

EVENT – 1

TITLE OF THE EVENT: AZADI KA AMRIT MAHOTSAV HELD ON 17 July 2022

OBJECTIVE OF THE EVENT:

Azadi ka Amrit Mahotsav was celebrated to spread the feeling of patriotism throughout the nation. This event was organized to celebrate and commemorate the 75 years of independent India, to recognize the sacrifices made done by freedom fighters and the achievement of Independent India in the past 75 years

ACTIVITIES :

Under guidance of Dr. Suneeta Patra (Incharge) students gave presentation on the occasion of “Azadi ka Amritmahotsav” and explained our progressive history of 75 years after independence.

OUTCOME :

Students got the knowledge about development of India in past 75 years.

Presenters: Sanjana and Alka.

All the students of M.Sc. Botany were present in this occasion.



EVENT - 2

TITLE OF THE EVENT : GREEN HOUSE CLEANING HELD ON 21 JULY 2022.

OBJECTIVE OF THE EVENT: Green house is designed for the protection of tender or out-of-season plants against excessive cold or heat.

The purpose of cleaning is to provide suitable environment for good plant growth and to beautify our greenhouse.

The Idea behind the green house cleaning activity was to improve the growing environment for plants. By removing the algae, moss and grime to make greenhouse neat and beautiful. It lets in more light and helps control pests and diseases.

ACTIVITIES :

All the students of M.Sc. final with full dedication and effort did the cleaning work and made a healthy and clean environment of Greenhouse which is very necessary for plants to grow and survive.

PARTICIPANTS : M.Sc. Final year Botany students.



EVENT – 3

TITLE OF THE EVENT : NATURE CONSERVATION DAY HELD ON 29 JULY 2022

OBJECTIVE OF THE EVENT :

Nature conservation Day was celebrated on 29 July 2022 to raise awareness among people to protect the environment from various issues of environment pollution, drastic climate changes, green house effect, global warming and to motivate common people of society and communities to actively participate in the conservation of environment .

This event was organized under the guidance of Dr. Suneeta Patra and Dr. Sangeeta Bajpai.

ACTIVITIES :

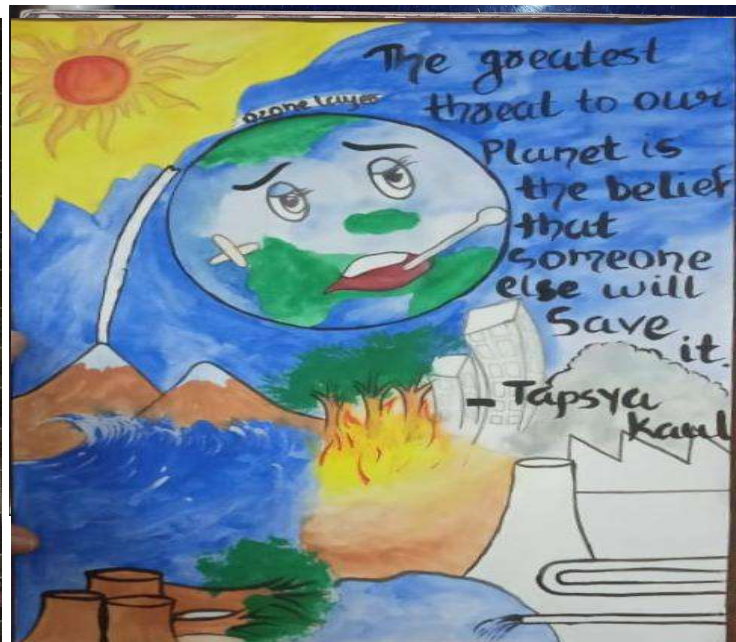
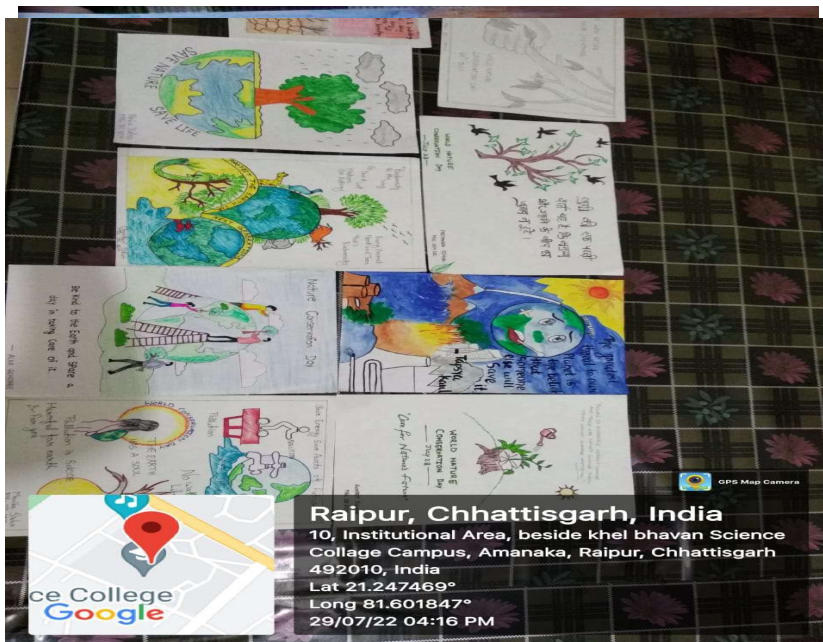
All the students of M.Sc. final year participated in painting competition organized on this occasion and gave their ideas through beautiful paintings.

OUTCOME :

Paintings and drawings are way to give the ideas to conserve our environment as well as the life of our future generations. It helps in providing awareness to protect our planet.

PARTICIPANTS :

Anshu Verma, Sanjana Sahu, Gulshan Verma, Tapsya Kaul, Alka, Sumit, Naveen, Gurucharan, Chandrakanta, Neha, Chandni, Priyanka, Monika.



EVENT - 4

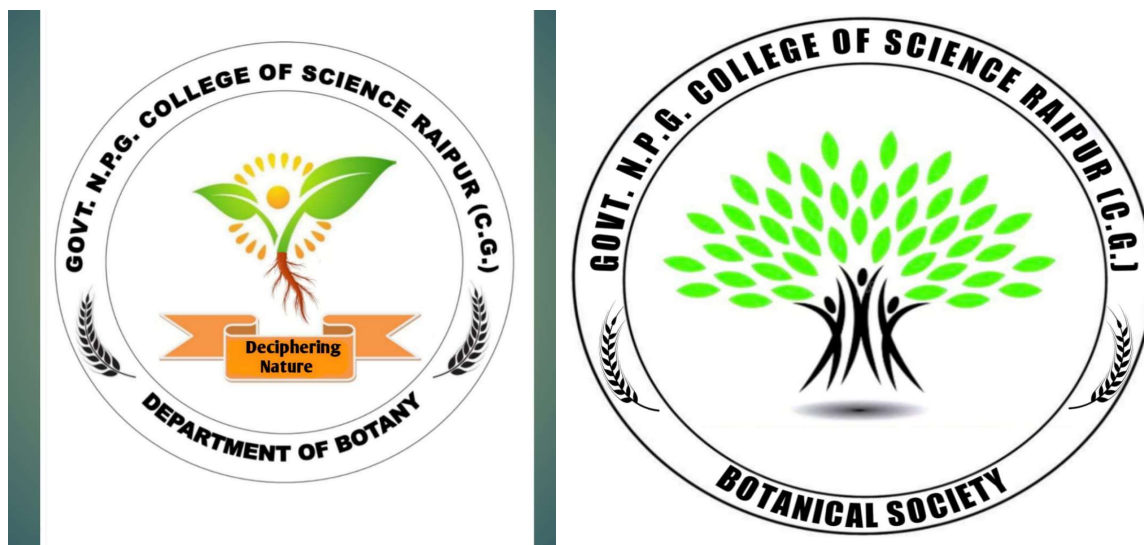
TITLE OF THE EVENT: LOGO DESIGNING HELD ON 20 AUGUST 2022.

OBJECTIVE OF THE EVENT: A logo is an emblem or sign meant for identity. Departmental logo is a sign of identification which one use in different ways. The college is celebrating its diamond jubilee this year therefore new logos were designed to mark the occasion and make the identity of the department.

Activities: Post graduate students of botany department were asked to design logo for Department of Botany and Botanical society. Students participated with great enthusiasm. Both the logos with some modification as per suggestion and approval of faculty members of department was finalized to be used in departmental activities.

PARTICIPANTS: M. Sc 4th semester students participated on this competition.

EVIDENCE:



EVENT - 5

TITLE OF THE EVENT – INDUCTION PROGRAMME - 25 AUGUST 2022”.

OBJECT OF THE EVENT :-

Purpose of student Induction programme is to help students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the department, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self exploration.

ACTIVITIES :- On this day students and teachers introduced themselves. The students were made aware of curriculum and the facilities the institution is having. They shared their experiences which can help students to take decisions in their life.

- **OUTCOME:-** It enables students to understand and have better relationship with the faculty members . Its creates comfortable environment to the newly admitted students to approach faculty mentor when facing any academic, financial and psychological problems. The students learnt about policies, processes, practices culture and values and of the department.

EVIDENCE :-

DEPARTMENT OF BOTANY 2022-23



EVENT- 6

TITLE OF THE EVENT - Teachers day celebration held on 5th September 2022.

OBJECTIVE OF THE EVENT - In India, National Teachers Day is celebrated on September 5, to mark the birth anniversary of the country's second President Dr. Sarvepalli Radhakrishnan. Students all over the country pay respect and tribute to their teachers.

ACTIVITIES- On 5th of September different events were held.

1. Welcome song.
2. Poetry recitation.
3. Games.
4. Gift distribution.

OUTCOME- Teachers play an important role in the development of any country. Teachers' Day is a reminder of the role that teachers play in nation-building by guiding and educating the brightest minds of our country.

PARTICIPANTS-

Garima, Monika , Jyoti , Jaishree ,Neha , Chandni, Alka , Shailja , Naveen , Tapsya , Sumeet , Shailendra , Tej , Gurcharan, Avendra , Ayushi, Anshu ,Sanjana , Chandrakanta , Priyanka , Vishnu , Gulshan , Bhagyawan.



EVENT – 7

TITLE OF THE EVENT: “Dry decorative craft making competition” on 16th September 2022

OBJECTIVE OF THE EVENT: To develop creativeness and aesthetic value among students, craft making competition from dry plant parts was organized.

ACTIVITIES: All the interested students participated in dry decorative craft making competition.

OUTCOME: By organizing such events students can explore their creativeness & innovative ideas. Dry decoration items give aesthetic value to the classroom

PARTICIPANTS: MSc -3rd and MSc – 1st semester

WINNERS: 1. Aman Sharma
2. Jyoti and Deepika Sahu
3. Naveen Kumar and Rajeshwari

EVIDENCE



EVENT- 8

TITLE OF THE EVENT- 'Self composed poetry competition on Ozone day' - 16th September 2022.

Objective - to spread awareness among people about the depletion of Ozone Layer and find possible solutions to preserve it.

ACTIVITIES- Self composed poetry competition was organized on this occasion

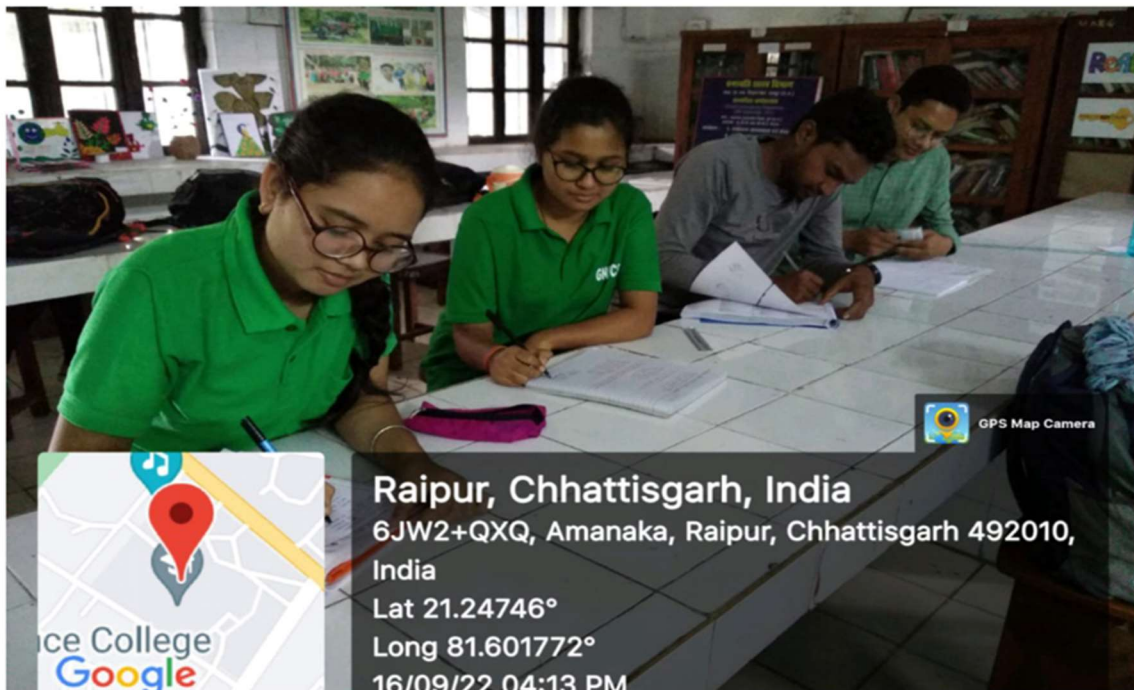
OUTCOME-Ozone Day is celebrated to commemorate the signing of the Montreal Protocol. This milestone led to a collaboration between 24 countries to protect the ozone layer and fight substances that threaten it. On September 16, 2009, the Montreal Protocol became one of the first treaties to receive universal ratification. This day is celebrated to make people aware to save ozone to give our generations the protection we were born with.

PARTICIPANTS- Tapsya Kaul

Gulshan Verma

Priyanka Sinha

EVIDENCE-



ओजोन हमारा कवच

ओजोन है हमारा सुरक्षा कवच,
फिर भी है ,मुझे एक अचरज
क्यों है ,जरूरी इसे बचाना
कोई मुझे ज़रा ये बतलाना ।

आओ तुमको मैं बतलाऊं,
सच से तुम्हें रूबरू करवाऊं,
समताप मंडल पर है ,एक परत
जो करती पराबैगनी से नफ़रत
इसे न धरती आने देती ,
जीवों पर जुल्म न ढाने देती ।

पर क्यों हो रहा इसका विघटन,
क्या हम ही हैं, इसका कारण
फ्रिज और ए. सी. लगते भले हैं
cfc ,hcfc, हैलोकार्बन ये छोड़ते है,
उद्योगो ने भी , कसर न छोड़ी
इसने भी ओजोन क्षरण हेतु उत्पाद हैं छोड़े
क्लोरीन,ब्रोमिन हैं वो तत्व
जो करते ओजोन को खत्म ।

आओ मिलकर हाथ बढ़ाएं ,
हमारी कवच को अब हम बचाएं
ऐसे उपकरण न उपयोग करेंगे ,
जो ओजोन को विघटित करेंगे ।

- तपस्या कौल
एम. एस.सी. III सेम

धरा ने सारा भार धरा हैं,
जल जीवन की सच्चाई हैं!
जब सींचें धरा धन-धान्य भर दे....,
जो रूठे तो प्रलय विकराल दिखाई हैं!!

जहाँ ऋषि-मुनियों ने था ज्ञान पाया,
आज उन वनों को हम काट रहे!
कट रही हैं वृक्षों की शाखाएं....,
या हम अपनी ही शाखाएं हैं काट रहे!!

मनुष्यों का स्वभाव यही है,
हैं अपनी ही जड़े काटे जा रहे!
कभी जन्नत सी धरा थे सींचते जो,
आज जन्नत के लोभ में....,हैं गांव छोड़ के जा रहे!!

कभी फ़सल लहलहाते देखे थे मैंने,
आज वहां धुएं के काला साये हैं!
बीमारियों से घिरे कहते हैं मानव....,
हमने क्या ग़ज़ब विकास कमायें हैं!!

जहाँ स्वास्थ्य ही नहीं होगा,
उस जीवन का भी क्या अर्थ है!
जो Earth का ही अर्थ न समझें....,

वो मानव भी तो व्यर्थ हैं!!

प्रकृति से प्रेम कर, प्रकृति ही जीवन का सार हैं!

यहां थल हैं, जल हैं, प्राणवायु हैं...,

यही जीवन का आधार हैं!!

-Gulshan Verma

M.Sc. III sem.

EVENT -9

TITLE OF THE EVENT :-VISIT AGRI CARNIVAL

DATE OF THE EVENT:-14-18 OCTOBER 2022

OBJECTIVE OF THE EVENT :- Indira Gandhi Krishi Vishwavidyalaya is the leading institute in the field of agriculture research, education and extension activities. This institute is serves farmers for productivity, profitability, livelihood enhancement and diversification of agriculture in the state of Chhattisgarh.

ACTIVITIES:-Students attended in Agri carnival held from 14-18 October and got the latest information and researches going on in the field of agriculture.

OUTCOME:-International agriculture served a common platform to exchange ideas, technologies and research work done in the field of agriculture.

PARTICIPANTS:-M.Sc 3rd semester and M.Sc1st semester students visited in this agri carnival:- 1) Priyanka Sinha 2) Tapsya koul 3) Aman satyendra Sharma 4) Sumanlata tirkey 5) Deepika sahu 6) Devkumari

EVIDENCE:



EVENT – 10

TITLE OF THE EVENT : DIABETE'S DAY HELD ON 14th NOVEMBER 2022

OBJECTIVE OF THE EVENT: 14th November is the world Diabetes Day established in 1991 by the International Diabetes Federation with support from WHO in response to growing concerns about the health and economic threat posed by diabetes. World Diabetes Day became an official UN day in 2006.

Activities of the event : All the interested students participated in Essay Writing held on 15th November 2022.

Outcome: All the students got knowledge about the diabetes it' causes and precautionary measures.

Participants: Students of M.Sc. Botany.



EVENT- 11

TITLE OF THE EVENT :- INVITED LECTURE ON INTELLECTUAL PROPERTY RIGHTS HELD ON 24th NOVEMBER 2022

OBJECTIVE OF THE EVENT:-To raise awareness among students about their innovation and how to safeguard their creation in this competitive world.

ACTIVITIES:-

Guest lecture of Dr. Priya Rao (Professor) Pt.RSU Raipur was organised on IPR for students to know their way around Intellectual Property Rights, as the focus on innovation, research and creation is increasing, it is extremely important to foster a creative and innovative spirit among students.

On this occasion Dr. P.C. Choubey (Principal) and Dr. Avinash Sharma shared their knowledge and experiences.

OUTCOME :-

Students learnt about the ways in which they can safeguard their creations, giving them a competitive edge over their peers. They also gain knowledge about different forms of protection rights like geographic identification, copyrights, patents, trademarks, and trade secrets.

PARTICIPANTS :-

Students of MSc 2nd and MSc 4th Semester were present in this occasion.

EVIDENCE :-



EVENT -12

TITLE OF THE EVENT: PLANTATION HELD ON 23rd OF JANUARY 2023 and 3rd APRIL 2023

OBJECTIVE OF THE EVENT: The purpose of tree plantation is to save the environment and conserve biodiversity. Trees are valuable gifts of nature and every effort should be made to conserve and plan trees. Planting trees is mandatory to maintain the balance of the ecosystem.

ACTIVITIES: All the P.G. students participated in plantation.

OUTCOME: Tree plantation is very necessary because trees provide oxygen to the environment and make the air quality better. If more trees are planted, then the world's environment will become a safer place to live in. Tree plantation also reduces pollution, thus making the life of future generations secure.

PARTICIPANTS: M.Sc. IV Semester

Avendra, Sumeet, Alka, Naveen, Priyanka, Gulshan, Monika, Garima.





EVENT – 13

TITLE OF THE EVENT : REPUBLIC DAY “ 26TH JANUARY 2023

OBJECTIVE OF THE EVENT :

Republic Day was celebrated with very pride and enthusiasm in the college and Institution. Republic Day is one of three Indian national holidays and it commemorates the enactment of the constitution of India, which occurred on January 26, 1950.

ACTIVITIES :

On January 26, at 8 am, the flag was hoisted in the college premises by the principal sir Dr. P.C. Chaubey. Our professors also told us about the freedom fighters, freedom battle and our brave martyrs who had sacrifice their life for our Nation. Students gave speeches and sang patriotic songs.

OUTCOME :

Republic Day signifies the right spirit of Independent India. The students learn about the different customs, traditions, and festivals of different states, and understand how they all come together to make India a unique and diverse country. Another important aspect that students learn from is the importance of national defence and security.

EVIDENCE:



DEPARTMENT OF BOTANY (EVENT 14)
GOVT. NAGARJUNA PG COLLEGE OF SCIENCE, RAIPUR
A REPORT ON
NATIONAL SEMINAR ON CURRENT TRENDS & PROSPECTS IN
BOTANY

Department of Botany Govt. NPG College of Science organized a two days National Seminar on **“Current Trends and Prospects in Botany”** on 16th & 17th February, 2023. The seminar was inaugurated by Honorable Dr. K.L. Verma, Vice Chancellor of Pt. Ravishankar Shukla University, Raipur (C.G.), Special Guest in this Inauguration Function was Honorable Mr. Arun Kumar Pandey, IFS, Member Secretary, State Biodiversity Board, Chhattisgarh. The function was presided by Honorable Dr. P.C. Choubey, Principal, Govt. NPG College of Science, Raipur (C.G.). A Souvenir was released during the inauguration session.

Immediately after inauguration ceremony Keynote address was delivered by Dr.L.B. Choudhary, Ex Chief Scientist from National Botanical Research Institute (NBRI), Lucknow (UP) on Biodiversity and Sustainable Development. The keynote address was followed by the first technical session in which there were two Resource persons Dr.Sudhir Kumar Pandey, Assistant Professor, Guru Ghasidas University, Bilaspur delivered an invited talk on Current Trends in Phytomonitoring of Air borne particulate matter and their Phytoremediation. It was followed by an invited lecture of Dr. S.K. Jadhav Professor, SoS in Biotechnology, Pt. Ravishankar Shukla University, Raipur (C.G.) on Fungal Diversity. The session was chaired by Dr. K.K. Sahu, Prof. & Head, SoS in Biotechnology Pt. Ravishankar Shukla University, Raipur (C.G.) & Dr. Awadhesh Kumar Shrivastava, Assistant Professor of Botany From Govt. College, Utai (Bhilai).

In second technical session Dr. D.K. Shrivastava, HOD, Microbiology, Govt. ERRPG Science College, Bilaspur spoke on Diversity of Cyanobacteria as potential option for Environment Sustainability. The session was chaired by Dr. Priti Tiwari, Principal, Govt. College Birgaon and Dr. Rekha Pimpalgaonkar, Ex.Prof. & Head of Botany of our College.

After a lunch break in third session Dr. T Srinivasu Ex.Professor and Head RTM University Nagpur delivered a lecture on Electronic Herbarium. A novel technology for digital database preparation of Angiospermic plants of Maharashtra followed by a lecture given by Dr. Satish Verulkar Professor, Department of Plant Molecular Biology & Biotechnology, IGKV Raipur on micro RNA and CRISPR techniques. The chairperson in this session were Dr.Prakash Kaur Saluja from Govt. DBPG Girls College Raipur and Dr. Pragya Kulkarni from Government VYTPG College Durg. Technical session fourth was a session for oral and poster presentations. Dr.Avinash Kumar Sharma and Dr. Vaibhav Acharya were chairpersons for oral presentations .

Dr.Smruti Chakravarty Prof. & Head of Botany, Govt. JY Chhattisgarh College Raipur and Dr.Priti Shrivastava Head of Botany Department, Govt. Radhabai Navin Kanya Mahavidyalaya were chairpersons for poster presentation.

On 17.02.2023 Fifth technical session began with oral presentation. It was chaired by Dr. J.N. Verma Professor and Head of Botany Government DBPG Girls College Raipur and Dr. S.K. Verma Assistant Professor from Government JY Chhattisgarh College, Raipur. In sixth technical session Dr. D.K.Kapgate Former Head of Botany department JN Patel College Bhandara (Maharashtra) delivered in a wonderful lecture on Palaeovegetation and environmental analysis of intertrappean beds of central India. Dr. Avinash Kumar Sharma and Dr Bhavna Pandey were the chairpersons for this session.

In seventh technical session Dr.M.P. Thakur Dean, College of Agriculture Bemetara spoke on Mushroom Diversity. Dr Aarti Guhe from IGKVV Raipur and Dr. Kavita Sharma from Government Arts, Science and Commerce College Devendra Nagar Raipur were the chairpersons. In eighth technical session Dr. M.L. Naik Ex. Professor and Head SoS in Life Science Pt. Ravi Shankar Shukla University delivered a lecture on Carbon Sequestration and Ecosystem Services. This session was chaired by Dr. Veenapani Dubey and Dr. Rekha Pimplgaonkar. In technical session ninth Dr.Veenapani Dubey Ex. HOD of Botany CMD College Bilaspur spoke on Weed management in rice for sustainable food security in Chhattisgarh. The session was chaired by Dr. Vaibhav Acharya from Govt. DBPG Girls College , Raipur and Dr. Shriram Kunjam from Government VYTPG College Durg. The tenth session was of oral presentation which was chaired by Dr.Prateeksha Pandey HOD of Botany Bhilai Mahila Mahavidyalaya and Dr. Govardhan Thakur from Government VYTPG College Durg.

In the Valedictory function Dr.M.L. Naik was the Chief guest and Dr. Amit Dubey Senior Scientist Chhattisgarh Council of Science and Technology Raipur was special guest. Dr.P.C. Panda retired Professor of Botany from Government VYTPG College Durg also shared the dias as a special guest. Dr.P.C. Choubey Principal of our college presided over this session. The programme was conducted by Dr. Suneeta Patra. Altogether 155 research papers and posters were presented in this national seminar. The seminar ended successfully with the recitation of national anthem.

Organising secretary

Dr. V.K. Kanungo

Dr.Suneeta Patra

Organising Committee

Dr. Diksha Khare

Dr Kritika Jyoti Namdev

Shri O.P. Meravi

Miss Renuka Sinha

Shri Jagmohan Sahu

Patron

Dr. P.C.Chaubey

Convener

Dr. R Diwan

Co-convenor

Dr. Sangeeta Bajpai

Dr. N.B. Singh

Dr. R.Diwan

Prof.& Head of Department



EVENT – 15

TITLE OF THE EVENT: Visit of school children to the museum of Botany department on 22-02-23

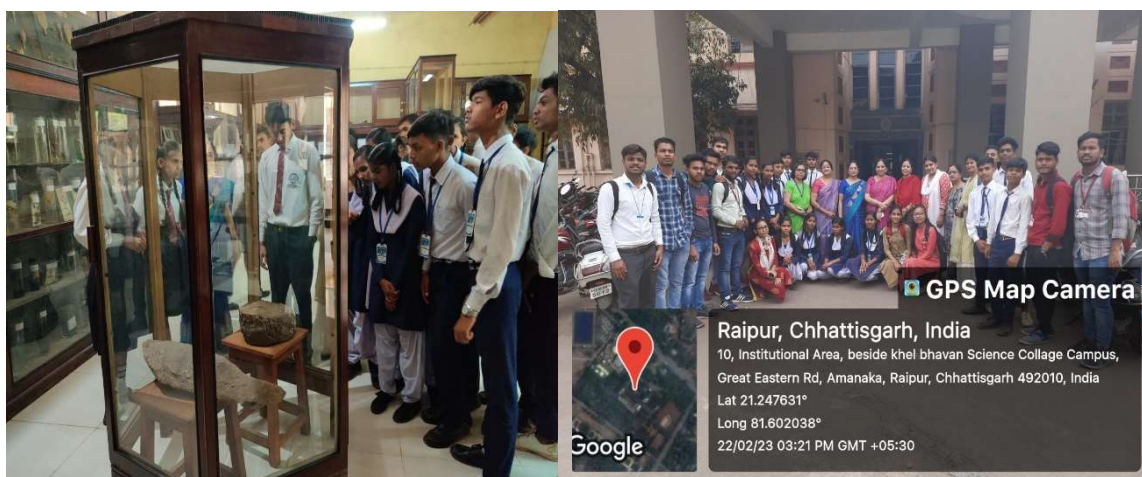
OBJECTIVE OF THE EVENT: To familiarize students with experimental apparatus, the scientific method, and methods of data analysis so that they will have some idea of the inductive process by which the ideas were originated. To teach how to make careful experimental observations and how to think about and draw conclusions from such data.

ACTIVITIES: School children of Vindhya public School Raipur and Govt. H. S. School Boriyakala, Dharsiwa, Raipur visited museum of Botany department and gained information about fossils and other plant specimens.

OUTCOME: Museums are centres filled with information designed to enlighten and educate the curious mind. Especially for children, museums introduce them to unknown worlds, spark their imagination and provide them with valuable learning experiences. Students got knowledge about fossils and other specimens in the Museum of Botany department.

PARTICIPANTS: Students from M.Sc. IV Sem. and M.Sc. II sem. explained the fossil and other plant specimens displayed in the Museum of Botany department.

EVIDENCE :-



EVENT – 16

TITLE OF THE EVENT: “SCIENCE DAY” HELD ON 28 FEBRUARY 2023.

OBJECTIVE OF THE EVENT: India celebrates National Science Day on February 28 every year to mark the contributions of scientists towards the development of the country. On this day, in 1928, Indian Physicists Sir C.V. Raman made an important discovery in the field of spectroscopy, which was later named after him - the Raman Effect. National Science Day is celebrated to spread a message and to popularize science in the daily life.

Students actively participated in the model making competition held on 28th February 2023. Guest lecture on the topic “Contribution of Biotechnology towards food security under drought condition” was delivered by Dr. K. K. Sahu on 24 February 2023 as a part of Science Day celebration.

OUTCOME: National Science Day ignite an interest in science, inspire people, especially students, to perform new experiments, and make them aware of the latest developments in science and technology. Students gain knowledge about the role of biotechnology in crop improvement.

PARTICIPANTS:

M.Sc 2nd and M.Sc. 4th year all students participated in this competition.

EVIDENCE:



EVENT – 17

TITLE OF THE EVENT: World water Day celebration on 22 March 2023.

JECTIVE OF THE EVENT: Water Day is celebrated to raise awareness and inspires action to tackle the water and sanitation crisis. This year theme of water day was -Accelerating change. World Water Day 2023 is about accelerating change to solve the water and sanitation crisis.

ACTIVITIES: - The post graduate students of Botany department were asked to geo tagged photographs of the water around their surroundings. The photographs were displayed in the display board of the department.

OUTCOME: Billions of people still don't have safe water & toilets. This activity made students sensitize do something to accelerate change so that every individual can get safe water. They can do this as an individual or on behalf of an organization.

PARTICIPANTS: post graduate students of Botany department

EVENT – 18

TITLE OF THE EVENT: Celebration of world Heritage Day on 18-4-2023.

OBJECTIVE OF THE EVENT: World Heritage Day, also known as International Day for Monuments and Sites, is observed every year on April 18th to raise awareness about the importance of protecting cultural heritage and to celebrate the diversity of the world's heritage. In 2023 the event falls on Tuesday, 18 April 2023.

ACTIVITIES: - Students celebrated world heritage by gathering information about ancient monuments of historical and mythological importance of Chhattisgarh state. They displayed the photographs and shared information about it.

OUTCOME: The students got knowledge about the monuments and sites of historic importance of Chhattisgarh.

PARTICIPANTS: Post graduate students of Botany department.

EVIDENCE;-



EVENT – 19

TITLE - Celebration of world earth day on 22-04-2023

OBJECTIVE- World Earth Day is an important reminder of the interconnectedness of all living things and the urgent need to take action to protect our planet. Earth Day, observed every April 22, is a worldwide annual event that serves to increase environmental awareness and inspire individuals to take action in protecting our planet. The World Earth Day theme 2023 is "Invest Our Planet".

ACTIVITY- On the occasion of World earth day students and faculty members were to submit geo tagged photographs of their home garden.

PARTICIPANTS - Faculty members and students of the college.

OUTCOME-The goal of World Earth Day is to remind humankind to protect and preserve the earth and its species for the benefit of future generations. The activity was done to sensitize faculties and students as to how much they are concerned about their planet and what are their contributions towards Earth.

EVIDENCES -



