



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 - 2021”

on

18.09.2021

2.00PM TO 3.00.PM

Prepared By

Ms.Bhavani.R, AP/IT

STEAM-Techno Quiz Club Coordinator

Coordinator

STEAM Club 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. Vidya. N, 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 – 2021
Date and Time of the Event		18/09/2021 Saturday, 2:00 pm – 3.00 pm
Location		Online Platform – Google Forms
Name of the Coordinator		Ms. Bhavani.R,AP/ECE
Target Audience / Beneficiaries		All the Students
Number of Participants		412
Objective of the Event		To Enhance and Evaluate their technical knowledge within academics as well as beyond academics and to make them familiar with the prospects of quizzes
Outcome of the Event		<ul style="list-style-type: none"> ✓ Students look beyond the textual knowledge ✓ Establish a relation between theory and application. ✓ Promotes a healthy debate among participants in order to learn from each other. ✓ Overcome the fear of expressing their views.
If competition,	Winners	<p>BME: First Place: Chriseeda Shiny Second Place :Harsha.A Third Place: Evangelin.D</p> <p>IT : First Place: Keerthana.R Second Place: Ancel Dency.R Third Place: JayaSurya.M</p> <p>ECE: First Place: Nandhakumar.S Second Place: Ansiya Rose.K Third Place: Venmathi.K</p> <p>MECH:First Place: Dharshiniya.A Second Place :SuryaPrakashNarayanan Third Place: Aswin Kumar.M</p> <p>RAA:First Place: Mudhan Rabi Second Place: Asas Singh Third Place: Logesh.V</p>

Techno quiz Club Activity event was conducted on 18/09/2021, Saturday.

Techno quiz Purpose:

- Bridges academia-industry gap,
- Identify gaps in knowledge,
- Build confidence and to retain information.

Syllabus for Techno Quiz:

CSE & IT Department

- Python Programming
- Java Programming
- Data Structures
- Computer Networks
- C++ Programming

Outcomes:

- Structure simple Python programs for solving problems.
- Improves Programming knowledge.
- Apply the different linear and non-linear data structures to problem solutions.
- Evaluate the performance and the flow of data from one network to another.
- Improves time management skill.

ECE Department

- Signals and systems
- Microprocessor and controllers
- Embedded Systems
- Analog and digital communication
- Antenna and wave propagation
- Linear integrated circuits

Outcomes:

- To examine various Devices and rectify errors
- Demonstrate various types of communication techniques.
- important aspects and functions of processors and controllers
- Trace the flow of information from analog to digital

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

- Automobile Engineering
- Design of Machine Elements
- Manufacturing Technology
- Power plant engineering
- Materials and metallurgy

Outcomes:

- Understand the functioning of the engine and its accessories, gear box, clutch, brakes, steering, axles and wheels

- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- understand the design considerations for special features in Machine tools.
- Able to get the idea about the power generation by renewable and non-renewable energy resources.
- 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/fHqG3TNjYQvNERAE6>

ECE:

<https://forms.gle/NJ8sF2kaBjSENSuF7>

BME:

IInd Year: <https://forms.gle/ZoEjKm1LfMuJWeqd8>

IIIrd Year: <https://forms.gle/h2Aec9PGvHTjQMzYA>

MECH:

<https://forms.gle/BcvPvKMQWTwgLZkM9>

RAA:

<https://forms.gle/tnTiUwsbdU7Lg5ze9>

SAMPLE CERTIFICATES



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CERTIFICATE OF EXCELLENCE

This is to certify that Mr./Ms. **HARSHA.A** of **II YEAR BME** has
Won **SECOND PRIZE** in Techno Quiz (2021-2022) Organised by STEAM
TECHNO QUIZ CLUB of KINGS ENGINEERING COLLEGE on
18.09.2021

A handwritten signature in black ink, appearing to be 'S. S. S.', written over a grid pattern.

CO-ORDINATOR

A handwritten signature in blue ink, appearing to be 'J. S.', written over a grid pattern.

PRINCIPAL



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CERTIFICATE OF EXCELLENCE

This is to certify that Mr./Ms. **VENMATHI.K** of **III YEAR ECE** has
Won **THIRD PRIZE** in Techno Quiz (2021-2022) Organised by STEAM
TECHNO QUIZ CLUB of KINGS ENGINEERING COLLEGE on
18.09.2021

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CO-ORDINATOR

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PRINCIPAL



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CERTIFICATE OF EXCELLENCE

This is to certify that Mr./Ms. **KEERTHANA.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
18.09.2021

CO-ORDINATOR

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

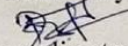
Sub: Requisition to conduct Techno Quiz – Reg

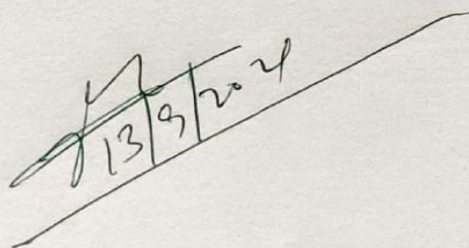
STEAM – TECHNO QUIZ CLUB is planning to conduct Techno Quiz for all the department students on 18.09.2021. The purpose of this event is to enhance and access their technical knowledge in their respective subjects. I request you to kindly permit to conduct this event.

Thanking you,

Date: 13.09.2021

Place: Irungattukottai

Yours faithfully,

Coordinator



Circular



KINGS
ENGINEERING COLLEGE

CIRCULAR

13/09/2021

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.

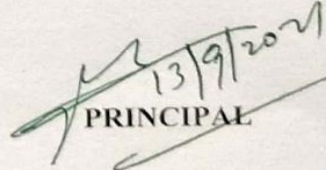
Participants : II, III and IV year students of all departments.
Type of Event : Technical quiz with multiple choices.
Mode : Online (Google form)
Duration : 30 minutes
Date : 18 /09/2021

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

S.no	Department	Faculty In-Charge
1	Computer Science and Engineering	New staff
2	Electronics and communication Engineering	Ms Vidhya, 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 18.09.2021 to attend the quiz. Students will be awarded certificate on successful submission of quiz.


CO-ORDINATOR


13/9/2021
PRINCIPAL