.

Dr Y J Nagendra Kumar

Associate Professor

P.KAbhilash - Asst.Professor

DATE: 11th - 13th March 2016

Time: 10:00 A.M- 4:00 P.M

Venue: Room No 3435, Block 3, GRIET

The members of the robotics club had held these Information Seminars in which they had gone to different classrooms of students studying in GRIET in order to spread about the Robotics as a field as well as gathering the interested students who would want to work with the robotics club in order help with the making of robots.

This turned out to be a huge success as huge number of students had registered themselves to be a part of the club. The interest shown by these students was commendable. Hence the Information Seminars helped a lot in the publicity of the Robotics club as well as the Workshop which was to be conducted

Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/ Training Program / Presentation/Conference)	Seminar
Title / Theme of the Event	Information Seminars
Dates on which Event is held	October 16th 2014
Name of the Organization	Gokaraju Rangaraju Institute of Engineering Technology
Number of the Participants	
Summary of the Event (prepare day wise report in detail)	<p>The members of the robotics club had held these Information Seminars in which they had gone to different classrooms of students studying in GRIET in order to spread about the Robotics as a field as well as gathering the interested students who would want to work with the robotics club in order help with the making of robots.</p> <p>This turned out to be a huge success as huge number of students had</p>

registered themselves to be a part of the club. The interest shown by these students was commendable. Hence the Information Seminars helped a lot in the publicity of the Robotics club as well as the Workshop which was to be conducted.

Photographs



2. Robotics Workshop

DATE: 11th - 13th March 2016

Time: 10:00 A.M- 4:00 P.M

Venue: Room No 3435, Block 3, GRIET

Over a 150 students from all B.Tech colleges had gathered for the event “Biped Robot “conducted by Robotic Club, GRIET on, October 16th and 17th. Akshya Shah was the speaker of the event “LEGGED ACCELEROBOTIX”

Day 1:

On 16th October the 1ST session started at 10:00am with a introduction speech about the Robot with few valuable points about robots and gave a lecture about functioning of “Biped Robot “. The workshop was conducted in such a way that the basics were made clear for everyone who attended the session. Starting from the basic functioning and programming of arduino, it was all taught to the students so as to make the programming of the robot easier. The kits were distributed among the students. There was a lunch break of 45 minutes after the break session- 2 STARTED with the introduction of the kit components. Every component in the kit was explained it detail and the purpose of it.

DAY 2:

On 17th October the session-1 started at 10:00am with the assembling of biped robot kit and programming on Arduino (32bit) as per the requirements of the bot. He taught more programs on arduino code to make a robot walk, forward walk, reverse walk, 90 digress rotation, 180 digress rotation till 1:00pm .After a break of 45 minutes, the students were given a chance to showcase their robots and were even given a chance to give their ideas and inputs regarding the robot. And in the end there was a competition among the robots that were built by the students and the top 3 teams who won were given certificates by the HOD of IT department.

<p>Nature of the Event</p> <p>(Workshop / Seminar / Guest Lecture / Tech Talk/ Training Program / Presentation/Conference)</p>	<p>Workshop</p>
<p>Title / Theme of the Event</p>	<p>LEGGED ACCELEROBOTIX</p>
<p>Dates on which Event is held</p>	<p>October 16th and 17th</p>
<p>Name of the Organization</p>	<p>Gokaraju Rangaraju Institute of Engineering Technology</p>
<p>Number of the Participants</p>	<p>150</p>
<p>Summary of the Event</p> <p>(prepare day wise report in detail)</p>	<p>Over a 150 students from all B.Tech colleges had gathered for the event “Biped Robot “conducted by Robotic Club, GRIET on, October 16th and 17th. Akshya Shah was the speaker of the event “LEGGED ACCELEROBOTIX”</p> <p><u>Day 1:</u></p> <p>On 16th October the 1ST session started at 10:00am with a introduction speech about the Robot with few valuable points about robots and gave a lecture about functioning of “Biped Robot “ . The workshop was conducted in such a way that the basics were made clear for everyone who attended the session. Starting from the basic functioning and programming of arduino, it was all taught to the students so as to make</p>

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Photographs

