

# Deenbandhu Chhotu Ram University of Science & Technology, Murthal

## Event: Science Conclave-2022

### Common Instructions for All Events:

1. Registration is mandatory.
2. There is no registration fee.
2. If not mentioned Rules & Prizes will be as per the University rules.
3. Kit and Lunch will be provided to the registered participant and their team only.
4. Juries' decision will be the final decision and in case of any dispute decision of the event organizer will be final.
5. Participation in this event will be strictly on the basis of Identity Cards.
6. Email id for all the events wherever it is not mentioned is [scienceconclave2022@dcrustm.org](mailto:scienceconclave2022@dcrustm.org)
7. Best five of each event in each level (Quiz, declamation, essay, poster competition and science exhibition etc.) will be given cash prize of Rs. 1000/- per team along with mementos if the participants are more than ten. In case of less or a greater number of participants in an event, number for prizes will be decided by the committee in consultation with the convener.
8. Travel allowance will be paid only to Govt. Schools representatives, while private schools have to arrange it at their own. Govt school if it is under municipal corporation area a maximum of 500/- and outside to it will be paid Rs.-16/-per Km or actual bill whichever is less irrespective of the type of vehicle with a ceiling of INR2000/-.

### **Rules for Poster Presentation:**

1. There will be two levels in this event.  
**Junior level:** - Class 7<sup>th</sup> to class 10<sup>th</sup>  
**Senior level:** - 11<sup>th</sup> & 12<sup>th</sup>
2. Maximum two teams (two students/team) are allowed from a school/institute.
3. Posters should be strictly on the theme:  
**“Integrated approach in Science and Technology for sustainable future”**
4. Chart paper may be used for making posters.
5. Only handmade posters are allowed. No printed posters/flex will be accepted.
6. The decision of judges will be the final.

Program In charge:

**Dr Krishan Kumar, 9466618788**

### **Rules for Quiz Competition:**

#### **Level 1-Upto 10<sup>th</sup> class**

Each School can send one team and each comprising of three students of upto 10<sup>th</sup> class level.

The team members should bring their School's identity cards and an authority letter with them for proper verification.

1. Best 8 teams will be selected for participation in science quiz. A screening/written test (objective/short answer) will be organized if there are more than 8 teams.
2. Science quiz should have equal questions from General Science (Physics, Chemistry, and Biology), Maths, Material science and Environmental science subjects.
3. In case of any tie between teams, another rapid-fire round will decide the qualifying team.

4. Question will be given in English, but the students can answer either in English or Hindi.

**Note: Consent for participation in the science quiz must be sent by 10/03/2022**

**Programme Schedule**

Date: 14/03/2022

Screening Test: 10:00 am, MV-Block, 14/03/2022

Quiz contest: 14/03/2022

**Event In-charge: Dr. Rajender Singh Malik, Department of Chemistry**

**E-mail: [rsmalik.chem@dcrustm.org](mailto:rsmalik.chem@dcrustm.org), 09813846209**

**General Instructions**

**Level 2- upto12th class**

Each School can send two teams and each comprising of two science students of upto 12<sup>th</sup> standard. The team members should bring their school's identity cards and an authority letter with them for proper verification.

1. Best 8 teams will be selected for participation in science quiz. A screening/written test (objective/short answer) will be organized if there are more than 8 teams.
2. Science quiz should have equal questions from Physics, Chemistry, Maths, Biology and Environmental studies subjects.
3. In case of any tie between teams, another rapid-fire round will decide the qualifying team.
4. Question will be given in English, but the students can answer either in English or Hindi.

**Note: Consent for participation in the science quiz must be sent by 10/03/2022**

**Programme Schedule**

Date: 14/03/2022

Screening Test: 10:00 am, MV-Block, 14/03/2022

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**Event Incharge: Dr. Rajender Singh Malik, Department of Chemistry**

**E mail: [rsmalik.chem@dcrustm.org](mailto:rsmalik.chem@dcrustm.org), 09813846209**

***Rules for Working Model Exhibition event:***

1. Model should be strictly on the topics.  
"Integrated approach in Science and Technology for sustainable future "
2. Maximum two teams (each of two students) are allowed from a school/institute.
3. There will be two levels in this event.
  1. Junior level: 6th-10th Class
  2. Senior level: 11th-12th Class
4. Best 05 model in each level shall be selected by the judges and prizes in each level shall be given as per university rule
5. Self made models with innovative ideas will be given preference.
6. Judges decision will be the final decision.
7. Refreshment will be provided to the registered participant of the team.
8. Please send your entries as early as possible using the given Google link, late entries are not allowed

9. Participation shall wear their Identity Cards all time
10. Please specify your electricity need for working model in registration form in remarks.

***EVENT INCHARGE: DR RAVINDER KUMAR 9466437256***

Rules For Debate/Declamation Competition:

**Theme: Integrated approach in science and technology for a sustainable future.**

1. Two levels: Level-I (L1): Class upto 10. Level-II (L2): Class-11 & 12.
2. Two/One participants from each school/institute shall constitute a team in each category.
3. The participants will present independently without using any electronic gadgets like mobile phones, computers iPods etc. Those who use such gadgets will be disqualified and they will not be permitted to participate in the competition.
4. Each speaker will be given four minutes. At the end of the third minute a warning bell will be rung. The final bell will be sounded at the end of the fourth minute. The speaker exceeding the time limit will be disqualified.
5. The speakers are required to come in their respective school/college uniform and will address the chair only. Participants should refrain from reading previously prepared script, any paper or aid. Unparliamentarily language should not be used. No personal comments or observations should be made against any religion, caste, community, political party or individual.
6. The matter should be limited to the topic only.
7. Speakers will be adjudged for the matter, diction, delivery, manner, time, and language.

**Rules For Essay writing Competition:**

**Theme: Integrated approach in science and technology for a sustainable future.**

Level -1 (upto class 10) - Time allotted for writing an essay will be one hour.

- Sheet for writing will be provided by the organizer.
- Maximum word limit –200 to 250 words.
- The essay should be the original work and it should not be copied from anywhere.
- Participation certificate will be given to all the participants.
- Prior intimation regarding participation is must.
- The decision of the Judge shall be final & binding on all the participants.

Level -2 (Class 11&12)

- Time allotted for writing an essay will be one hour.
- Sheet for writing will be provided by the organizer.
- Maximum word limit –300 to 400 words.
- The essay should be the original work and it should not be copied from anywhere.
- Participation certificate will be given to all the participants.
- Prior intimation regarding participation is must.
- The decision of the Judge shall be final & binding on all the participants.

In charge for essay writing and debate/declamation competition:

DR PRADEEP KADIYAN                      8818000084

**Rules for Robotic competition**

### Rules for Line Following Robot

- Maximum of 6 and a minimum of 2 IR sensors will be permitted.
- Permitted battery voltage will be a maximum of 24V.
- Dimensions of Bot should be less than or equal to 250 \* 250 \* 250 mm.
- Time allocated for trail run will be a maximum of 5 minutes.
- After trail run, Participants will be allowed to make slight adjustments but change of parts will not be allowed.
- Bot should never be completely off the track.

### Scoring

10 points - Completing Trail Run

30 points - Completing Actual Run

10 points - Completing Actual Run via Shortest Path.

### Rules for Robo Race

- Maximum of 4 and minimum of 2 motors will be allowed.
- Permitted battery voltage will be a maximum of 24V.
- Dimensions of Bot should be less than or equal to 300 \* 300 \* 300 mm.
- Bot should never leave the designated path, if this happens then the participant needs to start from the previous checkpoint again.

### Scoring

Every checkpoint - 5 points.

Completion of Race - 30 points.

Every restart - (-5) points.

Fastest time - 15 points.

Completion without restart - 10 points.

Incharge: Dr Vikas Nehra 94668 85382