



KINGS ENGINEERING COLLEGE

Chennai-Bangalore Highway, Irungattukottai, Sriperumbudur, Chennai - 602 117.

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ACCREDITED WITH NAAC, APPROVED BY AICTE & AFFILIATED TO ANNA UNIVERSITY



STEAM - TECHNO QUIZ CLUB

A REPORT OF THE EVENT

“TECHNO QUIZ - 2022”

on

02.04.2022

5.00PM TO 6.00.PM

Prepared By

Ms.Bhavani.R, AP/IT

STEAM-Techno Quiz Club Coordinator

Coordinator

Convener

Principal

DEPARTMENT CO-ORDINATORS:

S.no	Department	Faculty In-Charge
1	Computer Science and Engineering	Mrs Gracia Nissi.S,AP/CSE
2	Electronics and communication Engineering	Ms. Vinothini, AP/ECE
3	Information Technology	Ms. Bhavani.R,AP/IT
4	Mechanical Engineering	Dr.S.BabuSasi Kumar, AP/MECH
5	Biomedical Engineering	Mr.K.Prakash, AP/BME
6	Robotics and Automation Engineering	Mr.A.Antony George Fernandez, AP/RAE

EVENT REPORT

Name of the Club		STEAM-Techno Quiz Club
Name of the Event / Competition		Techno quiz – 2022
Date and Time of the Event		02/04/2022 Saturday, 5:00 pm – 6.00 pm
Location		Online Platform – Google Forms
Name of the Coordinator		Ms. Bhavani.R,AP/ECE
Target Audience / Beneficiaries		All the Students
Number of Participants		428
Objective of the Event		To Enhance and Evaluate their technical knowledge within academics as well as beyond academics and to make them strong in Technical aspects
Outcome of the Event		<ul style="list-style-type: none"> ✓ With practicing quizzes, students can do critical thinking, and get into a habit of innovative learning ✓ Establish a relation between theory and application. ✓ Students are placed in the right attitude for learning. ✓ Overcome the fear of expressing their views.
In competition,	Winners	<p>BME: First Place: Chriseeda Shinny Second Place :Harsha.A Third Place: Evangelin.D</p> <p>IT : First Place: Jeyaseelan.R Second Place: Giritharan.B Third Place: Mariganesh.K</p> <p>CSE: First Place: Pooja.S Second Place: Janani.R Third Place: Richard.D</p> <p>ECE: First Place: Jerusha Sheeba.S Second Place: Kiruthika.K Third Place: Dhanalakshmi.M</p> <p>MECH:First Place: Sundharesan.V Second Place :Karthik.V Third Place: Kamaraj.K</p> <p>RAA:First Place: Madhan Rabi.A Second Place: Alan Ricky.F Third Place: Omprakash.S</p>

Coordinator

Convener

Principal

Techno quiz Club Activity event was conducted on 02/04/2022, Saturday.

Techno quiz Purpose:

- Bridges academia-industry gap,
- Identify gaps in knowledge,
- Develop interest in subject areas.

Syllabus for Techno Quiz:

CSE & IT Department

- Python Programming

Outcomes:

- Structure simple Python programs for solving problems.
- Improves Programming knowledge.
- Evaluate the performance and the flow of data from one network to another.
- Improves time management skill.

ECE Department

- Electronics devices
- Control Systems
- Communication Systems
- Optical Communication

Outcomes:

- To know about the electronics devices and its working
- Understand the concept of electronic devices how it regulates with other devices or systems by way of control loops.
- To know about the important aspects of communication
- Understand how the communication at a distance using light to carry information.

Biomedical Engineering Department

II Year:

- Anatomy and Human Physiology
- Pathology and Microbiology
- Electron devices and circuits
- Sensors and Measurements

Outcomes:

- Anatomy and physiology of various systems of human body.
- The importance of public health in treating the pathological diseases.
- The structure and working operation of basic electronic devices.
- Measure various electrical parameters with accuracy, precision, resolution.

III Year:

- Analog and digital communication
- Bio control Systems
- Biomedical Instrumentation
- Medical Optics

Outcomes:

- Apply analog and digital communication techniques.
- Comprehend the application aspects of time and frequency response analysis in physiological control systems.
- Differentiate different bio potentials and its propagations.
- Demonstrate knowledge of the fundamentals of optical properties of tissues.

Mechanical Engineering Department

- Basics of Mechanical Engineering
- Engineering Thermo Dynamics
- Fluid Mechanics
- Power plant engineering
- Engineering Mechanics

Outcomes:

- Understand the the basic technical concepts, criteria and standards for a project, the type and size of plant, the process and equipment to be used, allowances for future additions or expansions, and the degree of mechanization and automation to be used in the plant.
- To know the relationship between heat, work, temperature, and energy also it explains energy and its transformation based on the physical state of the matter
- It concerned with the mechanics of fluids (liquids, gases, and plasmas) and the forces on them..
- Able to get the idea about the operations in power plant.
- Able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics

Robotics and Automation Department

- Basics Concepts of Robotics
- Classification and specification of Robots
- Design and Control Issues of Robots
- CNC Programming

Outcomes:

- Ability to understand basic concept of Robotics.
- To know about the differential motion and statics in Robotics
- Evolution and principle of CNC machine tools and different measurement technologies
- To know about the various path planning techniques

Link to attend the quiz:

CSE & IT:

<https://forms.gle/utb6hcYicnMTzhHH9>

ECE:

IInd Year: <https://forms.gle/qoZxagAo1FwXxQcB8>

IIIrd Year: <https://forms.gle/YeZvk1yy9TUA1mtL6>

IVth Year: <https://forms.gle/XvDpUoPJitYE4Qfk8>

BME:

IInd Year: <https://forms.gle/7WPyC7vSbaMBxYQBA>

IIIrd Year: <https://forms.gle/SuR3urS133d1gU5t8>

MECH:

https://docs.google.com/forms/d/e/1FAIpQLSfG6GJOZF6Ztb8-XbSG6coVSMFk1vRajmHTEl5UONHyeT6uYA/viewform?usp=sf_link

RAA:

<https://forms.gle/Jt25XLUh4omVsssK7>

SAMPLE CERTIFICATES



KINGS ENGINEERING COLLEGE

Irungattukottai, Tamil Nadu 602117

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CERTIFICATE OF EXCELLENCE

This is certify that Mr./Mrs.JEYASEELAN.R of III YEAR IT has won FIRST PRIZE in Techno Quiz (2021- 2022) organised by STEAM TECHNO QUIZ CLUB of KINGS ENGINEERING COLLEGE on 02-04-2022

CO-ORDINATER

PRINCIPAL



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CERTIFICATE OF EXCELLENCE

This is certify that Mr./Mrs.KIRUTHIKA.K of II YEAR ECE has won SECOND PRIZE in Techno Quiz (2021- 2022) organised by STEAM TECHNO QUIZ CLUB of KINGS ENGINEERING COLLEGE on 02-04-2022

CO-ORDINATER

PRINCIPAL



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CERTIFICATE OF EXCELLENCE

This is certify that Mr./Mrs.MARIGANESH.K of IV YEAR IT has won THIRD PRIZE in Techno Quiz (2021- 2022) organised by STEAM TECHNO QUIZ CLUB of KINGS ENGINEERING COLLEGE on 02-04-2022

CO-ORDINATER

PRINCIPAL

Request Letter

From

Ms. BHAVANI. R AP/IT
Coordinator – Techno Quiz Club
Kings Engineering College
Irungattukottai
Chennai

To

The Principal
Kings Engineering College
Irungattukottai
Chennai

Respected sir

Sub: Requisition to conduct Techno Quiz – Reg

We are interested to conduct Techno Quiz for all the department students on 02.04.2022. The purpose of this event is to enhance and access their technical knowledge in their respective subjects. I request you to kindly permit to conduct this event.

Thanking you,

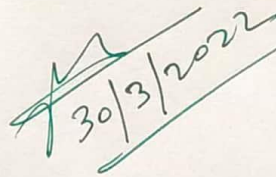
Date: 30.03.2022

Place: Irungattukottai

Yours faithfully,



Coordinator



Circular



KINGS
ENGINEERING COLLEGE

CIRCULAR

30/03/2022

Techno quiz

It is planned to conduct "Techno Quiz" program for II, III, IV Year students of all the Departments organized by the **Techno Quiz Club** to enhance and assess their technical knowledge in the subjects.

Participants : II, III and IV year students of all departments.

Type of Event : Technical quiz with multiple choices.

Mode : Online (Google form)

Duration : 30 minutes

Date : 02 /04/2022

The Following Faculties will be the Department In-charge for the Techno quiz.

S.no	Department	Faculty In-Charge
1	Computer Science and Engineering	Ms. Gracia Nissy, AP/CSE
2	Electronics and communication Engineering	Ms Vinothini, AP/ECE
3	Information Technology	Ms Bhavani. R, AP/IT
4	Mechanical Engineering	Dr. Babu Sasi Kumar, AP/MECH
5	Biomedical Engineering	Mr. Prakash, AP/BME
6	Robotics and Automation Engineering	Mr. Antony George Fernandez, AP/RAE

NOTE: Separate link will be given on 02.04.2022 to attend the quiz. Students will be awarded certificate on successful submission of quiz.


30/3/22
CO-ORDINATOR


30/3/2022
PRINCIPAL