



वयं राष्ट्रे जागृयाम् पुरोहिताः



**Govt. Girls' P.G. College, Ujjain (M.P.)**

(Established in 1958)

A Centre for Excellence, "A" Graded by NAAC in Two Cycles

Affiliated to Vikram University, Ujjain



**Internal Quality Assurance Cell**

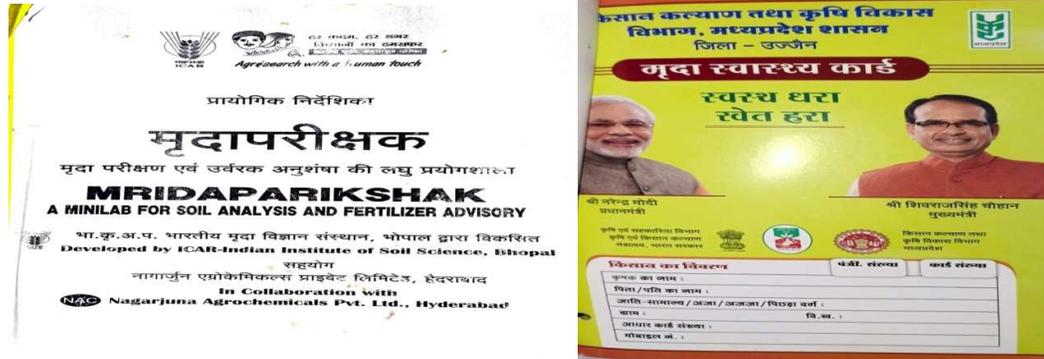
**Beyond Campus Initiatives for  
Environment**

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# Soil Testing in Mridaparikshak Minilab



## ICAR-Indian Institute of Soil Science, Bhopal Develops 'Mridaparikshak', a Minilab for Soil Testing

ICAR-Indian Institute of Soil Science, Bhopal, a research institute under the Natural Resource Management (NRM) Division of Indian Council of Agricultural Research (ICAR), has developed 'Mridaparikshak', a MINILAB that can determine soil health.

The development of the MINILAB is an outcome of the initiative of ICAR and the concerted efforts by a team of scientists of ICAR-IISS, Bhopal in collaboration with M/s Nagarjuna Agrochemicals Pvt. Ltd., Hyderabad to meet the need for having a quick, portable, scientific, and economical system of determining soil health. Govt. Girls PG College, Ujjain was identified as one of the Nodal Centres for Soil Health Testing and the students of Science Faculty worked in this minilab for soil testing of 60 farmers.

The development of the MINILAB is an outcome of the initiative of ICAR and the concerted efforts by a team of scientists of ICAR-IISS, Bhopal in collaboration with M/s Nagarjuna Agrochemicals Pvt. Ltd., Hyderabad to meet the need for having a quick, portable, scientific, and economical system of determining soil health. Govt. Girls PG College, Ujjain was identified as one of the Nodal Centres for Soil Health Testing and the students of Science Faculty worked in this minilab for soil testing of 60 farmers.

## Sample Soil Health Reports

Page No. 8

कृषक नं. - ⑧

कृषक का नाम - गजीद खो  
 जिला का नाम - हमीर खो  
 जिला - उज्जैन  
 ग्राम - भागीरथी  
 विकासखंड - महिदपुर  
 जिला - उज्जैन  
 खसरा न -  
 खेत नं. - 44  
 खेती - 202 डेक्यार  
 पहचान - आम  
 मिट्टी नम्बर - E  
 पूर्व में कौन से फसल - सब्जी - सोयाबीन  
 रबी - चना  
 क्षेत्र की प्रमुख फसलें - सोयाबीन - चना  
 मो. नं. - 9893665984

PH - 7.80  
 EC - 0.65  
 OC - 1.32  
 N - 306.1 kg/ha  
 P - 31.28 kg/ha  
 Fe - 17.6  
 Cu - 16.9 mg/kg  
 Mn - 13.5 mg/kg  
 Zn - 4.28 mg/kg  
 S - 61.0 mg/kg  
 K - 333.0 mg/kg

15

कृषक का नाम - राजधानीबाई  
 पिता/पति का नाम - गोपाललाल  
 ग्राम - तुमहीडा  
 विकासखण्ड - महेन्द्रपुर  
 जिला - उदयपुर  
 खसरा नं. -  
 सर्वे नं. - 390  
 रकबा - 2.650 हेक्टेयर  
 पहचान - अमा  
 फिट नम्बर - E 13  
 पूर्व में जोड़े गये फसले - खरीफ - जौयाबीज  
 रबी - चना  
 जौया बी प्रमुख फसले - जौयाबीज, चना, गेहूँ  
 मूल्या लेने की दिनांक - 04/06/2016  
 मो. नं. - 8120196633

PH - 8.16  
 EC - 0.53  
 OC - 1.24 %  
 N - 277.8 kg/ha  
 P - 0.00 kg/ha  
 Fe - 0.00 mg/kg  
 Cu - 18.53 35.3 mg/kg  
 Mn - 51.4 mg/kg  
 Zn - 17.4 mg/kg

60

कृषक का नाम - देवीबिंदु पिता लाललाल  
 पिता - पं. ल.  
 ग्राम - मालीखेत  
 विकासखण्ड - महेन्द्रपुर  
 जिला - उदयपुर  
 जौया संबंधी जानकारी  
 खसरा नं. - - - सर्वे नं. 180  
 पहचान की जी पी एन की डिग्री  
 1. अक्षय - 2 सांच  
 2. अक्षय - 2 सांच  
 3. अक्षय - 2 सांच

रकबा 1.380 हेक्टेयर  
 पहचान 2024/10  
 फिट नं. 05  
 भौगोलिक स्थिति दाल (निचला बंद)  
 फसल  
 सिंचनी की संयोज -  
 पूर्व में जोड़े गये फसले -  
 जौया बी प्रमुख फसले -  
 मूल्या लेने की दिनांक - 8/6/2013  
 मो. नं. 888939861

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नाम - रमेश पिता काशु  
 पिता - अ. पा.  
 जिला - उदयपुर  
 ग्राम - मालीखेत  
 विकासखण्ड - महेन्द्रपुर  
 सर्वे नम्बर - 198  
 रकबा = 1.10 (हेक्टेयर)  
 पहचान - कुमा  
 फिट नम्बर - D3  
 भौगोलिक स्थिति - समतल  
 सिंचनी की संयोज - कुमा  
 खरीफ - जौयाबीज, रबी - गेहूँ, जौयाबीज  
 जौयाबीज गेहूँ जौया  
 मूल्या लेने की दिनांक  
 मो. नं. - 9754667866

1) PH - 7.86  
 2) EC - .47 ms/cm  
 3) Organic Carbon - 1%  
 4) N - 261.6 kg/hectare  
 5) P - 86.69 kg/ha  
 6) K - 400.3 kg/ha  
 7) S - 323 mg/kg  
 8) Zinc - 11.4 mg/kg  
 9) R - 31.4 mg/kg  
 10) Fe - 21.2 mg/kg  
 11) Mn - 12.6 mg/kg  
 12) Cu - 9.54 mg/kg

## PARTICIPATION IN ECO CAMP of FOREST DEPARTMENT





## Ganesh Idol Making Workshop



# ENVIRONMENTAL CONSERVATION and CLEANLINESS DRIVES IN COMMUNITY



Sensitization Drive in Community



## ODF Campaigns



Rally for Open Defecation Free (ODF) City



Rally for Open Defecation Free Villages

## Street Play on Cleanliness



# Plastic Ban Campaign by NCC in Community



“Sankalp Se Siddhi”  
संकल्प से सिद्धि समाज में स्वच्छता  
Cleaning Public Parks



# CLEANLINESS CAMPAIGN IN VILLAGES

## GRAM SWACCHATA



## Cleanliness, Health and Personal Hygiene Sensitization Drive in Adopted Village



### चिंतामण में जीडीसी ने लगाया एनएसएस शिविर

उज्जैन। राष्ट्रीय सेवा योजना के मूल्यांको आत्मसात करें व अपने व्यक्तित्व का विकास करें। उक्त उद्गार विवि रासेयो समन्वयक डॉ. प्रशांत पुराणिक ने जीडीसी की रासेयो यूनिट क्रमांक 1 व 2 के ग्राम चिंतामण जवासिया में लगे एनएसएस के शिविर में कही। कार्यक्रम में प्राचार्य यादव भी मौजूद थीं।

## RIVER WATER CLEANING



# Monuments Cleaning in the City



## Monuments Cleaning in City - 5<sup>th</sup> December 2021





**BIRLA HOSPITAL SQUARE**  
also known as Olympic Square



**UJJAIN-DEWAS ROAD**  
Statue of Helping hands near Iskcon Temple



**Cleanliness Drive in City**



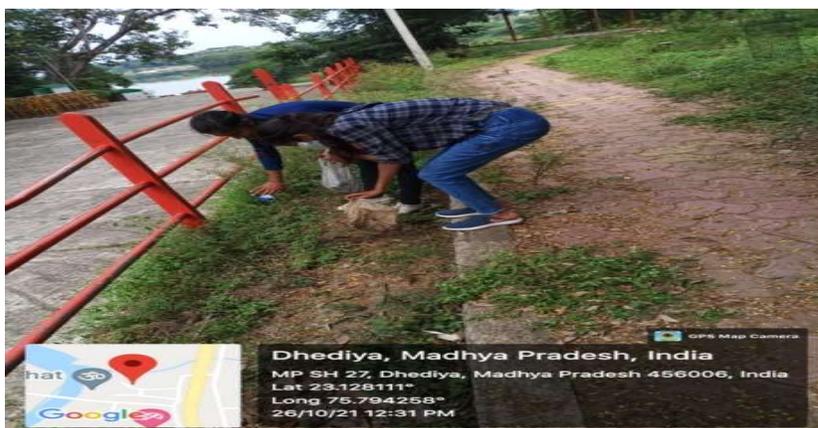
## Cleaning of public parks in 2020



## Plogging



Representing Vikram University as  
Swachhata Ambassadors  
Massive Cleanliness Drive in Urban and Rural Areas under Clean India  
Programme



## Cleanliness Rally and Drive in Village Shakkarvasa



## Ujjain City and Villages Gangedi , Mediya .....







# Conducting ODF Survey and Door to Door Sensitization Drive for Cleanliness and Hygiene





Date:-29.10.2021

On the occasion of Nadi Mahotsav (River Festival) 'Save River Clean River' cadets performed street play at Apna Sweets chauraha and took out a rally from BN to Kothi road.

### Rally on "Nadi Bachao" and Street Play on Cleanliness



# Slogan and Poster Making Competition

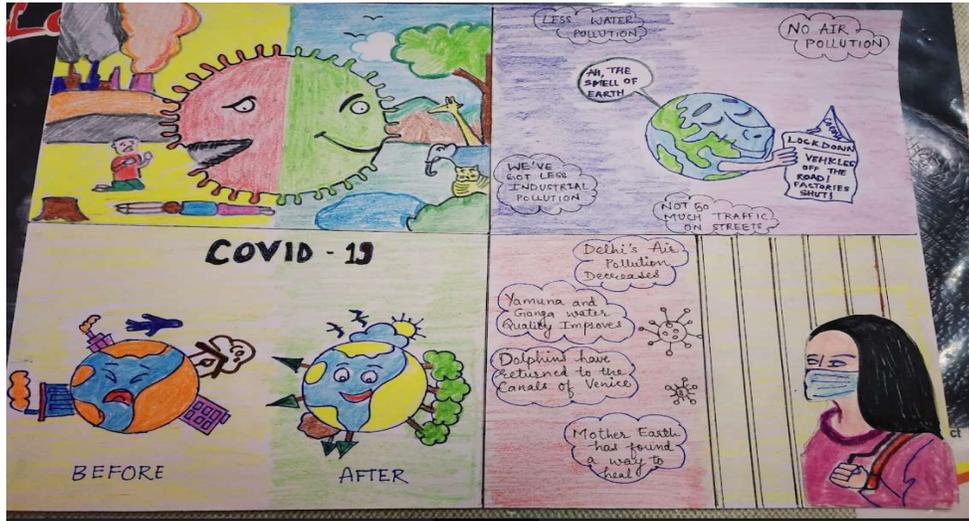
जैव विविधता का  
सम्मान करे,  
मानवता पर  
अभिमान करे.

*It's Our Duty  
to  
Protect nature's  
Beauty*

Deepika solanki  
Bsc (biotech) 1st year



First Position  
Second Position  
Third Position



First Position



Second Position



Third Position

## Sale Exhibitions of Self-Made Green Products



# National Seminars/Webinars on Environmental Issues

## National Seminar on Sustainable development



**WORLD ENVIRONMENT DAY 2021**

**INTERNATIONAL WEBINAR ON “Ecosystem Restoration Through Sustainable Biodiversity”**

**5<sup>th</sup> June 2021, Saturday**

Organized By  
**Zoology and Biotechnology Department**  
**GOVT. GIRLS' P.G. COLLEGE, UJJAIN**  
(A Centre for Excellence) "A" Graded by NAAC (Two Cycles)  
Internal Quality Assurance Cell

In Collaboration with : ESW Society, Khajuraho, India

**Dr. Anita Manchandia**  
Principal  
GGPGC, Ujjain  
PATRON

**Dr. Leena Lakhani**  
Prof. & Head  
Zoology & Biotechnology Deptt.  
GGPGC, Ujjain  
CONVENER

**Dr. Ashwani Kumar Dubey**  
President ESW Society  
Khajuraho  
INDIA  
COLLABORATOR

Supported By : World Bank Scheme, MPHEQIP

SOCIAL MEDIA PLATFORMS :

**INTERNATIONAL WEBINAR ON Ecosystem Restoration Through Sustainable Biodiversity**

**Date : 5<sup>th</sup> June 2021, Saturday**  
Starts at 11:00 AM Onwards

**KEYNOTE SPEAKER**

**Prof. Arun Pandey**  
Vice-Chancellor  
Mansarovar Global University, Bhopal, India  
Topic : Reversing the Degradation of Ecosystems : Strategies for Restoration

**GUEST SPEAKERS**

**Antarticlan Prof. I.K.Pai**  
Director, USG-HRDC & Centre Coordinator, NRC-MHRD (Mar. Sci.)  
Goa University, Goa, India  
Topic : Policy Impacts and Sentiments of World Ecosystem Restoration

**Tehlu Singh**  
Field Technician  
Calgary Zoo Centre for Conservation Research, Canada  
Topic : Designing and Implementing Ecological Restoration

**Dr. Allam Vijaya Bhaskar Reddy**  
Department of Botany  
Osmania University,  
Hyderabad, India  
Topic : Role of Biodiversity in Restoration of Ecosystems

**Dr. Mustafa Malik**  
Assistant Dean for US Studies  
College of Economics, Management & Information Systems Niwa, Oman  
Topic : Education as an Intervention for Environmental Conservation and Sustainable Development.

REGISTRATION LINK : <https://bit.ly/3yLrWcI>

**Dr. Anita Manchandia**  
PATRON

**Dr. Leena Lakhani**  
CONVENER

**Dr. Ashwani Kumar Dubey**  
COLLABORATOR

**National Webinar on**  
**“Green Chemistry and Environmental Sustainability”**  
 10 August, 2020  
 3:00PM to 5:00PM  
**Organizer**  
**Govt. Girls’ P. G. College, Ujjain**  
 A Centre for Excellence - A Graded by NAAC (2 Cycles )  
**Internal Quality Assurance Cell**  
**Department of Chemistry & Pharmaceutical Chemistry**

**Honorable Chief Guest**



**Dr. B. K. Mehta**  
 Retd. Professor & HOD  
 S. S. in Chemistry  
 Vikram University, Ujjain

**Distinguished Invited Speakers**

 <b>Dr. Savita Dixit</b> HOD Chemistry MANIT, Bhopal	 <b>Dr. Pinki Bala Punjabi</b> Retd. Professor Chemistry MLSU, Udaipur	 <b>Dr. Fozia Haque Khan</b> Associate Professor Physics MANIT, Bhopal
<b>Dr. Ulka Yadav</b> Patron	<b>Dr. Neeta Tapan</b> IQAC Coordinator	<b>Dr. Anita Manchandia</b> Convener

**Co Conveners**  
**Dr. Rashmi Bhargav ; Dr. G. D. Agrawal ; Dr. Samina Qureshi**

**Organising Committee Members**  
**Dr. Neha Tripathi ; Dharmesh Rathore ; Kajal Pandey ; Mayuri Soner**

Green is the prime color of the world, and that from which its loveliness arises.

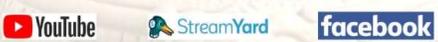


**Govt. Girls’ P.G. College, Ujjain**  
 (A Centre for excellence) “A” Graded by NAAC (Two Cycles)  
**Internal Quality Assurance Cell**  
**Science Committee,**  
**Zoology and Biotechnology Department**  
**Organize**  
**National Workshop on**  
**Lord Ganesh Idol Making**  
 In collaboration with  
**Roopantaran Samajik Evam Jankalyan Sanstha, Ujjain**

 <b>Dr. H.L. Anijwal</b> Patron & Principal Govt. Girls’ P.G. College, Ujjain	 <b>Shri Rajeev Pahwa</b> Director Roopantaran Samajik Evam Jankalyan Sanstha Ujjain	 <b>Dr. Leena Lakhani</b> Convener Prof. & Head of Zoology and Biotechnology Dept. GGPCC, Ujjain
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**Join us online**  
**9<sup>th</sup> September 2021, Thursday**  
**Time: 3.00 PM Onwards**

**Social media platforms**





**Wild Life Week Celebration**

**Seven Days National E-Awareness Programme**  
**“Wild Life Conservation in India:  
 The Changing Paradigm”**  
 2<sup>nd</sup>-8<sup>th</sup> October 2021  
 Organize by  
**Zoology and Biotechnology Department**  
 Under MPHEQP World Bank Scheme  
**Govt. Girls’ P.G. College, Ujjain**  
 A Centre for Excellence - “A” Graded by NAAC (2 Cycle)  
 Internal Quality Assurance Cell

 <b>Dr. H.L. Anijwal</b> Principal Govt. Girls’ P.G. College, Ujjain <b>Patron</b>	 <b>Dr. Leena Lakhani</b> Professor & Head Zoology & Biotechnology Department Govt. Girls’ P.G. College, Ujjain <b>Convener</b>	 <b>Dr. Neeta Tapan</b> Economics Department Govt. Girls’ P.G. College, Ujjain <b>IQAC Coordinator</b>
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 <b>Dr. Pratibha Akhand</b> Assistant Professor Zoology & Biotech. Dept., Govt. Girls’ P.G. College, Ujjain	 <b>Dr. Saroj Vikram Ratnakar</b> Assistant Professor Zoology & Biotech. Dept., Govt. Girls’ P.G. College, Ujjain	 <b>Ms. Sheeba Khan</b> Zoology & Biotech. Dept., Govt. Girls’ P.G. College, Ujjain	 <b>Mr. Shashwat Nigam</b> Zoology & Biotech. Dept., Govt. Girls’ P.G. College, Ujjain
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**Co-Conveners**

 <b>Dr. Sujanta Kanare</b> Zoology & Biotech. Dept., Govt. Girls’ P.G. College, Ujjain	 <b>Ms. Neha Koshti</b> Zoology & Biotech. Dept., Govt. Girls’ P.G. College, Ujjain	 <b>Ms. Shweta Geed</b> Zoology & Biotech. Dept., Govt. Girls’ P.G. College, Ujjain
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**Organising Secretaries**

**Supporting Team Members**

**Panel of distinguished speakers**

**Time : 11.00 am onwards**

 <b>Dr. H.S. Pabba, IFS</b> Former PCCF and C.M. in Bhopal, Madhya Pradesh	<p><b>Date : 02.10.2021</b>  <b>Scientific Lecture</b>  <b>“Protected Area Network :          The Backbone of          Wild Life Conservation”</b></p>	 <b>Dr. Homnraj N. Kumar</b> Principal Scientist Conservation of Biology Division & Centre for Ornithology and Natural History Academy, Bangalore	<p><b>Date : 03.10.2021</b>  <b>Scientific Lecture</b>  <b>“Conservation Story          from the          Central Western Ghats”</b></p>
 <b>Dr. Subas Kumar, IFS</b> Former PCCF, Bhopal, Madhya Pradesh	<p><b>Date : 04.10.2021</b>  <b>Scientific Lecture</b>  <b>“India’s Wildlife          Conservation          Strategy and Efforts          with reference to M.P.”</b></p>	 <b>Dr. Sanjeev Kumar</b> Former Director Scientist Desert Research Centre, Zoological Survey of India Jaipur	<p><b>Date : 05.10.2021</b>  <b>Scientific Lecture</b>  <b>“Wildlife Conservation:          An Indian Perspective”</b></p>
 <b>Ajay Godlikar</b> Retd. Wildlife and Warden IFCR (Wildlife Special Group) Indore (M.P.)	<p><b>Date : 05.10.2021</b>  <b>Scientific Lecture</b>  <b>“Avifauna Documentation          through Citizen Scientist          Initiatives in M.P.”</b></p>	 <b>Prasanta Kumar Pandit, IFS</b> Former CCF, West Bengal	<p><b>Date : 06.10.2021</b>  <b>Scientific Lecture</b>  <b>“Conservation of Batagor Baska          (Northern River Terraple), a          critically endangered species          in Sundarban Tiger Reserve,          West Bengal”</b></p>
 <b>Dr. Gopid Sharma</b> Scientist-C & In-charge Director Zoological Survey of India Patna, Bihar	<p><b>Date : 07.10.2021</b>  <b>Scientific Lecture</b>  <b>“Freshwater Dolphin          Conservation          in India”</b></p>	 <b>R. Sreenivasa Murthy, IFS ‘Retd.’</b> Former APCCF Bhopal, Madhya Pradesh	<p><b>Date : 08.10.2021</b>  <b>Scientific Lecture</b>  <b>“Panna Revival Story”</b></p>



**Social Media Platforms**



**Govt. Girls' P.G. College, Ujjain**  
A Centre for Excellence - "A" Graded by NAAC (2 Cycles)

**Zoology & Biotechnology Department and Science Committee**  
Organize National Webinar on

**"ENVIRONMENT AROUND US"**

on the Occasion of "Hariyali Mahotsav"  
In Collaboration with Forest Department, Ujjain & Roopantaran Samajik Evam Jankalyan Sanstha, Ujjain



**Date - 20<sup>th</sup> July 2020, Starts at - 12.00 pm**

**Invited Speakers**

 Ajay Kumar Yadav IFS, Chief Conservator of Forest (CCF), Ujjain	 Dr. Kiran Bisen IFS, Divisional Forest Officer (DFO), Ujjain	 SFS, Anubha Trivedi Sub Divisional Forest Officer (SDO), Ujjain	 Rajeev Pahwa Director, Roopantaran Samajik Evam Jankalyan Sanstha, Ujjain
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**Dr. Leena Lakhani** \* **Dr. Neeta Tapan** \* **Dr. Ulka Yadav**  
Convener IQAC, Co-ordinator Principal

**Govt. Girls' P.G. College, Ujjain**  
A Centre for Excellence - "A" Graded by NAAC (2 Cycle)

**Zoology & Biotechnology Department**  
Organizes Two Days National Webinar On

**Biodiversity Conservation and Its Management**

In Collaboration with  
Zoological Society of India (ZSI)  
& The Society of Life Sciences (SLS)



**Date - 15th and 16th July 2020, Starts 2.00 PM**

**Ist Day Invited Speakers (15<sup>th</sup> July, 2020)**

 Prof. B.N. Pandey Chief Guest President, The Zoological Society of India (ZSI) Bodhi Gaya (Bihar)	 Prof. U. C. Srivastava Emeritus Professor, University of Allahabad, Prayagraj (U.P.)	 Prof. I. K. Pai Director HRDC, UGC Goa University, Goa
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**IInd Day Invited Speakers (16<sup>th</sup> July, 2020)**

 Dr. Sandeep Arya Institute of Environment & Development Studies Bundelkhand University, Jhansi (U.P.)	 Prof. Vineeta Shukla M.D. University, Rohtak (Haryana)	 Prof. Shivesh Pratap Singh Govt. Autonomous P.G. College, Satna
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**Dr. Leena Lakhani** **Dr. Neeta Tapan** **Dr. Ulka Yadav**  
Convener IQAC, Co-ordinator Principal

**Govt. Girls' Post Graduate College, Ujjain**  
(A Centre for Excellence) "A" Graded by NAAC (Two Cycles)  
Internal Quality Assurance Cell (IQAC) and  
Economics Department  
in collaboration with  
Tapan Chourey FOUNDATION  
organize

**National Webinar** on **VOCAL FOR LOCAL**

**"Enabling Environmental Entrepreneurship"**

**30 July 2020 Starts at 4 pm**

**Distinguished Invited Speakers**

 <b>Dr. Janak Palta McGilligan Padmshree</b> Director, Jimmy McGilligan Centre for Sustainable Development	 <b>Prof. Sudha Mall</b> Retd. Prof. of Botany, Vikram University, Ujjain Organic Farming Entrepreneur
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**Supported by** MPHEQIP, Govt. of Madhya Pradesh  
**Funded by** World Bank (IDP)  
**Under** SYNERGY, Business Incubation Centre, GGPGC, Ujjain  
**Organizing Committee Members**  
Dr. Nikhil Joshi Professor of Economics  
Dr. Abha Dixit Professor of Economics  
Ms. Oorja Tapan Secretary, TCF

<b>Dr. Neeta Tapan</b> Webinar Convener & IQAC Coordinator	<b>Dr. Nancy Chauhan</b> Webinar Coordinator & Head, Economics Deptt.	<b>Dr. Ulka Yadav</b> Principal & Patron
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**Govt. Girls' P.G. College, Ujjain**  
A Centre for Excellence - "A" Graded by NAAC (2 Cycle)  
Internal Quality Assurance Cell



**Zoology and Biotechnology Department**  
Under MPHEQIP World Bank Scheme  
Organize National Webinar On

**International Tiger Day 2021**  
"Their Survival is in our hands"

**29th July, 2021 - Time: 2:30 PM (IST) Onwards**

**Invited Speakers**

 <b>Dr. R.S. Pabla</b> Former Chief Wild Life Warden of Madhya Pradesh	 <b>J. S. Chauhan</b> PCCF (Production) Madhya Pradesh, Forest Department	 <b>Dr. Anita Manchandia</b> Principal Govt. Girls' P.G. College Ujjain	 <b>Dr. Leena Lakhani</b> Prof. & Head Zoology & Biotechnology Department Govt. Girls' P.G. College Ujjain
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**Topic: "Making Sense of Wildlife Conservation in India"** **Topic: "Tiger conservation in India: Past, Present and Future"**

**Social Media Platforms**  
YouTube StreamYard Facebook

# Govt. Girls' P.G. College, Ujjain

A Centre for Excellence - "A" Graded by NAAC (2 Cycle)  
Internal Quality Assurance Cell



## Zoology and Biotechnology Department

Under MPHEQIP World Bank Scheme  
Organizes Seven Day E-Workshop on  
**Entrepreneurial Skill Development and Career Opportunities in Biological Sciences**

24<sup>th</sup> June – 30<sup>th</sup> June 2021

Time : 12.00 P.M. Onwards

Career in Mushroom Farming, Sericulture, Vermiculture, Horticulture, Lac Culture, Apiculture and Aquaculture

मशरूम की खेती, रेशम उत्पादन, वर्मी कम्पोस्टिंग, उद्यानिकी, सुगंधित पोषे व हर्बल पौधों की खेती, लाख उत्पादन, शहद उत्पादन, मत्स्य पालन



**Dr. Anita Manchandia**  
Principal  
Govt. Girls' P.G. College Ujjain  
PATRON



**Dr. Leena Lakhani**  
Prof. & Head  
Zoology & Biotechnology Department  
Govt. Girls' P.G. College Ujjain  
CONVENER

## Invited Speakers



**Mrs. Namrata Yedru**  
Director  
Chhattisgarh Mushroom  
Naya Raipur

Date : 24.06.2021  
Topic: Mushroom Farming-Fruitful Business



**Dr. Rajesh Baghel**  
Additional Director, Sericulture  
Directorate of Sericulture  
Govt. of Chhattisgarh, Raipur

Date : 25.06.2021  
Topic: Ecology, Biology & Rearing of *Antheraea mylitta*



**Dr. Sanjay Kanoje**  
CEO Jila Panchayat  
Govt. of Chhattisgarh,  
Kanker

Date : 26.06.2021  
Topic: Vermicomposting



**Dr. Romal Singh Keram**  
Soil Analyst  
Krishavign Kendra  
Kanker, Chhattisgarh

Date : 26.06.2021  
Topic: Vermicomposting



**Mr. Mitul Rotheri**  
Member MICH  
Ministry of Agriculture  
Govt. of India, Raipur, Chhattisgarh

Date : 27.06.2021  
Topic: Future Opportunities in Horticulture



**Mr. Rajnish Awasthi**  
Director  
Agricon Agroproducer Company Ltd.  
& MD Sunflag Agrotech Pvt. Ltd., Raipur

Date : 27.06.2021  
Topic: Essential Oils and Herbs - a growing Opportunity for Budding Entrepreneur



**Dr. B. P. Katiham**  
Sr. Scientist Entomology  
College of Agriculture, ICAR  
Raipur, Chhattisgarh

Date : 28.06.2021  
Topic : Prospects of Lac Cultivation in India



**Dr. Upendra Kumar Nag**  
Subject Matter Specialist  
Krishavign Kendra  
Kanker, Chhattisgarh

Date : 28.06.2021  
Topic : Income Generation from Lac Cultivation



**Dr. Rajeev Awasthi**  
President  
Prakriti Swas Sanathan  
Bilaspur, Chhattisgarh

Date : 29.06.2021  
Topic: Future Opportunities in Apiculture



**Mr. Ram Narendra**  
Managing Director  
Pragati Prayas Samikh Sree Sanatha  
Bastar, Chhattisgarh

Date : 29.06.2021  
Topic : Employment through Apiculture



**Dr. Pradeep Shrivastava**  
Member Academic  
MP Private University Regulatory Commission,  
Bhopal M.P.

Date : 30.06.2021  
Topic : Employment Opportunities & Livelihood Potential in Aquaculture



**Mrs. Shweta Gupta**  
Assistant Fisheries Officer  
Ujjain M.P.

Date : 30.06.2021  
Topic : Future Opportunities in Fisheries

**Dr. Anita Manchandia** PATRON

**Dr. Leena Lakhani** CONVENER

Social Media Platforms



## Zoology and Biotechnology Department & Science Committee

### GOVT. GIRLS' P.G. COLLEGE, UJJAIN

(A Centre for Excellence) "A" Graded by NAAC (Two Cycles)  
Internal Quality Assurance Cell

### Celebrating World Environmental day

5<sup>th</sup> June 2021

A National Level Event for Creative and Bright minds

Write an essay on the theme:

**"Impact of COVID 19 on Environment"**

In your own handwriting neatly on white paper (with or without lines) and submit in PDF format

For Submission, you can email on

[nsstd2020@gmail.com](mailto:nsstd2020@gmail.com)

**Patron**  
Dr. Anita Manchandia  
Principal

**Convener & Organising Secretary**

Dr. Leena Lakhani  
Professor and Head  
Zoology & Biotechnology Department

### Eligibility

- UG/PG Students of all Programmes

### Guidelines

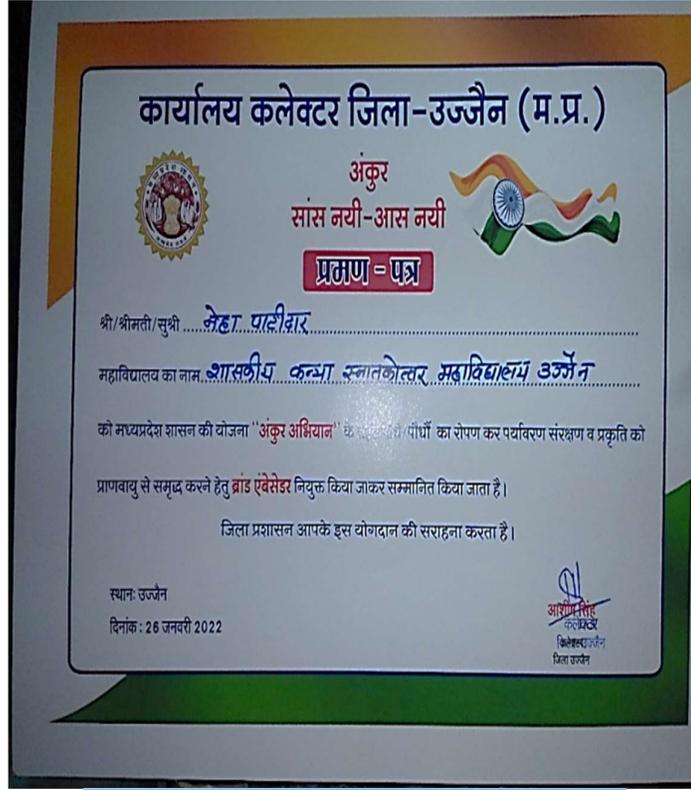
- Essay word limit - 800 - 1200 words
- The medium of the Essay can be either Hindi or English
- This competition is open for all College students of UG/PG level
- The decision of the Judges will be final & binding.
- Only two entries per college will be entertained.
- E-Certificates will be issued to the winners.
- Winners will be informed about the results.
- Please submit your Essay along with photo of the college Identity Card by .....(date) 2021, 5.00 P.M

### Online quiz held

IQAC, Department of Chemistry and Pharmaceutical Chemistry of the Government Girls' P-G College organised a National Online Quiz on the occasion of National Energy Conservation Day on the topic, 'Azadi ka Amrit Mahotsava: Energy Efficient India'. On the day posters, brochures and stickers on energy conservation were pasted in the entire college by students. Principal Dr HL Anijwal, Dr Anita Manchandia, Dr GD Agrawal, Dr Rashmi Bhargava, Dr Samina Qureshi, Dharmesh Rathore and Mayuri Soner were present.

SPIC N

Ankur Plantation Abhiyaan  
अंकुर अभियान  
साँसनयी आसनयी  
College Students appointed Brand Ambassadors by District Administration



## Publications on Green Initiatives in International Journals



**IJAR SCT**  
Impact Factor: **6.252**  
Scientific Journal Impact Factor  
www.sjifactor.com

**International Journal of  
Advanced Research in  
Science, Communication  
and Technology  
(IJAR SCT)**

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INTERNATIONAL STANDARD  
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CERTIFICATE  
OF PUBLICATION

THIS IS TO CERTIFY THAT

**Manoj Kumar Sisodiya**  
Government Girl PG College, Ujjain, MP, India

HAS PUBLISHED A RESEARCH PAPER ENTITLED

**Ethnobotanical Documentation of useful Plants in the Branches of Ethnobotany Found in the  
Green Campus of Govt. Girls Post Graduate College, Ujjain Madhya Pradesh (India)**

**IN IJAR SCT, VOLUME 2, ISSUE 1, MARCH 2022**

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**20 KW RESCO SOLAR PANEL WHEELING TO THE GRID**



## Green chemicals can be recovered for further use, vouch experts

FP NEWS SERVICE  
Ujan

Green chemicals either degrade to innocuous products or recovered for further use so adopt green chemistry. Many chemicals end up in the environment by intentional release during use viz pesticides or by unintended releases (including emissions during manufacturing) or by disposal.

These were the views of chief guest Dr BK Mehta, former professor and head, School of Studies in Chemistry, Vikram University in the national webinar on green chemistry and environmental sustainability organised by chemistry pharmacology depart-

ments and IQAC of Government Girls' Post-Graduate College (GGPGC).

First speaker Dr Pinkibala Punjabi, former professor of chemistry

### Webinar on green chemistry and environmental sustainability held

from Mohanlal Sukhadiya University, Udaipur explained twelve principles of green chemistry and present scenario and future trends of green chemistry. Second speaker Dr Fozia Haque Khan, associate professor, MANT, Bhopal talked on the topic "Green synthesis of oxide nanomaterials and their environmental applications". She stated

various applications of nanomaterials, in water treatment, UV shielding etc. She also gave a brief description of dye sensitized solar cell.

Third speaker Dr Savita Dixit, head, chemistry MANT, Bhopal gave brief account of "Think green environmental solution". Dr Dixit focused on the water pollution treatment and described three preventive measures which are phytoremediation, aquatic macrophytic based system and water purification through algae.

In her presidential speech

principal Dr Ulka Yadav told that green chemistry is very good solution to environmental problems.

Dr Anita Manchandia, convener of the webinar, gave thematic introduction of the webinar and explained basics, benefits and importance of green chemistry.

She welcomed the chief guest Dr Mehta, speakers, chairperson and all participants. Dr GD Agrawal gave introduction of Dr Mehta and expressed vote of thanks. Dr Rashmi Bhargava, Dr Samina Qureshi and Mayuri Soner introduced the eminent speakers. Technical assistance was given by Dharmesh Rathore, Dr Neha Tripathi and Kajal Pandey

## NCC cadets stage play on benefits of cycling

FP NEWS SERVICE  
Ujan

NCC cadets staged a street play on benefits of cycling at Government Girls' Post-Graduate College on Thursday. The play depicted that by using cycles in daily life, we can protect the environment, prevent diseases and face inflation.

Cadets Anushka Sharma, Aradhana, Bhawana, Jaya, Kiran, Neha, Pinky,

Preeti, Radhika, Roshni and Vaishali acted in the play. Senior under officer Yashasvi Sisodia, Sanjana Haldhar, Katrina, Mona and Lakshmi directed the play. Dr Hemant Gehlat, Dr Nikhil Joshi, Dr Sadhna Nirbhay, Dr Rekha Sharma and other staff members were present. Lieutenant Saroj Ratnakar conducted the event and also proposed the vote of thanks.



NCC cadets stage street play

## We can shun luxury products but agriculture produce is indispensable: Dr Sudha Mall

FP NEWS SERVICE  
Ujan

Tapping the potential of natural and human resources is the way to be vocal for local. Knowledge, attitude, innovation, training and practice are the five prerequisites for the human resources to become local entrepreneurs.

These were the words of the chief guest Padma Shree Janak Palta in a national webinar on "Enabling environmental entrepreneurship" organised by economics department and IQAC of Government Girls Post-Graduate College (GGPGC) in collaboration with Tapan Chourey Foundation. Director of Jimmy McGilligan Centre for Sustainable Development, Indore Dr Palta shared her journey of environmental conservation and entrepreneurship generation when she established Barli Institute for Rural Women forty five years ago and trained more than 6,000 tribal girls and young women from 500 villages of India in solar cooking and food processing which made

them economically self-reliant and put an end to their migration for employment. Dr McGilligan narrated the stories of young corporates and technocrats who have left their highly remunerative jobs and switched over to rural development through adopting innovative solar energy entrepreneurial models after acquiring training from the institutes.

The special guest of the webinar was Dr Sudha Mall, a retired professor of botany, Vikram University and first woman of Madhya Pradesh to be certified as an Organic Farmer. Giving her address on entrepreneurship in organic farming - a basis of sustainable agriculture she stated that the current lockdown clearly established the fact that it is possible to live without luxury products which are marketed by big corporates but agricultural produce is indispensable and healthy food is essential for enhancing one's immunity. She elicited the evil

effects of Green Revolution on the health of human beings and soil, although it brought international awards to few individuals. Dr Mall explained that Chemical farming are not only costly and exploitative for the illiterate and ignorant farmers but also pollutes the food chain through carcinogenic chemicals. Elaborately discussing her story of setting up an Organic Farm in Pingleshwar Village from scratch to getting MP government's certification she enumerated the economics of organic farming entrepreneurship for Atmanirbhar and Vocal for Local programmes.

Presidential address was delivered by principal Dr Ulka Yadav. The technical session was followed by a question and answer session by the participants through live Youtube streaming. The thematic introduction was given by Ourja Tapan and welcome address was given by Dr Nancy Chauhan. Guest introduction was given by Dr Nikhil Joshi. Programme was conducted by Dr Abha Dixit and vote of thanks was proposed by Dr Neeta Tripan.

# 'Biodiversity is necessary for our healthy existence'

## GGPGC holds national webinar on biodiversity conservation & its mgmt

FP NEWS SERVICE  
Ujjain

As per our religious scriptures there are 84 lakh species, excluding microbes, are living in harmony with each other in 34 ecosystems of 195 countries of the world. These forms the biodiversity which provides us food, shelter, home, medicine, energy, ecotourism etc and is necessary for our existence and also adds to wealth of our world. Biodiversity loss occurs due to loss of habitat, climate change and pollution etc. So it is necessary to conserve and manage biodiversity.

These were the views of Dr BN Pandey president of ZSI, as the chief guest of

the inaugural ceremony of the two day national webinar Biodiversity Conservation and its Management, organised by Zoology and Biotechnology Departments and IQAC of Government Girls' Post-Graduate College (GGPGC) in collaboration with Zoological Society of India (ZSI) and Society of Life Sciences (SLS).

The second speaker Dr UC Shrivastava Emeritus Professor, University of Allahabad, Prayagraj said that there are 5 animal kingdom types which are correlated in their evolutionary sequence for role in biodiversity conservation.

Third speaker Dr. IK Pal director HRDC, UGC Gas



Experts sharing their view during a two-day national webinar organised by the GGPGC FP PHOTO

University speaking on the topic faunal diversity and conservation with special reference to Antarctica told that blood of fishes of Antarctica does not freeze at very low temperature.

He talked about the scope of research that can be taken up there.

On second day fourth speaker Dr Sandeep Arya Professor of Institute of Environment and Develop-

ment Studies, Bundelkhand University Jhansi expressed his views on the topic Biodiversity Threats Significance and conservation approach in India. He told that India is rich in bio-

diversity Various threats to biodiversity are forest fire, crop waste burning, use of bio fuels and bio-energy fuel wood etc. At present corona virus epidemic is the best example of result of loss of habitat.

Fifth speaker Dr Vinita Shukla MD University Rohitak spoke on the topic biodiversity and conservation of animals. She told that each species has its own value and importance. We have 2.4% of geographical area of the world but herbivores are 8% of the total flora and fauna. There are 4 hotspots in India Western Ghats, Nicobar Islands, Assam and Meghalaya and eastern Himalayas. Government and NGOs should work together to manage the conservation of these hotspots.

Sixth speaker Dr Shivsh Pratap Singh of Govern-

ment Autonomous PG College, Satna said that biodiversity is providing us the necessary immunity booster plants and byproducts of animals. So only biodiversity is capable of surviving us in odd situations like Corona pandemic. Duty of human is to maintain biodiversity.

Principal Dr Ulka Yadav in her presidential address said that in this Covid-19 era biodiversity conservation is very important.

Over 4516 participants joined the webinar. Dr Leena Lakhani convener of the webinar and coordinator of Biotechnology department presented the theme and the concluding remarks. Vote of thanks was expressed by Dr Neeta Tapan. Dr Prithiba Akhand, Dr Saroj Ratnakar, introduced the guests. Sheeba Khan provided technical assistance.

## PLANTATION DRIVE COLLEGE BRAND AMBASSADORS ENCOURAGE STUDENTS TO PLANT SAPLINGS

Under the direction of National Service Scheme unit of GGPGC, brand ambassadors of the college, Chitrika Sharma and Neha Patidar, encouraged girl students and informed them about the Vayudoot app. The app was later downloaded by students. The students present were inspired, planted saplings and uploaded pictures of plantation on Vayudoot App. Principal Dr HL Anjwal, presiding over the programme. He delivered a motivational speech to students present and asked them to download Vayudoot App and plant more and more saplings. In this work, special support was given by professor of botany Dr Manoj Sisodia. The drive was conducted jointly by Dr Hemlata Chauhan of National Service Scheme programme officer, unit number 1 and Dr Chhaya Hardia of unit number 2.



NSS volunteers during the plantation drive FP PHOTOS

organised for the first time by their unit. In-charge principal Dr Anita Manchandia said that this was a unique event for NCC

cadets must be congratulated. IQAC coordinator Dr Neeta Tapan said that this was an addition to NCC regular activities.

## HERBAL COLOURS SALE IN GGPGC

FP NEWS SERVICE  
Ujjain

An exhibition-cum-sale of self-made eco-friendly Holi colours was organised by the students of the Department of Chemistry and Pharma Chemistry and Business Incubation Centre 'SYNERGY' of Government Girls' Post-Graduate College (GGPGC) under the Earn While Learn Scheme.

The programme was inaugurated by the Principal of the college, Dr HL Anjwal, who said that the

research and development done by the pharma students in developing the herbal Holi colours with the use of different flowers is praiseworthy. College staff including Dr Rashmi Bhargava, Dr Samina Qureshi, Dr GD Agarwal, Dr Neha Tripathi, Dharmesh Rathore and Kajal Pandey were present in the programme. The staff and students purchased the products and praised the gentle aroma and quality of the colours.

