



पंडित रविशंकर शुक्ल विश्वविद्यालय, रायपुर छत्तीसगढ़ भारत
Pt. Ravishankar Shukla University, Raipur Chhattisgarh, India
Estd-1964 – recognized by UGC U/s 2(f) and 12 (B)
NAAC “A” Grade

CRITERION-V

EVIDENCE(S), AS PER SOP

METRIC No. 5.3.3	Total number of sports and cultural events/competitions organized by the institution during the year
<ul style="list-style-type: none">• Report of the events/along with photographs appropriately dated and captioned.• Copy of circular/brochure indicating such activities.• List of students participated in different events.	

“Vigyan Sarvatra Pujyate: Festival of SCoPE for All”

22-28 February 2022

Event organizer: Pt. Ravishankar Shukla University, Raipur, Chhattisgarh

Venue: Pt. Deen Dayal Upadhyaya Auditorium, Raipur, Chhattisgarh

Coordinator: Prof Keshav Kant Sahu, Head of the Department, School of Studies in Biotechnology, Pt. RSU, Raipur

On the occasion of **75th Year of India's Independence**, "**Azadi Ka Amrit Mahotsav**", a week-long celebration was witnessed at 75 locations across the India, in addition to a mega science festival in New Delhi. A week long Science Fest was held at Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, one of the 75 locations across the country.

Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, organised the event "**Vigyan Sarvatra Pujyate: Festival of SCoPE for All**", as part of this event, which began on February 22, 2022, and ended on February 28, 2022. The event was held at Pt. Deen Dayal Upadhyaya Auditorium, Raipur, Chhattisgarh. Throughout the week-long science festival, various programmes were organized to perceive interactions at various levels, including posters, exhibitions, lectures, hands-on experiments, and science lit activities such as visit to science expo, competitions, science live demonstrations, science films, and rallies. The events were divided into two sessions each day and included lectures from eminent scientists as well as science-based competitions. Through extremely interactive and informative sessions, the goal of the week-long science festival was to provide participants with much-needed insight into the advancement of science and its opportunities for the development of society and nation. The event drew a total of 1100 students from various schools, 2800 students from higher education, and including around 600 general public who attended the various sessions held during the one-week science fest.

Inaugural Session: 22 February 2022

A week long science festival event began with the live streaming (03:40 p.m. to 04:40 p.m.) of the grand Inaugural Ceremony of "**Vigyan Sarvatra Pujyate: Festival of SCoPE for All**" held at Vigyan Bhawan, New Delhi, commemorating the 75th year of India's Independence, with the theme: **Integrated Approach for Sustainable Development**. The session moved closer to the Inaugural Function at 5:00 p.m., with the arrival of the invited guests and their

visit to the science expo at Pt. Deen Dayal Upadhyaya Auditorium, Raipur, Chhattisgarh. Through 150 posters, the science lit activity- science expo showcased the discoveries and contributions of eminent scientists to the field of science and technology. The program began with the National Anthem and Kulgeet of Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, and was followed by Lamp Lightning and Felicitation of Guests. Dr M.K. Deb, Professor, School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, discussed about the accomplishments of the University in the research and extension of science. He shed light on the memorable dates of the foundation day, the opening of the teaching departments, and also informed about Pt. Sundarlal Sharma Library, which has one of the 16 Workstations in the country to have Workstation Census of India. He also highlighted the best practices and contributions of Pt. Ravishankar Shukla University, Raipur, Chhattisgarh.

The program further succeeded with an address by program coordinator Prof. Keshav Kant Sahu, Head of the Department, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. He gave a brief description about the events to be held in this week long science festival. President of this function Prof. Keshari Lal Verma, Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, presided over the function. Then, address was delivered by the Guest of Honor, Dr. Rajendra Singh Sangwan, Director, Academy of Scientific & Innovative Research, CSIR-HRDC, Ghaziabad, Uttar Pradesh. He highlighted about the previous scientific contributions by Dr. C.V. Raman, Sir G. Mendel, Sir Darwin and several others. Following that, the event was addressed by the Chief Guest of the function, Ms. Anusuiya Uikey Madam, Hon'ble Governor of the Chhattisgarh State. Madam Governor congratulated the organizing committee of the Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, for this mega event and also praised for the University's ongoing research and development activities.

The Chief Guest, Ms. Anusuiya Uikey Madam, and the Guest of Honor, Dr. Rajendra Singh Sangwan Sir were then presented with memento by Prof. Keshari Lal Verma, Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. The vote of thanks was then given by Prof. G.K. Pandey, Registrar, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. More than 1,000 people attended the inaugural event, which included students from various schools, higher education departments, and civil population.

Glimpses of the Inaugural Function



**Chief Guest Ms. Anusuiya Uikey, Hon'ble Governor of the Chhattisgarh State
Inaugurating the Poster Exhibition Section**



**Guests are visiting science expo which featured more than 150 posters related to Science
and Technology**



On the Dias for the National Anthem: Respected Dignitaries



Ms. Anusuiya Uikey, Hon'ble Chief Guest, Delivering Her Address



Remarks by Dr. Rajender Singh Sangwan, the Guest of Honour



Address by Prof. Keshav Kant Sahu, Program Coordinator

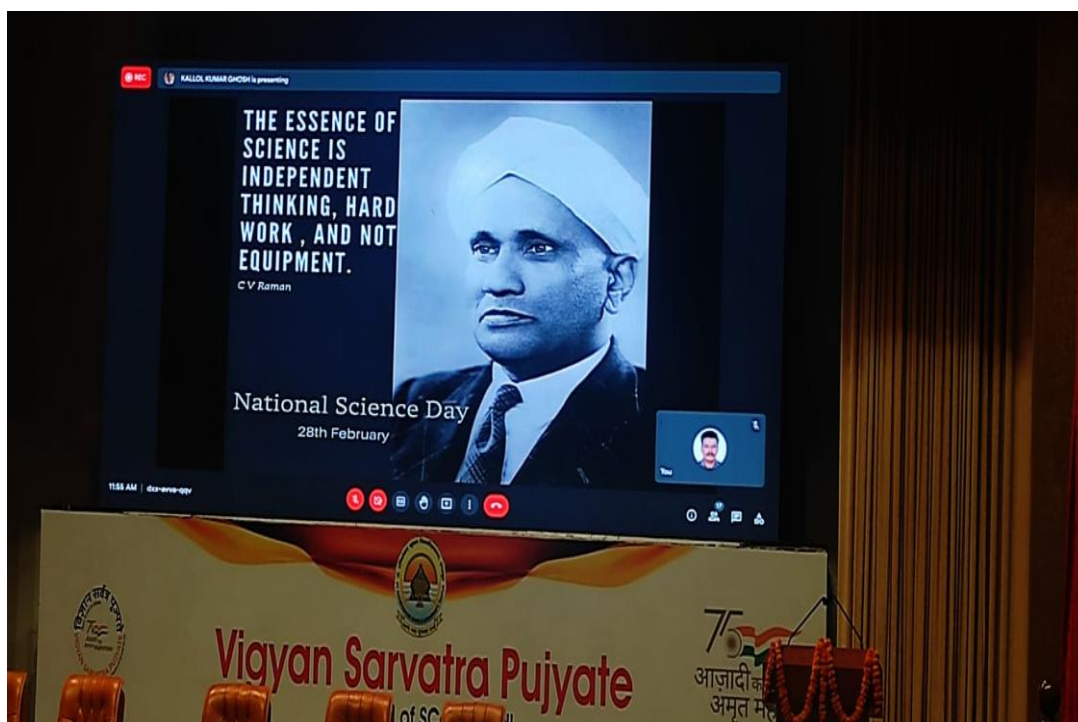


Hon'ble Chief Guest Ms. Anusuiya Uikey Presenting a Memento to the Guest of Honour

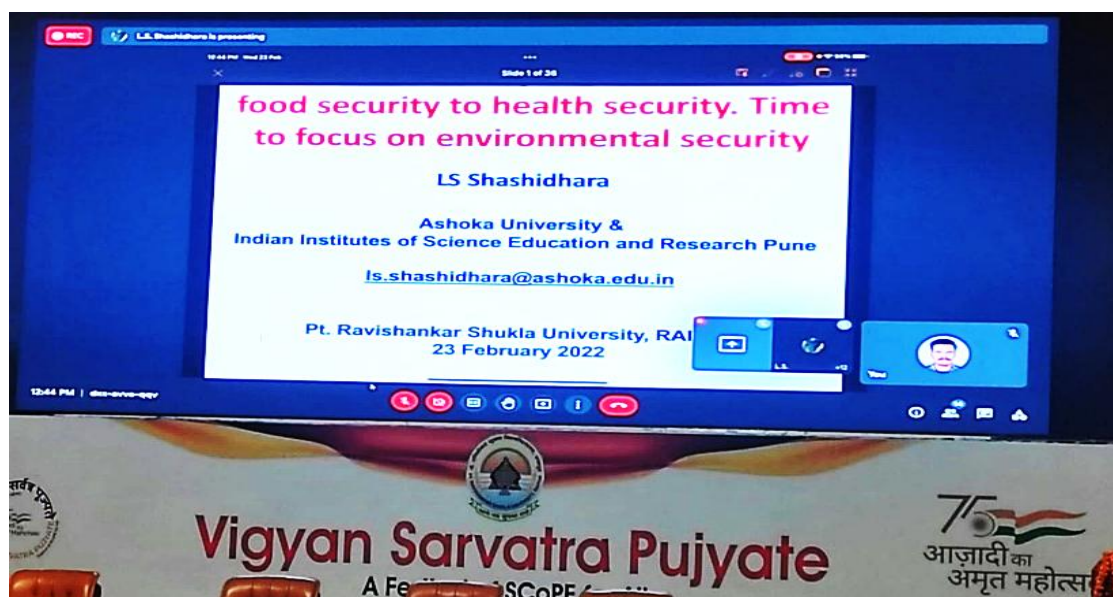
Day 1: 23 February 2022

The science week festival began on the first day at Pt. Deendayal Upadhyaya Auditorium, Raipur, Chhattisgarh. The event was held in two sessions, which included two lectures and two competitions. Prof K.K. Ghosh, Director, Centre for Basic Science, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, gave a lecture on "Integration of Science and Technology for Sustainable Development", during the first session (11:30 a.m. to 12:30 p.m.). Prof. Ghosh began his lecture by involving the audience with a quote such as "Breaking Boundaries, Finding Frontiers", "Tomorrow's Science Begins Today", etc. Sir C.V. Raman, Sir, J.C. Bose, Albert Einstein, Marie Curie, and other scientist's discoveries were highlighted by him. He emphasised the importance of students sharing and interacting with their respective mentors ideologies. He also advised the youth to stay focused on the resources they have and utilise them to their fullest.

On the same day (12:30 p.m. to 01:30 p.m.) another lecture was delivered by Prof. L.S. Sashidhara, Dean, Ashoka University, Sonipat, Haryana, on "Science & Technology since Independence: From Food Security to Health Security; Time to Focus on Environmental Security". Prof. Sashidhara has highlighted various scientific and technological advancements from 1947 to 2022. He has emphasised the importance of India's prestigious national institutes, such as the IITs, IISc, and IARI, etc., in the modern economy.



Prof. K.K. Ghosh's lecture on "Science and Technology Integration for Sustainable Development"



Prof. L.S. Sashidhara lecture on "Science & Technology since Independence: From Food Security to Health Security; Time to Focus on Environmental Security"

Elocution and extempore competitions were held in the second session. On the topic "Role of Science in Socio-Economic Development in India," an elocution competition was held. Each participant had three minutes time to give a speech on the assigned topic. A total of 17 students from various schools, colleges, and institutes were competed in the

competition. Participants brilliantly and confidently communicated their thoughts, insights, and different perspectives. The competition was judged by Dr. Priti Singh, Assistant Professor, Institute of Teachers Education, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Dr. Swati Shrivastava, Assistant Professor, Pragati College, Raipur, Chhattisgarh and, Dr. D.P. Bisen, Head of the Department, School of Studies in Physics and Astrophysics, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. The succeeding competition was an extempore, in which a total of 20 participants shared their perspectives on topics such as "advanced transportation," "the role of science and technology in food processing," "solar energy," "ethanol for energy," "cloud computing technology," and so on. The judges for the extempore included Prof. Ninad Bodhankar, School of Studies in Geology and WRM, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof. N.K. Baghmar, Ex-Professor of School of Studies in Geography, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh and, Dr. Govind Sahu, Assistant Professor, Centre for Basic Sciences, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. Dr. A.K. Singh, Assistant Professor, Institute of Teachers Education, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, was the coordinator of this competition. A vote of thanks was given by Dr. Amber Vyas, Assistant Professor, Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. The first day of the science festival came to an end with this. In total, 150 students from various schools, 300 students from the higher education department, and 50 general public attended the event.



Elocution competition on the topic “Role of Science for Socio-Economic Development in India”



Participant in an Extempore competition

Day 2: 24 February 2022

The second day of the science festival began with a wonderful lecture (11:30 a.m. to 12:30 p.m.) on "New World New Prospects Space Science Exploration" by Dr. Shyama Narendranath, Scientist SF, UR Rao Satellite Centre, ISITE Campus, Indian Space Research Organization, Bangalore, Karnataka. Dr. Shyama gave an excellent lecture on space science. She has talked about Laplace theory, the rationale origin of the earth, the passing star hypothesis, the formation of the solar system, and its application in planetary science. She spoke about the difficulties that come with space instrumentation. The space instrumentation must be able to withstand extreme temperatures, vacuum, vibration, and should be error-free. Also, mentioned about some of the Indian space astronomy missions such as SROSS Series, IRS-P3, SOXS, RT-2 on photon-coronas mission, and ASTROSTAT. She had captivated the audience's interest by presenting attractive pictures of celestial bodies like asteroids, comets, planets, etc. She recommended the youth to develop analytical as well as experimental skills to be able to explore the science behind space.

On the same day, another lecture (12:30 p.m. to 01:30 p.m.) was delivered by Prof. R.C. Dubey, Head of the Department, Department of Biotechnology, Gurukul Kangri University, Haridwar, Uttarakhand, on "Making the Future of India through Science". Prof. Dubey has brought up a number of interesting facts about science in our daily lives. He shed

light on Sanskrit and Vedic microbiology and its relationship to human lives since ancient times. Prof. Dubey also discussed the science behind the importance of the "Gangajal", which has several health benefits. He has emphasised the importance of integrating India's knowledge system, as well as its various cultures and traditions, for the benefit of humanity. He encouraged young people to focus on the practical rather than the theoretical aspects of their studies. He termed the "Vedic Rishis" as the traditional scientists of India. Prof. Dubey also discussed how the country can progress through science.

Shyama Narendranath is presenting

The rise of planetary program in India

- Study of extra terrestrial samples – TIFR, IIT_Kanpur, PRL (1960s – 1980s)
 - Cosmic ray tracks in meteorites
 - Solar ion tracks in lunar samples and meteorites
 - Trapped gases
 - >100 publications
- Planetary astronomy - IIAP
 - Discovery of ring systems of Uranus (Bhattacharya & Bappu, 1977)
 - Observations of comets and asteroids (6 new asteroids discovered)

Prof Narendra Bhandari receiving Luna-24 samples in 1977

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Lecture by Dr. Shyama Narendranath on "Space Research and Exploration"

presenting

PowerPoint Slide Show - [Students_Motivational Lecture - Rajpur] - PowerPoint

Integration of Indian Knowledge System (teaching in Indian Language, culture)

- Institutions must make strategy regarding the integration of the Indian Knowledge System (teaching in Indian Language, culture etc.,) into the curriculum using both offline and online courses.
- The faculties must be trained to provide the classroom delivery in bilingual mode (English and vernacular).
- The institutions must preserve and promote the following:
 - Indian languages (Sanskrit, Pali, Prakrit and classical, tribal and endangered etc.)
 - Indian ancient traditional knowledge
 - Indian Arts
 - Indian Culture and traditions

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Turn on microphone (ctrl + d)

Lecture by Prof. R.C. Dubey on "Making the Future of India through Science"

Prof. Sanjay Tiwari, Head of the Department, School of Studies in Renewable Energy and Technology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, and his group continued the event in the second session at 02:30 p.m. with hands on training cum workshop on making Solar Lamp. "Sustainable Development Goals" was the topic of his discussion. Prof. Tiwari gave a brief overview of the solar energy's discovery and his goal of making the world carbon-free by 2050. His speech was followed by round 1 of the quiz competition, which consisted of 15 questions, each lasting 30 seconds. The event drew a total of 64 participants from various schools, colleges, and institutes. A video presentation demonstrated hands-on training on how to make a solar lamp. Then, a second round of the quiz competition was held with 67 participants. Three top winners of both the Quizzes rounds were honoured by Prof. Keshari Lal Verma, Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof. Keshav Kant Sahu, Head of the Department, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh and Coordinator of this program, and Prof. Sanjay Tiwari, Head of the Department, School of Studies in Renewable Energy and Technology. Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. Following that, students practised making of the solar lamps. Total participation on second day of the fest included 100 students from various schools, 450 students from higher education department and 50 general public audience.



Dr. Sanjay Tiwari demonstrating the working of Solar lamp

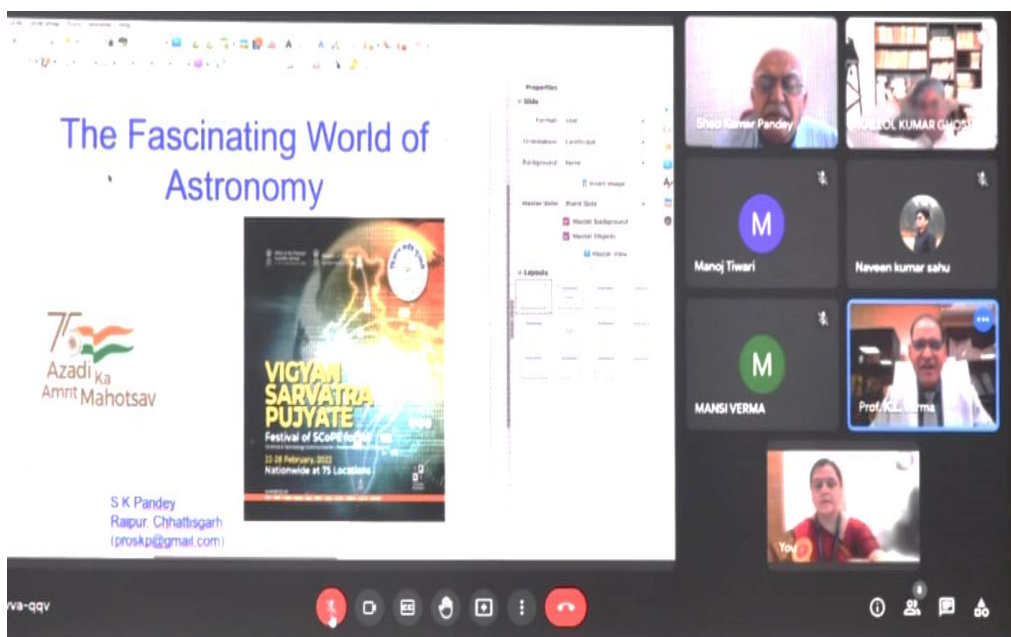


Hands on Training *cum* Workshop on Solar Lamp Making

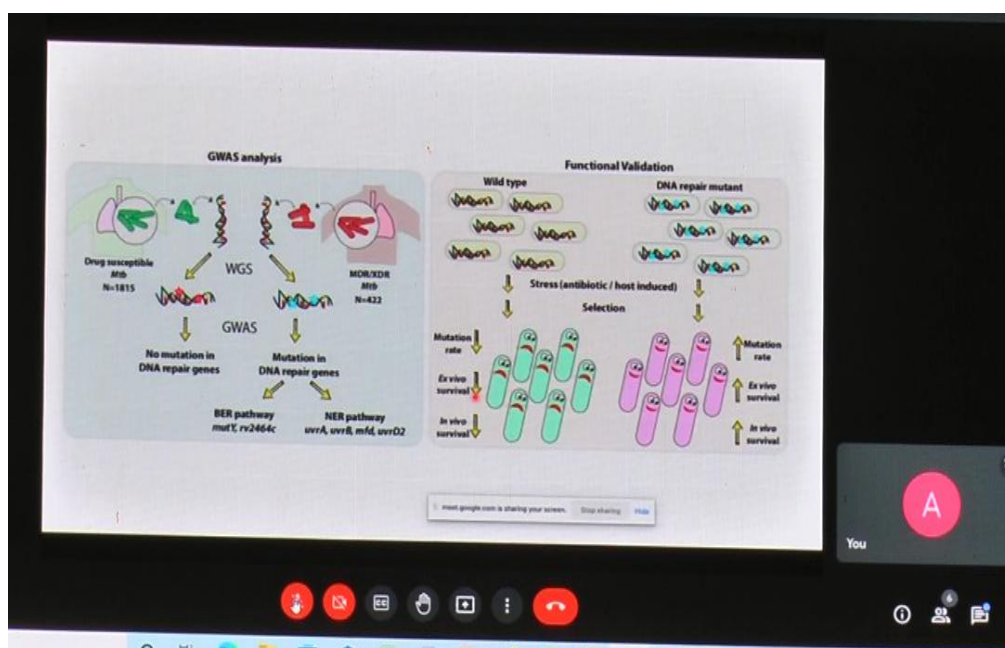
Day 3: 25 February 2022

The first session of the third day of the science festival started at 11:30 a.m. with a wonderful lecture entitled “The Fascinating World of Astronomy”, by Prof. S.K. Pandey, Ex Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. Prof. Pandey explained how Galileo pointed his self-made telescope at the sky for the first time. He discussed about the development of modern astronomy in India in between 1947 to 2022,. "Astronomy is the of all sciences," he said.

Second lecture on "Viral Infection and Drug Resistance" from 12:30 p.m. to 01:30 p.m. was given by Dr. VK Nandicoori, Director, Centre for Cellular and Molecular Biology, Hyderabad, Andhra Pradesh, on the same day. Dr. Nandicoori discussed about structural and molecular aspects Corona virus (COVID-19). He talked about COVID-19's life cycle, disease progression, and aspects of potential treatments. He also explained how bacterial drug resistance causes drugs to be ineffective against tuberculosis.



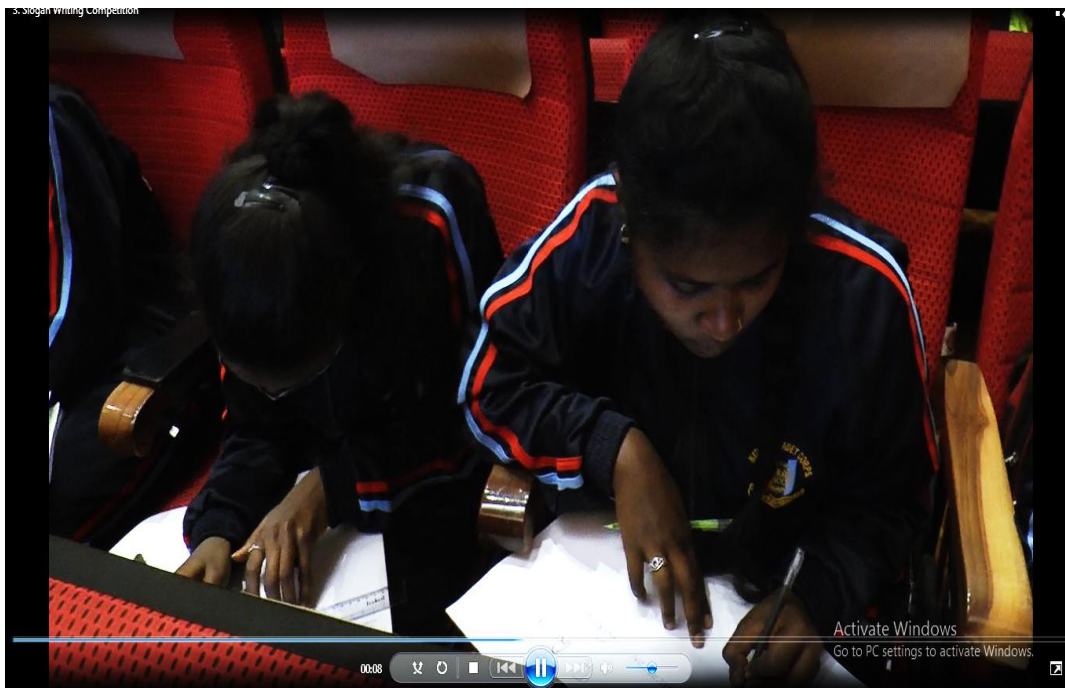
Lecture by S.K. Pandey on “The Fascinating World of Astronomy”



Lecture by Dr. VK Nandicoori on “Viral Infection and Drug Resistance”

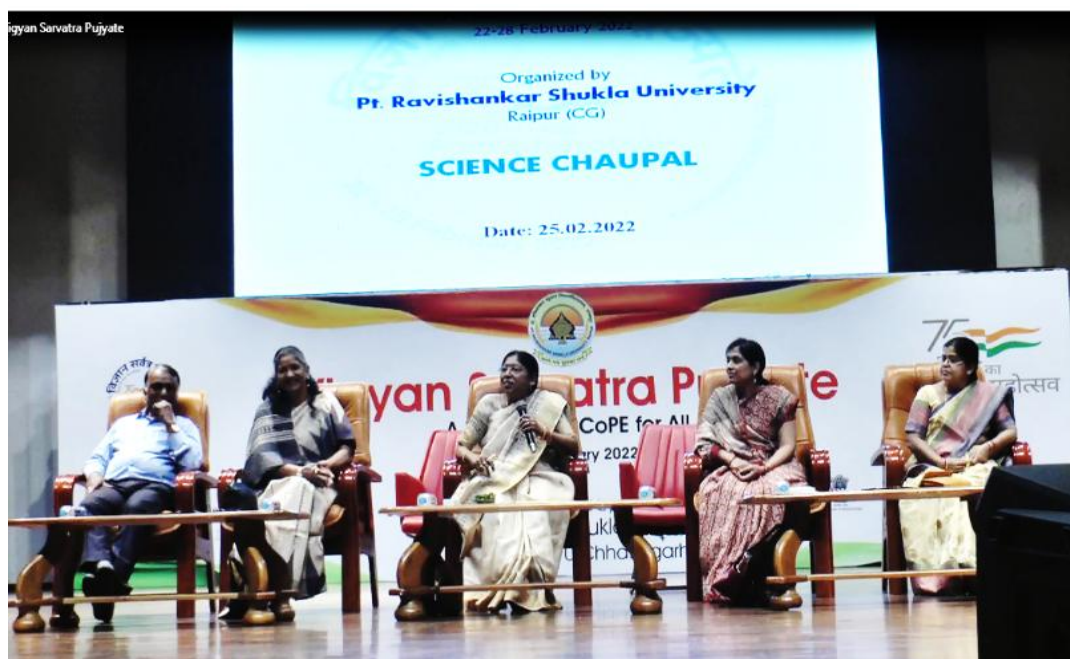
In addition, two different competitions were scheduled in between 2:30 p.m. to 4:30 p.m. of the same day. The first competition was a contest on Science Slogans Writing. This competition drew a total of 140 participants from various schools, colleges, and institutes. Prof. Preeti K. Suresh, former Head of the Department, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof. Sanjay Kumar, Head of the Department, School of Studies in Computer Science, Pt. Ravishankar Shukla University,

Raipur, Chhattisgarh and, Prof. Kavita Thakur, Head of the Department, School of Studies in Electronics, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, served as the judges for this competition.



Participants of Slogan Writing competition

The next programme was "Choupal on Vigyan Sarvatra Pujyate." Prof. Mitashree Mitra, former head of the Department, School of Studies in Anthropology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof. Swarnalata Saraf, Head of the Department, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof. D.P. Kuity, Former Head of the Department, School of Studies in Geology and WRM, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof. Namita Brahme, Professor, School of Studies in Physics and Astrophysics, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, were the expert members of this event. The participants posed queries related to the science and technologies, including the significance of bioweapons, how to get into research and development organisations like ISRO and DRDO, entrepreneurship skills, IPM, etc. Experts were advised the youth to cultivate a scientific temperament in order to pursue research. On the third day of the festival, 150 students from various schools, 400 students from the higher education department, and 100 general public participated.



“Choupal Charcha on Vigyan Sarvatra Pujyate with the Experts”

Day 4: 26 February 2022

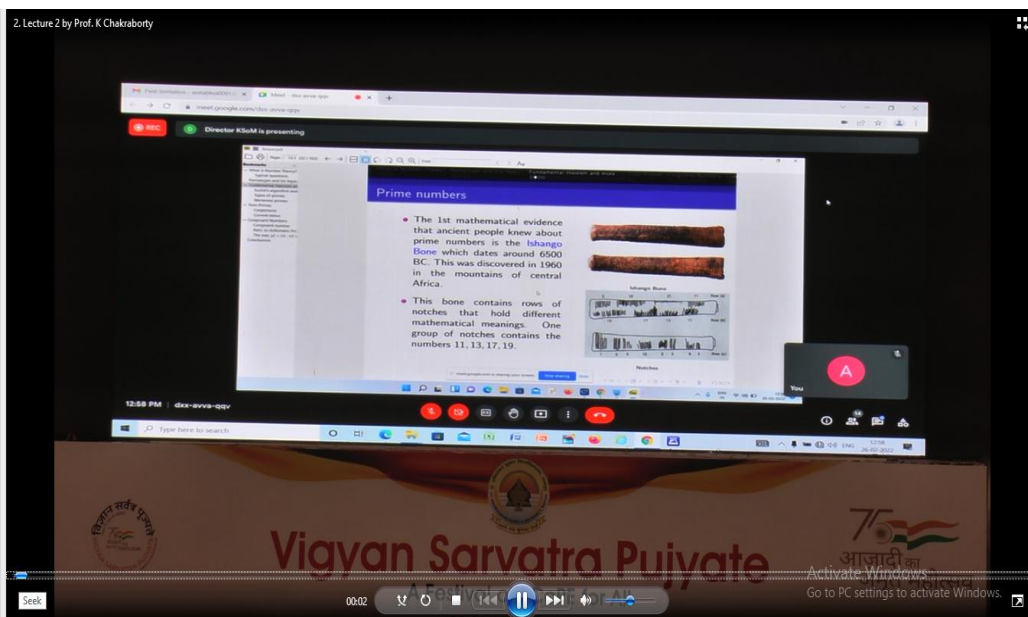
Fourth day of the science festival was started at Pt. Deendayal Upadhyay Auditorium, Raipur, Chhattisgarh, with a wonderful lecture (11:30 a.m. to 12:30 p.m.) on “Time to Dance” by Dr. AK Pati, Executive Member, Odisha State Higher Education Council, Bhubaneswar, Odisha. Dr. Pati revealed the molecular mechanisms behind the circadian rhythm of reptiles like snakes. He shed lights on the difference in the levels of various hormones like growth hormones, oxytocin, serotonin, glucocorticoids, etc., in human being during different time slots in a day. In a nut shell, he discussed the thermodynamical, psychological, cosmological and chronobiological arrow of time. Circadian rhythm that plays an essential role in everyone’s life, was discussed in his lecture.

From 12:35 p.m. onwards, another lecture was held by Prof. K Chakraborty, Director, Kerala School of Mathematics, Kozhikode, Kerala, on “Numbers and Beyond”. Prof. Chakraborty introduced the legacy of Ramanujan and his dedication for mathematics, among the youth. The interesting facts regarding prime numbers, their types and also their illustrations in daily life were shared by him. Various facts like Bertrand’s theorem, Sophie Germain (SG) prime, Mersenne primers, Goldbach Conjecture, Archytas of Tarentum was discussed in his lecture. The prime numbers are a matter of interest even during ancient

times. The primes are the basic building blocks of number universe from which all the other natural numbers have been originated.



Lecture by Dr. A.K. Pati on “Time to Dance”



Lecture by Prof. K Chakraborty on “Numbers and Beyond”

In the next session, hands on training cum demonstration of "Magical reactions of chemistry" was performed by Dr. ML Satnami, Dr Indrapal Karbhal and their team members from School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. They were given live demonstrations of various chemical experiments/reactions to show ‘Colours of Chemistry’. Prof. Kesari Lal Verma, Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, also joined the session. Dr. Satnami, his research scholars and post-graduate students showed various colourful reactions including lava experiment, fireworks, water changing into diverse colours, transparent ink making, tyndall effect, etc. The colourful demonstration of the chemical reactions was found to be fascinating and caught the school student’s attention, more especially. Dr. Satnami and his team also discussed the underlying mechanisms/ precise chemical reactions involved behind all those magical reactions in a very simplified way. Total participation on fourth day of the fest included 150 students from various schools, 300 students from higher education department and 100 general public audience.



Demonstration of magical reactions of chemistry



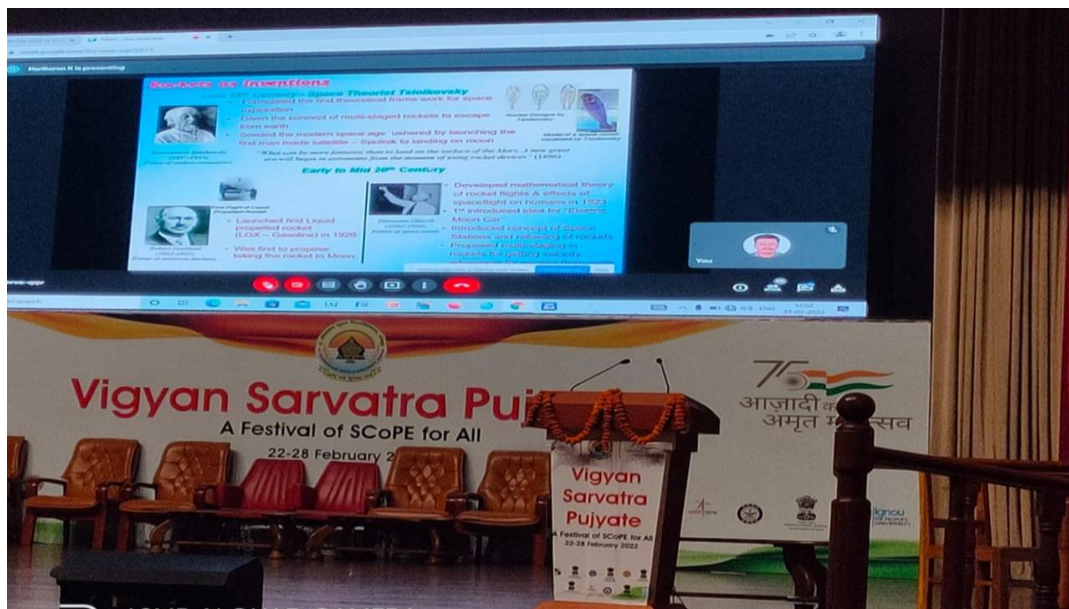
Demonstration of magical reactions of chemistry

Day 5: 27 February 2022

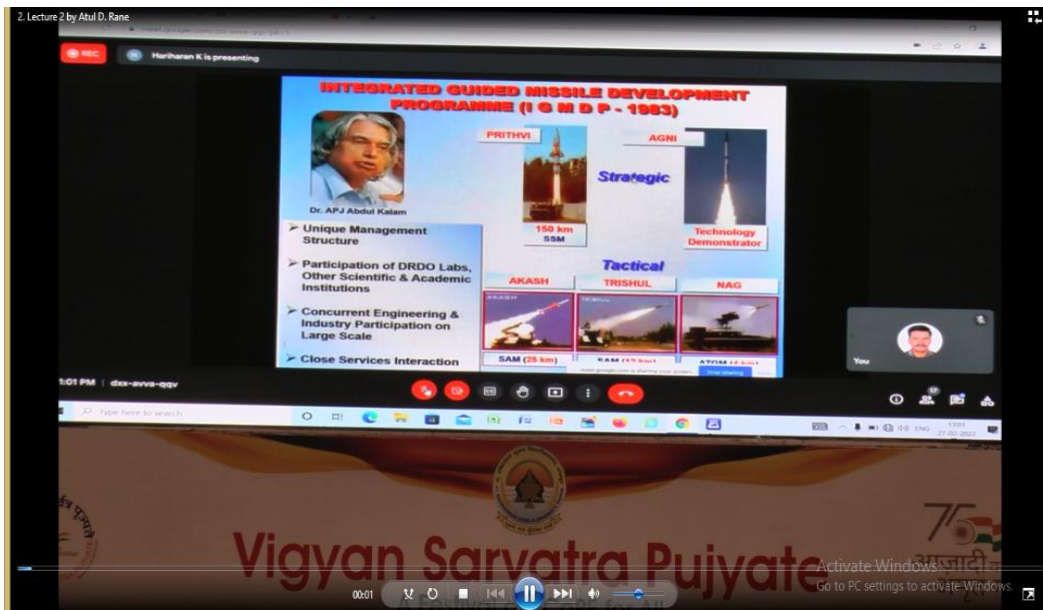
On fifth day of the science festival a wonderful lecture on “Quality Science Education in India in 21st Century” was delivered by Prof. AK Bakshi, Vice-Chancellor, PDM University, Bahadurgarh, Delhi NCR, between 11.30 a.m. to 12.30p.m. Prof. Bakshi has put forward his conceptualization and experience in front of the youth. Prof. Bakshi has discussed the skills to be required in youth in the 21st century for quality education. He urged the young students

to develop various skills like critical thinking, literacy skills, life skills, collaboration, technological skills, leadership quality, problem solving, etc., to grab top opportunities and for acquiring competence to face challenges to be incur in future ahead.

Afterwards, second lecture was delivered by Dr. AD Rane, Director General (Brahmos), and CEO and MD, Brahmos, Defence Research and Development Organization, New Delhi, on “Missile Technology and Exploration” between 12:30 p.m. to 01:30 p.m. He shed light on Astra mission, Cruise missiles in Iraq war, Akash weapon system, Brahmos for navy, and the various COVID-19 adaptations given by defence laboratories. The potent solution of controlling COVID-19 infection through 2-Deoxy-D-Glucose was also discussed by Dr. Rane.



Lecture by Prof. AK Bakshi on “Quality Science Education in India in 21st Century”



Lecture by Dr. AD Rane on “Missile Technology and Exploration”

In the second half of this day, Ideathon, and Science based Rangoli making competitions were organized, separately. In the Ideathon event, a total of 12 participants took part. In this brainstorming event, each of the participants were given four minutes time to present their innovative ideas *via* Power Point Presentation. The participant’s ideas were evaluated by the panel of judges; Prof. Arun Kumar, former Head of the Department, School of Studies in Anthropology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof. SK Jadhav, former Head, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh and, Prof. Ninad Bodhankar, Head of the Department, School of Studies in Geology and WRM, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. All the participants gave brilliant ideas regarding current situations. Afterwards, Science based Rangoli making competition was held to motivate students towards science. This competition was held with the motive to develop the scientific temper while also developing aesthetic and creative skills. The competition drew a total of 24 participants from various schools, colleges, and institutes.



Participant presenting innovative idea in an Ideathon competition



Participants in the Rangoli Competition



Beautiful rangoli depicting Space research and Technology



Dignitaries praising the efforts of rangoli participants

Students were created beautiful rangoli using a variety of colours and depicted astronauts, rockets, mathematical equations, lab experiments, etc. The competition was judged by Dr. LS Gajpal, Associate Professor, School of Studies in Sociology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof. Anusaiya Baghel, Head & Dean, School of Studies in Geography, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh and, Dr. Suparna Sengupta, Librarian, School of Studies in Library and Information Science, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. Total participation on day 5 of the science fest included 150 students from various schools, 350 students from higher education department and 50 general public audiences.

Valedictory Function: 28 February 2022

At 2:30 p.m. of the last day of a week long science festival, a rally was started namely “Science for All” in which all the students and faculties from various schools, colleges and institutes were participated. On this day, a rally of the students was organized to create awareness about science among common people, and also to spread the beneficial impacts of it. In this rally, more than 600 students took part with enthusiasm. Prof. Keshari Lal Verma, Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh and, Prof KK Ghosh, Director, Centre for Basic Science, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, showed Green Flag to the rally. The students depicted various slogans on science in the form of posters.



Science Rally: Science for All

The valedictory function commenced with the joining of the Chief Guest Shri Aijaz Dhebar, Mayor, Raipur, Chhattisgarh, President Prof Keshari Lal Verma, Vice-Chancellor, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Prof GK Pandey, Registrar, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, Shri NB Rao, President, Health Department of Nagar Nigam, Raipur, Chhattisgarh and, Prof. Keshav Kant Sahu, State Coordinator of the event. Event succeeded with the prize distribution ceremony. The winners of all the competitions held during the science festival were honoured by Shri Aijaz Dhebar and Prof. Keshari Lal Verma. Total participation on valedictory event included 150 students from various schools, 400 students from higher education department and 100 general public audience. In this function, valedictory address was given by Shri Aijaz Dhebar. The vote of thanks was given by Prof. GK Pandey. At the conclusion of the ceremony, the National Anthem was performed.

Glimpses of the Valedictory Function



Ceremony of the Lamp lighting



Respected Dignitaries on the Dias



Valedictory Address by the Chief Guest Mayor Aijaz Dhebar



Prize Distribution Ceremony



Celebrating Successful Completion of the Science Festival

**(Prof Keshav Kant Sahu)
Coordinator
Pt. Ravishankar Shukla University
Raipur 492 010, Chhattisgarh**

Report

Sports and Extracurricular Activities and Alumni Meet

Alumni Association of Biotechnology

School of Studies in Biotechnology

Pt. Ravishankar Shukla University, Raipur, Chhattisgarh 492010 India

The Alumni Association of Biotechnology hosted **four days sports competitions and extracurricular activities** during 17th to 20th May, 2022 and Alumni Meet on 21 May 2022 with great enthusiasm. Alumni members, research scholars, and master's students were invited to take part in this event. All the master's students and research scholars actively participated in every event. All the outdoor games were organized in the playground of School of Studies Biotechnology and Physical Education. Schedule of the events were as follows:

Schedule

Date	Event	Time
17/05/2022	Badminton (Doubles)	3:00-5:00 pm
	Carrrom (Doubles)	
	Spoon Race	
	3 Leg Race	
18/05/2022	Badminton (Doubles)	3:00-5:00 pm
	Carrrom (Doubles)	
	Needle Thread Race	
	Back Race	
19/05/2022	Badminton (Doubles)	3:00-5:00 pm
	Carrrom (Doubles)	
	Long Jump	
	Race 100 m	
20/05/2022	Relay Race	12:30-2:30 pm
	Rangoli (Group)	
20/05/2022	Fireless Cooking	
21/05/2022	Alumni Meet Valedictory and Prize Distribution Ceremony	11:00 am onwards

Glimpses of various events organized by Alumni Association of Biotechnology

Badminton (Doubles) (Girls/Boys) (Total participants: 32)



Carrom (Doubles) (Girls/Boys) (Total participants: 46)





Spoon Race (Total participants: 46)

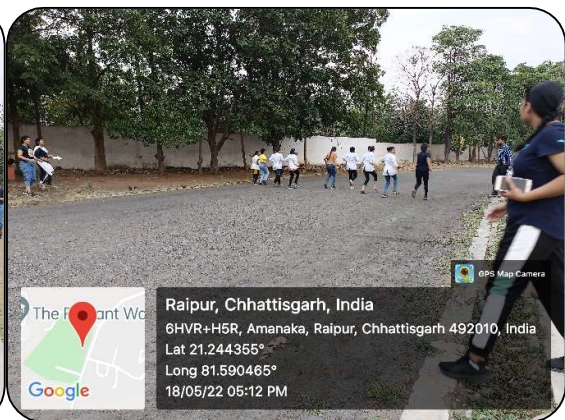


Three Leg Race (Total participants: 40)





Back Race (Girls/Boys)(Total participants: 35)



Long Jump (Girls/Boys)(Total participants: 17)

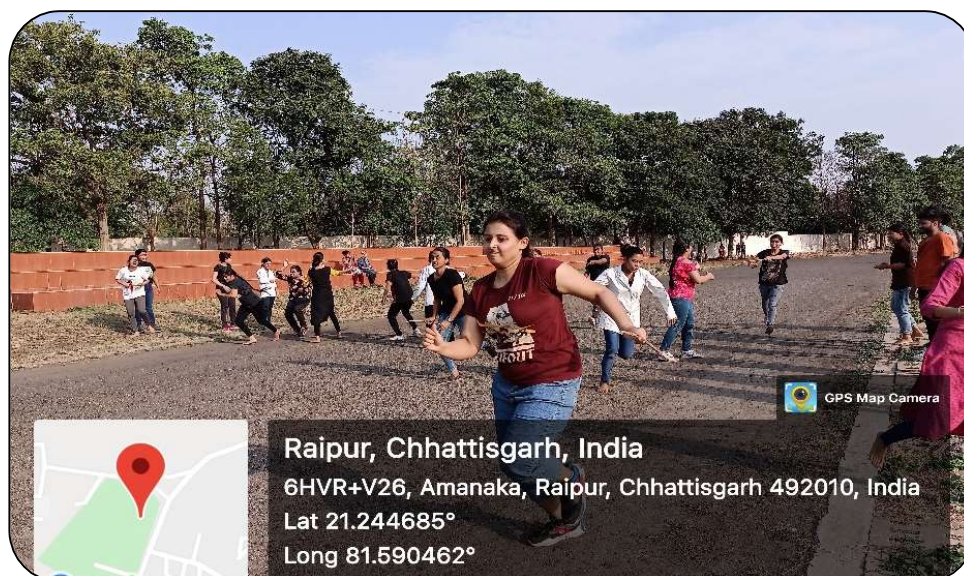


Race 100 m (Girls/Boys)(Total participants: 27)



Relay Race 100 m (Girls/Boys) (Total participants: 36)





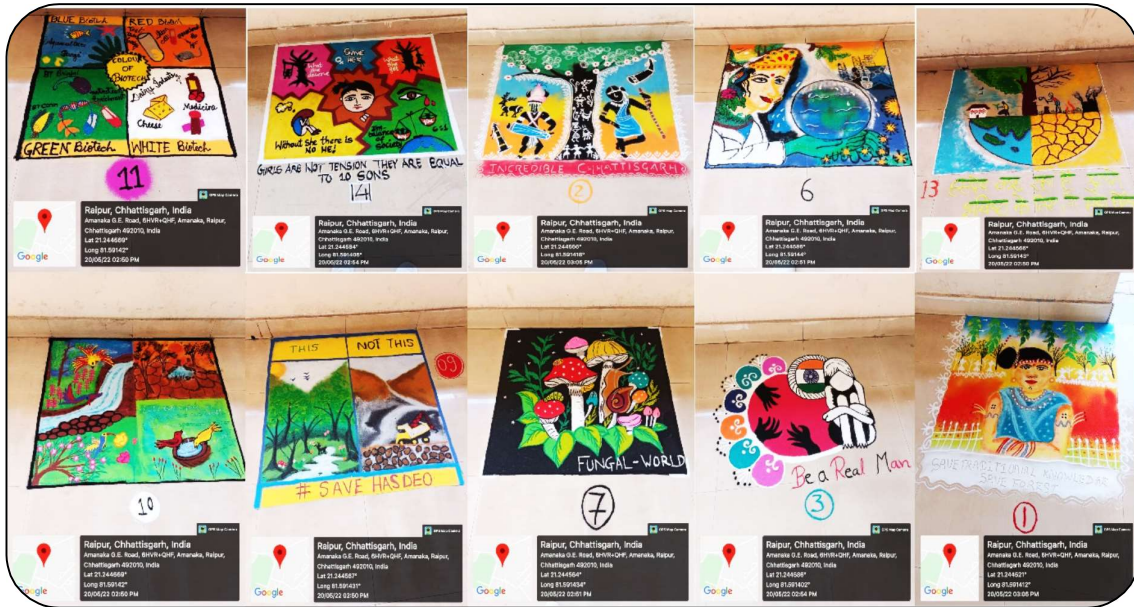
All the students were very much excited to do something beyond the studies. All have participated very energetically and enthusiastically in various competitions. Refreshments were arranged for all the participants, faculties and organizing team member

20-05-2022: Extracurricular Activities

Rangoli Competition (Total participants: 13)

Extracurricular activities like **rangoli** and **fireless cooking** were scheduled on **20th May, 2022**. Participants created beautiful rangolis with themes such as save girls, incredible Chhattisgarh, saving Hasdeo, Fungal world, pledge to save birds etc. The judges for evaluating rangoli and fireless cooking competitions were **Dr. Kavita Thakur**, Head of the Department, School of Studies in Electronics and Photonics and **Dr. Smita Sharma**, Center for Basic Sciences.





20-05-2022: Fireless Cooking (Total participants: 14)





Delicious and amazing dishes cooked without fire by the participants

The event was scheduled from **3:00 to 5:00 pm**. A total of 14 participants took part in fireless cooking competition, and different snacks and desserts were prepared like sweets from coconut, canapés chaat, fruit custards, squash etc.



Team of School of Studies in Biotechnology

All the events were successfully organized with the help of all of the alumni team members including **Dr. Nagendra Chandrawanshi** (Secretary, Alumni Association Biotechnology), **Dr. Shubhra Tiwari** (Joint Secretary, Alumni Association Biotechnology) and **Dr. Jai Shankar Paul**. The efforts of all the research scholars as well as every student was worth appreciating for making this event successful. **Prof. Keshav Kant Sahu**, Head of the Department, and other faculty members of the School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur appreciated participant's enthusiastic performances in each and every event and also congratulated the team for successful completion of this grand event.

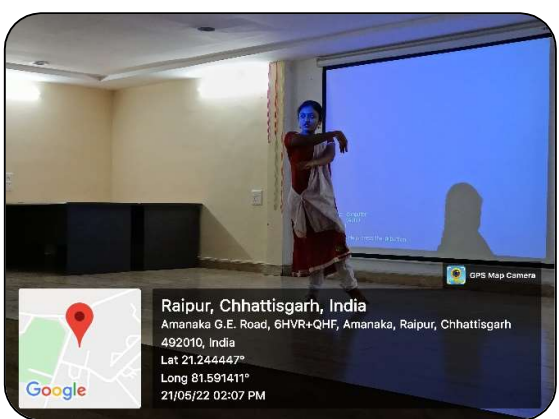
10th Alumni Meet: 21-05-2022 (Saturday)

Alumni Association of Biotechnology School of Studies in Biotechnology

The Alumni Association of School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh organized “**10th ALUMNI MEET 2022**” on **21st May 2022**. The alumni meet is to reconnect with the Alumni and celebrate their success and various achievements. The meeting was graced by the presence of **Prof. Keshari Lal Verma**, the honourable Vice-Chancellor Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. The alumni including Dr. B.M. Lall, Dr. Arunima Sur, Dr. Vikram Singh, Dr. Veenu Joshi, Mrs. Vinita Sahu, Dr. Alka Kaushik, Dr. Gyanmani Ekka, Dr. Shubha Diwan, Satyam Kumbhakar, Manohar Prakash Ram were welcomed with flowers in the grand alumni meet. The event began with traditional lamp lighting ceremony followed by kulgeet. The Alumni Meet started with a welcome address by the alumni association president **Dr. Shriram Kunjam**. He also gave a brief report of all the competitions held from 17th May to 20th May, 2022. After that graceful dance performance was presented by Mousmi Chatterjee and Khushboo (students of M.Sc. II Semester) on devotional songs. Alumni also interacted with the students and gave motivational talk regarding preparing for higher studies and placements. Students asked many questions regarding placements and the alumni shared their views as well as their previous experiences. The alumni, who were unable to come, gave their presence through virtual mode. A beautiful video on sports cum extracurricular activities held from 17th May to 20th May 2022 and a short video on 2020-2022 achievers of the department were presented. Thereafter, prize distribution ceremony began during the presence of **Prof. Keshari Lal Verma**, honourable Vice Chancellor, Pt. Ravishankar Shukla University, Raipur. The winners of all the competitions held in various events organized by the Alumni Association Biotechnology were presented with medals by the eminent guest. Then,

inauguration of Alumni's Journal website "NewBioWorld" was done by honourable Vice-Chancellor Sir. A valuable word of motivation was delivered by **Prof. Keshari Lal Verma**, who appreciated the Biotechnology department for their achievement. He appreciated the efforts of the department and also congratulated the whole team including alumni working in foreign countries. At last, the vote of thanks was delivered by **Dr. Nagendra Chandrawanshi**. He thanked and congratulated all the involved members from the different committees for the successful event, direct and indirect help, and support in every step. Lunch for all the audience was there in the University's guest house. With this, the event came to an end.

GLIMPSES OF 10th ALUMNI MEET: 21-05-2022 (Saturday)



Beautiful dance performance by students of M.Sc. second semester



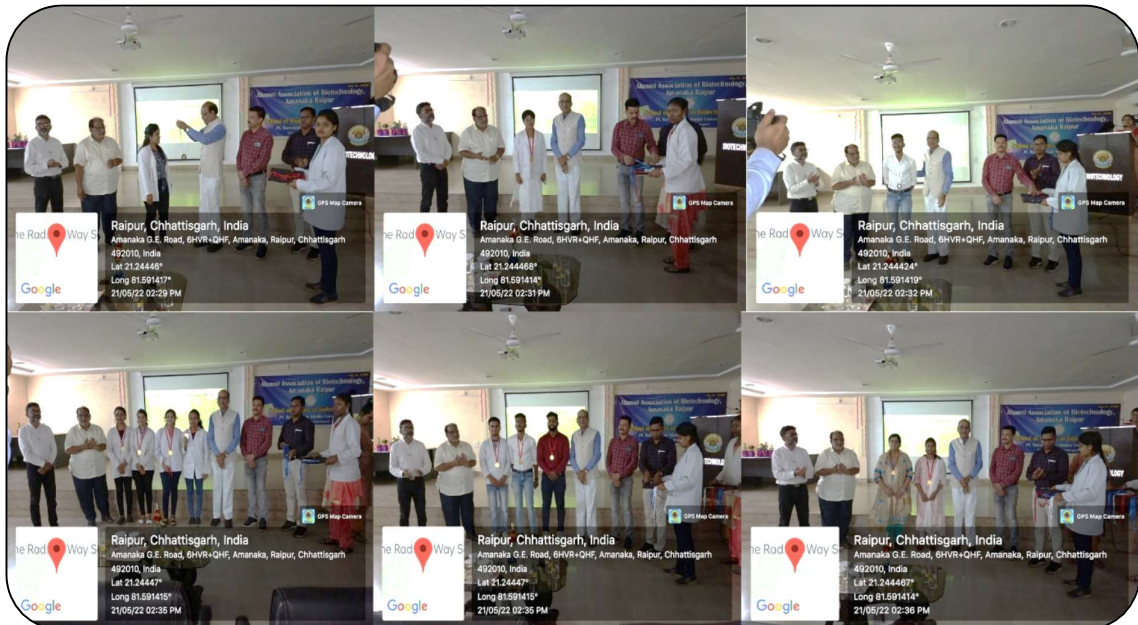
Felicitation and offering life member certificate to Alumni for their great achievement by honourable Vice Chancellor

Winners of various events organized during 17th to 20th May, 2022

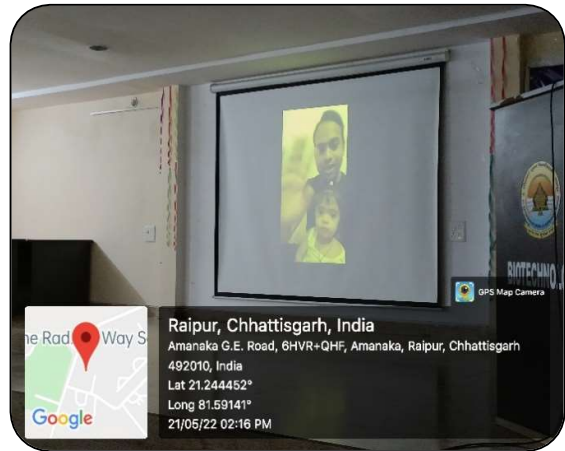
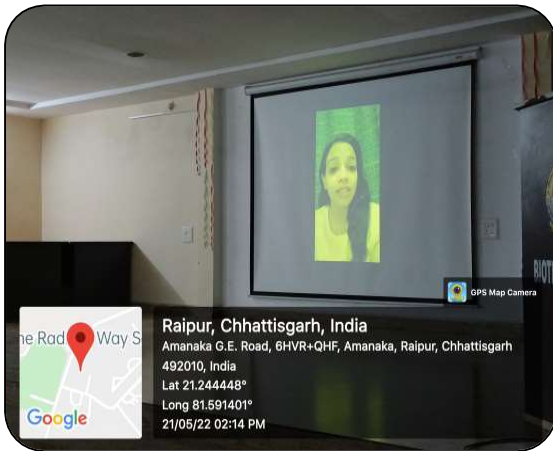
Competition	Position	Winner name
Badminton(Doubles)(Girls)	First	Soumya and Priya
	Second	Roza and Sadhna
Badminton(Doubles)(Boys)	First	Laxmikant and Ashish
	Second	Manish and Varun
Carrrom(Doubles)	First	Chetna and Manish
	Second	Tejaswi and Diksha
SpoonRace	First	Tanushree and Shristi
	Second	Deepanjali
	Third	Nancy
3LegRace	First Girls	Arjita and Pritika
	Second Girls	Soumya and Tanushree
	First Boys	Suryakant and Laxmikant
	Second Boys	Jatish and Varun
NeedleThreadRace	First	Chandani
	Second	Pooja Netam
	Third	Sonal
BackRace(Girls)	First	Pooja Netam
	Second	Diksha
	Third	Rupali
BackRace(boys)	First	Manish
	Second	Anand
	Third	Asif
LongJump(girls)	First	Chandani and Ayushi
	Second	Rupali
	Third	Khushboo and Deepanjali
LongJump(boys)	First	Manish
	Second	Ashish
	Third	Asif
Race100m(girls)	First	Deepika
	Second	Mousami
	Third	Rupali
Race100m(Boys)	First	Manish
	Second	Asif
	Third	Suryakant
Relay Race(Girls)	First	Diksha, Anjali, Ayushi, Chandani
	Second	Soumya, Tanushree, Priya, Deepika
Relay Race(boys)	First	Manish, Varun, Asif, Suryakant
	Second	Jatish, Shrijan, Anand, Ashish
Rangoli (Group)	First	Srishti and Aditi, Smriti and Tripti
	Second	Shraddha and Nisha, Soumya and Tanushree
	Third	Neha and Kajal, Prachi and Jatish
Fireless Cooking	First	Tanvi, Shraddha
	Second	Anjali Mishra, Anjali Kosre, Shubhi Chhabra
	Third	Rasleen Kaur, Ankita Nayak



Alumni interacting with students



Prize distribution ceremony in the presence of honourable Vice Chancellor sir



Alumni interacting with students via virtual mode



Words of appreciation and motivation by honourable vice chancellor



Capturing the proud moment after the grand success of 10th Alumni meet

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





(Keshav Kant Sahu)
School of Studies in Biotechnology
Pt. Ravishankar Shukla University
Raipur 492 010, Chhattisgarh

Rangoli Competition

11.12.2021



Painting Competition

11.12.2021



Essay Writing Competition

11.12.2021



Azadi Ka Amrit Mahotsav 2021 Celebration
Students Participation in Rajyotsava 2021, 28th October to 1st November
SoS in Electronics and Photonics, Pt. Ravishankar Shukla University
Raipur Chhattisgarh

Rajyotsava 2021

1 November of every year is celebrated as Chhattisgarh Rajyotsava (Chhattisgarh Foundation Day) as on this date in the year 2000 Government of India officially declared it to be an independent state.

Hon'ble **Chief Minister Shri Bhupesh Baghel** inaugurated Rajyotsava 2021 which was started on 28th October and lasted till 1st November. In which many ministers of the state have come and people from all over the world are part of this Rajyotsava.

Electronics and Photonics, Department of Pt. Ravi Shankar Shukla University also participated. In which Project (“**Wireless Charger for E-Vehicle Using Solar**”) Demonstration was done by **Lokesh Sahu and Vaishali Soni**.

About Project: “Wireless Charger for E-Vehicle Using Solar”

Participants Name – Lokesh Kumar Sahu and Vaishali Soni

Email – sahulucky14@gmail.com , vaishalisoni2310@gmail.com

Department – SoS in Electronics and Photonics, Pt. Ravishankar Shukla University Raipur, Chhattisgarh

Introduction Wireless power transfer (WPT) using magnetic resonance is the technology which could set human free from the annoying wires. In fact, the WPT adopts the same basic theory which has already been developed for at least 30 years with the term inductive power transfer. WPT technology is developing rapidly in recent years. At kilowatts power level, the transfer distance increases from several millimetres to several hundred millimetres with a grid to load efficiency above 90%. The advances make the WPT very attractive to the electric vehicle (EV) charging applications in both stationary and dynamic charging scenarios. We are using solar panels here to make it eco-friendly, which will give us power directly from the sun. By taking the energy from the sun, the entire energy is stored in the battery, after that we can transfer this energy.

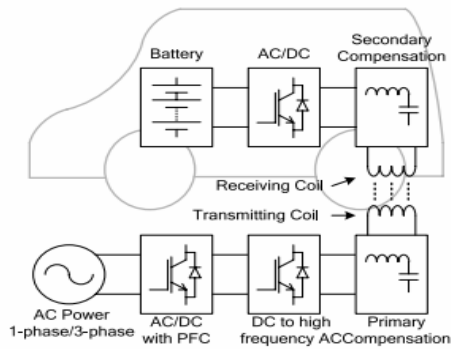


Fig. – Typical Wireless EV Charging System

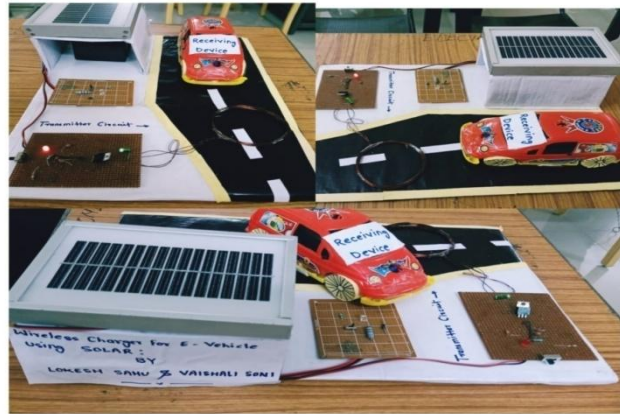


Fig. – Project Model

Conclusion: We know that nowadays the prices of petrol are increasing a lot. At this time we need electric vehicles the most. With the advent of electric vehicles, we will get rid of petrol diesel and we can drive at a lower cost. The biggest problem in this is how to charge the vehicle and how long does it take to charge it. To make charging easy, we have done the concept of wireless charger. And we have used solar panels to make it Eco-friendly, so that we are taking energy directly from the sun instead of using electricity.

We participated in **Rajyotsava 2021** and presenting our project. Where the Chief Minister of Chhattisgarh **Hon'ble Shri Bhupesh Baghel** came and while his visit to University Section, few glimpses of his discussion with us. Concurrently we are explaining the project.





- The Vice Chancellor of the University also came along with the Registrar Sir and the Professors and many students of the College who saw and understood our project and they appreciate us



**PT. RAVISHANKAR SHUKLA UNIVERSITY
RAIPUR, CHHATTISGARH, INDIA**

SCHOOL OF STUDIES IN ELECTRONICS AND PHOTONICS

**AZADI KA AMRIT MAHOTSAV
“SWACHHTA ABHIYAN”**

Date- 04 Dec, 2021

The School of Studies in Electronics and Photonics, Pt. Ravi Shankar Shukla University, Raipur organized cleanliness drive under Swachhta Abhiyan Programme on the occasion of “Azadi ka Amrit Mahotsav”. The main purpose of this program was to create awareness among the students regarding cleanliness and its benefits. Under this programme, all the students of Master of Science first and third semester had to participate. As a part of this cleanliness drive, students had to clean class rooms, hall, from starting gate to school building gate road, parking area and ground area. All girls had to clean the garden area and water to plants and flowers.

Students picked brooms and started their job. Some of the students did the dusting of the rooms. And others went to play ground and started picking wrappers, stones and dried tree leaves lying scattered there. After doing this job for one hour from 4:00 PM to 5:00 PM they cleaned themselves. At the end they moved toward their home.





SCHOOL OF STUDIES IN ELECTRONICS AND PHOTONICS
PT. RAVISHANKAR SHUKLA UNIVERSITY
RAIPUR, CHHATTISGARH, INDIA

AZADI KA AMRIT MAHOTSAV
“EASSY COMPETITION”

Date- 11Dec, 2021

The School of Studies in Electronics and Photonics, Pt. Ravishankar Shukla University, Raipur organized a Essay Competition on the occasion of “Azadi ka Amrit Mahotsav” participated by Master of Science First & Third and M. Tech I Semester student on December 11, 2021 in the auditorium hall of the department. The purpose of the program was competition/exam based improving knowledge & development of the students.

The program was started at 4:00 pm in the presence of Dr. Kavita Thakur (Head, SoS in Electronics & Photonics), Dr. Sanjay Tiwari (Professor, SoS in Electronics & Photonics), under the guidance and instruction of teaching faculties of the department.

The program was informative which definitely helped students in several aspects regarding their career and awareness in the field of new technologies and innovations.

The essay competition theme: **Science and Technology**

- **Scientific mindset and modern India**
- **Genuine scientific traditions of ancient India**
- **Science as a vehicle to serve humankind**

Essays are evaluated by experts Dr Kamlesh Srivash, SoS in Chemistry & Dr N K Chakradhari, SoS in Physics & Astrophysics, PRSU, Raipur.

All the students participated in this competition with great enthusiasm whose winners are:

1. Neha sahu (M.Sc. ,3rd sem.)
Divyanchal sahu (M.Tech, 1st semester)
2. Jharna Yadav (M.Sc. ,3rd sem.)
Jagriti sahu (M.Sc. ,3rd sem.)
3. Niharika Pradhan (M.Sc. ,3rd sem.)
Usmita patel (M.Sc. ,3rd sem.)

Ajadi ka Amrit Mahotsav

Essay Competition

Theme : Science and Technology

Saturday, 11th December 2021

Time : 4 pm to 5 pm

Venue : Seminar Hall, SoS in Electronics & Photonics,

Pt. Ravishankar Shukla University, Raipur

Write an essay in any one of the following topics –

1. Scientific minddset and modern India

वैज्ञानिक मानसिकता और आधुनिक भारत

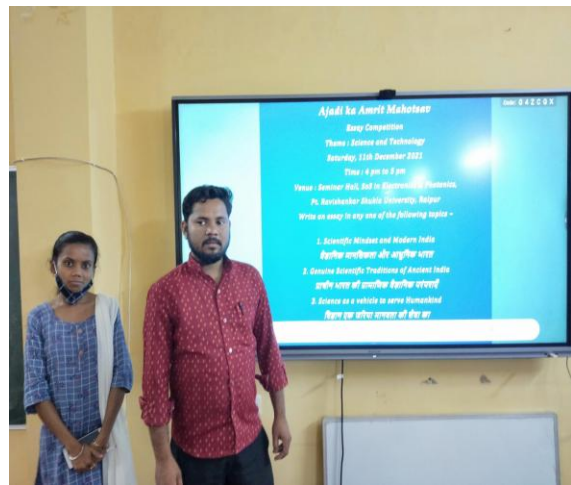
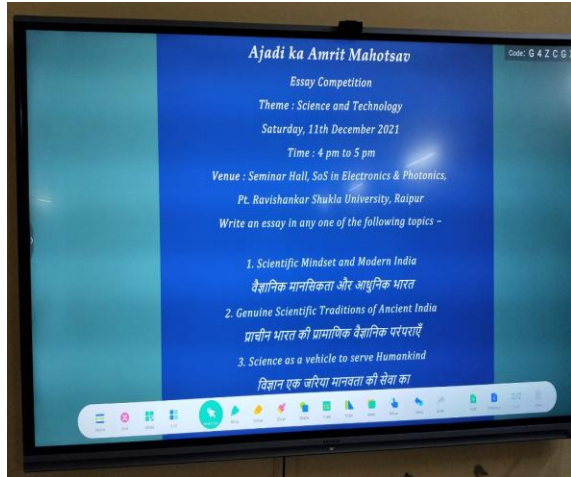
2. Genuine scientific traditions of ancient India

प्राचीन भारत की प्रामाणिक वैज्ञानिक परंपराएँ

3. Science as a vehicle to serve humankind

विज्ञान एक जरिया मानवता की सेवा का







SCHOOL OF STUDIES IN ELECTRONICS AND PHOTONICS
PT. RAVISHANKAR SHUKLA UNIVERSITY
RAIPUR, CHHATTISGARH, INDIA

AZADI KA AMRIT MAHOTSAV
“QUIZ COMPETITION”

Date- 23rd December, 2021

The School of Studies in Electronics and Photonics, Pt. Ravishankar Shukla University, Raipur organized a Quiz Competition on the occasion of “Azadi ka Amrit Mahotsav” presented by Master of Science First & Third and M. Tech I Semester student on December 23rd, 2021 in the auditorium hall of the department. The purpose of the program was competition exam based improving knowledge & development of the students.

The program was started at 4:00 pm in the presence of Dr. Kavita Thakur (Head, SoS in Electronics & Photonics), Dr. Sanjay Tiwari (Professor, SoS in Electronics & Photonics), the guidance and instruction of Naman Shukla and other Teaching Faculties of the department.

The program was informative which definitely helped students in several aspects regarding their career and competitive exam in the field of new technologies and innovations.

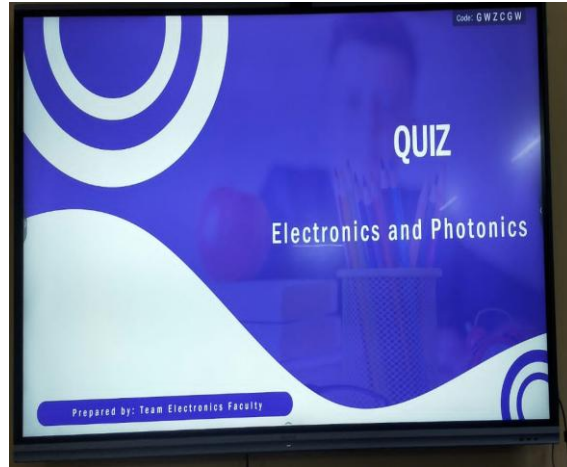
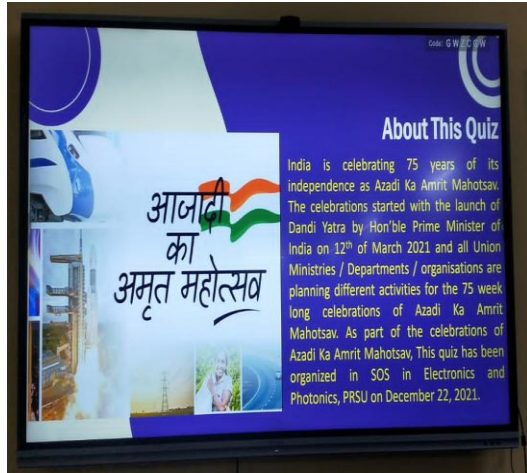
All the students participated in this competition with great enthusiasm whose winners are:

1. Dibyanchalsahu (M.Tech, 1st semester)
2. Deepti sahu (M.Sc. ,3rd semester)
3. Akash Chaturvedi (M.Sc. ,1st semester)
- Sandeep sahu (M.Sc. ,3rd semester)
- Ashish patel (M.Tech 1st semester)



India is celebrating 75 years of its independence as Azadi Ka Amrit Mahotsav. The celebrations started with the launch of Dandi Yatra by Hon'ble Prime Minister of India on 12th of March 2021 and all Union Ministries / Departments / organisations are planning different activities for the 75 week long celebrations of Azadi Ka Amrit Mahotsav. As part of the celebrations of Azadi Ka Amrit Mahotsav, quiz has been organized on December 22, 2021.





Azadi Ka Amrit Mahotsav

Activity Report

School of Studies in Geology & WRM

Month: October 2022

During the month a technical deliberation was organized for the students under TechTalk@Geology.

The TechTalk@Geology was held on 01.10.2022, addressed by Shri Prashant Kawishwar, Scientist E, Chhattisgarh Council of Science & Technology, Raipur. The talk dealt with the importance of space missions and contribution of ISRO. The talk illustrated the glorious journey of space technology of ISRO in the country. The presentation included the details of Indian space program, types of satellites, their orbits & sensors and application in the field of geology, disaster management, natural resource management, agriculture, weather forecasting, to name a few.

All the TechTalk@Geology were arranged at the Seminar Hall of the School, and was attended by the students of MSc, PG Diploma and Diploma.

Azadi Ka Amrit Mahotsav

Activity Report

School of Studies in Geology & WRM

Month: November 2022

Professor K R Hari was associated in field-work with Dr Greg Shelnut, Professor of National Taiwan Normal University, Taiwan and his students under the *international collaborative research project* from 04 – 11 November 2022. The field-work was carried out in and around Sonakhan and Korba region. The international research collaboration has helped to understand the geology and comparing the geotectonic evolution of Bastar craton through geological and geochemical investigations

During the visit, Dr Shelnut addressed the students on 12 November 2022 and delivered a TechTalk@Geology aimed towards the objectives of the international research project.

Dr Benidhar Deshmukh, Associate Professor, School of Science, IGNOU, New Delhi addressed a TechTalk@Geology on 28.11.2022. The talk was focused upon the aspects of geology. It helped to understand the interconnected facets of the subject which is of utmost importance during the preparation of competitive examinations. The deliberation will help the students to be productive and smart.

All the TechTalk@Geology were arranged at the Seminar Hall of the School, and was attended by the students of MSc, PG Diploma and Diploma.

The participants of DST sponsored Hands on Training program organized by University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur in association with Sophisticated Analytical Instrumentation Facility (Panjab University, Chandigarh) visited the School of Studies in Geology & WRM on 28.11.2022. During the visit, the participants were introduced to the subject of Geology and its various aspects. The participants toured various facilities viz. Petrological, Geophysical, and Geochemical, laboratories.



TEACHERS DAY(2021-2022)

Teacher's day has been celebrated on 4th September 2021 by the research scholars. The program started by customarily applying tilak and presenting 'shreefal' to the faculties. Along with all the faculties Prof. N.K Chakradhari , faculty of Physics department were also present on the occasion. After 'Saraswati Pooja', Prof. Dr. B.S Thakur sir delivered a short speech on biography of Dr Sarvepalli Radhakrishnan and the importance of celebrating Teacher's Day. A short slide show presentation was also given by the students as a token of gratitude. After celebration snacks were offered to everyone.



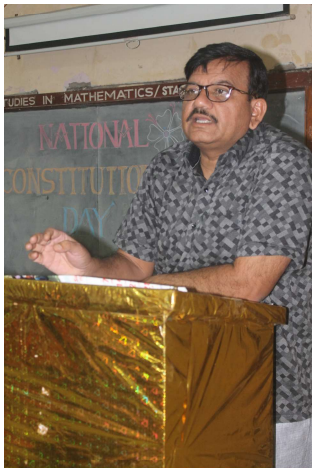
INDUCTION PROGRAMME(2021-2022)

The induction programme for M.Sc 1st Semester students was conducted in virtual mode on 8th October 2021. The program was initiated by a short speech of Prof. Dr B.S Thakur, H.O.D Mathematics. Sir has

talked about the university campus, mathematics department, faculties and the related subjects. All the faculties and students were present on the occasion.

CONSTITUTION DAY(2021-2022)

Constitution day has been celebrated on 26th November 2021 in the seminar hall. The program was initiated by a short speech of Prof. Dr. B.S Thakur, H.O.D Mathematics, on the framework of constitution of India. Remembering the contribution of Dr B.R Ambedkar, Sir has also talked about the contribution of other people on the framing and application of our constitution. On the occasion, M.Sc students also shared their views on constitution of India.



MATHEMATICS DAY(2021-2022)

National Mathematics Day was celebrated by the Mathematics department on 22nd December 2021 in the seminar hall. Many competitions were organised for P.G students. The celebration started by 'Saraswati Vandana' and lightening of lamp. The chief guest Dr. Vyas Dubey, H.O.D Statistics was welcomed by a flower bouquet after this a short speech was delivered by him. The first competition was poster making competition on the theme "Mathematics is everywhere". Second competition was slide presentation competition on the "Mathematicians all over the world". Third competition was quiz competition. After this a short speech was given by , Prof. Dr. B.S Thakur, H.O.D Mathematics. Prize distribution was done on the same day after which the vote of thanks was given by Dr. Dipti Thakur ma'am.

VASANT PANCHAMI(2021-2022)

Vasant panchami also known as Saraswati Pooja, was celebrated by Mathematics Department on 5th February 2022. Along with all the faculties as well as the research scholars, Dr Suparna Sengupta, Librarian, Pt. Ravishankar Shukla University. were also present on the occasion.

NATIONAL GIRL CHILD DAY



Submit your Essay,
Poem, and
Poster/Painting in the
following mail
cwsprsurapur@yahoo.in

Visit the website
<https://www.prsu.ac.in/academic-departments/utd-departments/Centre-for-Womens-Studies/9>

ONLINE ESSAY WRITING, POEM AND POSTER/PAINTING COMPETITION

THEMES

How do you like to see girls of 21st century (21वीं सदी
की लड़कियों को आप कैसे देखना पसंद करते हैं)



Registration form link –

<https://docs.google.com/forms/d/1sltmGWDJOJRf8fKMjGpWQ9DcuNOzy7ZrwBXP HohTDso/edit>

ORGANIZED BY

CENTRE FOR WOMEN'S STUDIES,

PT. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR (C.G.)

Submission
Deadline
January 31st
2022

