

Report
of
Celebration of National Science Day- 2022
at
School of Studies in Biotechnology
Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

In order to encourage/ sensitize Master's Students and Research Scholars regarding newly emerged/ emerging and riveting scientific research frontiers, **School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh**, organized **Celebration of National Science Day- 2022**, under the sponsorship of **Chhattisgarh Council of Science & Technology, Raipur, Chhattisgarh**, and flagship of **National Council for Science & Technology Communication, Department of Science & Technology, New Delhi**, during **09 April 2022 to 14 May 2022**. During above celebration, a number of academic activities/ competitions were organized as detailed below;

Date	Activity/ Competition	Evaluators
09.04.2022	Scientific Debate	Prof. Preeti K. Suresh , University of Institute of Pharmacy, and Prof. Aditi Poddar , School of Studies in Life Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.
22.04.2022	Quiz	Dr. Afaque Quraishi , School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.
23.04.2022	Ideathon	Dr. Deependra Singh and Dr. Manju Singh , University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.
30.04.2022	Best Out of Waste	Dr. Nameeta Brahme , at the School of Studies in Physics and Astrophysics, and Dr. Veenu Joshi , Faculty at Centre for Basic Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.
	Painting	

07.05.2022	Extempore	Prof. Mitashree Mitra , School of Studies in Anthropology, and Prof. Arti Parganiha , School of Studies in Life Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.
14.05.2022	Lecture Series	Dr. Rinkoo Gupta , Faculty of Life Sciences & Biotechnology, South Asian University, New Delhi. Dr. RP Bhatt , Life Science Research Board, Defence Research & Development Organization, New Delhi.
	Valedictory Function	Dr. RP Bhatt , Life Science Research Board, Defence Research & Development Organization, New Delhi. Prof. Keshari Lal Verma , Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.

Scientific Debate Competition: 09.04.2022

A **Scientific Debate** competition was organized as part of this celebration with the aim to encourage Master's Students and Research Scholars to participate actively in science related activities, to develop innovative ideas and a deeper knowledge of science. This event was graced by the presence of **Prof. Preeti Suresh** of University of Institute of Pharmacy, and **Prof. Aditi Poddar** of School of Studies in Life Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, as evaluators of the competition. Debate competition was organized on three different pre-declared topics;

- Genetically Modified Products Vs Natural Products
- Cloning: Boon or Curse, and
- Stem Cell Preservation: Really Good or Business Strategy

Masters Students and Research Scholars were actively became part of this event. A total of **15 participants** registered themselves for scientific debate competition. Participants spoke over different topics and were well presented their views either in favour or against the topics well within the allotted time frame of 10 minutes. At last, judges were given gratitude for sparing their precious time, and presence. At the last, judges **Prof. Preeti Suresh**, and **Prof. Aditi Poddar** madam concluded the competition. All the participants were offered refreshments at the end of the event.

Glimpses of the Scientific Debate Competition



Quiz Competition: 22.04.2022

On 22 April 2022, the **Quiz Competition** was held as part and partial of the **Celebration of National Science Day- 2022**, in the Seminar Hall of the **School of Studies in Biotechnology**. **Dr. Afaque Quraishi** of School of Studies in Biotechnology, Pt.

Ravishankar Shukla University, Raipur, Chhattisgarh, was in-charge of this event. A total of **51 participants**, including Master's Students as well as Research Scholars were participated in the quiz competition. There were 50 multiple choice questions pertaining to science and technology. The participants were given 40 minutes of time to respond to the questions asked.

Glimpses of the Quiz Competition



Ideathon: 23.04.2022

An **Ideathon Competition** was held on 23 April 2022 at 03:00 p.m., with the aim to inculcate the spirit of innovation and entrepreneurship amongst Master's Students and Research Scholars through power of ideas which can transform the society. **Dr. Deependra Singh** and **Dr. Manju Singh**, faculties of University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, were the judges of the event. This ideathon competition was conducted over the topics related to science and technology. A total of **10 students** participated in the ideathon, and expressed their ideas within 5 minutes of time. Participants presented their perspectives and ideas on various topics of science and technology following the aid of power point presentation and hands on demonstration.

Glimpses of the Ideathon



Best Out of Waste and Painting Competition: 30.04.2022

On 30 April 2022, Best Out of Waste, and Painting Competition were organized, one by one. The painting competition commenced at 02:00 p.m., in which a total of **19 students** participated and prepared their paintings based on the scientific themes only and within the time frame of 2 hours. Themes provided for paintings were;

1. Science for people and people for science
2. Women in science
3. Integrated approach in science and technology for a sustainable future
4. Contribution of science in healthcare and the environment
5. Make in India: science and technology driven innovations

For the Best Out of Waste competition, a total of **13 students** were enrolled, and presented their models in front of the judges. Both the events were evaluated by **Prof. Nameeta Brahme** of School of Studies in Physics and Astrophysics, and **Dr. Veenu Joshi** of Centre

for Basic Sciences of Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. At the end, refreshments were offered to everyone.

Glimpses of the Painting Competition





Glimpses of the Best Out of Waste Competition





Extempore Competition: 07.05.2022

As a part of the **Celebration of National Science Day- 2022**, an **Extempore Competition** was organized on 07 May 2022, at 03:00 p.m. to 04:00 p.m. in the Seminar Hall of the School. The objective of organizing this competition was to make the students confident in the expression of their views, and become better orators so that they can be able to express their views fearlessly and confidently on any of the topic. Extempore is an excellent way to assist the students not only in spontaneous thinking but also in asserting their creative ideas with precision. The judges for the competition were **Prof. Mitashree Mitra** of School of Studies in Anthropology, and **Prof. Arti Parganiha** of School of Studies in Life Sciences of Pt. Ravishankar Shukla University Raipur, Chhattisgarh. The topics for **Extempore Competition** were quite different for every individuals, for example **Big Bang Theory, E-waste, Advantages and Disadvantages of Social Media, CRISPR Technology, Godhan Nyay Yojana, Climate Change, Pros and Cons of Online Education, Bio-weapons, 5G Technology, COVID-19 Vaccine, Data Mining and its Applications, Artificial intelligence, etc.** A total of **13 participants** were took part in this event. The competition concluded successfully with great words of encouragement and appreciation from both the respected judges. At last, refreshments were provided to everyone and the program successfully came to an end.

Glimpses of the Extempore Competition



Lecture Series: 14.05.2022

On the first half of 14 May 2022, two different lectures were organized in the Seminar Hall of this School, as detailed below;

First lecture on “**Protein Engineering to Fight the Foe**” was delivered by **Dr. Rinkoo Gupta** of Faculty of Life Sciences & Biotechnology, South Asian University, New Delhi. In her lecture, she discussed about the role of protein engineering in medical field. She shed light over various humanized antibodies made in her lab for therapeutic purposes. The lecture was very informative and interactive too.

Second lecture on “**Climate Change: Nature’s Warning**” was delivered by **Dr. RP Bhatt** of Life Science Research Board, Defence Research & Development Organization, New Delhi. Dr. Bhatt Sir discussed in detail about the negative impacts of climate change over the mother Earth, and the possible measures to be taken to prevent that.

Glimpses of the Lecture Series



Valedictory Function *cum* Prize Distribution Ceremony: 14.05.2022

In the past couple of weeks various academic activities/ competitions like **Scientific Debate, Quiz, Ideathon, Best Out of Waste, Painting, and Extempore** were organized. The active participation of both the Master's Students and Research Scholars in above events affirmed the relevance and meaningfulness of this celebration.

The Valedictory Function *cum* Prize Distribution Ceremony began at 01.00 p.m. in the Seminar Hall of this School, in which **Dr. RP Bhatt**, Life Science Research Board, Defence Research & Development Organization, New Delhi, was present as Special Guest, along with **Prof. Keshari Lal Verma**, Honourable Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, who presided over this function. **Prof. Keshav Kant Sahu**, head of the department, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, presented a brief report of the all the events emphasizing various important points of different academic activities/ competitions. Then, both the eminent guests addressed the audience, appreciated the efforts done by the School, and both the Master's Students and Research Scholars for their active participation and innovative mind-set. Thereafter, the winners of all those competitions held during the **Celebration of National Science Day-2022** were honoured by conferring prizes and certificates, by the eminent guests.

List of Winners: Competition Wise

Competition	Rank	Name of the Student
Scientific Debate (09.04.2022)	First	Nisha Gupta (Research Scholar)
	Second	Kushal Banerjee (M.Sc. IV Sem.)
	Third	Pallavi Yadav (M.Sc. II Sem.)

Quiz (22.04.2022)	First	Anita Bhoi (Research Scholar) Shubhi Chhabra (M.Sc. IV)
	Second	Prachi Vaswani (M.Sc. IV)
	Third	Vedika Jain (M.Sc. IV Sem.) Diksha Dubey (M.Sc. II Sem.)
Ideathon (23.04.2022)	First	Anand Beseekar (M.Sc. IV Sem.)
	Second	Sonam Patel (M.Sc. II Sem.)
	Third	Diksha Dubey (M.Sc. II Sem.)
Best Out of Waste (30.04.2022)	First	Dristi Verma (Research Scholar)
	Second	Roza Ali (M.Sc. IV Sem.)
	Third	Deepali (Research Scholar)
Painting (30.04.2022)	First	Sonam Patel (M.Sc. II Sem.)
	Second	Prachi Vaswani (M.Sc. IV Sem.)
	Third	Shraddha Joshi (M.Sc. IV Sem.)
Extempore (07.05.2022)	First	Nisha Gupta (Research Scholar)
	Second	Shubhi Chhabra (M.Sc. IV Sem.)
	Third	Kushal Banerjee (M.Sc. IV Sem.)

At last, vote of thanks was delivered by **Prof. SK Jadhav**, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. Thereafter, lunch for entire gathering was arranged in the University Guest House. With this, the last day of **Celebration of National Science Day- 2022** came to an end.

Glimpses of Valedictory Function *cum* Prize Distribution Ceremony





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