

SUST Astro Carnival 2023

Event details & Registration

Shahjalal University of Science and Technology's (SUST) only organisation dedicated to astronomy, "Copernicus Astronomical Memorial of SUST" (CAM-SUST), aims to foster discussions on astronomy among curious students and astronomy enthusiasts throughout the country. With this objective in mind, CAM-SUST is organising the "SUST Astro Carnival 2023" event. Students from schools, colleges, and universities will have the opportunity to participate in this two-day event.

Event Date: 8th and 9th September 2023

Location: Shahjalal University of Science and Technology, Sylhet

Categories:

- Junior: 6th grade - 8th grade
- Secondary: 9th grade - 10th grade
- Higher Secondary: 11th grade - 12 grade
- Senior: Undergraduate level

Segments for Junior, Secondary, and Higher Secondary Categories:

Neuron Teaser Contest:

This is a problem-solving competition in the field of astronomy. Participants can take part individually or in teams of up to three members. Each team member must register separately. The top two teams from each category will be awarded.

Brainstorming Contest:

This is an astronomy quiz competition. Participants will take part individually. The top five participants from each category will be awarded.

Poster Presentation:

In this segment, participants will present information on a specific topic related to space on a poster (20" x 28"). The posters should be submitted during registration on the day of the competition. During the judging process, participants must be present near their posters. Evaluation will be based on the provided information, novelty, and presentation style. The top two participants from each category will be awarded.

Total Prize: 28,000 BDT equivalent

Registration Fee: Upon paying a registration fee of 200 BDT, one participant from the Junior, Secondary, and Higher Secondary categories can participate in all the above segments.

→ Segments for the Senior Category:

☀ Water Rocket Competition:

Participants will present their water rocket models. Participants can take part individually or in teams of up to three members. The diameter of the bottle used in the model should be 0.8 inches. Participants do not need to create a rocket launcher. Each rocket will be launched twice at 90° and 45° angles. Evaluation will be based on flight time and distance covered. The top three teams will be awarded.

Total Prize: 7,000 BDT

Registration Fee: Each team member needs to pay a registration fee of 200 BDT in this segment.

☀ Astro Olympiad:

Participants will solve various problems related to space and astronomy as a team. Each team can have a maximum of three members. The top three teams will be awarded.

Total Prize: 25,000 BDT

Registration Fee: Each team needs to pay a registration fee of 1,000 BDT in this segment.

→ Segments Open for all categories:

☀ Seminar:

In this segment, esteemed guests will deliver captivating presentations and discussions on various topics related to space and astronomy. Participants will have the opportunity to directly ask questions to the speakers after the presentations.

☀ Lunar VR Show:

This segment will feature a presentation of the "Lunar VR" virtual reality app developed by the team "Olik". The app allows virtual exploration of the landing site of NASA's Apollo 11 mission, witnessing lunar eclipses from the Moon, and orbiting the Moon using a satellite. The team "Olik" was the champion in the "Best Use of Data" category at the NASA Space Apps Challenge 2018.

☀ Star Gazing:


Observation of the sky will be conducted using a telescope during the event, provided the sky is clear.

☀ Museum Bus:

A mobile Museum Bus from National Museum of Science and Technology will be showcased to all the participants where they can experience various scientific models, experiments etc.

Registration and Rules:

- Registration deadline is until 1st September 2023, 11:59 PM.
- Registration fees are specified based on the category and segment.
- The fees should be sent via bKash/Rocket to the number: 01842267878.
- After making the payment, the transaction ID of the respective mobile banking transaction must be saved.
- Fill out the registration form using the following online registration form link: <https://cam-sust.org/astro-carnival-registration/>
- During form submission, provide the previously used mobile banking number and transaction ID for fee payment.

 Failure to follow the above instructions will result in the rejection of registration.

Other Guidelines:

- Each student must carry their school/college ID card during the competition.
- Participants must be present at the venue at least one hour before the start of the event.
- Registration without the payment of the registration fee will not be accepted.
- The use of mobile phones or electronic devices is strictly prohibited during the examination.
- Spot registration will not be available. No registrations will be accepted after the registration deadline.
- The registration fee is non-refundable.

CAM-SUST reserves the right to make any changes, modifications, amendments, mergers, or decisions deemed necessary for the competition's well-being. CAM-SUST is not liable to any organisation or individual for such changes.

Contact Information:

- Facebook Page: <https://www.facebook.com/camsust>
- Website: <https://cam-sust.org/>
- Mobile: 01842267878