



हरियाणा विद्यालय शिक्षा बोर्ड, भिवानी

Board of School Education Haryana, Bhiwani

(Established Under Haryana Board of School Education Act, 1969)
(ISO 9001 : 2015 - Certified Organization)



Notification No. 2018/EW/A-7


Dated:- 30/01/24

Subject :- Regarding Science Conclave (SEED-2024) 8-9 February 2024.

All concerned are hereby informed that Indra Gandhi University, Meerpur (Rewari) is going to organize a Science Conclave on the theme "Society for Equity, Empowerment and Development (SEED-2024) for students of Class 9th to 12th, Under Graduate (UG) & Post Graduate (PG) Students, Research Schoolers & Faculty from science stream from 8-9 February 2024.

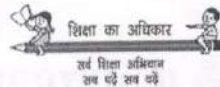
This will include invited talks, experience-sharing by eminent scientists/speakers, experimental demonstration, facility & lab visits, exclusive sessions for discussions with experts, information on various courses, their entrance examination, admission procedures, job opportunities, practical & feedback sessions etc. The conclave advertising and program schedule is attached herewith.

For more details, please visit University website www.igu.ac.in.


Assistant Secretary (Academic)
For Secretary



Hansi Road, Bhiwani-127021
www.bseh.org.in





Indira Gandhi University

Meerpur, Rewari-122502

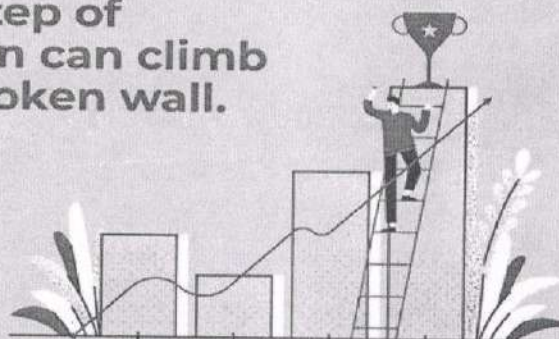
A State University Established Under Haryana Act No. 29 of 2013
Recognized u/s 12-B & 2(f) of UGC Act, 1956

Science Conclave

**Science for Equity, Empowerment and
Development (SEED)-2024**

08-09 February, 2024

**A small step of
innovation can climb
up the broken wall.**



**Organised By
Department of Physics**

**Sponsored By
Haryana State Council for Science Innovation & Technology**

About the University

Indira Gandhi University Meerpur, Rewari was established on September 07, 2013. The University is committed to work vigorously for the all-round personality development of students by making them not just outstanding professionals but also good individuals with ingrained human values. The university campus is situated in village Meerpur at a distance of about 10 Km from district headquarter of Rewari, and is about 300 kms from Chandigarh, the State Capital. It is well connected both by rail as well as road. Spread over about 100 acres of land in lush green area and is well laid with state-of-the-art buildings. Before coming into existence as an independent State University it was working as Indira Gandhi Post Graduate Regional Centre of Maharishi Dayanand University, Rohtak which was established on 3rd October, 1988.

About the HSCSIT Haryana

The Science & Technology 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 Government created new Department of Non-Conventional Energy Sources by bifurcating the Science & Technology Department. Accordingly, priority areas of Department were reframed. The main objective of HSCSIT is to provide linkages between the operational departments of the Government, research and educational institutions and productive sectors in agriculture & industry etc ; ensure applications of Science & Technology to solve real problems encountered in plan implementation; promote location specific research; demonstrate through model experiments & to utilize local capabilities/resources on an integrated basis. Apart from this, HSCSIT is engaged in Science popularization in order to promote scientific thinking among the people of the state.

About the Science Conclave

This science conclave will provide an opportunity for the students, teachers and other academia to interact each other and with the eminent scientists of India. The above activities and live sessions will help the students to understand the importance of basic sciences in modern world and also help them to choose basic science subjects for their future career in education and research. This is the era of convergence, the academia from different streams have to come together to give a better product for the human kind, this conclave will surely boost this spirit. The activities planned for the students of 9th class onwards will also create awareness about the latest trends in science and technology amongst the youngsters who are the future building blocks of our nation and also encourage them for developing new technologies in the coming years.

Eligibility

9th to 12th, Under Graduate (UG) & Post Graduate (PG) students, Research Scholars & Faculty from science stream.

Description of activities:

The schedule will include invited talks, experience-sharing by eminent scientists/speakers, experimental demonstration, facility & lab visits, exclusive sessions for discussions with experts, information on various courses, their entrance examinations, admission procedures, job opportunities, practical & feedback sessions in addition to the following activities:

TRACK-I

Science Exhibition (9th -12th & UG Students)

This science exhibition will be based on models and idea presentation covering the following topics of national importance:

- Waste to Wealth (अपशिष्ट से धन)
- Health is Wealth (स्वास्थ्य ही धन है)
- Lab to Market (प्रयोगशाला से बाज़ार तक)
- Digital Revolution (डिजिटल क्रांति)
- Environment Protection (पर्यावरण संरक्षण)

Science Quiz

The Science quiz will be organised on the topics covering basic science for the school students (9th to 12th class).

Science Essay Writing Competition (For UG & PG students)

- Role of Artificial Intelligence in Modern Life (कृत्रिम बौद्धिक क्षमता का आधुनिक जीवन पर प्रभाव)
- Science and The Home (विज्ञान और घर)
- Digital Empowerment (डिजिटल सशक्तिकरण)
- Glorious Tradition of Knowledge Science in Ancient India
(प्राचीन भारत में ज्ञान विज्ञान की उज्ज्वल परंपरा)

- Impact of Climate Change (जलवायु परिवर्तन का प्रभाव)
- Clean Energy for Green Future (हरित भविष्य के लिए स्वच्छ ऊर्जा)
- Technologies for Sustainable Agriculture & Food Security
(सतत कृषि एवं खाद्य सुरक्षा के लिए प्रौद्योगिकी)
- Role of Basic Science and Research in Modern Life
(आधुनिक जीवन में बुनियादी विज्ञान और अनुसंधान की भूमिका)
- Mathematics: From Ancient to Modern India (प्राचीन से आधुनिक भारत में गणित)
- Climate Change and Disaster Management (जलवायु परिवर्तन और आपदा प्रबंधन)
- Technologies in the Field of Rural Water Supply (ग्रामीण जल आपूर्ति के क्षेत्र में प्रौद्योगिकियाँ)

General Guideline

1. 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
- Students have to present their Scientific Model within 5-7 minutes to the judges.

2. Science Essay Writing

- Science essay must be based on concerned theme only.
- Duration: 1 hour.
- Word limit: 700-1000.
- Pen Colour: Blue or Black

3. Science Quiz

- Participants in a team: 3
- Maximum two teams from a school

NOTE: 1. There will be No registration Fee for participation in TRACK-I activities.

2. Certificates of participation and prizes will be given to the winners.

2. All institutions/UTDs should send the list of participants through e-mail: scienceconclave24@igu.ac.in before 25th January 2024 for smooth conduct of the events.

TRACK-II

Call for Papers (Oral/Poster Presentation)

Authors from Educational Institutions & Industries are invited to submit their full-length original research papers in SEED- 2024, which have not been yet submitted nor published elsewhere.

All accepted and presented papers will be published after peer-review in conference proceedings with a theme: Science for Equity, Empowerment & Development

This particular science conclave mounts up the relevant areas of research in the subjected title and promotes, entertains the reliable sharing of individual and team innovations in different areas and certainly not-limited to the following:

- Battery and fuel cells
- Organic farming
- Affordable medicines
- Conceptual Mathematics
- Vedic Mathematics
- Agricultural Developments
- Applications of Computer Science/AI for sustainable development
- Material Science & Engineering
- Policies on climate change
- Forensic science for better justice delivery
- Applications of electronics
- Artificial Intelligence (AI)
- Innovative Nanotechnology and Biotechnology
- Green Chemistry and clean technology
- Total Quality Management (TQM)
- Space Science, Technology & Applications

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Shri Bandaru Dattatraya
Hon'ble Governor-Chancellor, Haryana
Patron

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Meerpur-Rewari (122502)

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Dean Academic Affairs, IGU Meerpur
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Prof. Vijay Kumar
Department of Physics, Indira Gandhi University
Meerpur-Rewari (122502)

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 Prof. Suman More (National Awardee for Communication in Sc. & Technology by Ministry of Science & Technology, GOI) Department of Environmental Studies, Punjab University Chandigarh
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 Prof. R C Bhardwaj, Vice Chancellor, Maharshi Valmiki University, Kaithal
 Dr. Vinod Kumar Verma, Vice-Chancellor, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar

Important Instructions

1. Author should submit papers in the given Template through e-mail: scienceconclave24@igu.ac.in
2. Paper Template link for submission is: [Science conclave Paper Template](#)
3. Registration Link: [Science conclave Registration link](#)
4. For Fee Submission follow Registration Link
5. For further information please visit university i.e. website www.igu.ac.in

REGISTRATION FEE (TRACK-II)	
Category	INR
Industry	1000/-
Academia	750/-
PG/Research Scholars	500/-
Virtual Presentation	500/-

IMPORTANT DATES

Abstract Submission: January 21, 2024

Abstract Acceptance Notification: January 22, 2024

Full Paper Submission: January 28, 2024

Paper acceptance Notification: January 30, 2024

Registration: January 30-31, 2024

Conference Proceedings will be published after Science Conclave.

Contact us: 8586944204, 9518675495, 9888754193