



**GOVT. DIGVIJAY AUTONOMOUS PG COLLEGE,
RAJNANDGAON, CG**

**AFFILIATED TO
Hemchand Yadav Vishwavidyalaya, Durg
Reaccredited B++ by NAAC**



**DEPARTMENT
OF
ZOOLOGY**

**BEST PRACTICES
2023-24**

GUEST LECTURE ON ENVIRONMENTAL POLLUTION AND HEALTH

A special invited guest lecture was organized on 7 December 2023, in which Dr. P.R. Chandelkar, Principal, Government Post Graduate College, Balaghat, Madhya Pradesh was specially invited as the chief guest. In his lecture, he told that the main reason for climate change is tampering with the environment and man-made pollution because nature controls natural pollution itself, but in the present time, man-made pollution, whether it is from vehicles, petroleum, industries or domestic pollution, is adversely affecting the environment. At present, the stubble burnt by farmers is also increasing air pollution to a great extent. In the 21st century, organisms are struggling for their existence, the reason for which is largely human. And human existence is linked to the existence of organisms, if we want to save human existence, then we have to save the environment. The shrinking area of forests is also a matter of concern.



GUEST LECTURE ON BEST FROM WASTE BY PROF. RENUKA THAKUR

A special invited guest lecture was organized on 08 December 2023, in which Prof. Renuka Thakur, Government Baba Saheb Bhimrao Ambedkar Post Graduate College Dongargaon was specially invited as the chief guest. Before the lecture, the chief guest was welcomed with a bouquet of flowers. In his lecture, he told that at present, all the items available in the markets are packed with paper, wood, plastic or metal. Before use, we remove their packaging or their bun after use and throw it away, which increases the garbage due to not being recycled. By reusing such waste, we can control environmental pollution to a great extent. At the college level, our students are making materials used in experimental work from useless items, pots etc. from old car tires and plastic bottles. Useless items are being reused by making doormats etc. from old clothes. By doing this, we can also inspire the society to reuse things and can make many useful things from the things that we pick up and throw in the junk.



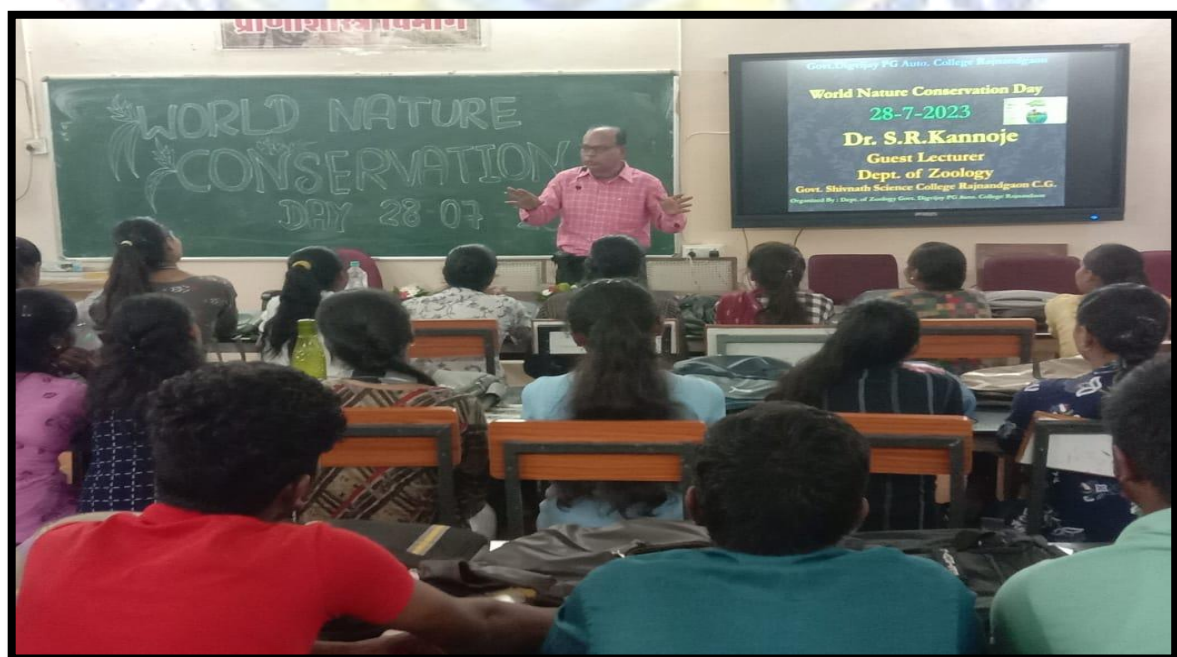
ENVIRONMENTAL PROTECTION AWARENESS PROGRAM

On 19.07.23, in the Department of Zoology, Mr. Vijay Bhaskar, a cyclist who is running a cycle campaign for environmental protection, told the students in detail about the environmental protection awareness campaign. He was honored with a certificate by the Department Head Dr. Kiran Lata Damle.



LECTURE ON WORLD NATURE CONSERVATION DAY

On the occasion of World Nature Conservation Day on 28th July 2023, Dr. Kannauje was present as a special guest lecturer at Government Science College, Rajnandgaon. Dr K L Tandekar said that nature conservation is the responsibility of all of us. Rapidly decreasing forests are a matter of concern. Be it the crumbling mountains or the sinking cities, all this is the result of messing with nature. Not only in India but also at the global level, due to excessive rainfall, there is a situation of flood somewhere and drought somewhere. We have to give something back to nature. Efforts to collect and preserve the colors of nature are also very important. Dr Kiran Lata Damle, Head of the Department of Zoology, said that our cultural beliefs that choose nature as the nurturer give the message of stopping greenery and preserving the colors of the earth. Without preserving nature, human life is not safe. Trees, the ornaments of the earth, everyone has the right to live. At present, the paths of many rivers are being blocked, while at some places the mountains are also being cut. Due to deforestation, many animals and plants are becoming extinct. All this has become a problem for trees. In our country, trees are worshipped as God. This is the need of the hour, which we should continue and preserve trees, forests and animals. Take care of them on this occasion. But in the tree plantation program organized under the aegis of the department by the Honorable Dr. Aruna Palta, Vice Chancellor of Durg Hemchand University, a Parijat tree was also planted and she also gave an important message of saving nature to the students.



भास्कर दूत

दिल में छत्तीसगढ़



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वनों की कटाई के कारण लुप्त हो रहे वन्य जीव

राजनांदगांव (भास्कर दूत)। शासकीय दिग्विजय स्नातकोत्तर महाविद्यालय के प्राणी विज्ञान विभाग द्वारा 28 जुलाई को विश्व प्रकृति संरक्षण दिवस के अवसर पर अतिथि व्याख्यान का आयोजन डॉ के एल टांडेकर प्राचार्य दिग्विजय कॉलेज के मार्गदर्शन में किया गया। इस अवसर पर डॉ कन्नौजे शासकीय विज्ञान महाविद्यालय राजनांदगांव विशेष अतिथि व्याख्याता के रूप में उपस्थित थे।

डॉ. टांडेकर ने बताया कि प्रकृति संरक्षण हम सबकी जिम्मेदारी है। तेजी से घटते वन चिंता का विषय है।

विश्व प्रकृति संरक्षण दिवस पर अतिथि व्याख्यान

दरकते पहाड़ हों या डूबते शहर, यह सब प्रकृति के साथ खिलवाड़ का ही नतीजा है। भारत ही नहीं वैश्विक स्तर पर भी अतिवृष्टि के चलते कहीं जल प्रलय की स्थिति है तो कहीं पर सूखा है। हमें प्रकृति को कुछ लौटाना भी है। प्रकृति के रंग समेटने और सहेजने के प्रयास भी बहुत जरूरी है। डॉ किरण लता दामले प्राणी विज्ञान विभागाध्यक्ष ने कहा कि प्रकृति को पालनकर्ता के रूप में चुनने वाली हमारी सांस्कृतिक मान्यताओं में हरियाली रोकने और धरती के रंग

सहेजने का संदेश देते हैं। प्रकृति को संरक्षित किए बिना मानव जीवन सुरक्षित नहीं है। धरती के सिंगार पेड़ पौधे को जीने का अधिकार सभी को है। वर्तमान में कई नदियों के रास्ते रोके जा रहे हैं तो कहीं पहाड़ों को काटने का काम भी हो रहा है। वनों की कटाई के कारण कई जीव-जंतु और वनस्पति लुप्त हो रहे हैं। यह सब वृक्षों के लिए मुसीबत बन गए हैं। हमारे यहां वृक्षों को देव स्वरूप मानकर पूजा जाता है। यही समय की मांग है, जिसे हम निरंतर जारी रखें

और वृक्षों और वनों और प्राणियों को संरक्षित रखें संभाल कर रखें। इस अवसर पर दुर्ग हेमचंद्र विश्वविद्यालय के कुलपति डॉ अरुणा पलटा के द्वारा विभाग के तत्वावधान में आयोजित वृक्षारोपण के कार्यक्रम में पारिजात वृक्ष का रोपण भी किया गया और उन्होंने भी प्रकृति को बचाने का एक महत्वपूर्ण संदेश छात्रों को दिया। इस अवसर पर विभाग के डॉ संजय ठिसके, डॉ. माजिद अली, डॉ. गुरप्रीत सिंह भाटिया, प्रोफेसर चिरंजीव पाण्डेय, श्रीमति करुणा रावटे व महेश लाडेकर एवं विभाग के छात्र-छात्राएं उपस्थित थे।



TREE PLANTATION PROGRAM

On 28.07.23, under the guidance of Principal Dr. K.L. Tandekar and under the leadership of Head of Department Dr. Kiran Lata Damle, all the professors of the department and all the postgraduate level students planted trees in the Srijan Samvad campus.



INSPIRED TO CONSERVE BIRDS BY GIVING TRAINING IN MAKING ARTIFICIAL NESTS

Like previous years, this year also the postgraduate pre- and final year students of the Zoology Department were given training in making artificial nests for birds under the extension activity program being run by the department. The students of Government Higher Secondary School, Thelkadih can make artificial nests for local birds by using waste items kept in the house like coconut shells, jute rope, straw, old plastic boxes, earthen pots etc. which are not in use. Dr Majid Ali told that the decreasing population of various kinds of local birds including sparrows is a matter of global concern. Many of the artificial nests made by us in the past have been chosen by many kinds of birds including sparrows.



ORGANIZING DENTAL CHECK-UP CAMPS

On 9th September, a dental examination camp was organized in Government Digvijay Autonomous Post Graduate College under the guidance of Principal Dr. K.L. Tandekar, under the aegis of the Department of Zoology and with the support of Home Science Department, NCC, NSS, Red Cross and Red Ribbon Society. In this camp, reputed dentists of the city provided their services. Through her presentation, Dr. Keyura Parikh gave information about dental problems and their prevention to the students and staff. Dr. Keyura Parikh is currently working as an Associate Professor in Chhattisgarh Dental College, Rajnandgaon. Dr. Nitesh Jain answered the questions of the students on dental diseases and their treatment and misconceptions related to treatment. Dr. Roma Chauhan and Dr. Janhavi Thiske gave information about dental diseases and proper treatment methods. In this camp, dental examination was done by about 300 students and college staff.



दिग्विजय कॉलेज में दंत परीक्षण शिविर आयोजित

राजनांदगांव (दावा)। दिनांक 9 सितंबर को दिग्विजय शासकीय स्वशासी स्नातकोत्तर महाविद्यालय में प्राचार्य डॉ के एल तांडेकर के मार्गदर्शन में प्राणी शास्त्र विभाग के तत्वाधान में एवं गृह विज्ञान विभाग, एनसीसी, एनएसएस, रेड क्रॉस तथा रेड रिबन सोसायटी के सहयोग से दंत परीक्षण शिविर का आयोजन किया गया।

इस शिविर में नगर के प्रतिष्ठित दंत चिकित्सकों ने अपनी सेवाएं दी

डॉ केयूरा पारख ने अपने प्रेजेंटेशन के माध्यम से विद्यार्थियों एवं स्टाफ के समक्ष दांतों से संबंधित समस्याओं तथा उनसे बचाव की जानकारी दी डॉक्टर केयूरा पारख वर्तमान में छत्तीसगढ़ डेंटल कॉलेज राजनांदगांव में एसोसिएट प्रोफेसर के पद पर



कार्यरत हैं। डॉ नितेश जैन ने दांतों के रोगों और उनके इलाज एवं इलाज से संबंधित भ्रांतियां पर छात्र-छात्राओं के प्रश्नों के उत्तर दिए। डॉक्टर रोमा चौहान एवं डॉ जान्हवी थिसके द्वारा दांतों के रोगों एवं उचित चिकित्सा पद्धतियों की जानकारी दी गई।

इस शिविर में लगभग 300 छात्र छात्राओं एवं महाविद्यालय स्टाफ द्वारा दंत परीक्षण कराया

गया। इस अवसर पर प्राणी शास्त्र विभाग की विभाग अध्यक्ष डॉ किरण लता दामले, प्राध्यापक डॉ संजय थिसके, डॉ माजिद अली, चिरंजीव पांडे, श्रीमती करुणा रावते, डॉ विकास कांडे, डॉ एच ठाकुर इत्यादि उपस्थित रहे। कार्यक्रम का संचालन प्राध्यापक जी एस भाटिया द्वारा किया गया एवं डॉ माजिद अली द्वारा आभार प्रदर्शन किया गया।



NATIONAL EDUCATION POLICY 2020 AWARENESS CAMPAIGN UNDER EXTENSION ACTIVITY

On 01 December 2023, under the college expansion activity, with the aim of creating awareness about the new National Education Policy 2020 and arousing interest in the National Education Policy among the students, as well as making the students studying in the college aware of various aspects of the Higher Education Policy, the professors of the Department of Zoology and postgraduate students reached Government Higher Secondary School Thelkadih School. Where the senior professor of the institution, Dr. Sanjay Thiske, inaugurated the program by briefly explaining about NEP 2020. Thereafter, Assistant Professor Shri Chiranjeev Pandey gave information about the multidisciplinary curriculum, skill-based vocational education of the new National Higher Education Policy (5+3+3+4) to the students of class 11th and 12th. Under NEP, the students were also explained in detail about the credit system implemented in the multidisciplinary selection based 4-year graduation course, Academic Bank of Credit and subject groups like DSC, DSE, SEC, GE, AECC, VAC.





MESSAGE OF BIRD CONSERVATION GIVEN BY CONSTRUCTING ARTIFICIAL NEST ON SPARROW DAY

International Sparrow Day was organized on 12 March 2023. Inaugurating the program, Head of Department Dr. Kiran Lata Damle said that for the last 04 years, the department has been working to inspire people to conserve birds by providing training in artificial nest making on Sparrow Day every year and installing these artificial nests in the college and surrounding areas. Birds like sparrows have also made some artificial nests their home, which is a positive response. Thereafter, the Principal said in his address that today the chirping sparrows seen in our courtyard are decreasing, the species of various birds including sparrows which we used to see in our childhood are not easily visible now, the conservation of various birds including sparrows is very important for the conservation of our nature because these birds directly or indirectly scatter the seeds of various trees and plants and also make them capable of germination. Senior Professor of the Department Dr. Sanjay Thiske told that the process of making artificial nest is quite simple and we can contribute to the conservation of birds by doing such work at home level. Assistant Professor Dr. Majid Ali told that some birds make nests and some do not, the process of nest making depends on their breeding season, one of the main reasons for the absence of birds commonly seen around the house is also the lack of things used in their nest making, increasing urbanization has reduced the grass, straw, twigs, stubble and small bushes and trees required for nest making. Assistant Professor Mr. Chiranjeev Pandey told that it is not at all true that just by making artificial nests, birds will use it, whether some birds will adopt abandoned nests or artificial nests made from pots, boxes, old cardboard, stubble, jute etc. or not depends on their selection process which is quite complex. Yet we have seen that sparrows readily choose many of our artificial nests. Special guest of the program and former student of the department, Prakriti Mitran Singh Sahu, first of all took the initiative in the process of artificial nest construction in the department and also taught his own experiment to other classmates of the department and made it a public awareness program through expansion speed so that people can be inspired to protect sparrows and other birds. There are many useless things in the house, using which we can build artificial nests for the birds around us. Although naturally built nests are much better, but looking at the current circumstances, we also need to make such efforts for

their conservation. There are many birds that have adapted to living in cities, in this situation we can protect them in urban areas by providing them artificial nests. Along with the construction of artificial nests, the methods of installing them are also very important, the birds select the nests installed at the right place and in the right manner. Besides, by providing them food and water etc., we can also attract them to live in those habitats.



Principal
Govt. Digvijay Auto. PG College,
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