



IEEE
BANGALORE SECTION



Kristu Jayanti College

AUTONOMOUS

Bengaluru

Reaccredited A++ Grade by NAAC | Affiliated to Bengaluru North University



IEEE

Department of Computer Science (UG)

Presents

National Level Inter-Collegiate IT Fest

DEPARTMENT OF COMPUTER SCIENCE UG

XACTITUDE

2022

3RD AND 4TH MARCH 2022

[CLICK HERE TO REGISTER](#)

PLATFORM





CODEX

CODING AND DEBUGGING



PIRATES

MATHEMATICS EVENT



STATSORYX

STATISTICS EVENT



CSSTEMATIC

WEB DESIGNING



NEUTRINO

PHYSICS EVENT



ELECTROQUOLTA

ELECTRONICS EVENT

GENERAL INSTRUCTIONS

- All the events are for individual participants.
- During the events participants should keep their camera switched on, throughout the zoom session.
- Frequent and/or Extended disconnection from Zoom will lead to disqualification.
- The events consists of two rounds; preliminary and final round.
- The participants should have a Laptop/Desktop/Mobile Phone with a webcam and stable internet connection.
- Quiz links and Zoom links will be sent to the registered participants. Joining late will not be entertained.
- Malpractice of any sort will lead to disqualification

PRELIMINARY ROUND

- Round will be based on basic programming concepts of C
- The round consists of 30 MCQ questions, 1 point for each correct answer and no negative marking.
- The time constraint is 15 minutes.
- The qualifying participants will proceed to the Next round.
- 30 will be selected for the final round. In case of a tie, submission time will be considered as a tie-breaker.
- Round will be held on Quizizz platform. Participants can familiarize themselves with it.

FINAL ROUND

- Final Round will be held on Hackerrank platform. Participants can familiarize themselves with the platform beforehand to be prepared.
- Make sure to create an account on Hackerrank using your college email id and set username as register number. Discrepancy will lead to disqualification.

Round A (CODING)

- Round will be based on the basic programming concepts of C.
- The round consists of 4 questions on C. The time constraint is 20 minutes.
- There will be no negative points.
- All participants will proceed to the Next round.

Round B (DEBUGGING)

- Round will be based on the basic programming concepts of C.
- The round consists of 3 questions.
- The time constraint is 15 minutes.
- There will be no negative points.
- Winners will be decided from both the rounds' points, time taken, and code quality.
- In case of tie, submission time and points of round 1 and 2 will be considered.

Student Coordinators

Ashwin Hebbar
8660722846

Sayan Ghosh
9836691577

General Guidelines

- The events will be proctored and will be conducted through Zoom.
- Laptop or Desktop with a webcam is required.
- It is an individual event.
- Participants must have their camera turned on throughout the event.
- Participants must ensure that they have a stable internet connection.
- Frequent and/or extended disconnects from the Zoom meeting will result in disqualification.
- In case of any inconvenience, you can reach out to any of the event coordinators.

Prelims (Designing Battle)

- This is a 30-minute round.
- In this, participants will be given a piece of code along with an image design.
- They have to debug the code and generate an output based on the image.
- The image will be provided on the day of the event.
- Results will be based on the cloning of the image and the least number of lines in the code.
- Top 30% of participants will be selected for the final round, capped at 10.

Final Round(Clone A Website)

- Participants will be asked to clone a website based on the given design.
- 45-minutes will be allotted to replicate the given UI.
- Only HTML, CSS and Vanilla JavaScript is allowed to use.
- Usage of any library or framework is not permitted.
- No AI extension such as Github Copilot shall be used.
- The participants must submit the .zip file consisting of all the resources, including the screenshots of their output.
- Resources like fonts and icons will be provided to all the participants.
- Refrain from using any resource file which is not provided by us.
- The judge's decision will be final and binding.

Student Coordinators

Rohit Raj	Haseef Azhan
7004806512	6360241530

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MATHEMATICS EVENT



General Guidelines

1. Participants are expected to join the meeting 10 mins prior.
2. The link for the Zoom meeting will be shared in the Whatsapp group.
3. Participants are expected to keep their cameras on throughout the event, failing to do so will lead to disqualification.
4. The decision of the judges as regards the result of the competition will be final and binding.
5. The organizer's decision regarding the interpretation of rules or any other matter relating to the competition will be final.
6. If there is any situation not contemplated in the rules, the decision of the judges shall be final.
7. Participants are expected to ensure a good network connection.

PRELIMS

- Prelims will be conducted through google forms.
- Participants will have to solve 20 questions in 20 mins .
- The link for the google form will be shared in the zoom meeting.
- The results will be declared in the zoom meeting and Whatsapp group

Round 1

- Round 1 will be conducted on the QUIZZES platform.
- A link for the same will be given in the meeting itself.
- This round will have 10 questions in total and your scores will be taken into account.
- No elimination will be there in this round.
- Participants should register with their names on the QUIZZES platform.

Round 2 (Rapid Fire)

- Each participant will have to answer 3 questions.
- 30 secs will be provided for each question.
- This round will take place in the zoom meeting itself and participant has to answer verbally in the meeting.
- Bonus round will be conducted & its instruction will be given on time.
- On basis of all the rounds the winner would be declared.

Student Coordinators

Satpreet Kaur | Vipin Raut | Muskan Agarwal
7840921371

NEUTRINO PHYSICS EVENT



General Guidelines: Participants are required to keep their camera switched on throughout the session. The event will be conducted in online mode.

ROUND 1 Aptitude

- 20 objective-type questions to be answered in 20 minutes.
- Quiz will be conducted online along with video proctoring on zoom.
- Submissions after the allocated time will not be accepted.
- In case of tie, time taken to submit will be considered.
- This is an elimination round and no negative marking.

ROUND 2

- Consists of two segments.
- This round is based upon testing the participant's basic knowledge in the field of physics which comprises of logical reasoning and understanding of the subject.
- The scores of both the segments will be taken into account to decide the final winner.

Student Coordinators

Keerthi T N | Shara Ann Charles
96320 61398

Round 1: Preliminary Round

- A link will be shared which redirects the participants to an e-quiz platform. A quiz will be conducted to test their aptitude on the subject.
- Participants are required to answer 15 questions in the allotted time.
- The total time duration for the round is 15 minutes.
- Top 7 participants will qualify for the next round based on their scores.

Round 2: Final Round

- The top 7 participants from the preliminary rounds will be eligible to participate in this round. The details of this round will be shared to the participants once they have qualified the preliminary round.

Student Coordinators

Anusree Baburaj | Thomas Sabu
9400160012

ELECTROVOLTA

ELECTRONICS EVENT



PRELIMINARY ROUND

- Participants are required keep their videos on during the entire session.
- A quiz will be held to test your aptitude on the subject.
- Top 6 students will be selected for the final round.
- There will be no negative points in this round.

FINAL ROUND

- Participants are required keep their videos on during the entire session.
- A crossword will be displayed on the screen for all participants to see.
- Points will be given based on the correct answers and the fastest time taken to solve.
- The Participant will have to type in the answers to the corresponding numbers and specifying down or across.
- In case of a tie, accumulation of the points from the previous and current round will be considered.

Student Coordinators

Jebeth J. S. Jason	Arun GK
7204288202	9060408940

SCHEDULE

DATE : 3RD MARCH 2022

Time	Event
10:30am - 11:30am	Electrovolta (Electronics)
11:45am - 12:30pm	CSStematic Prelims (Web Designing)
12:45pm - 02:30pm	Statsoryx (Statistics)
02:45pm - 04:30pm	Neutrino (Physics)

DATE : 4TH MARCH 2022

Time	Event
09:00am - 10:15am	CSStematic Finals (Web Designing)
10:25am - 12:00pm	$\pi rates$ (Mathematics)
12:15pm - 02:30pm	Codex (Coding and Debugging)

FACULTY COORDINATORS

Prof. Ramanathan G (89710 02351)
Prof. Divya K.S (88846 44346)

STUDENT COORDINATORS

Mr. Sanjay Karthik M (96320 61398)
Ms. Sandra Prince

CONTACT XACTITUDE TEAM



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REGISTRATION



RS: 50
PER
PARTICIPANT

A single registrant can
participate in any number
of events

*Disclaimer: Participants
must make sure that events
do not clash.