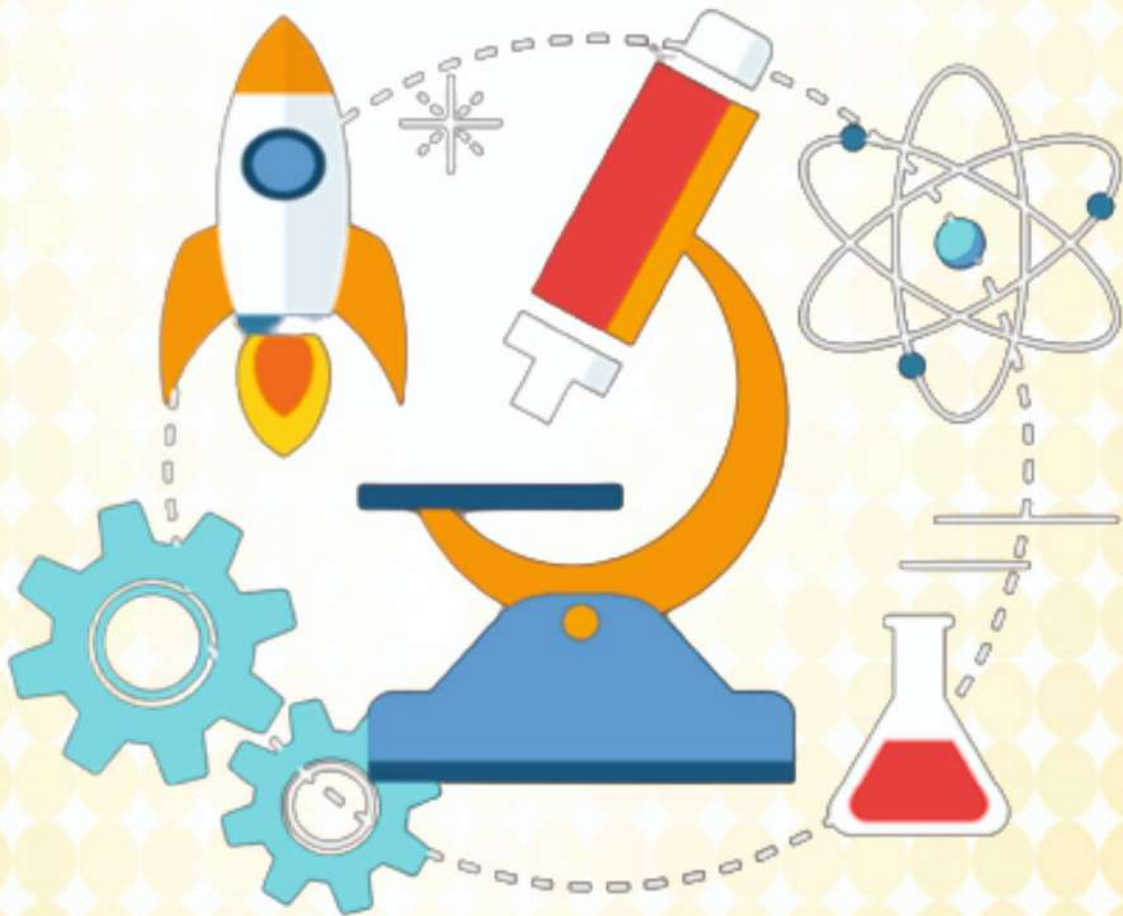




SCIENCE CONCLAVE



Vigyan Yatra
February 16-17, 2023

CHAUDHARY RANBIR SINGH UNIVERSITY, JIND

Established by Govt. of Haryana Legislature Act No. 28 of 2014
(Recognized under section 12 (b) of UGC act, 1956)

About the University

Established by the State Legislature Act 28 of 2014 on July 24, 2014, Chaudhary Ranbir Singh University has a sprawling campus of 75 acres situated 2 kilometres from Gohana Bypass, Jind. The University was established with the vision of imparting quality education by creating most conducive ambience for the production and dissemination of knowledge guided by innovative thinking, scientific enquiry, sublime human values, sustainable ecology, and democratic ethos. The aim of the University is the cultivation of citizens with a rich awareness of our heritage to lead and serve in every sphere of human activity.

About the DST Haryana

The Science & Technology (S&T) Department was created on March, 1983. Promotion of renewable energy programmes was one of the thrust area and objective of the Department and most of the resources were concentrated in this direction. In 1995, State Govt. created new Department of Non Conventional Energy Sources by bifurcating the S&T Department Accordingly, priority areas of Department were reframed.

About the Science Conclave

Chaudhary Ranbir Singh University, Jind proposes to organize a two-day science Conclave "VIGYAN YATRA" in collaboration with Department of Science & Technology (Haryana) under the scheme "Organization of science conclave" at the University, Jind. The purpose of workshops is to provide an opportunity for the students, teacher & other academia of Haryana to listen & interact with eminent scientist of India, so that they can get motivated from the live interactions with the invited scientist & follow their foot-steps to become brilliant scientists.

Eligibility

Students of 9th to 12th, Under Graduation, Post Graduation & Ph.D. from Science Stream.

Themes for Science Conclave

Science Exhibition

- Energy-Resources and Conservation (ऊर्जा-संसाधन और संरक्षण)
- Waste Management (कचरा प्रबंधन)
- Digital Empowerment (डिजिटल अधिकारिता)
- Advancement of Biology for Sustainable Future (सतत भविष्य के लिए जीव विज्ञान का विकास)
- Advancement in Information and Communication Technology (सूचना और संचार प्रौद्योगिकी में उन्नति)
- Historical Development with Current Innovation (वर्तमान नवाचार के साथ ऐतिहासिक विकास)
- Environmental Concerns (पर्यावरणीय चिंता)
- Energy-Resources and Conservation (ऊर्जा-संसाधन और संरक्षण)
- Science and The Home (विज्ञान और घर)

Poster Presentation

- Advancement in Technology: Boon or Bane (प्रौद्योगिकी में उन्नति: वरदान या अभिशाप)
- Enabling Technologies for Sustainable Development (सतत विकास के लिए प्रौद्योगिकियों को सक्षम बनाना)
- Pollution: Ways to Tackle It (प्रदूषण : इससे निपटने के तरीके)
- Addictions of Mobile Phones (मोबाइल फोन की लत)
- Importance of Exercise (व्यायाम का महत्व)
- Waste Management (कचरा प्रबंधन)
- Magic of Science (विज्ञान का जादू)
- Sustainable Future- Digital India (सतत भविष्य-डिजिटल भारत)
- Reducing Plastic in The Ocean (समुद्र में प्लास्टिक को कम करना)
- Virtual Labs: Physics, Chemistry and Biology (आभासी प्रयोगशालाएँ : भौतिकी, रसायन विज्ञान और जीव विज्ञान)

Science Essay Writing Competition (UG/PG)

- Role of Science in Modern Warfare (आधुनिक युद्ध में विज्ञान की भूमिका)
- Effects of GMO (genetically modified organisms) Products on Environmental Conservation (पर्यावरण संरक्षण पर जीएमओ (आनुवंशिक रूप से संशोधित जीव) उत्पादों का प्रभाव)
- Science Role on Meteorological Studies (मौसम संबंधी अध्ययन पर विज्ञान की भूमिका)
- Importance of Recycling Products (उत्पादों के पुनर्चक्रण का महत्व)
- Importance of Science Museums on Education (शिक्षा पर विज्ञान संग्रहालयों का महत्व)
- Importance of Science in Developing Environmental Conservation Policies (पर्यावरण संरक्षण नीतियों को विकसित करने में विज्ञान का महत्व)
- Benefits of Nanotechnology in Medicine Studies (चिकित्सा अध्ययन में नैनो प्रौद्योगिकी के लाभ)
- Impact of Overpopulation on The Environment (पर्यावरण पर अधिक जनसंख्या का प्रभाव)
- Is Human Cloning Ethical? (क्या मानव क्लोनिंग नैतिक है?)
- Technology Boosting The Recent Developments In Science (प्रौद्योगिकी विज्ञान में हाल के विकास को बढ़ावा दे रही है)

General Guidelines

POSTER MAKING

- Poster must be based on concerned theme only.
- A single poster from each participant.
- Poster would be made on the spot.
- Duration: 90 minutes.
- Pencil/Crayons/Watercolor/Oil paint/Sheets/Other required materials should be carried by the participants.
- Name/Class/School/Colleges etc. should not be mentioned on the poster.

SCIENTIFIC MODEL

- Scientific Model must be based on concerned theme only.
- Maximum two participants are allowed to present a single Scientific Model.
- Name/Class/School/Colleges etc. should not be mentioned on the Scientific Model.
- Student have to present their Scientific Model within 5-7 minutes to the judges.

Science Essay Writing

- Science Essay must be based on concerned theme only.
- Duration : 1hr.
- Word Limit : 700-1000.
- Pen Color: blue or black only.

Science Quiz

- Participants in a Team : 3

Organizing Committee

Chief Patron

Sh. Bandaru Dattatreya
Chancellor
CRSU, Jind

Patron

Dr. Ranpal Singh
Vice Chancellor
CRSU, Jind

Co-Patron

Prof. Loveleen Mohan
Registrar
CRSU, Jind

Director

Dr. Anand Kumar
Dean Faculty of Physical Sciences
CRSU, Jind

Coordinator

Dr. Nisha Deopa
Assistant Professor
Department of Physics
CRSU, Jind

Co-coordinator

Dr. Sunil Rohilla
Assistant Professor
Department of Physics
CRSU, Jind

&

Faculty Members, Ph.D Research Scholars & Non-Teaching Staff of Physical Sciences/Life Sciences



Ask the right questions, & nature will open the doors to her secrets.

C.V. Raman



Scan for Registration

Online Registration

Opening Date : 3rd February, 2023

Closing Date : 13th February, 2023

Link for Registration : <http://surl.li/ereec>

in case of any difficulty in registration please

contact : 01681-241106, 8683862767

Email : vigyanyatra2023@gmail.com



SCIENCE CONCLAVE

Vigyan Yatra

Day 1 (February 16, 2023)

Registration	9:00 a.m. – 10:00 a.m.	
Inaugural Session	10:00 a.m. – 12:00 p.m.	
Tea Break	12:00 p.m. – 12:20 p.m.	Science Exhibition: 12:00 p.m. – 5:00 p.m.
Invited Talk 1	12:20 p.m. – 01:20 p.m.	
Lunch	01:20 p.m. -02:00 p.m.	
Poster Making	02:00 p.m. -03:30 p.m.	
Science Essay Writing	03:30 p.m. – 4:30 p.m.	
Cultural Events	5:00 p.m.-7:00 p.m.	
Dinner	7:00 p.m. -8:00 p.m.	

Day 2 (February 17, 2023)

Registration	9:00 a.m. – 10:00 a.m.	
Welcome address	10:00 a.m. – 10:10 a.m.	Science Exhibition: 10:00 a.m. – 2:00 p.m.
Invited Talk 1	10:10 a.m. – 11:10 a.m.	Science Quiz 10:00 a.m. –11:30 a.m.
Tea Break	11:10 a.m. – 11:20 a.m.	
Invited Talk 2	11:20 a.m. – 12:20 p.m.	
Lunch	12:20 p.m. – 01:20 p.m.	
Invited Talk 3	01:20 p.m. – 02:20 p.m.	
Valedictory Function & Science Magic Show	03:00 p.m. – 04:30 p.m.	
Prize Distribution	04:30 p.m. – 05:30 p.m.	
Dinner	6:00 p.m. -7:00 p.m.	



**Magic is just
Science that
we don't
Understand
yet.**



SCIENCE EXHIBITION

Date: February 16, 2023 to February 17, 2023

Time: 12:00 p.m. – 5:00 p.m.

Themes for Science Exhibition

- Energy-Resources and conservation (ऊर्जा-संसाधन और संरक्षण)
- Waste Management (कचरा प्रबंधन)
- Digital Empowerment (डिजिटल अधिकारिता)
- Advancement of biology for sustainable future (सतत भविष्य के लिए जीव विज्ञान का विकास)
- Advancement in information and communication technology (सूचना और संचार प्रौद्योगिकी में उन्नति)
- Historical development with current innovation (वर्तमान नवाचार के साथ ऐतिहासिक विकास)
- Environmental concerns (पर्यावरणीय चिंता)
- Energy-Resources and conservation (ऊर्जा-संसाधन और संरक्षण)
- Science and the home (विज्ञान और घर)

Sub Groups

- ❖ Group 1- Class 9 to Class 12 from Science Stream.
- ❖ Group 2- UG/PG from Science Stream.

Rules for Participants

- The Scientific Model must be based on the concerned theme only.
- *Maximum of two participants are allowed to present a single Scientific Model.*
- Name/Class/School/Colleges etc. should not be mentioned in the Scientific Model.
- Students have to present their scientific model within 5-7 minutes to the judges.
- No Financial support will be provided by the University for the preparation of the Scientific Model.



Poster Making Competition

Date: February 16, 2023

Time: 02:00 p.m. -03:30 p.m.

Themes for Poster Making Competition

- Advancement in technology: Boon or Bane (प्रौद्योगिकी में उन्नति: वरदान या अभिशाप)
- Enabling technologies for sustainable development (सतत विकास के लिए प्रौद्योगिकियों को सक्षम बनाना)
- Pollution: Ways to tackle it (प्रदूषण: इससे निपटने के तरीके)
- Addictions of mobile phones (मोबाइल फोन की लत)

- Importance of exercise (व्यायाम का महत्व)
- Waste management (कचरा प्रबंधन)
- Magic of science (विज्ञान का जादू)
- Sustainable future-Digital India (सतत भविष्य-डिजिटल भारत)
- Reducing plastic in the ocean (समुद्र में प्लास्टिक को कम करना)
- Virtual labs: Physics, chemistry and biology (आभासी प्रयोगशालाएँ: भौतिकी, रसायन विज्ञान और जीव विज्ञान)

Sub Groups

- Group 1- Class 9 to Class 12 from Science Stream
- Group 2- UG/PG from Science Stream

Rules for Participants

- Poster must be based on concerned theme only.
- A single poster from each participant.
- Poster would be made on the spot.
- Duration: 90 mins
- Pencil/Crayons/Watercolor/Oil paint/Sheets/Other required materials should be carried by the participants
- Name/Class/School/Colleges etc. should not be mentioned on the poster.



Poster Presentation

Date: February 16, 2023 to February 17, 2023

Time: 12:00 p.m. – 5:00 p.m.

Eligibility

Research Students from M.Sc. and Ph.D.

Themes for Poster Presentation

Participants can prepare a poster on their *Research Topic*.

Rules for Poster Presentation

- Poster must be based on the concerned theme only.
- The recommended poster size is 48 inches wide by 36 inches tall.
- The poster board number assigned to the poster must be placed in the upper left-hand corner of the display. A poster board number cut-out will be provided and must be visible at all times.
- Be sure to include the abstract title, author and co-author names, and the institution(s) where research is underway.
- Place your e-mail address, phone, and fax numbers in the upper right-hand corner of the poster board.
- The designated poster presenter (author or co-author) must be present at the assigned space during the designated time to discuss the work presented.

Tips for Poster Preparation

- Posters should stimulate discussion, not give a long presentation. Therefore, keep text to a minimum, emphasize graphics, and make sure every item included in your poster is necessary.
 - Utilize handouts to supplement your poster.
 - Goal: 20% text, 40% graphics, 40% space.
 - Make sure ideas flow logically from one section to the next.
 - Use charts and graphs to illustrate data (avoid large tables of raw data).
 - Use high resolution photographs (web images often will not work).
 - Do not use all capital letters.
- The use of typewritten, handwritten or a printed Power Point™ presentation as a poster is unacceptable. Presentations in these formats will be removed.
- Be consistent.
 - Keep consistent margins.
 - Keep line spacing consistent.
 - Keep the color, style, and thickness of borders the same.
 - Keep shading consistent.
- Pick no more than 2–3 fonts.
- Pick no more than 2–3 colors.
- Test readability
 - Title banner should be legible from 20 feet away.
 - Body text should legible from 6 feet away.



Science Essay Writing Competition

Date: February 16, 2023

Time: 03:30 p.m. – 4:30 p.m.

Themes for Science Essay Writing Competition

- Role of science in modern warfare (आधुनिक युद्ध में विज्ञान की भूमिका)
- Effects of GMO (genetically modified organisms) products on environmental conservation (पर्यावरण संरक्षण पर जीएमओ (आनुवंशिक रूप से संशोधित जीव) उत्पादों का प्रभाव)
- Science role on meteorological studies (मौसम संबंधी अध्ययन पर विज्ञान की भूमिका)
- Importance of recycling products (उत्पादों के पुनर्चक्रण का महत्व)
- Importance of science museums on education (शिक्षा पर विज्ञान संग्रहालयों का महत्व)
- Importance of science in developing environmental conservation policies (पर्यावरण संरक्षण नीतियों को विकसित करने में विज्ञान का महत्व)
- Benefits of nanotechnology in medicine studies (चिकित्सा अध्ययन में नैनो प्रौद्योगिकी के लाभ)
- Impact of overpopulation on the environment (पर्यावरण पर अधिक जनसंख्या का प्रभाव)
- Is human cloning ethical? (क्या मानव क्लोनिंग नैतिक है?)
- Technology boosting the recent developments in science (प्रौद्योगिकी विज्ञान में हाल के विकास को बढ़ावा दे रही है)

Sub Groups

- Group 1- Class 9 to Class 12 from Science Stream
- Group 2- UG/PG from Science Stream

Rules for Participants

- Science Essay must be based on concerned theme only.
- Duration: 1hr
- Word Limit: 700-1000
- Pen Color: blue or black only



Science Quiz

Date: February 17, 2023

Time: 10:00 a.m. –11:30 a.m.

Sub Groups

- Group 1- Class 9 to Class 12 from Science Stream
- Group 2- UG/PG from Science Stream

Rules for Quiz Competition:

- Participants in a Team : 3
- The medium of the questions will be only English.
- There will be screening round if number of teams are more than 8.
- On the average score derives from all the rounds, winners will be declared.
- There will be certain time span for each round.
- If there is any tie up among the participants about average score, it will be solved by taking another round or set of rounds.
- All the rights related with the competition are reserved to Organizers of *Science Conclave 2022-23*.
- Rules and Regulations can be change on time which will depend upon circumstances and number of Entries.

