



AN EES INITIATIVE

SPHURAD 2K23

CONCEPTS RECTIFIED | CALIBRE AMPLIFIED

EVENT BROCHURE

7-9th April, 2023

PRIZES WORTH 1 LAKH!

ABOUT THE INSTITUTION



Indian Institute of Engineering Science and Technology, Shibpur (IEST Shibpur) is a premier technical institute located in the historic city of Howrah, West Bengal, India. With a rich legacy dating back to 1856, IEST Shibpur offers a wide range of undergraduate and postgraduate programs in engineering, technology, and basic sciences. The institute is renowned for its world-class faculty, state-of-the-art infrastructure, and innovative research culture that nurtures the next generation of engineers, scientists, and technologists.

Sphuran, the technical festival of IEST Shibpur's Electrical Engineering Department, brings together students, industry leaders, and researchers to showcase technical skills and innovations.

Known for its intellectually stimulating events like paper presentations, project exhibitions, robotics, and hackathons, Sphuran encourages creative and critical thinking. It's a great platform for students to network, build portfolios and gain exposure to the latest trends and technologies in electrical engineering.

ABOUT SPHURAN



ELECTROQUIP

Keen on quizzing yourselves with fluxes and farads, transformers and taps, lightning arcs and all things core? Wanna show off your calibre in the electrical domain?

Well then, you are at just the right place. Organized in collaboration with industry experts, "Electroquip" is a quiz event like no other. Get ready to test your concepts of basic electrical engineering, machines, power systems and control systems. Those who make it to the victory stand will get handsome prizes and suitable recognition for their knowledge and skills in the field.

RULES:

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NO. OF ROUNDS

03

₹12000

TEAM SIZE

02-03

PRIZE MONEY

Round I: 7/4, 1-1:45 PM, I-Hall
Round II: 8/4, 10:30-11:30 AM
Seminar Hall, EE Dept, IIESTS
Round III: 9/4, 10 AM- 11 AM,
Seminar Hall, EE Dept, IIESTS

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IESTians) : ₹70/ TEAM

VOLTAGE VOYAGE

Do you ever dream of being on a mind-bending adventure spanning several exciting landscapes in an Indiana Jones-ish style?

Well, Sphuran 2.0 brings you another breathtaking event Voltage Voyage where you need to rush your brain all way through the basic concepts of Electrical Engineering to track down the hidden treasures and snatch the chance of squashing out the best of team work.

So guys, energise yourself and get ready to manifest something so educative yet so much fun !

RULES:

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NO. OF ROUNDS

01

₹10000

PRIZE MONEY

TEAM SIZE

03-04

08th April, 2023
04:00 PM - 06: 30 PM
Parade Grounds, IEST Shibpur

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IESTians) : ₹100/ TEAM

ACE THE RACE

Love building new and advanced robots? Wanna test your bot design skills to the limit? "Ace the Race" is an exciting robot design competition. We envision that student teams will develop their own robotic systems in order to compete in Line follower races, challenging the limits of robotic design and autonomy technologies. This challenge will test the speed, accuracy and agility of your robots to the next level. So get ready to amp your design skills for a fierce robo battle!

RULES:

https://drive.google.com/drive/folders/1yF4Bdg4OLutizk-CIbdwSn_Y9qAoPLV2?usp=sharing

no. of rounds

01

₹10000

PRIZE MONEY

TEAM SIZE

ANY

09th April, 03:00 PM -
04:00 PM, Netaji Bhavan,
IEST Shibpur

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IESTians) : ₹100/ TEAM

adhyayan

Attention all tech enthusiasts!

Are you ready to showcase your problem-solving skills and analytical thinking in the tech industry? If so, we have an exciting opportunity for you! Sphuran 2023 includes Adhayan, a case study competition that challenges participants to come up with innovative solutions to real-world current tech trends and business problems. The competition apart from boosting your creative thinking would provide some amazing prizes for the winners, including cash prizes, and certificates of recognition. We can't wait to see you at the Tech Fest and witness the incredible solutions you come up with. Let's innovate, analyze, and excel together in the world of tech!

RULES:

https://drive.google.com/drive/folders/1yF4Bdg4OLutizk-CIbdwSn_Y9qAoPLV2?usp=sharing

NO. OF ROUNDS

01

₹10000

PRIZE MONEY

TEAM SIZE

02-03

Round I: 03rd - 06th April, 2023

ONLINE

Round II: 08th April, 2023

3:00 PM-4:00 PM

Seminar Hall, EE Dept, IIESTS

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IIESTians) : ₹70/ TEAM

ILLUMINATION

Attention all electronics enthusiasts!

Here's your chance to showcase your electronic skills! A series of challenging design problems awaits you at "Illumination", a circuit simulation event. Your aim is to engineer the best electronic circuits that solve the problems, using any circuit simulation software of your choice. Credit will be given based on the functionality, ingenuity and efficiency of the design. We also have a hardware round, where you will be working with real components and breathing life into your designs.

Have fun creating new circuits and watching the electrons dance around!

RULES: https://drive.google.com/drive/folders/1yF4Bdg4OLutiZk-CIbdwSn_Y9qAoPLV2?usp=sharing

NO. OF ROUNDS

02

TEAM SIZE

01-02

₹10000

Round I: 08th April, 2023
1:30 PM-2:30 PM
Round II: 09th April, 2023
1:30 PM-2:30 PM
S-464, EE Dept, IIESTS

PRIZE MONEY

ENTRY FEE (FOR NON-IIESTians) : ₹50/ TEAM

CYBER BLAME

From smartphones to self-driving cars, technology is changing the way we live, work, and communicate with each other. And at the forefront of this technological revolution are coders – the people who create the software that powers our devices and systems.

To celebrate the importance of coding and to encourage the development of new and innovative technology, we are thrilled to announce Cyber Blame, a coding contest for our upcoming tech fest.

The coding contest is the perfect opportunity to put your skills and knowledge of programming languages to the test and compete against other talented coders.

So, dust off your programming skills, fire up your laptop, and get ready to take on the challenge!

RULES:

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NO. OF ROUNDS

01

₹10000

PRIZE MONEY

TEAM SIZE

01

Round I: 07th April, 2023
8:00 PM-9:30 PM
ONLINE

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IIESTians) : ₹70/ TEAM

ARGUMENTATION

It's going to be legen-- wait for it --dary. It's going to be legendary!

Equipped with facts and logic along with the desire to excel in heated arguments, the contenders are ready for the battle of words to begin in "Argumentation". Powerful speeches, fiery replies and definitive comebacks. Team Sphuran is excited to conduct this debate as it is sure to rouse your oratory skills letting you exhibit the power of your mind in an electrifying debate.

So hold no vendetta as we seek flaming debates with red-hot words! Meet you at the disclosure.

Happy debating!

RULES:

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NO. OF ROUNDS

01

₹ 8000

PRIZE MONEY

TEAM SIZE

02

07th April, 2023 | 3:30 PM-5:30 PM, Amenities Centre, IIEST Shibpur

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IIESTians) : ₹70/ TEAM



Don't we often lose our way through tedious chapters of unappealing books while going for something quite simple and conclusive? As far as we go, that's definitely a very boring way to learn. Therefore, be your own mentor to learning as we are yet with another unique and exciting event where you can showcase your hidden talent of presenting ideas in a visually simpler way. All you need to do is, bring up your research recipe, cook it up with some attractive content, garnish it with lots, and lots of your creativity with a pinch of simplicity, and there you go, ready to serve!

It's always nice to find your hidden self, isn't it? So what are you waiting for, go and register now!

RULES: https://drive.google.com/drive/folders/1yF4Bdg4OLutizk-CIbdwSn_Y9qAoPLV2?usp=sharing

NO. OF ROUNDS

02

₹10000

PRIZE MONEY

TEAM SIZE

02-03

Round I: 07th April, 2023
2:00 PM-3:00 PM, EE Sub Library
Round II: 09th April, 2023
2:30 PM-3:30 PM
Sub-Library, EE Dept, IIESTS

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IESTians) : ₹70/ TEAM

SHATRAND

Traxler , Scandinavian, Sicilian , Stafford or Ruy Lopez....

Which one do you prefer or wanna try your own variations this time ?

Delve in your thoughts, put together your openings and defenses , set up your traps and prepare yourself for the next gambit cause Sphuran 2023 brings to you an enthusing chess competition on 07/04/23 .

And don't forget-

" Every move must have a purpose ! ! "

RULES:

https://drive.google.com/drive/folders/1yF4Bdg4OLutizk-CIbdwSn_Y9qAoPLV2?usp=sharing

no. of rounds

01

₹ 4000

PRIZE MONEY

TEAM SIZE

01

07th April, 2023 | 6:00 PM-7:30 PM, Amenities Centre, IIEST Shibpur

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IESTians) : ₹50/ TEAM

VIDYUT GYAN

Attention all electrical enthusiasts! It's time to put your knowledge to the test in our upcoming electrical quiz competition!

This competition is open to anyone with a passion for electrical engineering knowledge and a desire to learn more about the field. Whether you're a student, a professional, or just an enthusiast, this is your chance to showcase your knowledge and compete with other like-minded individuals.

RULES:

https://drive.google.com/drive/folders/1yF4Bdg4OLutizk-CIbdwSn_Y9qAoPLV2?usp=sharing

NO. OF ROUNDS

02

₹ 8000

PRIZE MONEY

TEAM SIZE

01-02

Round I: 08th April, 2023
12:00 PM-1:00 PM, ASH
Round II: 09th April, 2023
11:30 AM-1:00 PM
S-470, EE Dept, IIESTS

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IESTians) : ₹50/ TEAM

GAMING

EVENTS



Flaunt your gaming tactics and win prizes at SPHURAN 2.0's exuberant online gaming events "Valorant" and "FIFA 2022" on 7th and 8th April 2023. Swoop into the battlefields in your virtual form, line up to action or lurk in a cubby, set the spikes and dink the flankers to call an "ace" !! Or alternatively, become a world champion at FIFA through your strategic moves and legendary goals. So what are you waiting for! Register your team for the savage online gaming competitions "Valorant" (7th April at 9:30pm) and "FIFA 2022" (8th April at 7:30 pm).
"Be a warrior not a worrier because ... the only fear here is no Wi-fi !"

RULES:

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NO. OF ROUNDS

03

TEAM SIZE

01

₹ 4000
PER GAME

PRIZE MONEY

VALORANT: 07th April, 2023, 09:30 PM onwards, HOSTEL Premises

FIFA: 08th April, 2023, 07:30 PM-09:30 PM, Amenities Centre, IIEST

DATE, TIME, PLACE

ENTRY FEE (FOR NON-IIESTians) : ₹40/ PLAYER (FIFA)
₹100/ TEAM (VALORANT)

FUN EVENTS

Are you tired of only technical events? No worries, we heard you. We've got an exciting lineup of games that will put your skills to the test and keep you entertained throughout the day.

RULES: https://drive.google.com/drive/folders/1yF4Bdg4OLutizk-CIbdwSn_Y9qAoPLV2?usp=sharing

DART GAME

Show off your precision and accuracy by hitting the bullseye and scoring high!

no. OF ROUNDS

01

TEAM SIZE

01

EXCITING GOODIES TO WIN

ENTRY FEE (for all) : ₹20/ PERSON

WIRE THE LOOP

This exciting game involves taking a ring of wire through a loop without touching it. It may sound simple, but it requires a steady hand, careful planning, and quick reflexes

HEAD-PHONE GAME

The game will see how well you sync with your teammate. Can You figure out the answer even among so much commotion?

DATE, TIME, PLACE

07th April-09th April, 2023
Parade Ground , IIESTS

ALUMNI CONVENTION BUSINESS & MEETING

As the fruit never falls away from a tree, one can never be away from their Alma mater no matter where they are in the World.

For the first time, Sphuran 2.0 is organising an alumni meet for all those who came ahead of us. All are invited to grace the occasion and bask in the glory days of their college life within the hallowed walls of the Department.

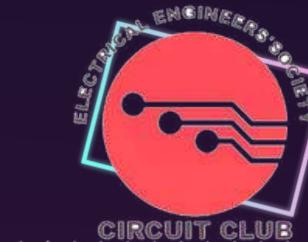
Further, our alumnis who are in many positions around the world would grace us with their wisdom. A Business meet would follow the alumni convention. Come all and listen to experiences of those who have sailed the sea of the professional world.

09th April, 2023 | 04:00PM -06:00PM | EE Seminar Hall

OUR SPONSORS



OUR PARTNERS



GETTING IN TOUCH!

REACH OUT TO:

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SCAN TO REGISTER

