



Rajeev Gandhi Govt. P.G. College, Ambikapur, Surguja, Chhattisgarh

Department of Zoology



Departmental Activities Report

Rajeev Gandhi Govt. P.G. College, Ambikapur, Chhattisgarh

Department of Zoology

Academic Activities

Session	Date of Events	Type of events (Cultural/ Academic/ Technical)	Name of the events
2023-24	17.02.2024	Academic	Science and Technology Exhibition-NSD-2024
	23.09.2023	Academic	Invited talk on-“Millets produced in India and their nutritional values”
2022-23	27.04.2023	Academic	World Laboratory Animal Day and World DNA Day
	28.02.2023	Academic	National Science Day-2023
2021-22	28.02.2022- 05.03.2022	Academic	National Science Day-2022
	03.03.2022	Academic	World Wildlife Day
	31.01.2022	Academic	Discussion on “ A conceptual framework for understanding interdisciplinary perceptive of biodiversity conservation”



Head
Department of Zoology

Rajeev Gandhi Govt. P.G. College, Ambikapur, Sarguja, Chhattisgarh

Department of Zoology

National Science Day Celebration (NSD)-2024

Science and Technology Exhibition-17/02/2024

ORGANIZING COMMITTEE

Patron

Dr Rizwan Ullah Principal

Convener

Dr. S. K. Shrivastava,
Prof and Head, Department of Physics

Co-Conveners

Mrs. Saroj Tirkey, HOD Chemistry
Dr. Jermina Tirkey, HOD Zoology
Dr. Sangeeta Pandey, HOD Mathematics
Dr M.K. Maurya Asstt Prof Physics
Ms. Monika Xess, HOD Computer Sc
Mr Chetan Kumar HOD Comp App
Ms Anjuja Kujur Asstt Prof. Botany
Mrs Kiran Minz Asstt Prof. Physics

Program Schedule

S. N.	Name of Activity	Date	Conducting Department
1	Science Talk	09/02/2024	Department of Mathematics
2	Science and Technology Quiz	12/02/2024	Department of Physics
3	Science Project making competition	15/02/2024	Department of Botany
4	Science and Technology Exhibition	17/02/2024	Department of Zoology
5	Screening of Scientific Film	19/02/2024	Department of Com Science
6	Vigyan Utsav and Science Day Celebration	28/02/2024	Department of Chemistry

S. K. Shrivastava
Head of Physics Deptt.
Govt Postgraduate College
Ambikapur, C. G.



In the series of events of National Science Day-2024, on 17.02.2024 exhibition on science and technology was organised by Department of Zoology, Rajeev Gandhi Govt. P.G. College. Prof. Rizwan Ulla, Principal Rajeev Gandhi Govt. P. G. College, Ambikapur, graced the occasion as chief guest. Dr. Jermina Tirkey, HOD of Zoology, delivered welcome address and expressed her view on theme and importance of celebration. NSD is meant for emphasizing the role of science in national development and for showcasing the country's achievements in science and technology. The theme of National Science Day celebration of this year is, "Indigenous technologies for Viksit Bharat". The phrase 'Indigenous Technology' literally means technological knowledge and skills used by indigenous people to meet their need. The Department of Science and Technology, India with this theme aims to focus on promoting public appreciation for science, technology and innovation, and accomplishment of Indian scientists to address challenges through home-grown technologies for overall well-being.



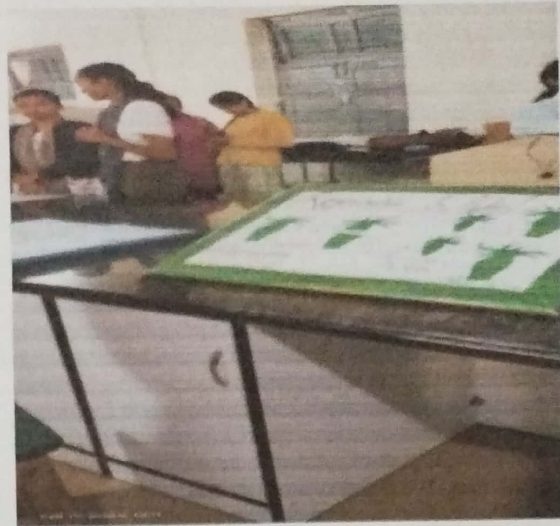
Prof. S. K. Srivastava, HOD of Physics, R.G.G.P.G. College, addressed as convener of NSD-2024. He expressed his view on traditional technology used in the field of agriculture and

medication. Chhattisgarh tribes carries rich heritage of traditional knowledge of uses of herbs as medicine. Such knowledge could be used in the development of drug. IQAC-coordinator Dr. Anil Kumar Sinha also share his views. He said that how rural technology could help in development of nation. Students and faculty of different Departments of college have participated in this exhibition programme. Smt. Saroj Tirkey, Dr. Rameshwari Banjara, Mr. Sandeep Kumar Kushwaha, Smt. Shashikala Sanmani from Chemistry Department, Dr. Umesh Kumar Pandey and Dr. Vijaylaxmi Shastri from Hindi Department, Ms. Monika Xess from CS Department, Smt. Kiran Minz from Physics, Mr. Rajeev Kumar from Sanskrit Department were present in the inauguration of exhibition. Dr. Kavita Krishnamoorti, Smt. Girija Singh and Ms. Mohini Tiwari of Department of Zoology coordinated the overall programme very well.

The main attraction of this exhibition was various kinds of models displayed by our students. Around 25 Students of B.Sc. and M.Sc. have participated in this exhibition competition. Panel of judges were made to screen the best three models. Dr. Rameshwari Banjara, Asst. Professor, Chemistry Department, Ms. Anuja Kujur, Asst. Professor, Botany Department and Ms. Monika Xess, Asst. Professor, CS Department were in panel of judges.



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Above photographs shows faculty visiting models and participants explaining about it.

Participants and winners were recognised with certificate of appreciation on 28.02.2024.



Above photographs show students of zoology department of M.Sc. IVth Sem. who were recipient of certificate of appreciation and participation. They were namely, Shreya Mishra, Shreya Singh, Mahima, Bhumika Keshari, Anshu Paikara, Komal.

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National Science Day Celebration

06 -28 February 2024

Theme

Indigenous Technologies for Viksit Bharat

Catalysed and Supported by



Chhattisgarh Council of Science and
Technology Raipur C.G.

And

NCSTC, DST, Govt. Of India, New Delhi



Organised by

Department of Physics and Electronics
Rajeev Gandhi Government Post Graduate College
Ambikapur Sarguja Chhattisgarh

H.O.D. (Zoology)
Rajeev Gandhi Govt. P.G. College
Ambikapur, Sarguja (C.G.)

राजीव गांधी शासकीय स्नातकोत्तर महाविद्यालय अम्बिकापुर (छ.ग.)

प्राणी शास्त्र विभाग

सूचना

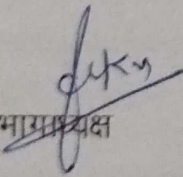
आयुक्त उच्च शिक्षा छत्तीसगढ़ शासन के निर्देशानुसार महाविद्यालय में आयोजित होने वाले व्याख्यानमाला अंतर्गत दिनांक 23 सितम्बर 2023 को 11:00 बजे महाविद्यालय के प्राणीशास्त्र विभाग द्वारा व्याख्यानमाला आयोजित की गई है।

व्याख्यान महाविद्यालय के प्राणीशास्त्र विभाग के प्रयोगशाला कक्ष में समय 11:00 बजे आयोजित की जाएगी।

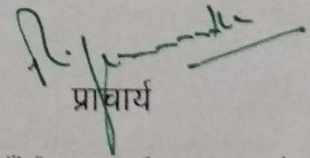
व्याख्यान का विषय – भारत में उत्पादित मोटे अनाज के पोषक तत्वों का महत्व ।

उक्त विषय पर वाह्य विशेषज्ञों, विभाग के प्राध्यापकों के साथ-साथ स्नातकोत्तर के विद्यार्थी समूहों द्वारा भी प्रासंगिक विषय पर व्याख्यान प्रस्तुत किया जाएगा।

महाविद्यालय के समस्त प्राध्यापकों एवं छात्रों से अनुरोध है कि उक्त व्याख्यानमाला में उपस्थित होने का कष्ट करें।


विभागाध्यक्ष

प्राणीशास्त्र विभाग


प्राचार्य

राजीव गाँधी शासकीय स्नातकोत्तर
महाविद्यालय अम्बिकापुर

Rajeev Gandhi Govt. P.G. College, Ambikapur, Sarguja, C.G.

Department of Zoology

Lecture Series in celebration of International year of Millets-2023

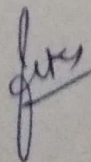
Invited talk on “Millets produced in India and their nutritional values”

dated 23.09.2023

Department of Zoology, Rajeev Gandhi Govt. P.G. College has organised an invited talk on “Millets produced in India and their nutritional values” dated 23.09.2023 in the series of lectures organised in Rajeev Gandhi Govt. P.G. College as per the order of higher education department of Chhattisgarh. As we know, Millets have been an integral part of our diet for centuries. In addition to a plethora of health benefits, millets are also good for the environment with low water & input requirement. With the aim to create awareness and increase production and consumption of millets, United Nations, at the behest of Govt. of India, declared 2023 the international year of millets. Dr. Rizwan Ulla, Principal, Rajeev Gandhi Govt. P.G. College was the Chief Guest of the programme. Dr. Azen Toppo, Asst. Prof. Home Science, Govt. Rajmohini Devi Girls College, Ambikapur was present in programme as Invited Guest and Chief Speaker.

Dr. Jermina Tirkey HOD Zoology delivered formal welcome address and share her view on millets uses and its nutritional values. Dr. Rizwan Ulla addressed to audience and mentioned that millets are considered as “Shree Anna” that means millets are supreme grains. Dr. Azen Toppo, Chief speaker delivered elaborative lecture about millets produced in Chhattisgarh with respective nutritional value. She mentioned some important millet like jwar, bajara, ragi, kondo, kurki, sava etc and their health benefits.

Students of Zoology Department also participated actively. Students of zoology department of M.Sc.I Sem. presented model of millet world. Moreover, Kajal, Madhu, Vishal, Rajeev students of M.Sc.Ist Sem. and Pratiksha, Bhumika, Shreya Pathak, Vandana Yadav students of M.Sc. IIIrd Sem. shared their views.



Faculties from other departments of the college were also attended the programme and shared their views too. Dr. Mamta Garg; HOD History, Dr. Pratibha Singh; HOD Sociology, Ms. Deepika Swarnkar; Asst. Prof. Geography; Ms. Mohini Tiwari of Zoology Department, graced the occasion with their presence. The programme is coordinated by Dr. Kavita Krishnamoorti and Smt. Girijia Singh and Concluded by Smt. Deepika Toppo, Asst. Prof. of Zoology Department.



View of event- lamp lightening before goddess of knowledge Maa Saraswati

Deepika



View of event -Dr. Kavita Krishnamoorti, Asst. Prof. Zoology; welcoming chaired persons- Principal Dr. Rizwan Ulla, Invited Guest and Key Speaker Dr. Azen Toppo, and HOD Zoology Jermia Tirkey



View of event- Dr. Azen Toppo delivering Lecture



View of Event-Smt. Girija Singh, Asst. Prof. Zoology, Coordinating the programme



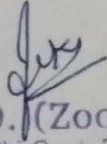
View of event- Audience of programme



View of event- Ms. Bhumi Keshari M.Sc. IIIrd Sem. Student sharing her view



View of event-Smt. Deepika Toppo, Asst. Prof. Zoology, concluding the session and proposing vote of thanks


H.O.D. (Zoology)
Rajeev Gandhi Govt. P.G. College
Ambikapur, Durguja (C.G.)

सूचना

26/4/2023

प्राणीशास्त्र विभाग के सभी छात्र-छात्राओं को सूचित किया जाता है कि दिनांक 24 April 2023 - 'World Laboratory Animal Day' एवं 25 April 2023 - 'World DNA Day' के अवसर पर कल दिनांक 27/04/2023 को समय 11:30AM पर कार्यक्रम आयोजित है। उक्त कार्यक्रम के लिए उच्चक छात्र विषय से सम्बन्धित वक्तव्य एवं Animal models की प्रस्तुति करेंगे।

निम्न Animal models जिसका उपयोग प्राणी शास्त्र की विभिन्न पहलुओं को समझने में किया गया है, आप मॉडल (Clay, Thermocol, poster) तैयार कर सकते हैं -

1. Albino rat, Fish (eg. Zebra Fish), Frog, Xenopus, Calotes, Pigeon, Fowl, chick - etc (Vertebrates model)
2. Cell lines, Hydra, Fruit-fly (Drosophila), Chironomus, Cockroach, Prawn, Pila, Earthworm, Sea urchin, etc. (Invertebrate model organisms)

[Signature]
विभागाध्यक्ष 26/4/2023
प्राणीशास्त्र

आदेशानुसार प्राचार्य

Rajeev Gandhi Govt P.G.College Ambikapur

Department of Zoology

World Laboratory Animal Day and World DNA Day Celebration 27/04/2023



World Laboratory Animal Day and World DNA Day was organized by department of Zoology, Rajeev Gandhi Govt. P.G. College Ambikapur on 27/04/2023. The objective of this programme is to develop sense of empathy for laboratory animal and to think about other options which can be used to understand the subject. World DNA Day celebration is very special this year because it has been 7 decade of the discovery of DNA and two decades in the completion of human Genome Project.

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In this programme Dr. Rizwan Ullah addressed as Chief guest. He shared his view on this subject.. Dr .Jermina Tirkey, HOD. Zoology gave welcome address, Faculty of other department of this college also participated and shared their opinions on the concerned topic. Students participated actively and also shared their ideas, views and made Models of Laboratory animal.

JZ
H.O.D. (Zoology)
Rajeev Gandhi Govt. PG College
Ambikapur, Surguja (C.G.)



Rajive Gandhi Govt.P.G.College Ambikapur

National Science Day

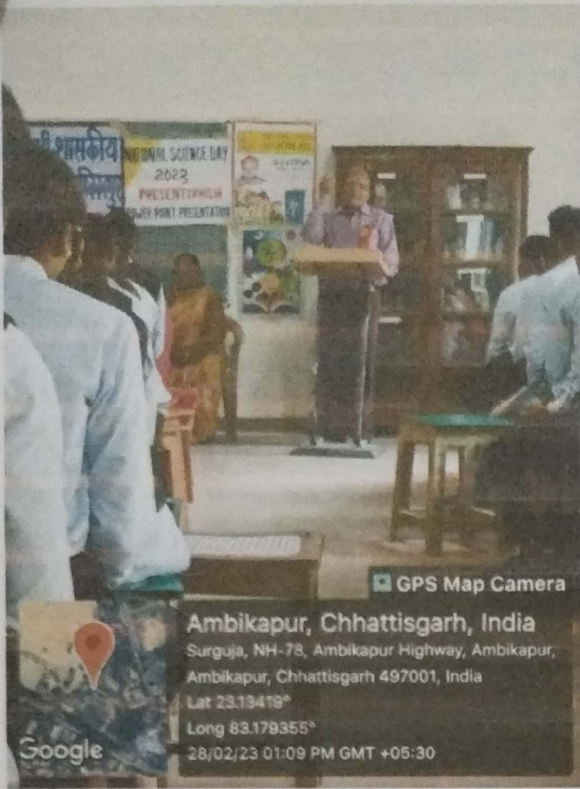
Date-28/02/2023



Department of Zoology , Rajiv Gandhi Govt. P. G. College Ambikapur celebrated National Science Day on 28/02/2023. National science day is celebrated every year on 28th February in recognition of C.V. Raman was awarded the Nobel Prize in physics for his discovery of the Raman effect.

In this programme faculty of different departments of Rajiv Gandhi Govt. P. G. College has participated Professor S.K. Srivastawa Incharge Principal addressed as chief guest on this occasion. Dr. H. D. Mahar faculties of Botany department of this college expressed his thoughts and do motivated students toward science on this day, H.O.D. Dr. Jermina Tirkey gave welcome address Dr. Kavita Krishnamurti concluded this programs and gave vote of thanks.

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Students of Undergraduate and Post graduate discipline of this college and department actively participated. Anshu Kushwaha, Bhumika Keshri students of M.Sc Zoology Semester I and, Neha Khare III semester also shared their views on this occasion.

H.O.D. (Zoology)
Rajeev Gandhi Govt. P.G. College
Ambikapur, Surguja (C.G.)

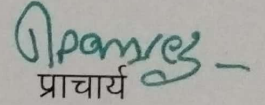
आवश्यक सूचना

महाविद्यालय के समस्त विभागाध्यक्षों को सूचित किया जाता है कि दिनांक 28.02.2022 दिन-सोमवार को अपरान्ह 12.30 बजे ऑडिटोरियम में 'राष्ट्रीय विज्ञान दिवस' के उपलक्ष्य में विविध कार्यक्रम का आयोजन किया जा रहा है।

उक्त कार्यक्रम के आयोजन हेतु अपने विभाग के समस्त सहायक प्राध्यापक एवं छात्र-छात्राओं को नियत समय से 30 मिनट पूर्व ऑडिटोरियम में उपस्थित कराना सुनिश्चित करें।

कार्यक्रम विवरण

01. पोस्टर प्रतियोगिता (विज्ञान से संबंधित)
02. निबंध लेखन प्रतियोगिता (विषय- 'डॉ. सी.वी. रमन का विज्ञान के क्षेत्र में योगदान')
03. रंगोली प्रतियोगिता (विज्ञान से संबंधित)



प्राचार्य

रा.गां.शास. स्नातकोत्तर महाविद्यालय
अम्बिकापुर, जिला-सरगुजा

RAJEEV GANDHI GOVT. P.G. COLLEGE AMBIKAPUR

On the occasion of

'NATIONAL SCIENCE DAY 2022'

DEPARTMENT OF ZOOLOGY

PRESENTS

ZOOMANIA

Dr. R.K.S.Baghel (Co-ordinator)

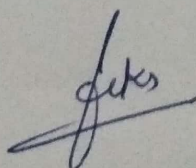
Dr.Smt.Jermina Tirkey (Convener)

Dr.R.Parvez (Patron & Principal)

EVENT SCHEDULE

DATE	EVENT	STUDENT ORGANIZER	CO-CORDINATOR
28/02/2022	Quiz-A-Holic (Quiz)	Neha Khare	Smt.Deepika Toppo
01/03/2022	Zool-Minds (Essay)	Kalpna Dixit	Mohini Tiwari
02/03/2022	Zoo-graphy (Photography)	Huma Anjum	Vikas Bhagat
03/03/2022	Presentophilia (PowerPoint Presentation)	Tanu shree Chaurasiya	Smt.Deepika Toppo
04/03/2022	Paintastic (Art)	Tarang Manjari	Mohini Tiwari
05/03/2022	War of Words (Debate)	Gulshan Patel	Vikas Bhagat

Venue: Evaluation of all the activities will take place in Zoology Lab.



01. QUIZ-A-HOLIC (Quiz-Event)

THEME : ANIMAL DIVERSITY

Its time to gear up and be ready with your knowledge because we are bringing for you a quiz event which names "QUIZIEE"

JUDGING CRITERIA :

Participants with maximum points will be the winners.

02. ZOOL-MINDS (Essay)

THEME : ENVIRONMENTAL BIOLOGY & WILD FAUNA

TOPICS :

- (1) Wild Life Conservation
- (2) Global Warming and climate change
- (3) Impact of pollution on living beings

03. ZOO-GRAPHY (Animal Photography)

THEME : ARTHROPOD AND AVIAN DIVERSITY

Awaken the lensman in you to click some amazing and beautiful animals around you because all the world is a laboratory to the enquiring mind .

Participants need to submit only 1 photograph of above group animals by them. Participants are required to mention the animal name. A Write up and a title describing in 100 words. Basic editing includes colour enhancement, use of filter provided any such editing should not affect the originality or genuineness of the photo.

JUDGING CRITERIA: Artistic value . Title . Concept . Writeup . Overall representation of the photo or video.

04. PRESENTOPHILIA (PowerPoint Presentation)

TOPICS: Endocrinology and Physiology

It's time to show your skills how you present yourself and how you show confidence while giving your presentation.

JUDGEMENT CRITERIA:

Concept, writeup, structure of animation, overall presentation

05. PAINTASTIC (Art)

THEME: Evolution of Man

Art is being creative and expressive whereas Zoology relates to life. So here is an opportunity to bring these two together and give life to your art.

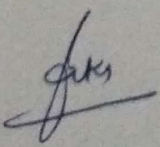
JUDGING CRITERIA: Relevance to the theme ,creativity, innovative ,overall presentation

06. WAR OF WORDS (Debate)

Theme- Genetically Modified Organisms : Issues & Challenges
Lets come and share your opinions and counter your opinions against others and show your confidence while sharing your thoughts.

JUDGING CRITERIA:

Diction , speech, arguments, organization, clarity



RAJIV GANDHI GOVT. POST GRADUATE COLLEGE AMBIKAPUR

A REPORT ON CELEBRATION OF NSD 2022

AS *ZOOMANIA* BY

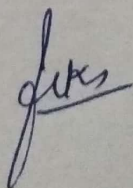
DEPARTMENT OF ZOOLOGY

Celebration of ZOOMANIA Week from Feb 28 to 5th March 2022

On the occasion of National Science Day, Department of Zoology conducted Science day celebrations as Zoo mania week from 28th February to 5th March 2022. In to which a week long activities took place at Zoology Lab which included competitions like Quiz-A-Holic(Quiz), Zool Minds(Essay) Zoography(Photography), Presentophilia(Power Point Presentation) Paintastic(Art) and War of words(Debate) Special talks were arranged. Students of Zoology department participated actively in the events with great enthusiasm.

Science day celebrations started with the inaugural session on 28th Feb 2022 with the lighting of the lamp and paying homage to Sir C.V.Raman. A number of students and science faculty of our college attended the gathering. Head department of Zoology Dr.(Smt) Jermina Tirkey presided over the session and gave a brief introduction about the significance of celebrating National Science Day on 28th February. The Co-ordinator of the National Science day celebrations Dr.R.K.S.Baghel announced the schedule of the events for Zoomania week to be conducted from 28th to 5th of March 2022 and it was announced that National Science day celebrations are being catalyzed by IQAC of the college. The department is thankful for their encouragement.

On 28th Feb 2022 Quiz-A-Holic(Quiz) was conducted for both seniors and junior categories and students from other disciplines also participated with great zeal and enthusiasm.





A view of actively participated students in Quiz competition

On 01 March 2022 Zool Minds(Essay) writing competition was conducted for M.Sc 1st and 3rd Semesters . 40 students participated in the essay writing competition.



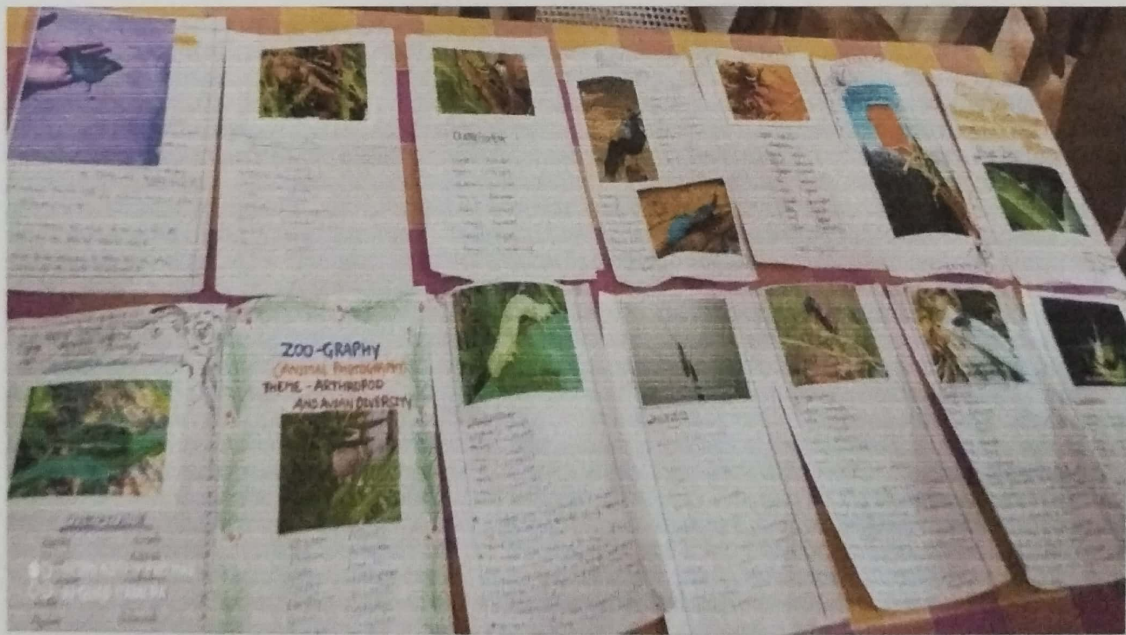
A view of participants of Essay competition

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On 2nd March 2022 Zoography(Photography) competition was conducted for M.Sc 1st and 3rd Semesters. 55 students participated in the Photography competition.



Participants of zoo photography with photographs and teachers after evaluation



A view of some selected zoo photographs taken by students

JKS

On 3rd March 2022 Presentophilia(Power Point Presentation) competition was conducted for M.Sc 1st and 3rd Semesters .25 students participated in the Power Point Presentation competition.

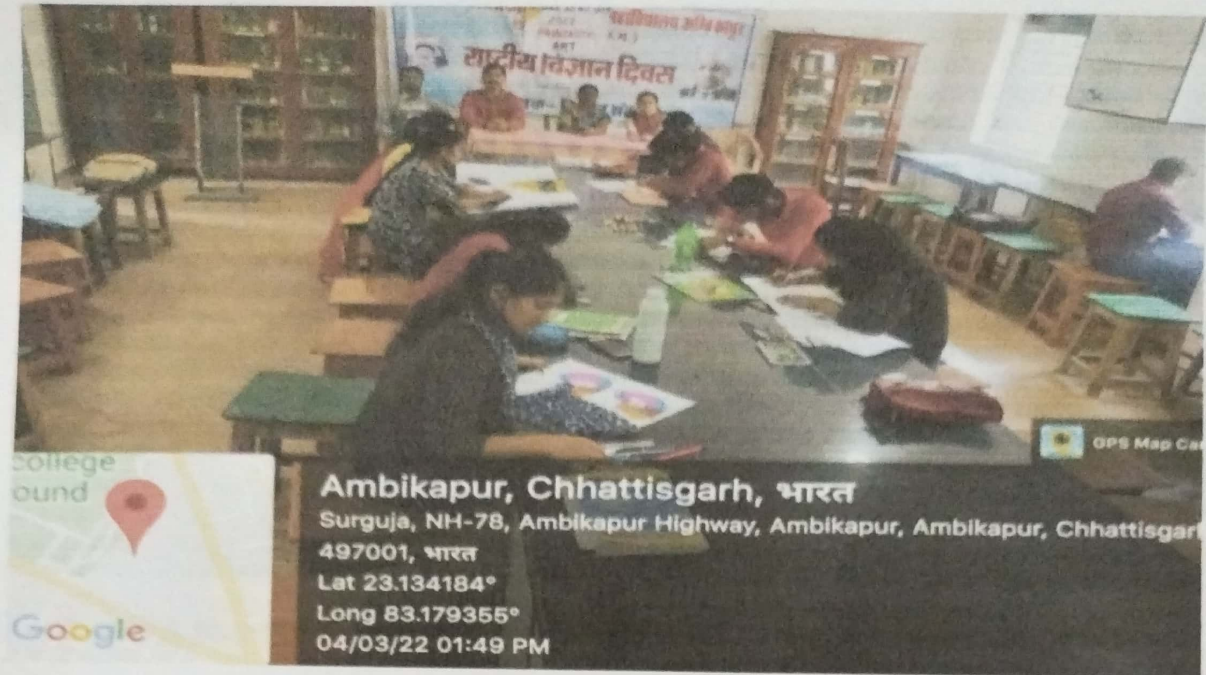


Power point presentation by Neha khare M.Sc.1st Sem Student

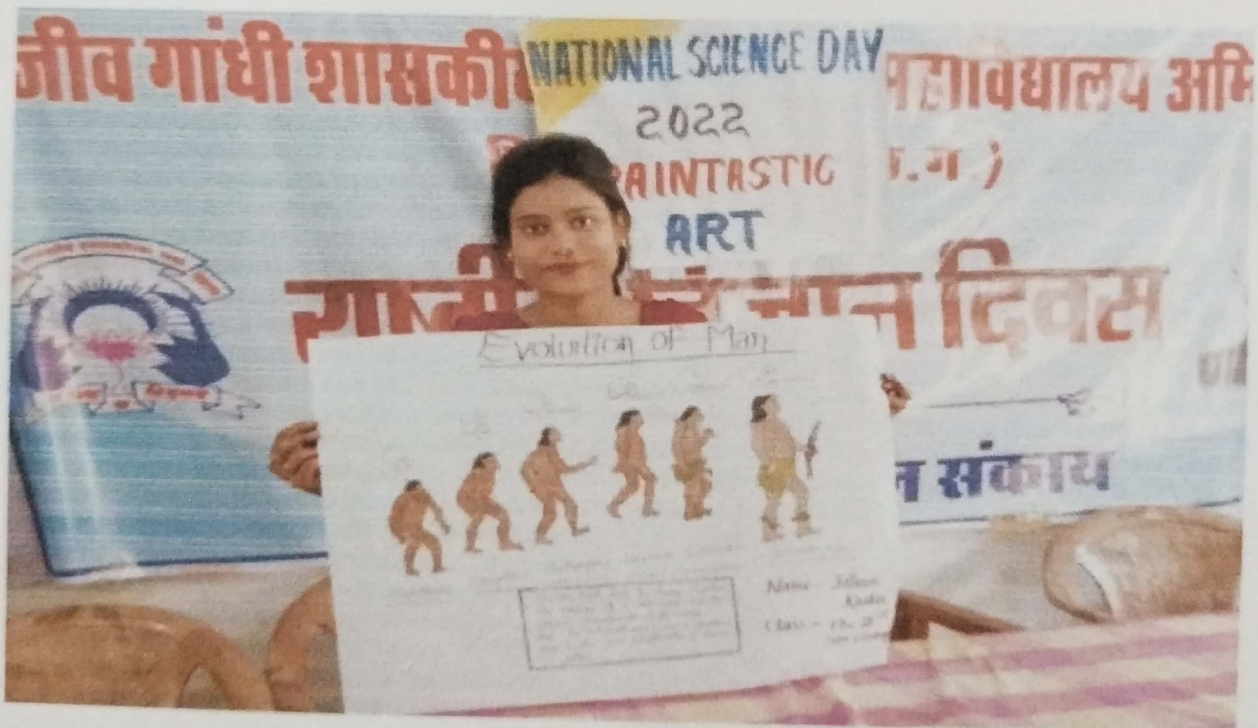


A view of participants during power point presentation

On 4th March 2022 Paintastic(Art) competition was conducted for M.Sc 1st and 3rd Semesters.45 students participated in the painting competition.



A view of Paintastic (Painting competition)



Jainab Khaton Student of M.Sc.3rd Sem. Showing their art

Jainab



Dr. R.K.S. Baghel interacted with students during evaluation of painting

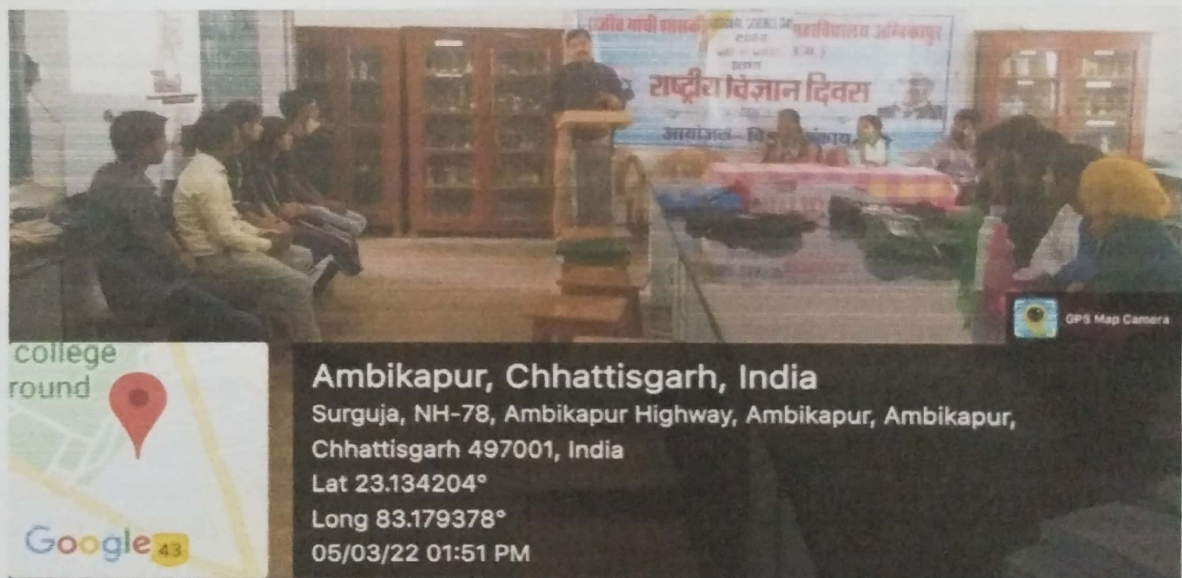
On 5th March 2022 War of words (Debate) competition was conducted for M.Sc 1st and 3rd Semesters. 15 students participated in the debate competition.



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A view of participants during War of words (Debate)competition



Concluding remarks given by Dr.R.K.S.Baghel on end of the Zoomania week

There was enthusiastic participation for all the competitions from the students as well as the teachers. Principal Dr.Rasheeda Parvez and IQAC Cordinator Dr.R.P.Singh and other faculty members of our College appreciated the best of the activities planned and timely executed by the organizing committee headed by Dr.(Smt) Jermina Tirkey and also congratulated the staff and students for the grand success in conducting the science day celebrations. Medals were distributed to the winners by the head of the department. The grand success of this Zoo mania week for science day celebrations is due to the active role played by the organizing committee members and the team work of the ever supporting staff and students of this college.

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RAJIV GANDHI POST GRADUATE COLLEGE AMBIKAPUR C.G.

A REPORT ON "WORLD WILDLIFE DAY" WORKSHOP Conducted by

DEPARTMENT OF ZOOLOGY

Dated- 03 March 2022

Theme 'Recovering key species for ecosystem restoration'



1. Guest speaker - 'Dr. Ajen Toppo'-
Assistant Professor, Department of Homo Science
Rajmohi Devi Govt. P.G. College Ambikapur C.G.
2. Organising Chairperson – Dr. Jermina Tirkey
Assistant Professor, Department of Zoology

Total no. of students attended (Offline mode): 50 (M.Sc. Zoology)

Total no. of faculty attended: 06

World wildlife day is a day to celebrate the world's wildlife and raise awareness of the importance of conservation. It's also a day to recognize the need to fight wildlife crime and the reduction of species.

In 2022, the theme was 'Recovering key species for ecosystem restoration. 'The theme for 2022 seeks to raise awareness of the critically endangered species of flora and fauna in our ecosystems, with a view to generating and implementing workable solutions to conserve them.

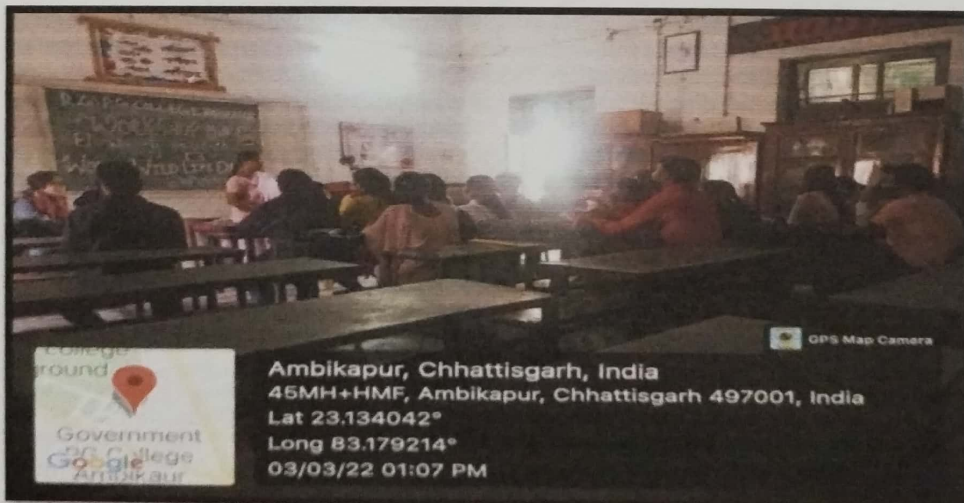
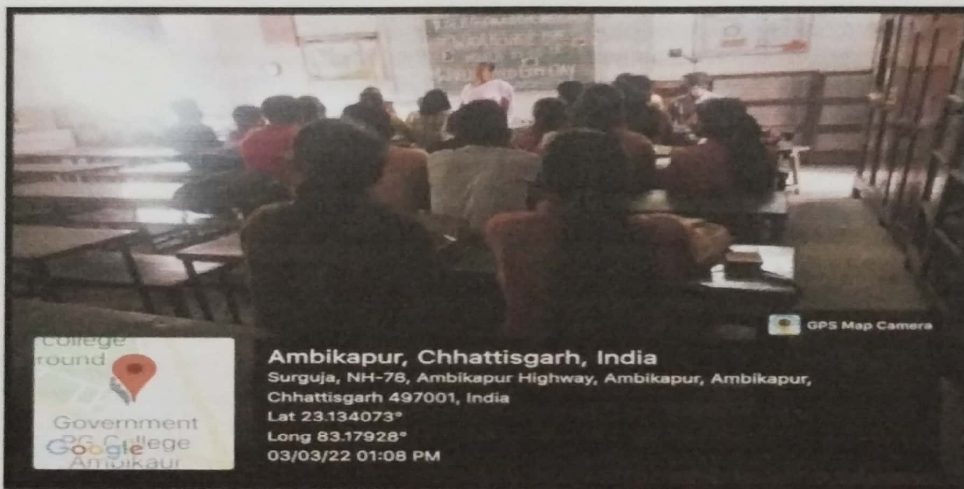
It is an opportunity to celebrate beautiful varied forms of wild fauna. It is also observed to raise awareness to conserve them. This day has become one of the most important global annual events dedicated to wildlife. This is to drive the discussion towards imagining and implementing solutions to conserve wildlife around more than 8000 species of wild fauna and flora are endangered and close to 30,000 more are known to be on the verge of getting extinct or vulnerable. It is also estimated that around a million species are said to be extinct.

Importance of Wildlife

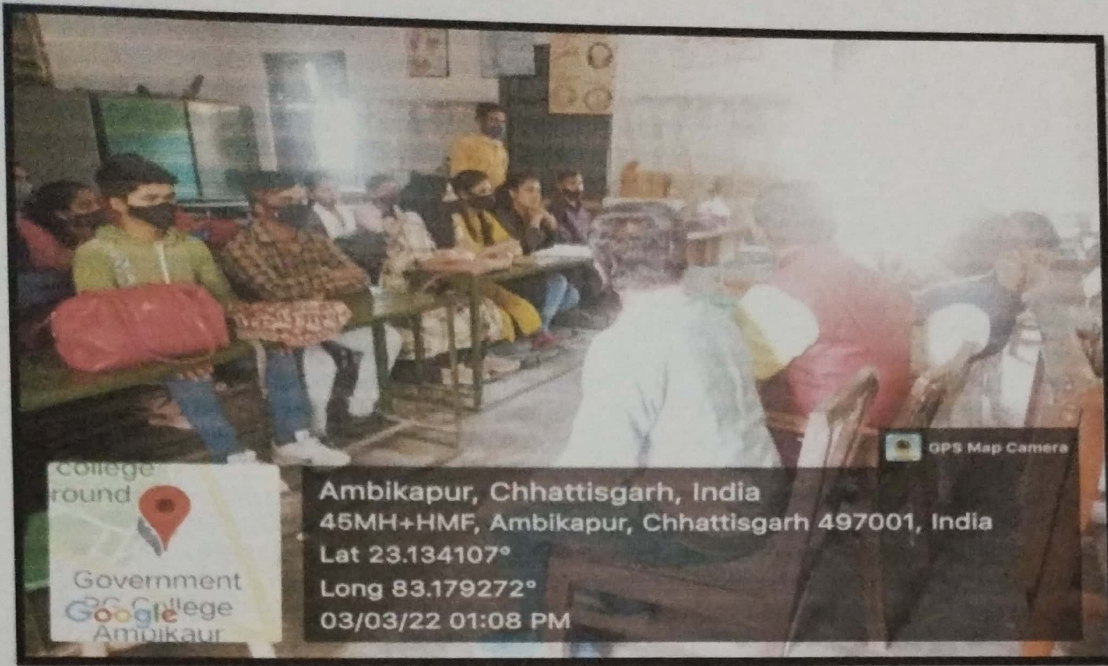
Wildlife Awareness is an important and interesting subject of study. Wild Animals and forests form part of the vital natural resources of a country and as such, all the components of

Forests are categorized under Wildlife. From time immemorial forest resources have been a source of human sustenance. They are home to the most amazing herbs, medicinal compounds, natural cosmetics etc. Forests and Wild Life go together since forests serve as a home for wildlife. Wildlife also figures prominently in aboriginal art, legend, and ceremony. Seasonal migrations of wildlife species have communal ritual values for people.

To celebrate World Wildlife Day, launched on March 3 by the United Nations in 1973 to boost up the level of knowledge, help raise awareness about how people benefit from “fauna and flora,” our Department of Zoology made an attempt by conducting a workshop on March 3, 2022. Dr. Ajen Toppo (Guest speaker) has elaborated the importance of wildlife to the attendees and also dealt with the strategies of conservation that can be made to ensure the protection of wildlife flora & fauna and prevent them from extinction in future. At the end of the workshop, students gave their feedback, and explained how they were benefitted.



Jety



[Signature]
H.O.D. (Zoology)
Rajeev Gandhi Govt. P.G. College
Ambikapur, Surguja (C.G.)

Department of Zoology, Rajeev Gandhi Govt.P.G.College Ambikapur

Regarding ISF: An interdisciplinary discussion on “A conceptual framework for understanding interdisciplinary perspectives of Biodiversity conservation”

Department of Zoology, is organizing an interdisciplinary discussion on “A conceptual framework for understanding interdisciplinary perspectives of Biodiversity conservation” in accordance with college notification no.810/IQAC dated 21-12-2021. There is widespread recognition of the importance of working across disciplinary boundaries to address major intellectual and societal issues at present time especially in relation to conservation. Biodiversity conservation is not only concern with the preservation and management of species and habitats but also with understanding the complex web of ecosystem functions and how these underpin and interact with sustainable human development, whether in ‘natural’ or ‘managed’ (agricultural, forest, fishery) systems. This requires insights that emerge from a wide range of disciplinary and interdisciplinary perspectives. Keeping in view the above premise, Botany, Geography, and Zoology departments has chosen for the January 2022 discussion the above issue. The interdisciplinary discussion mainly focuses on creating understanding and finding solutions – in relation to the fundamental science of biodiversity change, the human activities that drive the loss of living diversity, and considering conservation itself as a highly complex set of ideas and practices.

Date of Academic Meeting-31/01/2022

Time:1.00PM

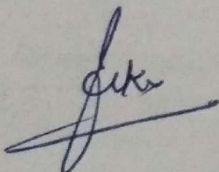
Venue-Zoology Lab

EXPECTED CONTRIBUTIONS OF THE DEPARTMENTS

To promote a transparent discussion and broaden our understanding the interdisciplinary knowledge on the above issue the comprising ISFBGZ group aiming to:

- 1.Zoology:Presentation of Biodiversity conservation insight the knowledge of disciplines
- 2.Botany:Presentation of Biodiversity conservation insight the knowledge of subject.
- 3.Geography:Enrichment of the knowledge how biodiversity conservation concern with livelihoods and climatic change.

Expected outcome of the discussion: A clear understanding of the academic components involved.

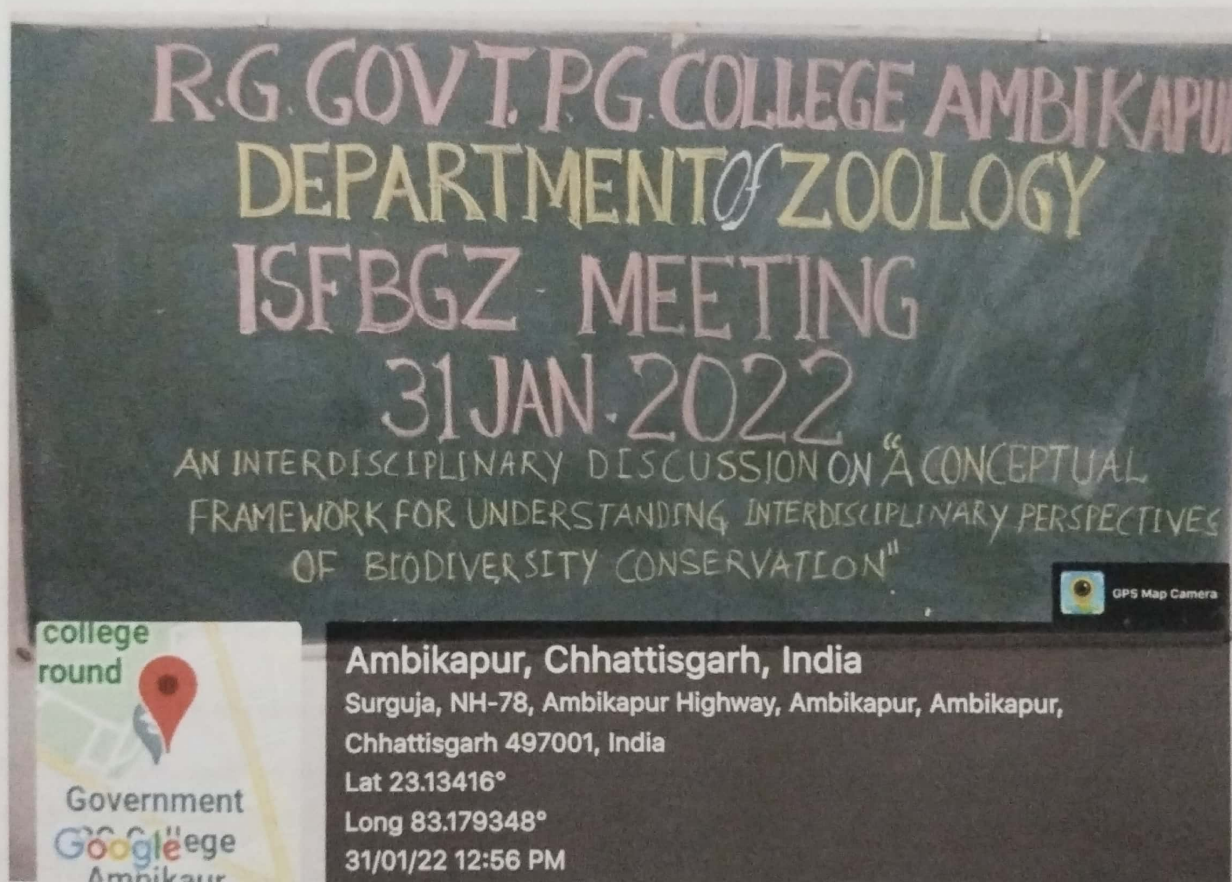


REPORT ON INTERDISCIPLINARY STUDY FORUM FOR BOTANY,GEOGRAPHY AND ZOOLOGY
GROUP(ISFBGZ)

An interdisciplinary discussion on "A conceptual framework for understanding interdisciplinary perspectives of Biodiversity conservation"

ON 31 JANUARY 2022

Department of Zoology Rajeev Gandhi Govt.PG College Ambikapur,organized an interdisciplinary discussion on "A conceptual framework for understanding interdisciplinary perspectives of Biodiversity conservation" on January 31,2022 in Zoology Lab. The interdisciplinary discussion mainly. focused on creating understanding and finding solutions – in relation to the fundamental science of biodiversity change, the human activities that drive the loss of living diversity, and considering conservation itself as a highly complex set of ideas and practices.The discussion started at 1.00 pm.The faculty members on the dias were Prof..Rizwan Ulla (HOD.Botany) Dr.H.D.Mahar,Dr.(Smt.)Jermina Tirkey (HOD Zoology) Asst.Prof.(Zool.)Smt.Deepika Toppo,Dr.R.K.S.Baghel and Asst.Prof.(Geography) Miss.Deepika Swarnkar.



Opening remarks and discussion was initiated through the presentation of Dr.(Smt)Jermina Tirkey.she presented an overview of current status of Biodiversity conservation and extinction of animal species (on the basis of various research reports)insight the knowledge of zoological discipline.

JTK



Dr.(Smt)Jermina Tirkey giving the opening remarks for the Interdisciplinary discussion

Prof.Rizwan Ulla spoke on plant biodiversity and ecosystem.He presented scientific research results over the past decade demonstrating that biodiversity loss leads to decrease in plant productivity,water quality and ecosystem stability.



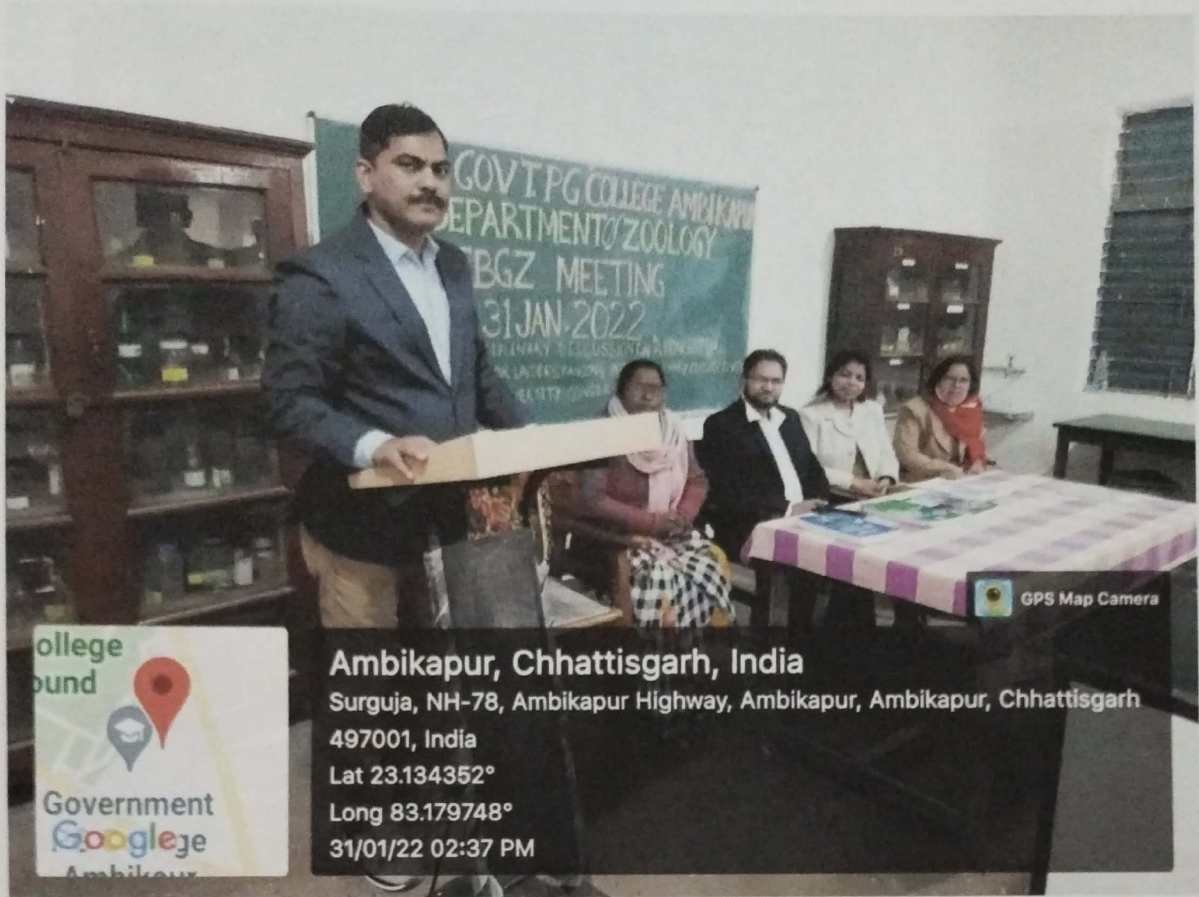
Prof. Rizwan Ulla giving his presentation for Interdisciplinary discussion

Miss Deepika Swarnkar spoke on climate change and biodiversity. She presented the findings of research on biodiversity through climate change. She said global warming leads to changes in species frequency loss of flora and fauna through drought and forest loss due to increased fire. She emphasized on interlinking issues of ecosystem, biodiversity and livelihoods.



Miss. Deepika Swarnkar giving her presentation for Interdisciplinary discussion

Dr. R.K.S. Baghel moderated the discussion. He also presented a scientific presentation of biodiversity conservation. He suggested strategies for learning about biodiversity through a scientific perspective. Students can undertake simple research of flora and fauna identification in their local area to facilitate their understanding of biodiversity in the locality.



Dr.R.K.S.Baghel giving his presentation for Interdisciplinary discussion

After meaningful discussion a clear understanding emerged "Biodiversity conservation is mainstreamed in an interdisciplinary way across many topics within curriculum, while also being emedded into biology." The discussion wrapped around 2.40pm. The vote of thanks which was given by Smt. Deepika Toppo

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Smt. Deepika Toppo ended the discussion by vote of thanks

First and foremost, I have thoroughly enjoyed the discussion as moderator of this forum. I thought it would be appropriate useful discussion and it will be milestone for ensuing discussions, because today we can not compartmentalize the branches of sciences or area of research. We are witnessing the coming together of not just scientific disciplines but also many science and non-science disciplines. Today many liberal arts students doing courses in science and vice-versa. The intermingling of disciplines paves the way of cross-fertilization of ideas, solving problems in a new light and adopting innovative methods.

[Signature]
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