



SCHOOL OF ENGINEERING AND TECHNOLOGY

# TECHKRITI 2023

ENGINEER'S DAY

“ENGINEERING INNOVATION FOR A MORE RESILIENT WORLD”

[14-15, SEPT, 2023]

Google form link to Register :

<https://forms.gle/FZ348DDGE1TphCcU6>

## Faculty Coordinators

Ms. Aditi Tulchhia

(8764445840)

Mr. Kalpit Jain

(9571255627)

## Student Coordinators

Ms. Nandini Tibrewal

(9588869697)

Mr. Deepesh Dhanwani

(6375200877)

# SCHOOL OF ENGINEERING AND TECHNOLOGY

The School of Engineering and Technology at Sangam University is a platform for diverse technical careers with all over development of personality and communication skills to prepare a student for every race and make them experts to achieve future endeavours. This is the place where teaching runs hand in hand with the real world and students are groomed to join the global and national workforce.

So to provide an opportunity to every student to be a part of competition and learn from the winning and failures School of engineering and technology is conducting Techkriti 2023, for everyone to participate in various events and activities to enhance their confidence, personality and communication skills.

## TECHKRITI 2023

Techkriti is an event organised by The School of Engineering and Technology at Sangam University that includes technical and non-technical competitions in which everyone can participate according to their interests and win various prizes. Students from all the departments would be appreciated to participate in competitions held on 14 and 15 September.

Google Form will be provided in which you can fill your details to participate in the event you are interested in. Events description and rules are mentioned for you to choose wisely the event you want to be a part of.

Student coordinator's and Mentor teacher's details are mentioned below for you to contact them if required.



## SIR MOKSHAGUNDAM VISVESVARAYA

Sir Mokshagundam Visvesvaraya, an eminent Indian engineer, was born on September 15, 1861. Engineer's Day in India is celebrated on his birthday to honor his contributions to the field of engineering and his role in nation-building. He was known for his innovative engineering projects, especially in the fields of irrigation and flood control. Visvesvaraya's legacy continues to inspire engineers and is celebrated annually on Engineer's Day in India as a tribute to his remarkable achievements.

## EVENTS AND COORDINATORS LIST

EVENT NAME	MENTOR	STUDENT COORDINATOR
Paper Presentation	DR. Ravi Khatwal	Sweety Kumari 8838720231
Poster Competition	MR. Neeraj	Kushi Sisodia 8946993554
Code Competition	MS. Richa Sharma	Ishant Somani 9928271130
Shark Tank	DR. Deepika Soni	Sajida Noor 9887800463
Group Discussion	DR. Priyanka Pandey	Kushi Sisodia 8946993554
IOT Competition	DR. Atul Gandhi	Sweety Kumari 8838720231
Robo Walk	DR. Varun Bhandari	Yogesh Yadav 8209712323
Lan Gaming	MR. Nirmal Singh	Ishant Somani 9928271130
Video Competition	MR. Ankit Porwal	Sajida Noor 9887800463
Quiz	DR. Priyanka Pandey	Yogesh Yadav 8209712323
Rock Bottom Sale	DR. Shweta Bohra	Shreya Sharma 9057259017 Mantasha Seikh 8619554886
Technical Treasure Hunt	MR. Mohit Sharma	Harshvardhan Gandharv 9284439427 Badal Singh 7850056018

# EVENTS DESCRIPTION AND RULES

## ❖ PAPER PRESENTATION

(TEAM OF 2 MEMBERS)

It's an event in which you get to present your research and tell everybody what you have discovered through your research. In this you have to present your research in the form of a presentation.

**RULES:** Presentation time limit is 10 minutes. Presentation must be based on a new research or idea and should not be a copy of anything. Judgement criteria will be based on the content you present, the way you present and the communication skills. Presentation must not contain any abusive language.

### **COORDINATORS:**

Sweety Kumari (B.TECH)-8838720231

Lakshit Sharma (B.TECH)-6367291758

## ❖ CODE COMPETITION

(TEAM OF 3 MEMBERS)

Join us for Code-O-Mania, an exciting coding competition designed exclusively for C enthusiasts. Sharpen your coding skills and tackle a series of challenging problems that will test your knowledge of C language features and grab a chance to win the title of 'Code Master'.

**RULES:** There will be 3 rounds (Time Limit):

- Qualifier - General Question Regarding Computer Application, Basic concept of C Programming, (MCQ's) The best team will be selected for next Round
- Semi-Final – Debugging in C Programming (Without changing the logic of code) (6 team)
- Final round – C Programming (Case Base) (3 team)

### **COORDINATORS:**

Ishant Somani (BCA)-9928271130

Vedika patodiya (BCA) - 7014458262

## ❖ POSTER COMPETITION

(INDIVIDUAL ENTRY)

### THEME:

- Millets
- Diabetes
- Plastic Pollution
- Water With Creativity
- Sustainable Development Goals

It's an event in which You get an opportunity to present your Drawing skills by blending your imagination and colours together to make an interesting poster.

**RULES:** You have to prepare posters in 1hr time on the theme mentioned above. Gadgets will not be allowed. Participants must bring their own material (sketch pen, other stationary stuffs). Participants should bring their own poster sheet (preferable size is A3 size sheet). Judgement criteria will be based on the message your poster presents creativity and innovation.

### COORDINATORS:

Kushi Sisodia (BCA)-8946993554

Vaidika Vatsal (BCA)-70145 20021

## ❖ ROBO WALK

(TEAM OF 2 MEMBERS)

It's a fun event in which you can present any automated moving robot or gadget for a fashion walk. You have to present your own made Project you cannot present market bought products.

**RULES:** Judgement criteria will be based on how well your Gadget looks and works with automation. Market brought products will be disqualified.

### COORDINATORS:

Yogesh Yadav(B.TECH)-8209712323

Deepak Yadav(B.TECH)- 9664131345

## ❖ SHARK TANK

(TEAM OF 2 MEMBERS)

It's an event in which you can present your business ideas through a presentation or can also present prototype in an interactive and interesting manner.

**RULES:** Judgement criteria will be based on the innovative idea, content you present, the Enjoyable manner you present it. You have to finish your pitch in 10 minutes.

### **COORDINATORS:**

Sajida Noor(BCA)-9887800463

Yogesh Ramchandani(BCA)-8824406250

## ❖ IOT COMPETITION

(TEAM OF 2 MEMBERS)

It is circuit designing game in which there are 2 rounds.

- a. Quiz
- b. IOT based circuit designing

### **Round-1:**

In the first round, there is a quiz in which Team member takes part.

### **Round-2:**

The members will design a circuit that is given by us. After that judges will check the circuits, Team will make correct circuit in minimum time then award marks on basis of asked questions about the circuits. **All component and designing material for circuit will be provided by the electrical engineering department.**

### **COORDINATORS:**

Sweety Kumari(B.TECH) -8838720231

Aman Sharma(B.TECH) -8209224452

## ❖ LAN GAMING

## (TEAM OF 2 MEMBERS)

For all those gamers out there looking for another opportunity to show –off their unusual talent, hold your horses because here comes Lan gaming competition event with some of the best and the most played games on the table – Valorant. Defeat others and achieve what you deserve.

**RULES:** There can only have 5 players each team. Each round will have one match - Game Mode: Spike Rush. Competition will be in Knock out mode  
Whoever lose the game will be eliminated. Participants shall obey the event coordinator all times. Team using abusive language and Use of any unfair means will be disqualified. The participants should not mishandle the PCs. Any damage caused to them will be borne by you.

### **COORDINATORS:**

Ishant Somani (BCA)-9928271130

Yogeshwar Choudhary (B.TECH) - 99833 43036

## ❖ VIDEO COMPETITION

### (TEAM OF 2 MEMBERS)

It's an event in which you can showcase your photography skills and your presentation skills. You have to capture various pictures and video and compile them together to make a video presentation. You have to present it and brief everyone about what you have prepared.

**RULES:** Video should not be less than 1 min and limit must not exceed then 3 min. Video mut not contain abusive matter or no language. Judgement criteria will be based on the subject the video is on, content of the video and presentation skills.

### **COORDINATORS:**

Sajida Noor(BCA)-9887800463

Kishan Panchal (BCA)- 6350605152



## ❖ QUIZ

### (TEAM OF 4 MEMBERS)

It's an event in which various rounds will be conducted to test your knowledge. Question will be based on maths, science and facts, general knowledge, logical reasoning, engineering.

#### **RULES:**

##### Round 1:

Will be an MCQ based test containing 20 questions. Time limit 15 minutes. Teams will be selected for next round.

##### Round 2:

Questions will be asked from each team. Time limit to answer each question will be 45 seconds. If answered correctly '+10' will be added. If answered wrong '5' scores will be deducted and the question will be passed to another team. For no answer 0 score and question passes to next team. If the passed question is answered, it will be '+ 5', if unanswered then 0 scores for that question. There is only a single pass, that is, no pass after second team.

##### Round 3:

Teams will be selected from previous round. There will be 5 questions. The One who answers first will score 15 points if answered correctly. Team leaders are suppose to press the buzzer to answer question. For incorrect answer and no answer '- 10'. Question will be passed ones with '+ 10' for correct and '- 10' for incorrect answers.

#### **COORDINATORS:**

Yogesh Yadav(B.TECH)-8209712323

Kashish Soni (B.TECH)-9636827552



## GROUP DISCUSSION

(INDIVIDUAL ENTRY)

It's an event in which groups will be made at the time of competition itself. The team formation will be on the spot. Time limit for discussion will be Max - 5 to 7min. Medium of language is both Hindi and English (preferable language is English).

**RULES:** The candidate will be shortlisted on basis of their Keypoints: activeness, participation, communication skills, concise and precise ideas. Negative marking over interruption by other group members Decisions of judges will be final. Event is divided into 2 rounds.

ELIMINATION ROUND....Selection of member on basis of internal discussion of the team members.

Different team will be provided with different topic of discussion for which you have to perform, from each team best member will be selected for next round.

FINAL ROUND....The selected participants from round 1 will be having another round of GD for the different given topic and the best will be the winner.

### **COORDINATORS:**

Kushi Sisodia (BCA)-8946993554

Deepak Bhatt (BCA)- 96644 16890

## ❖ ROCK BOTTOM SALE

(TEAM OF 2 MEMBERS)

It's an event in which You have to aware people to not use plastic and You will have to prepare and sell various environment friendly products like cloth carry bags, Saplings , used books ,seeds ,handmade craft etc. And you would be provided with stalls to sell them.

**RULES: Plastic products should not be displayed.**

Your inventory and costing will be calculated at first. You have to sell the products to people around. Judgement criteria will be based on how many products you sold and the collection and the products you display.

**COORDINATORS:**

Shreya Sharma(B.TECH)-9057259017

Mantasha Shiek(B.TECH)- 8619554886

## ❖ TECHNICAL TREASURE HUNT

(TEAM OF 5 MEMBERS)

It's an event in which you are in search of treasures at various places to win the competition. Giving it a technical twist you will have to crack some technical queries to get the final destination.

**RULES:** The treasures must be hidden at various places in the college campus. While finding the clues Damage to college property and any unfair means should also be avoided .The team finding all the clues and reaching the destination first will win.

**COORDINATORS:**

Harshvardhan Gandharv(B.TECH) -9284439427

Badal Singh(B.TECH)-7850056018

