

# **NATIONAL SCIENCE DAY CELEBRATION-2025**

**Catalysed and Supported by CG COST Raipur, NCSTC, DST  
Government of India, New Delhi**



**2025**

**Empowering Indian Youth for  
Global Leadership in Science & Innovation for Viksit Bharat”**

**A Report  
Submitted By: -**

**Dr Saraj Sharma**  
Convener  
National Science Day

**Dr Amitabh Banerjee**  
Principal  
Govt. NPG College of Science, Raipur (C.G.)

# **NATIONAL SCIENCE DAY CELEBRATION-2025**

Catalysed and supported by CG COST Raipur, NCSTC, DST  
Government of India, New Delhi

## **Organising Committee: -**

**Mrs. Rashmi Priya Toppo**

Member, Science Club

Assistant Professor, Department of Physics

**Dr. Kiran Bala Dubey**

Member, Science Club

Assistant Professor, Department of Computer Science

**Mrs. Deepali Rajwade**

Member, Science Club

Assistant Professor, Department of Biotechnology

**Dr. Pallavi Sinha**

Member, Science Club

Assistant Professor, Department of Zoology

**Dr. Saroj Sharma**

Convener

Science Club,

Assistant Professor, Department of Chemistry

**Amitabh Banerjee**

(Patron)

Principal,

Government Nagarjuna Postgraduate College of Science, Raipur (C.G.)

# NATIONAL SCIENCE DAY CELEBRATION-2025

Catalysed and supported by CG COST Raipur, NCSTC, DST  
Government of India, New Delhi

## CONTENTS

S.No.	Event	Page No
1.	Concept Note of National Science Day 2025	04
2.	Invited Lecture Series	
	• Lecture Organized by the Departments of Zoology, Botany, Biotechnology, and Microbiology	06
	• Lecture Organized by the Departments of IT, Computer Science, and Mathematics	07
	• Lecture Organized by the Department of Physics	09
	• Lecture Organized by the Department of Chemistry	11
	• Lecture on Indian Knowledge System	13
3	Science Club Initiatives:	15-16
4	Compendium on Various Activities	17
	• Telescopic Observation of Celestial Bodies	18
	• Visit to NCNR by the Departments of Zoology, Botany, and Biotechnology	20
	• Visit to NCNR by the Departments of Geology, Physics, and Mathematics	22
	• Educational Tour to IGKV	23
5	Competition Organized by Science Club	
	• Science & Technology Quiz	26
	• Presentation on Innovative Idea	29-30
	• Poster Making Competition	33
	• Essay Competition	36
	• Model Competition	38-39
	• Rangoli Competition	42-43
	• Prize Distribution	45-48
6	Annexure	
	Important Notices	49-67
	Certificates	68-72

# NATIONAL SCIENCE DAY CELEBRATION-2025

Catalysed and supported by CG COST Raipur, NCSTC, DST  
Government of India, New Delhi

National Council for Science and Technology Communication (NCSTC), Department of Science & Technology (DST), Government of India (GoI), celebrates National Science Day (NSD) on 28 February every year to commemorate the discovery of the Raman Effect by Sir C. V. Raman in 1928. During the celebration, a diverse range of programmes are conducted across the country in schools, colleges, universities, R&D institutions, and State S&T Councils to showcase achievements in the field of Science, Technology, and Innovation.

## **Theme of NSD 2025:**

*"Empowering Indian Youth for Global Leadership on Science and Innovation for Viksit Bharat"*

## **NSD - 2025 Celebration:**

The NCSTC, through the network of State Science and Technology Councils as well as other scientific organisations, conceptualises outreach activities to generate curiosity, promote the spirit of inquiry, and inculcate scientific temperament among students and the general public.

The celebrations include lectures, demonstrations, competitions, exhibitions, and awareness programmes at various institutions, engaging students, teachers, faculty, researchers, and science communicators.

At the national level, the NCSTC organises a programme on 28th February, which includes participation from dignitaries, scientists, technocrats, policymakers, and students. The event is conducted in hybrid mode, with offline sessions at Vigyan Bhawan, New Delhi, and online participation from stakeholders across the country.

**Government Nagarjuna Postgraduate College of Science, Raipur  
National Science Day Celebration- 2025**

**Compendium on Invited Lectures**

**Government Nagarjuna PG College of Science, Raipur, C.G.**  
**National Science Day – 2025**

**Invited Lecture Organized By: Department of Zoology, Botany, Biotechnology, Microbiology**

Guest Speaker: Dr Anuj Kumar Shukla, Assistant Professor, Department of Mechanical Engineering, NIT Raipur (CG), and CEO, NIT-RRFIE.

Date: 27 February 2025

Venue: Government Nagarjuna Postgraduate College of Science, Raipur

Organized by: Departments of Zoology, Botany, Biotechnology, and Microbiology

Catalysed and supported by: Chhattisgarh Council of Science and Technology (CGCOST) and National Council for Science and Technology Communication (NCSTC), DST, Government of India, New Delhi

As part of the Science Day Celebration, a guest lecture was organised by the Departments of Zoology, Botany, Biotechnology, and Microbiology on the topic of “Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat.” The invited speaker was Dr Anuj Kumar Shukla, Assistant Professor, Department of Mechanical Engineering, NIT Raipur (CG), and CEO, NIT-RRFIE.

Dr Shukla delivered an enlightening and interactive lecture emphasizing the vital role of Indian youth in shaping the future of science and innovation for a developed India. He inspired students to adopt scientific thinking, pursue innovation-driven research, and contribute towards national progress through creativity and entrepreneurship. His talk also highlighted the importance of interdisciplinary collaboration and technological advancement in realizing the vision of Viksit Bharat.

The event was organised under the leadership of Dr Priti Mishra, Head of the Department, and was attended by faculty members, including Dr Indu Mendrik, Dr Gunjan Ojha, Dr Pallavi Sinha, and Dr Sadhana Jaiswal. A large number of B.Sc. and M.Sc. students actively participated in the session and interacted with the guest speaker with great enthusiasm.

The lecture concluded with a vote of thanks proposed by Dr Priti Mishra, expressing gratitude to the speaker for his valuable insights and motivational address.

## **Government Nagarjuna PG College of Science, Raipur, C.G.**

### **National Science Day – 2025**

**Organized By: Department of IT, CS, and Mathematics**

Date: 05 March 2025

Venue: E-Classroom, Government Nagarjuna Postgraduate College of Science, Raipur

Organized by: Departments of Information Technology, Computer Science, and Mathematics

Catalysed and Supported by: Chhattisgarh Council of Science and Technology (CGCOST) and National Council for Science and Technology Communication (NCSTC), DST, Government of India, New Delhi

---

Under the theme “Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat,” a guest lecture was organized on 05 March 2025 jointly by the Departments of Information Technology, Computer Science, and Mathematics at Government Nagarjuna Postgraduate College of Science, Raipur, as part of the National Science Day Celebration.

The invited lecture was delivered by Dr Sanjay Kumar, Professor and Head, School of Computer Science and Information Technology, Pt. Ravishankar Shukla University, Raipur. Dr Kumar delivered an insightful and engaging talk focusing on Artificial Intelligence (AI), Machine Learning, Robotics, and the applications of AI across various fields. He discussed how information technology is transforming industries, research, and everyday life through automation, innovation, and digital intelligence.

The program began with the traditional Saraswati Vandana and the felicitation of the guest. In his address, Principal Dr Amitabh Banerjee motivated students to develop skills beyond their regular curriculum and to master their chosen fields through dedication and innovation.

The lecture was efficiently coordinated by Dr Surendra Kumar Patel, Assistant Professor, Department of Information Technology. The program witnessed the presence of Mrs Kiran Bala Duvey, Head, Department of Computer Science; Mrs Yogeshwari Pal, Head, Department of Information Technology; Dr Varsha Thakur; Mrs Kajal Sahu; and other faculty members, along with a large number of enthusiastic students.

The session concluded with a Vote of Thanks delivered by Dr R. A. Siddiqui, Head, Department of Mathematics, who expressed gratitude to the distinguished speaker and the organizing committee for the successful conduct of the event.

#### **Observation:**

Students showed immense curiosity about AI and its practical implications. They actively interacted with the speaker, asking insightful questions about machine learning algorithms, robotics applications, and career opportunities in the field of information technology.

#### **Outcome:**

The lecture enhanced students' understanding of emerging technologies and inspired them to explore interdisciplinary learning. It motivated them to integrate computer science skills with scientific research and innovation to contribute to the vision of Viksit Bharat.



CELEBRATES  
**NATIONAL SCIENCE DAY**

DEPARTMENT OF INFORMATION TECHNOLOGY, COMPUTER SCIENCE And MATHEMATICS  
Presents  
In Association with Chhattisgarh Council of Science And Technology Raipur

THEME  
"Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat"

Organizing Committee :-Department of Information Technology, Computer Science And Mathematics

Invited Lecture on:-  
"Uses and Applications of Artificial Intelligence".

Patron and Principal  
Dr. Amitabh Banerjee

Head and Professor SOS in  
Computer Science

VENUE- E CLASSROOM GNRC RAIPUR CAMPUS DATE- 05/03/25 TIME- 11:00 AM



## **Government Nagarjuna PG College of Science, Raipur, C.G.**

### **National Science Day – 2025**

**Organized By: Department of Physics**

Date: 26/03/2025

Venue: Government Nagarjuna PG College of Science, Raipur (C.G.)

Guest Speaker: Dr D.P. Bisen

Topic: Exploring Research Opportunities in Physics in Chhattisgarh,

Catalysed and supported by: Chhattisgarh Council of Science and Technology (CGCOST) and National Council for Science and Technology Communication (NCSTC), DST, Government of India, New Delhi

---

The Physics Department of Government Nagarjuna PG College of Science, Raipur (C.G.), organized an invited lecture on "Exploring Research Opportunities in Physics in Chhattisgarh" on 25 March 2025. The event was conducted at the college's E-classroom and was attended by faculty members and students. The session aimed to provide in-depth knowledge and practical insights into the various research fields available in physics, particularly in the context of Chhattisgarh. The lecture commenced with a warm welcome by Miss Rashmi Priya Toppo, who introduced the esteemed guest speaker, Dr D.P. Bisen, a renowned expert in the field of physics research. The speaker was felicitated with a token of appreciation by the Head of the Department of Physics, Dr B.G. Sharma. The guest speaker elaborated on the significance of physics research and its impact on scientific advancements. Various research fields available in Chhattisgarh, including material science and astrophysics, were discussed in detail. The speaker also provided information about research grants, government initiatives, and collaboration opportunities with institutions in the state. The session was highly interactive, with students actively participating in a Q&A segment, where they gained valuable insights and clarifications on research-related topics. Real-world case studies and examples were shared to enhance understanding of ongoing research in the region. Additionally, attendees learned about career paths in physics research and the steps to pursue higher studies in the field.

The invited lecture proved to be an enlightening experience for all attendees. The Head of the Department of Physics of the college, Dr B.G. Sharma, expressed gratitude towards the guest speaker and encouraged students to engage in similar academic discussions.

The event concluded with a vote of thanks delivered by Dr B.G. Sharma. The organising team extends their heartfelt appreciation to the management, faculty, and students for their active participation and support in making this event a grand success.

# NATIONAL SCIENCE DAY CELEBRATION - 2025



Google

Raipur, Chhattisgarh, India

A-7, Jivan Vihar, Raipur, Chhattisgarh 492001, India

Lat 21.247391° Long 81.602225°

25/03/2025 01:07 PM GMT +05:30



Raipur, Chhattisgarh, India

A-7, Jivan Vihar, Raipur, Chhattisgarh 492001, India

Lat 21.247379° Long 81.602188°

25/03/2025 02:13 PM GMT +05:30



रायपुर, छत्तीसगढ़, भारत

जीवन विहार, रायपुर, छत्तीसगढ़ 492001, India

Lat 21.247391° Long 81.602225°



रायपुर, छत्तीसगढ़, भारत

A-7, जीवन विहार, रायपुर, छत्तीसगढ़ 492001, India

Lat 21.247616° Long 81.602231°

25/03/2025 02:11 PM GMT +05:30

# Government Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025

Organized By: Department of Chemistry

Date: 22/04/2025

Venue: Auditorium of Government Nagarjuna PG College of Science, Raipur (C.G.)

Guest Speaker: Dr Kavita Tapadiya, Associate Professor, Department of Chemistry, NIT Raipur

Topic: Spectroscopy

Organized by: Department of Chemistry, Government Nagarjuna Postgraduate College of Science, Raipur

Catalysed and supported by: Chhattisgarh Council of Science and Technology (CGCOST) and National Council for Science and Technology Communication (NCSTC), DST, Government of India, New Delhi

Audience: B.Sc. and M.Sc. Chemistry Students, Faculties

Coordinated by: Dr Saroj Sharma, Convener of the Science Club

## 1. Introduction

As part of the Science Day Celebration 2025, the Department of Chemistry organized a guest lecture on “Spectroscopy” on 22 April 2025. The event aimed to provide students with a deeper understanding of the fundamentals, instrumentation, and applications of various spectroscopic techniques widely used in chemical and interdisciplinary research.

## 2. Resource Person

The lecture was delivered by Dr Kavita, Associate Professor, Department of Chemistry, NIT Raipur. She explained in detail the principles and significance of UV-Visible, Infrared (IR), Nuclear Magnetic Resonance (NMR), and Mass Spectroscopy. Her session highlighted the use of spectroscopy in structure elucidation, qualitative and quantitative analysis, and modern research applications.

## 3. Participation

The lecture witnessed enthusiastic participation from B.Sc. and M.Sc. Chemistry students. Faculty members, including Dr Ravi Banjare, Dr Vinod Jena, DrMilhilesh Kumari Gupta, Dr Varsha Chandrakar, and Dr Chhaya Bhatt, attended the session and actively engaged in the academic interaction.

## 4. Proceedings

The program commenced with a welcome address by Dr Saroj Sharma, Convener, Science Club, and Assistant Professor, Department of Chemistry. She emphasized the importance of spectroscopy in modern analytical and research laboratories.

During the session, Dr Kavita elaborated on the working mechanisms, instrumentation, and data interpretation of different spectroscopic techniques. She also shared examples of their applications in pharmaceutical, environmental, and materials research.

The session concluded with a vote of thanks proposed by DrPareshchandra Sharma, who expressed gratitude to the distinguished speaker, faculty members, and students for their valuable participation and cooperation.

## 5. Observations

The lecture was informative, interactive, and inspiring. Students gained practical insights into how spectroscopic tools help in analyzing substances and understanding molecular behaviour.

## 6. Outcomes

- Enhanced students' understanding of the principles and applications of spectroscopy.
- Promoted research-oriented learning and curiosity among chemistry students.
- Strengthened academic collaboration between the college and NIT Raipur.

Served as a successful academic event under the Science Day Celebration 2025, catalysed and supported by CGCOST and NCSTC–DST, Government of India.

**6 ल** भारतीय ज्ञान प्रणाली विज्ञान की आधारशिला सिटी रिपोर्टर • साइंस कॉलेज में विज्ञान क्लब और केमिस्ट्री डिपार्टमेंट की ओर से भारतीय ज्ञान प्रणाली विषय पर एक व्याख्यान कार्यक्रम का आयोजन किया गया। कार्यक्रम के मुख्य वक्ता हनुमंत राव ने भारतीय ज्ञान प्रणाली की वैज्ञानिक और सांस्कृतिक प्रासंगिकता पर अपने विचार रखे। उन्होंने कहा कि नई शिक्षा नीति के अनुरूप भारतीय ज्ञान परंपरा का समावेश शिक्षा को अधिक समग्र, व्यावहारिक और मूल्याधारित बना रहा है। प्राचार्य डॉ. अमिताभ बनर्जी ने कहा कि, भारतीय ज्ञान प्रणाली केवल अतीत की गौरवशाली धरोहर नहीं है, बल्कि आधुनिक विज्ञान, दर्शन और तकनीकी चिंतन की आधारशिला भी है। उन्होंने कहा कि वे भारतीय वैज्ञानिक योगदान को समझें और उसे अपने अनुसंधान और नवाचार से जोड़ें।

**ज अ** सिटी को ह के रू में सं रायपुर आयो डॉ. यू महिला वाला पहचा अपना लाई उ

**नवभारत**

संस्थान • अहम  
Rajdhani - 24 Apr 2025 - 24RajS  
epaper.navabharat.news

**mycity**

**न्यूज कैप्सूल**



**साइंस कॉलेज में वैज्ञानिक उपकरणों की कार्यप्रणाली पर विशेष व्याख्यान**

रायपुर। विज्ञान क्लब एवं केमिस्ट्री सोसायटी के संयुक्त उल्लासधन में शासकीय विज्ञान महाविद्यालय में मंगलवार को एक शैक्षिक व्याख्यान का आयोजन किया गया। इस अवसर पर राष्ट्रीय प्रौद्योगिकी संस्थान (एनआईटी) की एसोसिएट प्रोफेसर डॉ. कविता तारुडिच ने इंटरमिटेरान इन मॉडर्न सेनोरीय डिपेंडेंसी व्याख्यान प्रस्तुत किया। यह कार्यक्रम प्राचार्य डॉ. अमिताभ बनर्जी के मार्गदर्शन में, सोनीओपेस्टो के सहयोग से तथा विज्ञान क्लब प्रभाती डॉ. सरोज शर्मा के निर्देशन में हुआ। जो विशेष रूप से एफएमसी रसायनशास्त्र के विद्यार्थियों के लिए आयोजित था। इस दौरान डॉ. तारुडिच ने आधुनिक वैज्ञानिक उपकरणों की कार्यप्रणाली, प्रयोगशालाओं में इनके उपयोग तथा अनुसंधान में इनकी भूमिका पर अत्यंत उपयोगी जानकारी सझा की। कार्यक्रम में डॉ. रवि चव्वा, डॉ. विनोद जेना, सर्वजित कोर मक्कड़, डॉ. छया व डॉ. अंजू झा विशेष रूप से शामिल हुए। केमिस्ट्री सोसायटी की सक्रिय सदस्य डॉ. नर्वा चंद्रकर एवं महिला केंद्र तथा विज्ञान क्लब की संघीयिका डॉ. सरोज शर्मा ने आयोजन को सफल बनाने में सक्रिय भूमिका निभाई। रसायनशास्त्र विभाग प्राचार्य डॉ. पुरुषोत्तम शर्मा ने मुख्य अतिथि डॉ. तारुडिच एवं अतिथियों के प्रति धन्यवाद ज्ञापित किया।



## **Government Nagarjuna PG College of Science, Raipur, C.G.**

### **National Science Day – 2025**

**Organised By: Science Club and Department of Chemistry**

**Lecture on Indian Knowledge System (IKS)**

Date: 30 October 2025

Time: 11:30 AM

Venue: E-Classroom, Government Nagarjuna Postgraduate College of Science, Raipur

Organized by: Science Club and Department of Chemistry, Government Nagarjuna Postgraduate College of Science, Raipur

Catalysed and Supported by: Chhattisgarh Council of Science and Technology (CGCOST) and National Council for Science & Technology Communication (NCSTC), DST, Government of India, New Delhi

#### **1. Introduction**

As part of the Science Club initiatives, a special guest lecture on the Indian Knowledge System (IKS) was conducted on 30 October 2025. The lecture was delivered by Shri Hanumant Rao, Rashtriya Upadhyaksh, Akhil Bharatiya, an expert in Indian traditional knowledge and philosophy. The session aimed to inspire students and faculty by connecting traditional Indian wisdom with contemporary scientific and educational perspectives.

#### **2. Participants**

The lecture was attended by:

All students of the college across various departments

Faculty members of the Science College, including the Department of Chemistry

Head, Department of Chemistry: Dr S.K. Patle

Principal: Dr Amitabh Banerjee

Approximately 50–60 students and faculty participated in the session, showing keen interest and engagement.

#### **3. Highlights of the Lecture**

Shri Hanumant Rao delivered an inspirational and informative lecture covering:

- Principles and significance of the Indian Knowledge System (IKS) in modern education
- Integration of traditional Indian wisdom with contemporary scientific research
- Relevance of IKS in fostering innovation, ethical practices, and problem-solving skills
- Examples from Ayurveda, astronomy, mathematics, and other indigenous knowledge systems
- Ways in which students can apply these principles in research, technology, and daily learning

The lecture was interactive, and students were encouraged to ask questions. Shri Rao provided detailed answers and examples linking IKS concepts with modern scientific applications.

#### **4. Observations**

Students were highly attentive and asked questions about practical applications of IKS in science and technology.

The lecture successfully bridged traditional knowledge with modern scientific thought.

Faculty members appreciated the session for its educational and motivational value.

#### **5. Outcomes**

- Enhanced awareness among students about the importance of Indian traditional knowledge systems.
- Encouraged students to explore interdisciplinary approaches by integrating IKS principles with modern science.
- Motivated students to pursue research and innovation guided by ethical and cultural wisdom.
- Strengthened Science Club efforts to organize informative and inspirational academic events for students.



रायपुर, छत्तीसगढ़, भारत  
 Anand Mohan Science University of Chhattisgarh,  
 Aamlika, रायपुर, छत्तीसगढ़ 492010, भारत  
 Lat 21.249008, Long 81.601053  
 Thursday, 30/10/2025 12:23 PM GMT+05:30  
 Note - Captured by GPS Map Camera



रायपुर, छत्तीसगढ़, भारत  
 Anand Mohan Science University of Chhattisgarh,  
 Aamlika, रायपुर, छत्तीसगढ़ 492010, भारत  
 Lat 21.249008, Long 81.601053  
 Thursday, 30/10/2025 12:24 PM GMT+05:30  
 Note - Captured by GPS Map Camera



रायपुर, छत्तीसगढ़, भारत  
 GE Road, Aamlika, रायपुर, छत्तीसगढ़ 492010, भारत  
 Lat 21.248383, Long 81.602414  
 Thursday, 30/10/2025 01:23 PM GMT+05:30  
 Note : Captured by GPS Map Camera

चा स शर सुनान का ने पुरे जोश से कहा - आया था। प्रके बाद क्या हुआ? यत से जवाब दिया

-साला फिर अगे गया ही नहीं। यह सुनकर सभी ठहाकों से लोटपोट हो गए। एड स्ट्राइल में रैचो ने अपने पंच भी सुनाए - गुटखा तंबाकू खाने से ईंसान बूढ़ा नहीं होता, क्योंकि वह जवानी में ही मर जाता है। राजा ने जब एक छोटे बच्चे निहाल को दूबने में मदद की और की आवाज पर निहाल मिल गया, रैचो ने तुरंत कहा - खोए निहाल मिलने पर उनके माता-पिता निहा गए। कार्यक्रम के अंत में राजा ने

**नी ने जीते 6 ने 10 मेडल**

**भारतीय ज्ञान प्रणाली विज्ञान की आधारशिला**

सिटी रिपोर्टर • साइंस कॉलेज में विज्ञान क्लब और केमिस्ट्री डिपार्टमेंट की ओर से भारतीय ज्ञान प्रणाली विषय पर एक व्याख्यान कार्यक्रम का आयोजन किया गया। कार्यक्रम के मुख्य वक्ता हनुमंत राव ने भारतीय ज्ञान प्रणाली की वैज्ञानिक और सांस्कृतिक प्रासंगिकता पर अपने विचार रखे। उन्होंने कहा कि नई शिक्षा नीति के अनुरूप भारतीय ज्ञान परंपरा का समावेश शिक्षा को अधिक समाज, व्यावहारिक और मूल्यधारित बना रहा है। प्राचार्य डॉ. अमिताभ बनर्जी ने कहा कि, भारतीय ज्ञान प्रणाली केवल अतीत की गौरवशाली धरोहर नहीं है, बल्कि आधुनिक विज्ञान, दर्शन और तकनीकी चिंतन की आधारशिला भी है। उन्होंने कहा कि वे भारतीय वैज्ञानिक योगदान को समझें और उसे अपने अनुसंधान और नवाचार से जोड़ें।

**जागरूकता असली इ**

सिटी रिपोर्टर, रायपुर • को हर वर्ष स्तन कैसर ज के रूप में मनाया जाता में संजीवनी कैसर केय रायपुर ने विशेष जागरूक आयोजित किया। वरिष्ठ डॉ. युसुफ मेमन ने बताया महिलाओं में सबसे ज्यादा बाला कैसर स्तन कैसर है पहचान इसको सबसे बड़े समय पर जांच और स्वस्थ अपनाने से मृत्यु दर में लाई जा सकती है। डॉ.



## भारतीय ज्ञान परंपरा का समावेश शिक्षा को अधिक समग्र बना रहा: राव

पत्रिका न्यूज नेटवर्क  
 patrika.com



रायपुर, शासक्रीय नागार्जुन स्नातकोत्तर विज्ञान महाविद्यालय में विज्ञान क्लब एवं रसायन शास्त्र विभाग की ओर से भारतीय ज्ञान प्रणाली विषय पर व्याख्यान आयोजित किया गया। कार्यक्रम के मुख्य वक्ता हनुमंत राव ने भारतीय ज्ञान प्रणाली की वैज्ञानिक एवं सांस्कृतिक प्रासंगिकता पर अपने विचार प्रस्तुत किए। उन्होंने कहा कि नई शिक्षा नीति के अनुरूप भारतीय ज्ञान परंपरा का समावेश शिक्षा को अधिक समाज, व्यावहारिक और मूल्यधारित बना रहा है। प्राचार्य डॉ. अमिताभ बनर्जी ने कहा कि भारतीय

ज्ञान प्रणाली केवल अतीत की गौरवशाली धरोहर नहीं है, बल्कि आधुनिक विज्ञान, दर्शन और तकनीकी चिंतन की आधारशिला भी है। उन्होंने विद्यार्थियों को प्रेरित करते हुए कहा कि वे भारतीय वैज्ञानिक योगदान को समझें और उसे अपने अनुसंधान एवं नवाचार से जोड़ें। इस अवसर पर विज्ञान क्लब की संयोजिका डॉ. सरोज शर्मा, रसायन शास्त्र विभाग के एचओडी डॉ. एस. के. पटेल, छाया भट्ट, दीपाली राजवाडे, रेखा नागवंशी, संजय घोष एवं अंजु झा व अन्य उपस्थित रहे।

31/10/2025 | Raipur City | Page : 8  
 Source : <https://epaper.patrika.com/>

**Government Nagarjuna Postgraduate College of Science, Raipur  
National Science Day Celebration- 2025**

**Report on Science Club Initiatives**

## **Science Club Initiative: Collaboration with Dr SPM IIIT–Naya Raipur**

**(under process)**

As part of the Science Club initiatives, a significant academic step was taken this year through the establishment of a collaborative understanding between Government Nagarjuna Postgraduate College of Science, Raipur, and Dr SPM IIIT–Naya Raipur. This initiative was collectively supported by the Departments of Chemistry, Information Technology, and Computer Science, reflecting an interdisciplinary approach towards promoting advanced scientific learning.

The purpose of this collaboration is to introduce students to emerging scientific and technological domains such as Artificial Intelligence (AI), Machine Learning, data-driven analysis, and modern computational tools. Through this association, students will gain opportunities to participate in training programs, workshops, hands-on demonstrations, and knowledge-sharing sessions conducted by experts from IIIT.

This initiative aims to enhance research orientation, technical skills, and innovative thinking among undergraduate and postgraduate students. In the upcoming Science Club activities, faculty members from Dr SPM IIIT–Naya Raipur are also expected to visit the college to conduct expert lectures and interact with students, thereby strengthening efforts to promote advanced science and technology learning on campus.

**Government Nagarjuna Postgraduate College of Science, Raipur**  
**National Science Day Celebration- 2025**

**Compendium on Activities**

**Govt. Nagarjuna PG College of Science, Raipur, C.G.**  
**National Science Day – 2025**  
**“Telescopic Observation of Celestial Bodies”**

Date: 8 March 2025

Venue: College Campus

Sponsored by: Chhattisgarh Council of Science & Technology (CCOST), Raipur  
DST, Government of India

Convener: Dr Saroj Sharma

Under the guidance of Principal Dr Amitabh Banerjee

---

### **Introduction**

A special program titled “Telescopic View of Celestial Bodies” was organized at Government Nagarjun P.G. College of Science, Raipur, under the guidance of Principal Dr Amitabh Banerjee and convenorship of Dr Saroj Sharma. The event was sponsored by the Chhattisgarh Council of Science & Technology (CCOST) and supported by NCSTC–DST, Government of India.

The event aimed to cultivate scientific temper among students and to provide them with an opportunity to observe celestial bodies directly through a telescope.

### **Program Highlights**

The expert demonstration was conducted by Dr Chakradhari, a faculty member at the School of Studies in Physics, Pt. Ravishankar Shukla University, Raipur. He explained the working principles of the telescope, the identification of constellations, the motion of planets, the phases of the moon, and the importance of celestial observations.

During the practical session, students observed the rings of Saturn, the moons of Jupiter, and the craters on the Moon through the telescope. The discussion also covered fascinating topics such as galaxies, nebulae, and black holes, enriching students' understanding of the universe.

### **Learning Outcomes**

Students gained valuable knowledge and practical skills, including:

- Handling and focusing a telescope
- Locating stars, planets, and constellations
- Understanding the phases of the Moon and planetary motion
- Exploring advanced astronomical concepts through direct observation

The event encouraged students to develop curiosity in space science and observational astronomy.

### **Organizing Committee**

- **Gunjan Ojha**
- **Omprakash Marawi**
- **Pallavi Sinha**

Their collective efforts, along with the support of the **Science Club**, made the event a great success.

### **Conclusion**

The program concluded with a vote of thanks by **Dr Saroj Sharma (Convenor, Science Club)**, who expressed deep gratitude to **CCOST** for sponsoring the event, to **DrChakradhari** for his expert guidance, and to all team members for their enthusiastic participation.

The event was highly successful in arousing scientific curiosity and offering students an unforgettable experience of exploring the wonders of the night sky.

### **Participants**

Numerous students participated with enthusiasm, including **Pallavi Singh, Isha, Shruti, Swati, and Ruchi**, along with other active members of the Science Club and faculty.

### दूरबीन से देखा खगोलीय पिंडों का रोमांच



रायपुर@पत्रिका साहस कॉलेज में रविवार के खगोल विभाग द्वारा खगोलीय पिंडों का दूरबीन से अवलोकन कार्यक्रम आयोजित किया गया। इसका उद्देश्य छात्रों को दूरबीन के माध्यम से आकाशीय पिंडों को देखने और समझने का व्यावहारिक प्रदान करना था।

नंदकुमार चक्रवर्ती ने दूरबीन के संभालन, नक्षत्रों की पहचान और खगोलीय घटनाओं की जानकारी दी। उन्होंने प्रशंसा की गीत, चंद्रमा के चरण, और गहरे आकाशीय पिंडों के महत्व पर प्रकाश डाला। जैसे ही अवकाश में अंधेरा बढ़ा, छात्रों और शिक्षकों को प्रेरित किया, शनि और तारों के चंद्रमा से देखने का अवसर मिला। शनि के चलय और वृत्तव्यति के चंद्रमा इस कार्यक्रम के मुख्य आकर्षण रहे, जिसने सभी को रोमांचित कर दिया। इसके अलावा, उल्कापिंडों, अक्षरशाखाओं और नीहारिकाओं पर भी चर्चा की गई, जिससे छात्रों की खगोल विज्ञान में रुचि और अधिक बढ़ी।



### खगोलीय पिंडों का दूरबीन से अवलोकन, छात्रों ने की जिज्ञासा शांत

रायपुर, 8 मार्च (इआई) (इआई) खगोल विभाग द्वारा आयोजित कार्यक्रम में प्राचार्य डॉ. आशिषाचरण के निदेशन में विभाग अध्यक्ष तथा एक टेकनोलॉजी और नैनोटेक्नोलॉजी और टेकनोलॉजी केन्द्र के अध्यक्ष (NCSTC) डॉ. प्रमोद कुमार शर्मा ने शनि और तारों के चंद्रमा से देखने का अवसर प्रदान किया। शनि के चलय और वृत्तव्यति के चंद्रमा इस कार्यक्रम के मुख्य आकर्षण रहे, जिसने सभी को रोमांचित कर दिया। इसके अलावा, उल्कापिंडों, अक्षरशाखाओं और नीहारिकाओं पर भी चर्चा की गई, जिससे छात्रों की खगोल विज्ञान में रुचि और अधिक बढ़ी।

प्रमोद कुमार शर्मा ने दूरबीन से देखने का अवसर प्रदान किया। शनि के चलय और वृत्तव्यति के चंद्रमा इस कार्यक्रम के मुख्य आकर्षण रहे, जिसने सभी को रोमांचित कर दिया। इसके अलावा, उल्कापिंडों, अक्षरशाखाओं और नीहारिकाओं पर भी चर्चा की गई, जिससे छात्रों की खगोल विज्ञान में रुचि और अधिक बढ़ी।

रायपुर 10-03-2025

### दूरबीन से स्ट्रैंड्स ने देखा शनि का चलय व आकाशीय पिंड



शनि के चलय और वृत्तव्यति के चंद्रमा इस कार्यक्रम के मुख्य आकर्षण रहे, जिसने सभी को रोमांचित कर दिया। इसके अलावा, उल्कापिंडों, अक्षरशाखाओं और नीहारिकाओं पर भी चर्चा की गई, जिससे छात्रों की खगोल विज्ञान में रुचि और अधिक बढ़ी।



## **Govt. Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025**

Science College Students' Visit to the National Centre for Natural Resources (NCNR)

Date: 20 March 2025

Venue: National Centre for Natural Resources (NCNR), Raipur

Organized by: Science Club, Government Nagarjuna Postgraduate Science College, Raipur

Supported by: Chhattisgarh Council of Science and Technology (CGCOST)

Participants: Approximately 50 students (Departments of Zoology, Botany, and Biotechnology)

---

### **1. Introduction**

As part of the Science Day celebrations, the Science Club of Government Nagarjuna Postgraduate Science College, Raipur, organized an educational visit to the National Centre for Natural Resources (NCNR) on 20 March 2025. Around 50 students from the Zoology, Botany, and Biotechnology Departments participated enthusiastically in the visit. The visit was supported by the Chhattisgarh Council of Science and Technology (CGCOST).

### **2. Objectives**

The primary objective of the visit was to expose students to scientific research and conservation practices related to natural resources, biodiversity, and environmental sustainability.

### **3. Activities and Observations**

During the visit, students were introduced to the research activities of NCNR. They observed laboratory demonstrations related to plant tissue culture, microbial studies, biodiversity documentation, and environmental monitoring. Experts from NCNR explained various research methodologies and discussed the importance of natural resource management.

Students interacted with scientists and research scholars who shared their insights on career opportunities in biological sciences and the role of interdisciplinary research in addressing environmental challenges.

### **4. Outcome**

The visit provided valuable hands-on exposure and strengthened the students' understanding of applied biological sciences. It also inspired them to pursue research-oriented learning and develop a deeper appreciation for biodiversity and conservation.

# NATIONAL SCIENCE DAY CELEBRATION - 2025



## **Govt. Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025**

Science College Students Visit the National Centre for Natural Resources (NCNR)

Date: 22 March 2025

Venue: National Centre for Natural Resources (NCNR), Raipur

Organized by: Science Club, Government Nagarjuna Postgraduate Science College, Raipur

Supported by: Chhattisgarh Council of Science and Technology (CGCOST)

Participants: Approximately 45 students (Departments of Physics, Geology, and Mathematics)

---

### **1. Introduction**

An educational visit to the National Centre for Natural Resources (NCNR) was organized on 22 March 2025 by the Science Club of Government Nagarjuna Postgraduate Science College, Raipur, under the guidance of the faculty members. The program was conducted with the support of the Chhattisgarh Council of Science and Technology (CGCOST). Students from the Physics, Geology, and Mathematics Departments participated in the visit.

### **2. Objectives**

The visit aimed to acquaint students with research techniques, instrumentation, and data analysis methods used in resource exploration, environmental studies, and applied sciences.

### **3. Activities and Observations**

Students were given a comprehensive overview of NCNR's research divisions and their ongoing projects. They learned about geological mapping, soil and mineral testing, environmental monitoring, and data interpretation techniques.

Physics students explored the application of physical principles in scientific instrumentation, while geology students studied rock and mineral analysis. Mathematics students observed the use of statistical and computational tools in modelling scientific data.

### **4. Outcome**

The visit enhanced interdisciplinary understanding among students and helped them connect theoretical knowledge with real-world research applications. It motivated them to pursue scientific curiosity and innovation through collaborative learning.

## Govt. Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025

### Educational Tour Report

Date: 22 March 2025

Venue: Visit to Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur

Organized by: Science Club, Department of Microbiology, Department of Biotechnology, Government Nagarjuna Postgraduate Science College, Raipur

Supported by: Chhattisgarh Council of Science and Technology (CGCOST)

Participants: 45 students (Departments of Microbiology and Biotechnology)

The Departments of Biotechnology and Microbiology, Government Nagarjuna Postgraduate Science College, Raipur, organised an educational tour with the support and catalytic guidance of the Science Club. Approximately 45 students from both departments participated in the tour and gained valuable academic exposure.

The students visited Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur, where they explored various specialised laboratories and research facilities. The tour provided insight into practical applications in agricultural biotechnology, microbiology, plant sciences, and applied research.

#### Faculty Participation :

The tour was supervised by:

Dr. Sadhana Jaiswal, Head, Department of Microbiology

Dr. Sadhana Bhagat, Head, Department of Biotechnology

Mrs. Priti Mehta, Assistant Professor, Microbiology

Mrs. Deepali Rajwade, Assistant Professor, Biotechnology

Their guidance helped the students understand laboratory processes, instrumentation, and research methodologies at IGKV.

#### Observations

Students visited multiple laboratories, such as plant tissue culture, soil science, biotechnology, and microbiology labs. Observed ongoing experiments and standard laboratory techniques.

Interacted with researchers and faculty members to understand project-based work.

Learned about biotechnology and microbiology applications in sustainable agriculture and crop improvement.

#### Outcomes

The educational tour resulted in:

- Strengthened practical understanding of biological sciences.
- Enhanced interest in research and higher education.
- Improved scientific thinking and curiosity among students.
- Exposure to advanced agricultural and biological research facilities.

The tour successfully met its academic objectives and contributed significantly to students' experiential learning.

# NATIONAL SCIENCE DAY CELEBRATION - 2025



**Government Nagarjuna Postgraduate College of Science, Raipur  
National Science Day Celebration- 2025**

**Compendium on Various Competitions  
Report on Quiz Competition**

**Govt. Nagarjuna PG College of Science, Raipur, C.G.**  
**National Science Day – 2025**

**Report on Quiz Competition**

**Topic:-Inventions and Discoveries of India**

**Date:- 22/02/2025**

**Inaugural Ceremony:**

The quiz competition was inaugurated with the lighting of the lamp and a keynote speech by the principal of the institute, Dr Amitabh Banerjee, who highlighted the importance of scientific research and innovation in India's progress. The organizing committee welcomed all participants and encouraged them to actively engage in the competition.

**Introduction:**

On the occasion of celebrating the week of National Science Day 2025, a quiz competition on 'Inventions and Discoveries of India' was organized on February 22, 2025. The objective of this event was to raise awareness among students about India's scientific achievements and to encourage their interest in science and innovation.

**Event Details:**

The competition was held at the E-classroom, with enthusiastic participation from students of various streams. A total of 40 students participated. The quiz was conducted in both English and Hindi, making it accessible to a wider audience.

**Quiz Structure:**

The competition was conducted in multiple rounds, including:

- **Level 1:** A written test of MCQ-based questions, which included photos and voices of famous scientists and personalities.
- **Level 2:** Identification of famous Indian scientists and their discoveries.
- **Level 3:** A quick question-answer session on major Indian scientific advancements, covering in-depth knowledge of India's contributions to various scientific fields.

**Results and Awards:**

The winners of the quiz were:

- **First Prize:** Deepak Patel (M.Sc. 4th Sem)
- **Second Prize:** Anmol Parulkar (BCA 2nd Sem)
- **Third Prize:** Mayank Sahu (M.Sc. 4th Sem)

**Conclusion:**

The quiz competition successfully celebrated India's scientific heritage and inspired students to pursue scientific inquiry. It was a fitting tribute to National Science Day, emphasizing the importance of innovation and discovery in shaping the nation's future.

**Acknowledgments:**

We express our gratitude to the organizing committee, sponsors, and all participants for contributing to the success of this event.

**Conducted by:**

- **Convenor:** Dr Varsha Thakur
- **Member:** Ms Rashmi Priya Toppo



रायपुर, छत्तीसगढ़, भारत



रायपुर, छत्तीसगढ़, भारत



रायपुर, छत्तीसगढ़, भारत  
6jx2+6x4 साइंस कॉलेज गार्डन, Great Eastern Rd, आमनाका, रायपुर,  
छत्तीसगढ़ 492010, भारत



रायपुर, छत्तीसगढ़, भारत

**Report on Presentation Competition**

## **Govt. Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025**

### **Report on Presentation Competition**

#### **Presentation on Innovative Ideas in Education/Environmental Solutions to Local Problems**

The National Science Day is celebrated on the birthday of Nobel Laureate Dr C. V. Raman, on 28 February 2025. To inculcate a scientific temperament, to generate curiosity among students, and to celebrate the spirit of scientific inquiry, Science Day was organized at the Government. Nagarjun PG College of Science, Raipur from 22 to 28 February 2025.

On this occasion, to inspire and motivate the students to apply the knowledge of science, a college-level competition on “Presentations on innovative ideas in Education/Environmental solutions to local problems” was organized. The competition received a good response from the students, with 8 effective presentations being made by students of different departments on problems ranging from diverse areas of education and environment. More than 60 students benefited from the program.

#### **The eight presentations were:**

##### **1. Presentation—Innovative ideas in the environment.**

By Shivam Soni, B.Sc. IV semester, Physics

##### **2. Presentation—Innovative idea in education.**

By Prateek Pandey, M.Sc. II semester, Information Technology.

##### **3. Presentation—Harnessing the potential of healing Mother Earth.**

By Ishan Mahobia and Jeewan Kurre, M.Sc. IV semester, Botany.

##### **4. Presentation: Innovation in Education.**

By Tisha Agwale, M.Sc. II semester, Information Technology.

##### **5. Presentation—Spark it up**

By Mayank Sahu and Ved Prakash, M.Sc. IV semester, Physics.

##### **6. Presentation—Innovative Idea on Environment**

By Nikita Pal, M.Sc. II semester, Information Technology.

##### **7. Presentation—Self-Sustainable Smart Toilet**

By Lokeshwar Sahu, M.Sc. IV semester, Microbiology.

##### **8. Presentation—Conversion of plastic into fuel.**

By Ashutosh Soni, M.Sc. IV semester, Chemistry.

**Result**

**First prize**

**Presentation: Spark it up**

By Mayank Sahu and Ved Prakash, M.Sc. IV Sem., Physics.

**Second Prize-**

**Presentation: Harnessing the potential to heal Mother Earth.**

By Ishan Mahobia and Jeewan Kurre, M.Sc. IV sem., Botany.

**Third Prize-**

**Presentation: Self-Sustainable Smart Toilet**

By Lokeshwar Sahu, M.Sc. IV Sem., Microbiology.

**Consolation prize-**

**Presentation: Innovative Idea in Education.**

By Prateek Pandey, M.Sc. II Sem, Department of Information Technology.

**The presentation-winning awards were felicitated with the prize money.**

**Judgment of the presentation was made by**

Dr Varsha Karanjgaokar, Asst. Professor, Mathematics.

Dr Sunita Patra, Asst. Professor, Botany.

Dr Mrigendra Dwivedi, Asst. Professor, Biochemistry.

**The following were the Organizing Committee Members:**

Dr Sangeeta Bajpai, Asst. Professor, Botany.

Prof. Yogeshwari Pal, Asst. Professor, Information Technology.

# NATIONAL SCIENCE DAY CELEBRATION - 2025



Raipur, Chhattisgarh, India  
6JW2+QXQ, Amanaka, Raipur, Chhattisgarh



Raipur, Chhattisgarh, India



Raipur, Chhattisgarh, India



Raipur, Chhattisgarh, India  
6JW2+QXQ, Amanaka, Raipur, Chhattisgarh 492010, India, Raipur, Chhattisgarh, India

**Report on Poster-Making Competition**

# **Govt. Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025**

## **Report on Poster Making Competition**

### **1. Introduction**

A poster-making competition was held on 25 February 2025 as part of the Science Day Celebration at Government Nagarjuna Postgraduate Science College, Raipur. This event aimed to encourage students to show their creativity and scientific ideas through drawings and posters.

### **2. Event Details**

Event: Poster Making Competition

Date: 25 February 2025

Venue: Government Nagarjuna PG Science College, Raipur

Organized by: Science Club

Organizing Committee: Ms Indu Mendrik and Ms Deepali Rajwade

### **3. Judges**

Ms. Gunjan Ojha

Ms. Preeti Mehta

Dr Diksha Khare

### **4. Evaluation Criteria**

Posters were judged on:

Creativity and originality

Connection with the theme

Neatness and color use

Message and presentation

### **5. Results**

Many students from different classes took part with great interest. The winners were:

First Prize: Lokeshwer Sahu, M.Sc. IV Semester (MB)

Second Prize: Rohit Sahu, B.Sc. VI Semester (CBZ)

Third Prize: Priyanshi Bhardwaj, B.Sc. IV Semester (PCM)

### **6. Observations**

Students made beautiful and meaningful posters. Their ideas were clear and creative. The judges appreciated their hard work and imagination.

### **7. Outcomes**

Students became more interested in science and creativity.

They learned how to present ideas clearly through art.

The event made Science Day more interesting and enjoyable for everyone.

# NATIONAL SCIENCE DAY CELEBRATION - 2025



**Report on Essay Competition**

## **Govt. Nagarjuna PG College of Science, Raipur, C.G.**

### **National Science Day – 2025**

#### **Report on Essay Competition**

**Topic:** *The Empowerment of Indian Youth for Science and Innovation for a Developed India*

#### **Essay Competition Report**

**Event:** Essay Competition (as part of Science Day Celebration)

**Date:** 25 February 2025

**Venue:** Government Nagarjuna Postgraduate Science College, Raipur

**Topic:** “Viksit Bharat keliye Vigyan aur Navacharkeliye Bhartiya Yuvaon ka Sashaktikaran”

(The Empowerment of Indian Youth for Science and Innovation for a Developed India)

**Number of Participants:** 19

---

#### **1. Introduction**

The Essay Competition was organized on the occasion of Science Day to encourage students to express their ideas and opinions through writing. The primary objective was to foster scientific thinking, creativity, and innovation among students while raising awareness of the youth's role in building a developed India.

#### **2. Organizers**

Dr Diksha Khare

Archana Asatkar

#### **3. Judges**

Dr Savita Singh

Dr Sulochana Hablani

Dr Bhuwal S. Thakur

#### **4. Participation**

A total of 19 students from different streams participated enthusiastically in the competition. Each participant presented well-written essays reflecting their understanding of science, innovation, and youth empowerment.

#### **5. Results**

Position Name, Semester & Course

**First Prize:** Kusum Sahu, B.Sc. VI Semester

**Second Prize:** Kamakshi Verma, M.Sc. II Semester

**Third Prize:** Alka Berwa, M.Sc. II Semester

**Third Prize:** Nikita Pandey, BCA II Semester

**Consolation Prize:** Tushar Umate, BCA III Semester

#### **6. Observations**

The students displayed creativity, clarity of thought, and scientific awareness in their essays. The judges appreciated the originality, quality of writing, and relevance to the topic.

#### **7. Outcomes**

Enhanced scientific thinking and writing skills among students.

Encouraged students to think about the role of youth in innovation and nation-building.

Added value to the Science Day celebration by making it interactive and engaging.

**Report on Model Competition**

# Govt. Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025

## Report on Model Competition

### Model Competition Report

Event: Model Competition (as part of Science Day Celebration)

Date: 25 February 2025

Venue: Government Nagarjuna Postgraduate Science College, Raipur

Number of Participants: 9

---

### 1. Introduction

A model competition was organized during the Science Day Celebration to encourage students to demonstrate practical scientific concepts through creative models. The event provided students with an opportunity to showcase their understanding of science and innovation in a hands-on way.

### 2. Organizing Committee

Dr Preeti Mishra

Dr Ravi Kumar Banjare

### 3. Judges

Ms. Indu Mendrik

Dr Diksha Khare

### 4. Models Displayed

The participants prepared models on the following topics:

*Application of Virtual Lab Innovation for Viksit Bharat*

*Irrigenix*

*Animal Husbandry*

*Digestive System*

*Integrated Farming*

*Acid Rain*

*Electrolysis-based Hydrogen Generator*

*Wind Turbine*

*Electrolytic Cell*

## **5. Results**

### First Prize

Kanchan Pandey, Aditya Kumar

B.Sc. VI Semester

### Second Prize

Suresh Sao, Mayank Sahu, Deepak Patel,

Dwarika Prasad, Ved Prakash Sahu

M.Sc. IV Semester

### Third Prize

Shweta Manna Day, Sameer Suryawanshi, Homesh Patel

M.Sc. II Semester

## **6. Observations**

The models were creative, informative, and well-constructed. Students effectively demonstrated an understanding of scientific principles and innovative applications. The judges appreciated the originality, practical understanding, and presentation skills of all participants. The event encouraged hands-on learning and active participation.

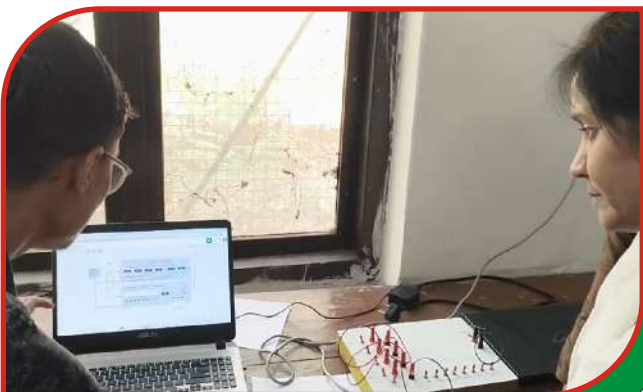
## **7. Outcomes**

Encouraged the practical application of scientific knowledge.

Enhanced teamwork, creativity, and problem-solving skills.

Provided students with an opportunity to showcase innovation and technical understanding.

Added value to the Science Day Celebration by making it interactive and educational.



**Report on Rangoli Competition**

# **Govt. Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025**

## **Report on Rangoli Competition**

Event: Rangoli Competition

Date: 28 February 2025

Venue: Government Nagarjuna Postgraduate Science College, Raipur

Number of Participants: 14

---

### **1. Introduction**

A rangoli competition was organised during the Science Day Celebration with a science-themed challenge. Students created rangoli designs inspired by scientific concepts, innovations, or discoveries, blending art and science. The competition encouraged creativity while promoting awareness of science in a fun and colorful way.

### **2. Organizing Committee**

Preeti Mehta

Kiran Bala Dubey

### **3. Judges**

1. Dr Sanjana Bhagat

2. O. P. Meravi

3. Dr Kritika Jyoti Namdev

### **4. Designs Displayed**

Participants made rangoli designs on topics such as

Solar System and Planets

Renewable Energy (Wind Turbine, Solar Panels)

Human Body and Digestive System

Water Cycle and Acid Rain

Laboratory Experiments

Scientific Innovations and Technology

**5. Results**

First Prize

Kanchan Pandey

B.Sc. V Semester, PCM

Second Prize

Lokeshwar Sahu

M.Sc. IV Semester, Microbiology

Third Prize

Kamakshi Verma

M.Sc. II Semester, Zoology

**6. Observations**

Students showed excellent creativity by combining scientific ideas with traditional rangoli art. The judges appreciated their imagination, color use, and clarity in expressing scientific themes through rangoli patterns. The event was lively and engaging.

**7. Outcomes**

Promoted awareness of science through art.

Encouraged creativity and artistic skills among students.

Helped students understand and visualize scientific concepts in a fun way.

Added a unique and colorful dimension to the Science Day Celebration.

**Prize Distribution Ceremony**

## **Govt. Nagarjuna PG College of Science, Raipur, C.G. National Science Day – 2025**

### **Report on Prize Distribution Ceremony**

Date: 21.11.2025

Venue: E-Class Room

Catalyzed and Supported by: Chhattisgarh Council of Science and Technology (CCOST) and National Council for Science and Technology Communication (NCSTC), DST, Government of India, New Delhi

The Prize Distribution Ceremony was organized under the banner of the Science Club, Government Nagarjuna Postgraduate College of Science, Raipur, to honour the outstanding achievements of students who participated in various science-based competitions conducted during the Science Day activities. These competitions included Quiz, Rangoli, Poster Presentation, Scientific Essay Writing, Model Making, and PowerPoint Presentation.

Prizes were awarded to the winners by Dr Amitabh Banerjee, Principal, and Dr Varsha Karanjgaokar, IQAC Coordinator, whose presence and motivating words inspired students to continue striving for academic and creative excellence.

The programme was coordinated under the guidance of Dr Saroj Sharma, Convener, Science Club. Active support was provided by Science Club Members—Dr. Rashmipriya Toppo, Deepali Rajwade, Dr Kiranbala Dubey, and Dr Pallavi Sinha—who contributed significantly to the smooth organisation of the event.

The proceedings of the ceremony were efficiently conducted by Dr Rekha Nagwanshi, whose clear presentation and effective stage management ensured the smooth execution of the programme.

The Vote of Thanks was formally proposed by Dr Pallavi Sinha, who expressed gratitude to the Principal, IQAC, faculty members, and participating students for making the programme successful. The ceremony concluded with a renewed commitment to promote scientific enthusiasm, student engagement, and academic excellence in forthcoming Science Club activities.

## List of Students Who Secured Positions in Various Competitions

S.No	Name	Class
Model Competition		
1	i Kanchan Pandey ii Aditya Kumar	BSc. VI <sup>th</sup> Sem.
2	i Suresh Sao ii Mayank Sahu iii Deepak Patel iv Dwarika Prasad v Ved Prakash Sahu	MSc IV <sup>th</sup> Sem
3	i Shweta Manna Dey ii Sameer Suryawanshi iii Homesh Patel	MSc II <sup>nd</sup> Sem
Poster Making Competition		
1	Lokeshwer Sahu	MSc IV Sem, MB
2	Rohit Sahu	BSC VI Sem B4, CBZ
3	Priyanshi Bhardwaj	BSC IV Sem , PCM
Essay Competition		
1	Kusum Sahu	BSC VI
2	Kamakshi Verma	MSc II
3	Alka Berwa IIIrd Prize	MSC II
3	Nikita Pandey IIIrd Prize	BCA II
Con	Tushar Umate	BCA III

Quiz	
• <b>First Prize:</b> Deepak Patel	(M.Sc. 4 <sup>th</sup> Sem)
• <b>Second Prize:</b> Anmol Parulkar	(BCA 2 <sup>nd</sup> Sem)
• <b>Third Prize:</b> Mayank Sahu	(M.Sc. 4 <sup>th</sup> Sem)

Presentation	
<b>Spark it up</b>	, M.Sc. IV Sem., Physics.
i Mayank Sahu	
ii Ved Prakash	
<b>Harnessing the potential of heal mother earth.</b>	M.Sc. IV sem., Botany.
I Ishan Mahobia	
ii Jeewan Kurre,	
<b>Self-Sustainable Smart Toilet</b>	, M.Sc. IV Sem., Microbiology.
Lokeshwar Sahu	
<b>Consolation prize- Innovative idea In Education.</b>	M.Sc. II Sem, Department of Information Technology.
Prateek Pandey,	

<b>Rangoli Competition</b>	
Kanchan Pandey	BSc V semester, PCM
Lokeshwar Sahu	MSc IV semester, Microbiology
Kamakshi Verma	MSc II semester Zoology

# NATIONAL SCIENCE DAY CELEBRATION - 2025

