

26th Cyber Genius 2023

Important details of the events

Senior Group

1. Python programming (At KHS on 2nd December 2023)

- Students can participate individually **max 6** .
- Students can choose only one topic from the pool of chits available at the competition desk
- Student can use any of the python programming platform e.g. IDLE / PyCharm / Spyder/Visual Studio Code etc .
- Students can bring their own devices (Laptops) and internet for the competition
- Laptops carried by students should have the respective software / applications installed for Python programming
- **If you don't plan to BYOD , IDLE 3.6 is available at KHS .**
- Students need to complete the program in the allotted time at KHS
- It is recommended to bring your own Internet if you are planning to use any online coding platform.

2. UI/UX Responsive Web page/ form designing using HTML, CSS and Bootstrap (AT KHS on 2nd Dec 2023)

- Students need to participate **individually (max 6 students)**
- Topics will be communicated in advance on **khscyber.in**.
- Students can choose any one topic from the given list and can be prepared with some templates and design ideas .
- Students can bring their own devices (Laptops) and internet for the competition
- Laptops carried by students should have the respective software / applications installed for **Web page/ form designing**.
- **If you don't plan to BYOD , Notepad++ is available at KHS.**
- Students need to complete the web page/ form designing of the selected topic in the allotted time **at KHS**.
- It is recommended to bring your own Internet if you are planning to use any online coding platform

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3. ICT based Start-up ideas(Create a ppt of ideas based on the topics given on the Spot)

- Students can participate in a **team of max 4 students.**
- Topics will be communicated in advance on **khscyber.in**
- Students can choose any one topic from the given list on the spot and need to prepare a presentation or document explaining the complete concept.
- Students need to present the presentation or document . IT Professionals and IT industry Experts will ask Questions regarding the selected Start-ups.
- It is recommended to bring your own laptops/ products /models (if designed and created) and internet for actual demonstrations to experts.

Junior Group

1. Scratch / Snap /Blockly Programming

- Students can participate in **a team of 2. (max 6 teams of 2 students each)**
- Topics will be communicated in advance on **khscyber.in**
- Students can choose any one topic from the given list and complete the program using Scratch /Snap or Blockly
- Completed program code needs to be submitted at scheduled dates through **Google form submission upto 9th Dec 2023.**
- Based on the outputs and program codes, candidates will be shortlisted for **Viva Round using at KHS on 16th Dec 2023** where Domain experts can ask Questions regarding the completed program

2. M.S. Paint (At KHS on 9th Dec 2023)

- Students will participate **individually max 6 students**
- No prepared images can be used.
- **Topics will be communicated in advance on khscyber.in**
- Students need to complete the Paint drawings of chosen topic in the allotted time at KHS.

3. Creating audio visual Greeting card using MS PowerPoint / Google Slides (At KHS on 9th Dec 2023)

- Students will participate in **a team of 2 (max. 3 teams of 2 students each)**
- No prepared images can be used.
- Students can choose only one topic from the given list on the competition day.
- Student can use any of the presentation application like MS PowerPoint / Google slides
- **If you don't plan to BYOD , offline version of M.S. Power Point 2013 is available at KHS .**
- If you are planning to use the platforms like **Google Slides** , Students can bring their own devices (Laptops) and internet for the competition (Optional)

- Laptops carried by students should have the respective software / applications installed for making the presentations
- Students need to complete the Presentation in the allotted time at KHS.

4. RoboMission (At KHS on 16th Dec)

- Students can participate in a team of max 2 students (1 team of max 2 students)
 - Robots will be provided at the time of competition. Students have to complete the given challenges within minimum amount of time.
 - Details of the final round will be communicated to shortlisted candidates separately
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