

Govt. VYTPG Autonomous College, Durg (C.G)

Department of Botany

Session- 2020-21

Report for Value Added Certificate courses

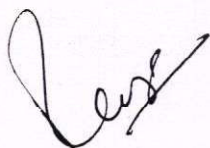
Value added certificate courses program was implemented by the dept. of Botany for the students of B. Sc 3rd yr, M. Sc 1st and 3rd Sem. for the session 2020-21 as a part of curriculum with the objective of to develop a strong foundation in fundamental science for scientific understanding A holistic development of academic excellence to contribute effectively to the understanding of plant sciences. To equip the students with the basic skills in identifying and labelling different plants.

The classes of the course were organised from 25th of Feb to 20th March 2021. The syllabus of the course consists of 4 modules, Module 1: Introduction to science and the methodology of science. Module 2: Experimentation in science. Module 3: Diversity of life and its classification. Module 4: Basic Botanical skills, Classes for Module 1 were taken by Dr. Satish Kumar Sen, for Module 2 by Dr. Vijay Laxmi Naidu, for Module 3 by prof. Gayatri Pandey, Dr. K. I. Toppo & Dr. Shriram Kunjam, for Module 4 by Dr. Ranjana Shrivastava (H.O.D), Dr. G. S Thakur & Dr. S. K Sen. Apart from the theory classes 1hr of Practical classes for each module were also organised. Total teaching hours included 24 hrs for theory and 6 hrs of Practical. Total 86 students were enrolled for this value added course. The classes were concluded with an online mode MCQs examination of 100 marks for 20 MCQs. Students securing 50 marks or above were rewarded with certificates.

The Value Added Education Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of students. The main objectives of the program are:


To provide students an understanding of the expectations of industry.

To improve employability skills of students of Govt. V. Y. T. P.G. Autonomous College, Durg.



GOVT. V.Y.T.P.G. AUTONOMOUS COLLEGE, DURG (C.G.)
DEPARTMENT OF BOTANY
15/03/2021




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

GOVERNMENT V. Y. T. PG. AUTONOMOUS COLLEGE, DURG

Department of Botany

(Session 2020-21)

Skill based Value Added Courses

Name of Course : Methodology of Plant Sciences

Course Structure :

1. Introduction
2. Objective & Scope
3. Syllabus
4. Duration of the courses
5. Time table
6. Scheme of Examination Regulation
7. Assesable outcome with assessment criteria


Introduction :

Value added courses :-

No university a part of curriculum can adequately cover all areas of importance or relevance. It is important for higher education institutions to supplement the curriculum to make students better prepared to meet industry demands as well as develop their own interests and aptitudes. Our college offers a wide variety of short term and also long term certificate courses which are conducted after class hours or during semester breaks. These courses are conducted by professionals and industry experts and help students stand apart from the rest in the job market by adding further value to their carriers.



PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Department of Botany

Government V. Y. T. P.G. Autonomous College, Durg

VALUE ADDED CERTIFICATE COURSE - 2021

Classes Time - Table

S.N.	Allotted Unit	Timing	Name of Professor's	Theory (hrs)	Practical's/ Hours	Dates
1.	UNIT - 1	4.00 to 5.00 pm	Dr. Satish Kumar Sen	Theory (04 hrs)	01 hrs	25,26,27 February
2.	UNIT - 2	4.00 to 5.00 pm	Dr. Vijay Laxmi Naidu	Theory (04 hrs)	01 hrs	28 Feb & 1, 2, 3 March
3.	UNIT - 3.	4.00 to 5.00 pm	Prof. Gayatri Pandey Dr. K. I. Toppo Dr. Shriram Kunjam	Theory (03 hrs) Theory (03 hrs) Theory (04 hrs)	01 hrs 01 hrs 01 hrs	4, 5, 6, 8, 9, 10, 11, 12, 13, 15 March
4.	UNIT - 4.	4.00 to 5.00 pm	Dr. Ranjana Shrivastava Dr. G. S. Thakur Dr. Satish Kumar Sen	Theory (02 hrs) Theory (02 hrs) Theory (02 hrs)	01 hrs	16, 17, 18, 19, 20, March 2021
				Total = 24 hrs	06 hrs.	

- Examination Pattern: Based on Multiple Choice Questions (MCQ).
 - Allotted Number of Students : 50
 - Classes based on online mode & most preferably Final year students.
 - Minimum 2 hrs per week (Date & Days will be flexible according to self time table).
- *if any change in time table, please inform.

Name of Professor's

- Dr. Gayatri Pandey
- Dr. K. I. Toppo
- Dr. G. S. Thakur
- Dr. Shriram Kunjam
- Dr. Vijay Laxmi Naidu

Dr. Satish Kumar Sen

Course-coordinator



Dr. Ranjana Shrivastava

Head, Department of Botany



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Syllabus:

Module 1: Introduction to science and the methodology of science (4 hrs)

Scientific method: steps involved - observation and thoughts, formulation of hypothesis; inductive reasoning - testing of hypothesis; deductive reasoning - experimentation - formulation of theories and laws.

Module 2: Experimentation in science (4 hrs)


Selection of a problem - searching the literature – designing of experiments - selection of variables, study area, and a suitable design. Need of control, treatments and replication. Mendel's experiments as an example of moving from observations to questions, then to hypothesis and finally to experimentation. Ethics in science.

Module 3: Diversity of life and its classification (10 hrs)


Diversity of life: two kingdom classification (Carolus Linnaeus, 1735); phylogenetic classification (August W Eichler, 1878); five kingdom classification (R H Whittaker, 1969). Three domains, six kingdom classification, (Carl Woese, 1990) – criteria for classification, general characters of each kingdom. The three domains of life: Archaea, Bacteria, Eucarya – general characters of each. Diversity of plants: study the salient features of algae, fungi, bryophytes, pteridophytes, gymnosperms and angiosperms.

Module 4 : Basic Botanical skills (6hrs)

Light microscope: dissection and compound microscope – parts and uses. Preparation of specimens for light microscopy - collection and preservation of plant specimens; killing and fixing; killing agents- formalin, ethyl alcohol; fixing agents - Carnoy's fluid, Farmer's fluid, FAA; herbarium (brief study only). Whole mounts and sections – hand sectioning – TS, TLS, RLS. Staining plant tissues: purpose; stains - safranin, acetocarmine, crystal violet. Temporary and permanent mounting, mountants.


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Objectives :

- To develop a strong foundation in fundamental science for scientific understanding.
- A holistic development of academic excellence to contribute effectively to the understanding of plant sciences.
- To equip the students with the basic skills in identifying and labeling different plants.
- To impart quality education in the field of botany enabling our students to confidently face the job market.
- To sensitize the students towards the need for keeping the environment clean and conserve our natural resources.
- Understand the universal nature of science and demonstrate the use of scientific method.
- To lay a strong foundation to the study in Botany and Impart an insight into the different types of classifications in the living kingdom.
- Appreciate the world of organisms and its course of evolution and diversity & Develop basic skills to study Botany in detail.
- To develop Skill in Practical work, Experiments, use of biological tools and techniques.
- To develop Problem solving skills in students to carry out innovative research projects thereby enkindling in them the spirit of knowledge creation.
- Proficiency in the use of recent and advanced biological technologies.
- Awareness to explore the intricacies of life forms at the cellular, molecular and nano level and inspire to disseminate the concept of biodiversity conservation .




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

REFERENCES

1. Carl R Woese, O Kandler, M L Wheelis, 1990. "Towards a natural system of organisms: proposal for the domains Archaea, Bacteria, and Eucarya". Proceedings of the National Academy of Sciences of the United States of America, 87 (12): 4576–4579.
2. Kenneth A Mason, Jonathan B Losos, Susan R Siger, 2013. Biology (IX Edn). McGraw Hill.
3. James B Reece, Lisa A Urry, Michael L Cain, Steven A Wasserman, Peter V Minorsky, Robert B Jackson, 2011. Biology (IX Edn). Pearson.
4. Peter H Raven, George B Johnson, Jonathan B Losos, Susan R Siger, 2005. Biology (VII Edn). McGraw Hill.
5. Scott Freeman, 2005. Biological Science. Pearson education international.
6. Teresa Audesirk, Gerald Audesirk, Bruce E Byer, 2005. Biology: Life on earth. Pearson.
7. Sylvia S Mader, 1990. Biology (III Edn). Wm Crown publishers.
8. Paul B Weisz. The Science of Biology. McGraw Hill.
9. James H Otto, Albert Towle. Modern Biology. Holt, Reinhart and Winston Publishers.
10. D J Taylor, N P O Green, G W Stout, 1997. Biological Science (III Edn). Cambridge.
11. A Practical Botany : Vol. I & Vol. II. 2009. Ashok Kumar

Outcome :

Value Added Courses

The Value Added Education Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of students. The main objectives of the program are:

- ✓ To provide students an understanding of the expectations of industry.
- ✓ To improve employability skills of students of Govt. V. Y. T. PG. Autonomous College, Durg
- ✓ To bridge the skill gaps and make students industry ready.
- ✓ To provide an opportunity to students to develop inter-disciplinary skills.

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Duration of the course : Total 30 hours

(24 hours teaching and 6 hours practical's.)

Scheme of Examinations :-

Number of Questions	20 questions (MCQs) of each module from theory portion.
Exam Mode	Online mode only
Type of questions	Objective type questions with 4 options and 1 correct answer
Duration of Exam	The exam duration is 60 minutes (1 hours)
Subjects	Questions are asked from syllabus.
Language	The question paper is asked in 11 languages English only.
Marking Scheme	4 marks are awarded for each correct answer.
Negative Marking	No Negative Marking.
Practical	20 questions (MCQs) of each module from practical's.
Maximum Marks	100
Minimum passing Marks	50

Practicals : (6 hrs)


1. Select an important classical experiment and find out the different elements of the methodology of science (e.g., Robert Koch experiment).
2. Conduct field surveys to identify and collect plant specimens to appreciate the diversity of plant kingdom. Submit five preserved specimens (in bottles and/or herbarium) belonging to diverse groups.
3. Identification of plants with vascular elements, plants which produce flowers, fruits, seeds, cone, sporophyll, embryos and study their salient features.
4. Prepare temporary, stained hand sections (TS, TLS, RLS) of plant specimens appropriate for light microscopic studies.



Principal
V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Name and Signatures of Members Board of Studies

S. N	Category	Name of Nominated Members	Signature
1.	Chairperson	Dr. Ranjana Shrivastava	
2.	Members	1. Prof. Smt. Gayatri Pandey	
		2. Dr. K. I. Toppo	
		3. Dr. G. S. Thakur	
		4. Dr. Shriram Kunjam	
		5. Dr. Satish Kumar Sen	
		6. Dr. Vijay Laxmi Naidu	
3.	Subject specialist	1. Dr. J.N. Verma (Govt. D.B. Girls PG College, Raipur C.G.)	
		2. Dr. N.B. Singh (Govt. N.PG. Science College Raipur C.G.)	
4.	VC Nominated member	Dr. Usha Chandel (Govt. W.W. Patankar Girls College Durg C.G.)	
5.	Corporate/ Industrial area Representative	Shri Rajesh Agarwal (Kusum Rice Mill Kadambari Nagar Dhamdha Road Durg)	
6.	Ex Meritorious Student PG	Ratnakar Upadhyay (Govt. V.Y.T. PG Autonomous College, Durg C.G.)	
7.	Subject expert from other Department	Dr. Anil Shrivastava (Govt. V.Y.T.PG. Autonomous College Durg C.G.)	


 HEAD
 DEPARTMENT OF BOTANY
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (C.G.)




 Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)

20.Bhavana Sahu	Chunni Lal Sahu	Bhuneshwari	6266481713
21.Laxmi Sinha	Shyam Sinha	Premlata Sinha	9098030125
22.Neha Singh Paikra	Chandrika Prasad Paikra	Sangeeta Singh	9171343750
23.Bharat Nirala	Daulal Nirala	Seema Nirala	6266597970
24.Mansi Verma	Jaganoo Verma	Ankalhin Bai	6261608281
25.Naina Toppo	Rajesh Toppo	Prafulla Toppo	9109477046
26.Jawahar Lal Verma	Mukund Ram	Kunti Bai	7773851305
27.Sushmita Yadav	Suresh Yadav	Mamta Yadav	9039503828
28.Nohar Singh	Kamlesh Kumar	Jamuna Bai	8963995406
29.Anjubala Thakur	Mahendra Thakur	Yashwanta Thakur	6263398112
30.Muniya Sahu	Mr.Nandkumar Sahu	Mrs. Rohini Sahu	8305589302
31.Chandresh Kumar	Rajendra Kumar	Bharti Bai	7611150588
32.Manju Shree Shukla	Rajkishor Shukla	Yogita Shukla	8349008498
33.Himanshi Nagpure	Ramesh Nagpure	Chandrakala Nagpure	7748034283
34.Parmeshwari Dewangan	Madhu Rama Dewangan	Gulaba Dewangan	8349257874
35.Manish Sinha	Rajendra Prasad Sinha	Prabha Devi Sinha	7648041904
36.Sadhna	Nandkumar Sahu	Rameshwari Bai	7725073305
37.Shilpa	Sushil Kumar	Rampati	8319913261
38.Churnika Sahu	Gangadhar Sahu	Ulsi Sahu	8718842906
39.pushpraj Deshmukh	Ramkumar Deshmukh	Tara Deshmukh	7089750052


[Signature]
 HEAD
 DEPARTMENT OF BOTANY
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (C.G.)



[Signature]
 Principal
 GOVT. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)

Students Name	Father's Name	Mother's Name	Mobile Number
1.Bhawani Shankar Yadav	Upendra Yadav	Urmila Yadav	9755614497
2.Laxmi Dewangan	Suresh Dewangan	Chameli Dewangan	7223950527
3.Levish Kumar	Ganpat Ram	Pili Bai	8827789992
4.Chhaya Netam	Santosh Kumar	Usha Bai	7909632094
5.Shreya Sharma	Madhup Sharma	Mamta Sharma	8450963357
6.Simran Rajput	Manoj Rajput	Madhu Rajput	9098320004
7.Akanksha Pawar	Dinesh Pawar	Vijay Laxmi Pawar	7898435912
8.Deepika Chandravanshi	Satyadev Chandravanshi	Perdesin Chandravanshi	9302166109
9.Manisha Sahu	Mr.kali Ram	Mrs Kumari Bai	6268152340
10.Pratima Bara	Silbanus Bara	Juleta Bara	6263475183
11.Sakshee jain	Dinesh jain	Hemalata jain	8815533757
12.Ekta Sahu	Komal Chand Sahu	Leela Bai	8770037415
13.Chanchal	Janulal Lahare	Bheleshwari	8269757932
14.Nisha Sahu	Rajkumar Sahu	Sohdra Sahu	7354716829
15.Sandeep Kumar	kamta prasad	Girja Bai	6268467023
16.Chandresh	Mr. Rambilash	Devali Bai	6267306967
17.Manisha Sahu	Mahendra Sahu	Bhuneshwari Sahu	6267842200
18.Damini	Panchu Ram Dhruve	Sukwaro	6268479723
19.Bhushan Nishad	Surjan Nishad	Anjani Nishad	6261656404




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

62.Bhagyashree verma	Harishchandra Verma	Usha Bai Verma	9770538316
63.Damini Sahu	Channbiram Sahu	Karuna Bai Sahu	6265470770
64.Kavita Sahu	Santosh Kumar Sahu	Neera Bai	6263331784
65.Anita	Surepal	Padma	6268444542
66.Anju	Mr.Mohit	Shashi	6263522449
67.Bhishek Sen	Narendra Sen	Neelam Sahu	6263298104
68.Tarinee Deshlahre	Mr.Mahesh Kumar Deshlahre	Mrs.kalindri Deshlahre	6264494581
69.Suraj janghel	Ishwar Janghel	Urawashi Bai Janghel	6261650349
70.pratibha Dewangan	Bhojram Dewangan	Gulaichi Dewangan	6261084219
71.Rupali Dhurandher	Shri Narayan Prasad Dhurandher	Mamta Dhurandher	9301243842
72.pooja Vishwakarma	Kamlesh Vishwakarma	Pinky Vishwakarma	7000672193
73.Geetanjali Sahu	Bharat. Ram Sahu	Prabha Sahu	9691161187
74.Preeti Sandilya	Satyanarayan Singh	Sughani	7806089499
75.Numita	Mr.Gunendra Kumar Sonboir	Mrs.Rupotin Bai Sonboir	8463856545
76.Padma Singh paikra	Amaranth Singh paikra	Lalita Singh paikra	6268277556
77.Lalita Thakur	Shri Uttam Singh Thakur	SMT.Champa Bai	7389639575
78.kajal Kumari	Krishna Sao	Meena Devi Sao	7723001695
79.Ganga Verma	Shri Narottam LAL Verma	Smt.Bodhani Verma	6268184945
80.Bhagvat Kumar Sahu	Ramesh Sahu	Komin Sahu	6267957894
81.Suranjana koreti	Ramvilas koreti	Sukantin Koreti	7489026678

[Handwritten signature]

DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



[Handwritten signature]
Principal
Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)

40.khileshwari	Vishnu	Kesam	9522618079,6261970305
41.Bharti pisda	Hameer Singh pisda	Radhika Pisda	7067043860
42.Sahita Mishra	Ravishankar Mishra	Geeta Devi Mishra	9755339332
43.Preeti Sahu	Hemdhar Sahu	Shail Sahu	9285016927
45.Preeti Sahu	Radhelal Sahu	Rameshwari Sahu	9111734059
46.Vishu Kumar	Mr. Baldau Sahu	Mrs. Sonkunwar Sahu	6267959318
47.Chaaya	Ayodhyaram	Shyambai	6267110801
49.Payal Thawre	Aanand Thawre	Rama Thawre	9993662875,9399608020
50.Soniya Soni	Kishor Kumar Soni	Yashoda Bai Soni	6267554967
51.Shaily Tamrakar	Prakash Chandra Tamrakar	Kavita Tamrakar	7869413025
52.Ratna	Sant Kumar Bharti	Sunita Bharti	9340348907
53.Preet Kumar Sinha	Sukhdev Kumar Sinha	Kanti Sinha	7000195287
54.Bharti Sahu	Mr.premuram Sahu	Meena Sahu	9171038372
55.Sonali Dewangan	Shanta Kumar Dewangan	Mamta Dewangan	7974827156
56.Babita Thakur	Birendra Kumar Thakur	Dropati Thakur	6265418125
57.Lukeshwari Verma	Yogendra Verma	Lalita Verma	7999749809
58.Maina Nishad	Prakash Nishad	Sarswatii Nishad	9630942758
59.kajal Sahu	Hari Ram Sahu	Santoshee Sahu	6261721797
60.Shikha kurre	Bhushan Kumar kurre	Poonam	9669570417
61.Pushpanjali	Ravindra Kumar Sahu	Asha Sahu	7999540214

Principal
V.Y.T.P.G. Autonomous
College, Durg (C.G.)



82.Bikram Biswas	Khokan Biswas	Sunita Biswas	7067515455
83.Karam Sudhamani	Karam dharmaiya	Karam Badro	9301628611
84.Dikeshwari Markam	Manohar Markam	Anita Markam	7723886200
85.Bhumika Sahu	Rajendra Sahu	Jankee Sahu	8839303448
86.Tikam pal	Bhukhan pal	Shyama Bai pal	9685178581

[Handwritten Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



[Handwritten Signature]

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG
DEPARTMENT OF BOTANY
SESSION: 2021-2022

Name and Signatures of Members Board of Studies

S. No.	Category	Name of Nominated Members	Signature
1.	Chairperson	Dr. Ranjana Shrivastava	
2.	Members	1. Prof. Smt. Gayatri Pandey	
		2. Dr. K. I. Toppo	
		3. Dr. G. S. Thakur	
		4. Dr. Shriram Kunjam	
		5. Dr. Satish Kumar Sen	
		6. Dr. Vijay Laxmi Naidu	
3.	Subject specialist	1. Dr. J.N. Verma (Govt. D.B. Girls PG College, Raipur C.G.)	
		2. Dr. N.B. Singh (Govt. N.PG. Science College Raipur C.G.)	
4.	VC Nominated member	Dr. Usha Chandel (Govt. W.W. Patankar Girls College Durg)	
5.	Corporate/ Industrial area Representative	Shri Rajesh Agarwal (Kusum Rice Mill Kadambari Nagar Dhamdha Road Durg)	
6.	Ex Meritorious Student PG	Ratnakar Upadhyay	
7.	Subject expert from other Department	Dr. Anil Shrivastava (Govt. V.Y.T.PG. Autonomous College Durg C.G.)	



[Handwritten signature]

[Handwritten signature]
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

4. Edmond Musser & Andres, Fundamentals of Horticultures, McGraw Hill Book Co., New Delhi.
5. Agrawal, P.K. 1993 Handbook of seed technology. Deptt. of Agriculture and Co-operation, National Seed Corporation Ltd., New Delhi.
6. Janick Jules. 1979 Horticultural Science (3rd Ed.), W.H. Freeman and Co. San Francisco.


PRACTICAL

1. Practice of grafting, budding, cutting and layering, anatomical studies of rooting of cuttings and grafting union, planning and layout for commercial nursery,
2. Sample seed testing, use of bioregulators in propagation, sterilization of equipments and laboratory,
3. Media preparation, selection and preparation of explants, meristem culture and micrografting, planning and layout of experiments on various aspects of propagation.
4. Visit to tissue culture labs and nurseries.


COURSE OUTCOME:

On successful completion of this course, the students will be able to perform soil and plant nutrients management activities, make compost, perform nursery planning and management activities, perform plant protection activities, be familiar with various gardens, perform garden development activities, maintain garden and garden plants, propagate the plant, arrange and decorate house plants, prepare and maintain the lawn, market plants, perform communication and professionalism development activities, and perform entrepreneurship development activities

Course Coordinator: Dr. Shriram Kunjam


 PROFESSOR & HEAD
 DEPARTMENT OF BOTANY,
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (C.G.)




 Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)

GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE DURG (CHHATTISGARH)

DEPARTMENT OF BOTANY

SESSION:2021-2022

NAME OF COURSE: NURSERY AND GARDENING

SYLLABUS

Module 1: (4 Lectures)

Nursery: Definition, objectives and scope and building up of infrastructure for nursery, planning and seasonal activities- planting, direct seedling and transplants.

Module 2: (6 Lecture)

Seed: Structure and types- Seed dormancy; Causes and methods of breaking dormancy- Seed storage: Seed banks, factors affecting seed viability, genetic erosion- Seed production technology- seed testing and certification.

Module 3 (6 Lectures)

Vegetative Propagation: air- layering, cutting, selection of cutting, collection, season, treatment of cutting, rooting medium and planning of cuttings- hardening of plants- greenhouse- mist chamber, shed root, shade house and glasshouse.

Module 4 (8 Lectures)

Gardening: Definition, objectives and scope- a different type of gardening – landscape and home gardening- parks and its components- plant materials and designing- computer application in landscaping- Gardening operation: soil, laying, manuring, watering management of pests and diseases and harvesting.

Module 5 (6 Lectures)

Sowing/raising of seed and seedlings- Transplanting of seedlings- a study of cultivation of different vegetables: cabbage, brinjal, ladyfinger, onion, garlic, Storage and marketing procedure.

SUGGESTED READINGS

1. Bose T.K. and Mukherjee, D. 1972 Gardening in India, Oxford & IBH Publishing Co. New Delhi.
2. Sandhu, M.K., 1989, Plant Propagation, Wile Eastern Ltd., Bangalore, Madras.
3. Kumar, N., 1997, Introduction to Horticulture, Rajlaxmi Publications, Nagercoil.

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)




TEACHING LEARNING METHODOLOGIES


- The methods of teachings for garden designing program will be a combination of several approaches such as illustrated lecture, group discussion, demonstration, simulation, guided practice, practical experiences, fieldwork and other independent learning.
- Theory: lecture, discussion, assignment, group work.
- Practical: demonstration, observation, guided practice, independent practice.

Syllabus and Marking Scheme.

Paper No.	Title of the Paper	Marks Allotted
I	Theory	80
II	Practical	20
Total		100
SCHEME OF EXAMINATION:		
Number of questions	20 Questions from the theory module.	
Mode of Examination	Online/Offline as per situations	
Types of question	Multiple Choice Questions (MCQs)	
Duration of Exam	The exam duration is 60 minutes (1 hours)	
Language of Exam	Hindi/English	
Marking Scheme	4 marks are awarded for each correct answer. No negative marking	
Practical Examination	20 questions (MCQs) from practical module	


PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE, DURG (CHHATTISGARH)
DEPARTMENT OF BOTANY
SKILL BASED VALUE ADDED COURSE
NAME OF COURSE: NURSERY AND GARDENING
SESSION: 2021-2022

INTRODUCTION

This curriculum provides skills and knowledge necessary for nursery and garden expert. There will be both demonstration by trainers/instructors and opportunity by students to carry out the skills/tasks necessary for this level of technical workforce. Students will practice and learn skills by using typical tools, materials and equipment necessary for this program. This curricular program includes tasks/skills and related technical knowledge necessary for nursery and gardening. Our college offers a wide variety of short term and also long-term certificate courses which are conducted after class hours or during semester breaks. These courses are conducted by professionals and industry experts and help students stand apart from the rest in the job market by adding further value to their carriers.

OBJECTIVE

The Value-Added Education Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of students. The main objectives of the program are:

- To impart basic knowledge and develop skills about propagating different types of plants by seed, cuttings, budding and grafting, separation, division, layering as well as micro-propagation in commercially viable way.
- To provide basic knowledge about tools, equipment's and growing structures used in nursery for plant production.
- To impart knowledge on establishment of commercial plant tissue culture unit.
- To provide an opportunity to students to develop inter-disciplinary skills.

DURATION OF THE COURSES: Total 30 hours

(24 hours teaching and 06 hours practical)

Principal
GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE
DURG




**GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE, DURG(CHHATTISGARH)
DEPARTMENT OF BOTANY
SESSION: 2021-2022**


**SKILL BASED VALUE ADDED COURSE
NAME OF COURSE: NURSERY AND GARDENING**

Course Structure:

1. Introduction
2. Objective & Scope
3. Syllabus
4. Duration of the courses
5. Teaching learning methodologies
6. Scheme of Examination Regulation
7. Assessable outcome with assessment criteria


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Guest Lecturer (Dr. R. C. Dubey)

Date: - 16/01/2021

Resource Person – Dr. R. C. Dubey (Gurukul Kangri University, Haridwar)

Organized By – Department of Botany

Attended By – All the faculties of department of Botany, Biotechnology & Microbiology & Students of M.Sc. I Semester & III Semester of Botany & Biotechnology.

Purpose –


1. To make the students aware of topics and methods of biotechnology & genetic Engineering.
2. To make students familiar with the professors & Resource person of other institutions for their betterment.
3. To create a cordial relation between our college & other institution.
4. To get benefited with the knowledge of Resource – Person.
5. To get acquainted with the teaching techniques of Resource Person for creating innovations in our teaching methods.

Outcome –


1. Students became benefited with the knowledge of Resource Person.
2. It created a leaning atmosphere specially for students.
3. Students found it interesting and they involved themselves completely in cleaning their doubts.
4. Students gave their opinion in the form of feedback that such kind of academic activities creates atmosphere of learning & interaction with knowledgeable person.

Suggestions –

1. The Resource Person Dr. R. C. Dubey was overwhelmed with the participation of students and suggested the students to leave their hesitation and come forward to quench their thirst of learning & curiosity.
2. The HOD of Department of botany Dr. Ranjana Shrivastava suggested the students to share their views and opinions regarding the programme.
3. The organizing secretaries Dr. G. S. Thakur & Dr. Vijay Laxmi Naidu suggested the students to make notes on the topics, taught by Dr. R. C. Dubey and get ready for their individual seminar.
4. The other faculty members of department of Botany and Biotechnology like Professor Gayatri Pandey, Dr. K. I. Toppo, Dr. Anil Shrivastava, Dr. SreeramKujam & Dr. Satish Sen appreciated the students for their active participation.


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

GUEST LECTURE FOR ALL M.Sc. STUDENTS

GUEST- Dr. R.C. DUBEY S
GURUKULA KANGRI VISHWAVIDYALAYA
HARIDWAR (UTRAKHAND)



Guest Lecturer (Dr. R. C. Dubey) 16/01/2021 List Students

Aarti Sahu
Dharmendra
Kumar
Draupati Kosare
Geetika
Gopal Prasad
Heena Dhiwar
Hemlata
Jyoti Sinha
Karuna Sonkar

Kavita Gupta
Kusumlata
Lekeshwari
Mandavi
Lokeshwari
Dewangan
Manisha Gajbhiye
Manorama
Neetu
Payal Kokila

Priyanka
Priya Sahu
Rashmi
Mandhariya
Resma Kuraiti
Tameshwari
Dewangan
Umashankar

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Invitation

Nb 108/21

Dt 13-01-21

To,

Prof. R.C Dubey

Gurukul Kangri University

Haridwar.

Respected Sir

We are pleased to invite you for delivering a guest leacture for our M.Sc (Botany) Students. On (16.01.2021) Between 11am-2pm. In this regard you have given your kind concent over telephone . Your expertise and experience in this field of work will be an excellent addition to our programme.

We look forward for your positive response.

HOD

Department Of

Botany

Principal

Govt. V.Y.T PG Auto.

College Durg

Principal

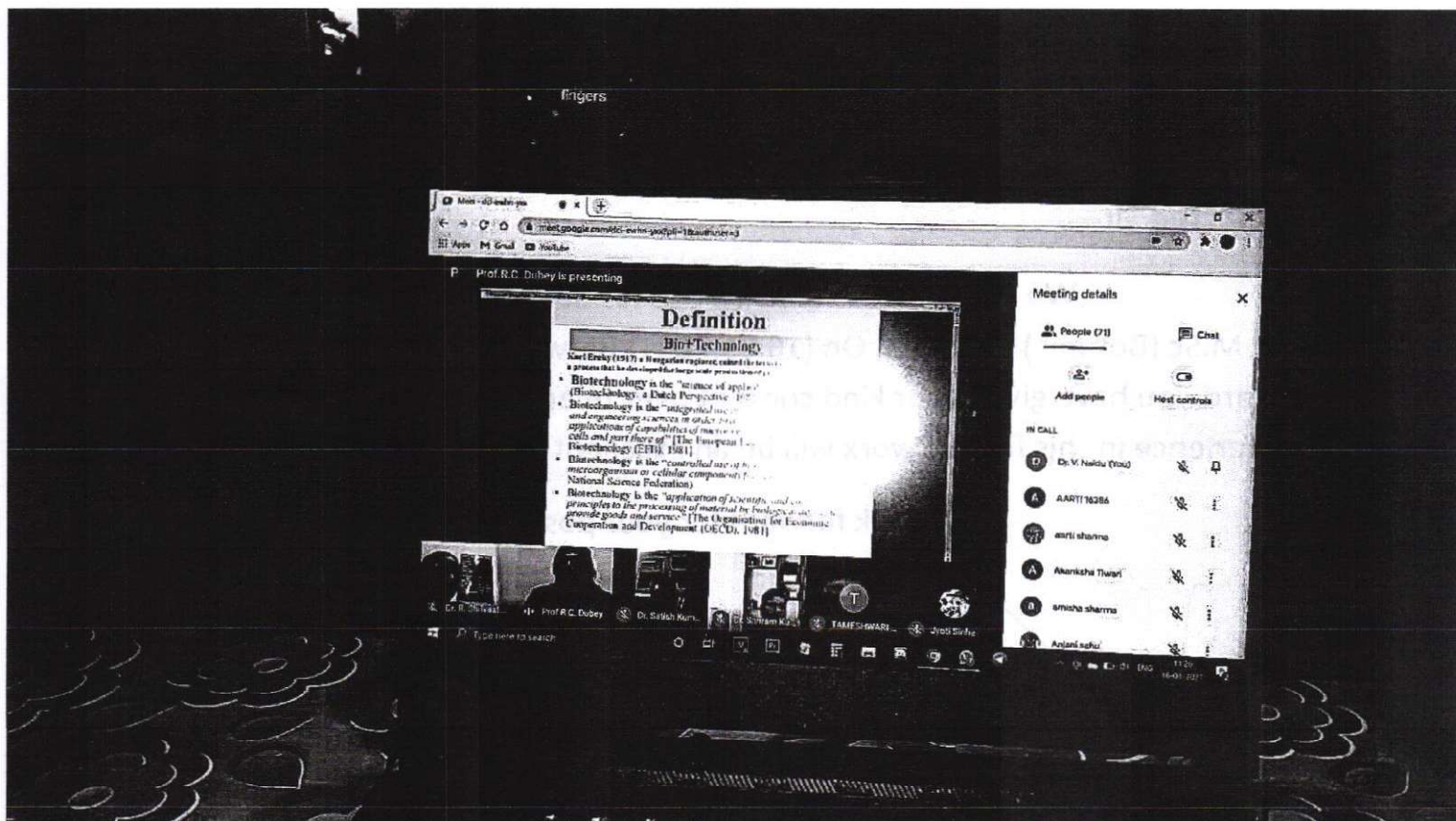
Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal

Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

To,

The Principal

Govt.V.Y.T. P.G. Autonomous College

Durg C.G.

Sub.- To accord permission to organise "Guest Lecture".

Respected Sir,

With due respect I have to inform your goodself that we are planning to organize a guest lecture on 16/01/2021, Saturday .Prof.R.C.Dubey of Gurukul Kangri Uni.Haridwar has given his kind consent for delivering an online lecture for M.Sc.,Botany students .I therefore request you to please give your kind permission for this.

Thank you

Perit Kapoor

Principal

Govt VYTPG Autonomous
College Durg (C.G.)

Dr. Ranjana Shrivastav

HOD

Dr.Ranjana Shrivastav

Dept. Of Botany

Govt. V.Y.T. P.G.Autonomous

College Durg C.G

~~Principal~~

Govt VYTPG Autonomous
College Durg (C.G.)



Principal
Govt VYTPG Autonomous
College, Durg (C.G.)

fingers

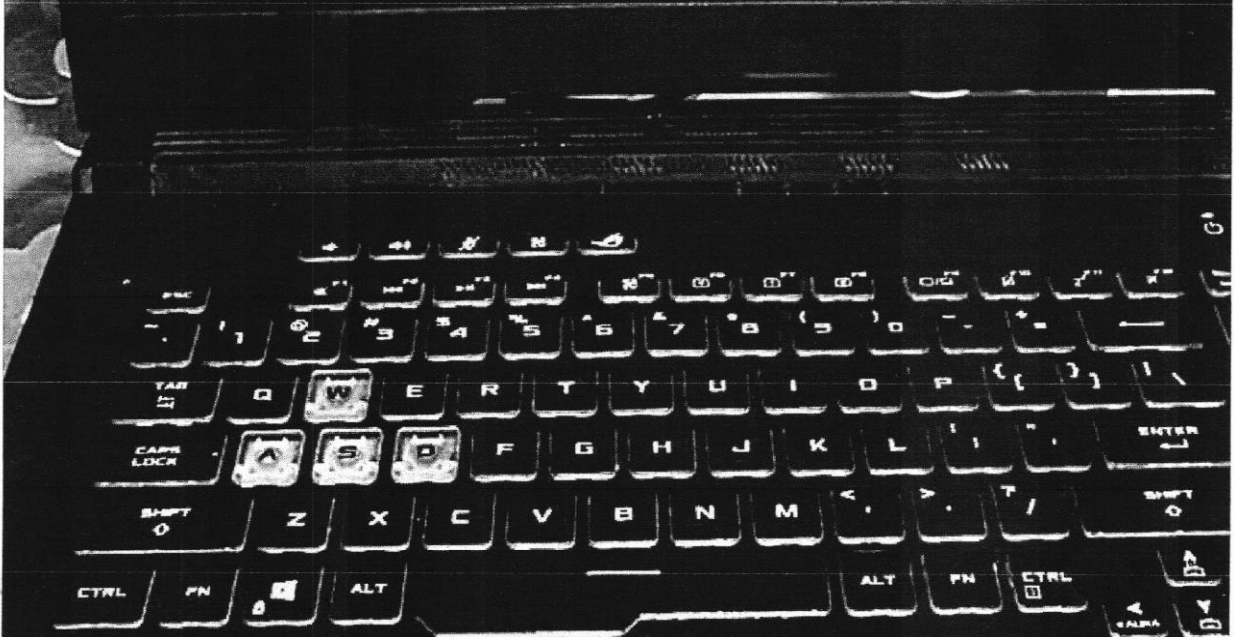
Meet - do-ewh...
meet.google.com/do-ewh...
Apps Gmail YouTube

Meeting details
People (71)
Add people
Host co

IN CALL
Dr. V. Nanda (You)
AARTI 10106
aarti sharma
Akanishya Thwart
arusha sharma
Anand kahu

aarti sharma
TAMESHWARI 16394
Prof. R.C. Dubey
Nikhil Mishra
Dr. R. Shrivastava
Dr. Shrinani Kunjam
Kuldeep Jaiswal
Dr. Satish Kumar Sen
Jyoti Sinha

Type here to search



Principal
VYTPG Autonomous
College, Dig (C.O.)

कार्यालय प्राचार्य
शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय, दुर्ग (छ.ग.)
[पूर्वनाम: शासकीय कला एवं विज्ञान महाविद्यालय, दुर्ग (छ.ग.)]
नैक ग्रेड-ए+, सी.पी.ई.-फेस-3, डी.वी.टी.-स्टार कालेज
फोन नं. 0788-2359688, फैक्स नं. 0788-2359688,
Website: www.govtsciencecollegedurg.ac.in

दिनांक 16.01.2021

प्रेस विज्ञप्ति

साइंस कॉलेज, दुर्ग के वनस्पतिशास्त्र विभाग द्वारा
बायोटेक्नॉलाजी के महत्व पर ऑनलाईन आमंत्रित व्याख्यान
आयोजित



शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय, दुर्ग के वनस्पतिशास्त्र विभाग द्वारा 'बायोटेक्नॉलाजी के महत्व' विषय पर एक ऑनलाईन आमंत्रित व्याख्यान आयोजित किया गया। यह जानकारी देते हुए महाविद्यालय के प्राचार्य डॉ. आर. एन. सिंह ने बताया कि गुरुकुल कांगड़ी विश्वविद्यालय हरिद्वार के प्राध्यापक डॉ. आर. सी. दुबे ने अनेक उदाहरणों के माध्यम से बायोटेक्नॉलाजी के महत्व संबंधी महत्वपूर्ण जानकारी प्रतिभगी प्राध्यापकों एवं विद्यार्थियों को दी।

आयोजन समिति की संयोजक वनस्पतिशास्त्र विभाग की प्रमुख डॉ. रंजना श्रीवास्तव ने व्याख्यान के आरंभ में अपने स्वागत भाषण में वनस्पतिशास्त्र विभाग द्वारा कोविड-19 संकट की अवधि में भी छात्रहित में आयोजित अनेक रचनात्मक गतिविधियों की जानकारी दी। व्याख्यान का संचालन करते हुए वनस्पतिशास्त्र की सहायक प्राध्यापक डॉ. विजयलक्ष्मी नायडू ने बायोटेक्नॉलाजी का आरंभ एवं दैनिक जीवन में अनुप्रयोग की जानकारी दी। अपने आमंत्रित व्याख्यान में हरिद्वार के डॉ. आर. सी. दुबे ने बायोटेक्नॉलाजी में रोजगार एवं रिसर्च की संभावनाओं की जानकारी देते हुए बताया कि कपास, सब्जियां, दवाईयां, हर क्षेत्र में दैनिक गतिविधियों में बायोटेक्नॉलाजी का उपयोग होता है। टिशू कल्चर, ट्रांसजैविक पौधे, डी.एन.ए तकनीक तथा जेनेटिक रूप से परिवर्तित पपीते की रोचक जानकारी प्रदान करते हुए डॉ. दुबे ने साइंस कॉलेज के वनस्पतिशास्त्र एवं बायोटेक्नॉलाजी विभाग के समस्त स्नातक, स्नातकोत्तर विद्यार्थियों तथा पी. एच.डी. स्कालर्स द्वारा पूछे गये प्रश्नों के उत्तर देकर उनकी जिज्ञासा का समाधान किया। वनस्पतिशास्त्र विभाग के सहायक प्राध्यापक डॉ. जी. एस. ठाकुर ने धन्यवाद ज्ञापित करते हुए बायोटेक्नॉलाजी क्षेत्र में भविष्य की संभावनाओं का उल्लेख किया इस ऑनलाइन व्याख्यान में डॉ. गायत्री पाण्डेय, डॉ. के. आई. टोप्पो, डॉ. सतीश सेन, डॉ. श्रीराम कुंजाम सहित महाविद्यालय के अन्य विभागों के प्राध्यापक भी बड़ी संख्या में उपस्थित थे।

प्रति,

संपादक/ब्यूरो चीफ

दैनिकदुर्ग

इस निवेदन के साथ कि कृपया इसे जनहित में समाचार के रूप में प्रकाशित करने का कष्ट करें।

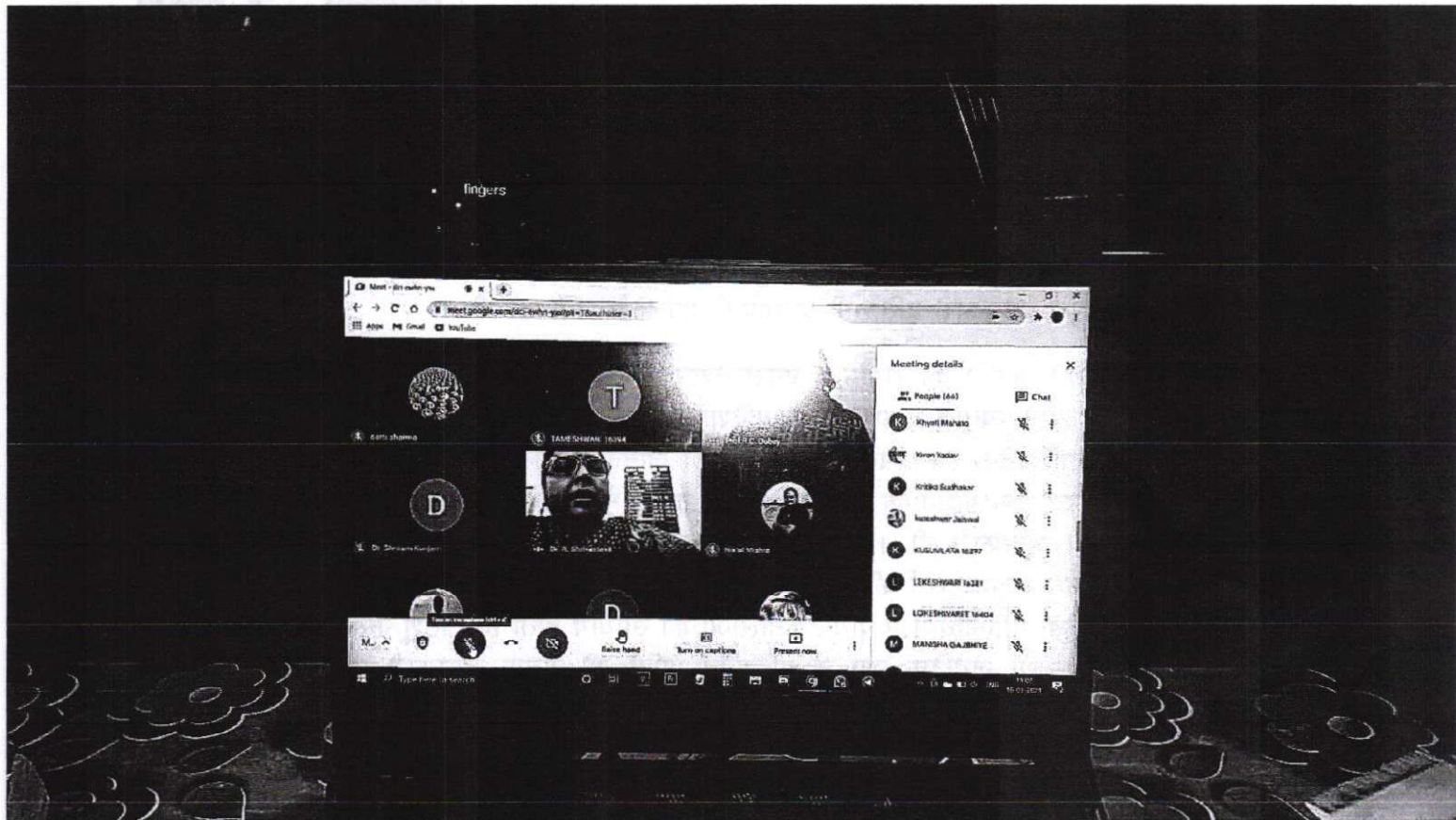
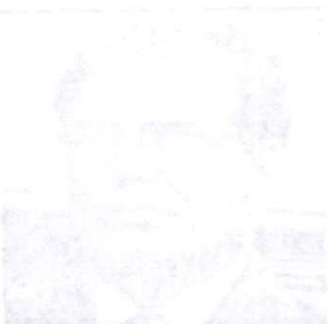
PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



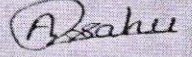
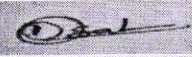
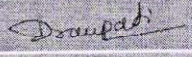
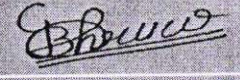
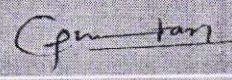
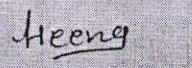
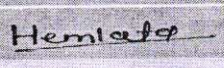

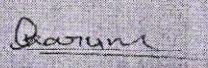
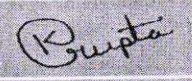
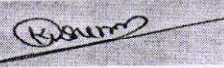

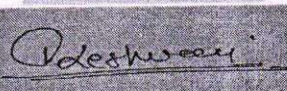
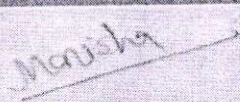

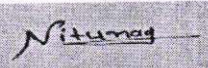

प्राचार्य

शासकीय विश्वनाथ यादव तामस्कर स्वशासी महावि.
दुर्ग (छ.ग.)

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Me
Principal
V.Y.T.P.G. Autonomous
College, Durg (C.G.)

S.no	Name of students	Signature
1	Aarti sahu	
2	Dharmendra Kumar	
3	Draupati kosare	
4	Geetika	
5	Gopal prasad	
6	Heena dhiwar	
7	Hemlata	
8	Jyoti sinha	
9	Karuna sonkar	
10	Kavita gupta	
11	Kusumlata	
12	Lekeshwari mandavi	
13	Lokeshwaree dewangan	
14	Manisha gajbhiye	
15	Manorama	
16	Nitu	
17	Payal kokila	

Principal
Govt. V.Y.T.P.G, Autonomous
College, Durg (C.G.)

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



18	Priyanka	<u>Priyanka</u>
19	Priya sahu	<u>Priya</u>
20	Rashmi mandharia	<u>Rashmi</u>
21	Reshama kuraiti	<u>Reshama</u>
22	Tameahwari dewangan	<u>तमिश्करी</u>
23	Umashankar	<u>उमेशकर</u>
24	Vamini	<u>वामिनी</u>

[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

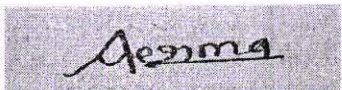
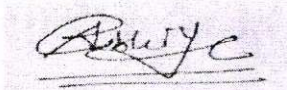
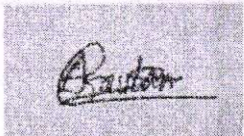
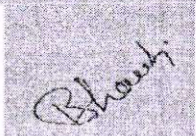
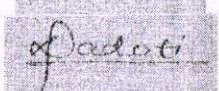
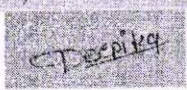
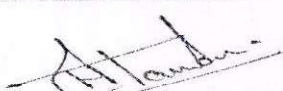

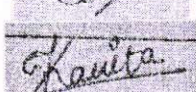


[Signature]

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

[Signature]

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

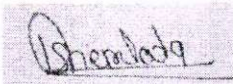
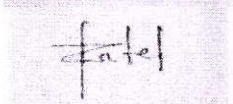

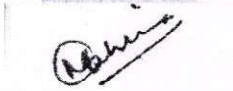
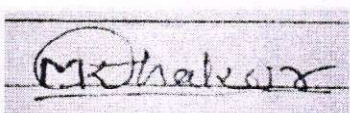
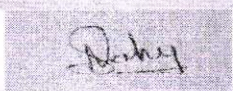

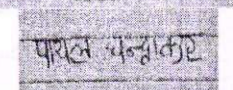

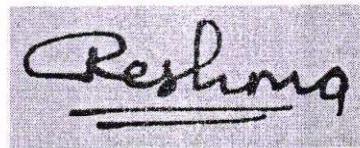
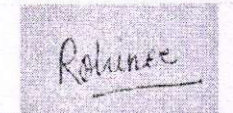
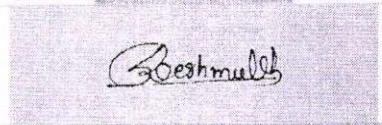
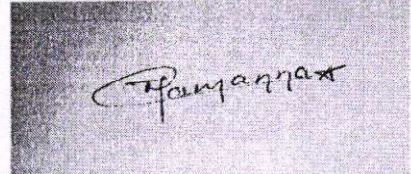
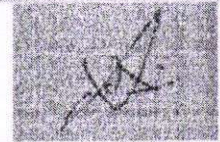
S.no	Name of students	Signature
1	Ajay kumar Verma	
2	Ankit Gajbhiye	
3	Ashwin Gautam	
4	Bharti Nareti	
5	Deepanshu Padoti	
6	Deepika Malendra	
7	Himani Tandon	
8	Jaya Sahu	
9	Kavita Dilliwar	



PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

10	Khemlata Gajpal	
11	Leminee Patel	
12	Madhu Yadav	
13	Mahima Sinha	
14	Mukesh kumar Thakur	
15	Neha Sahu	
16	Nitin Kumar Dindore	
17	Payal Chandrakar	
18	Poornima Sahare	
19	Reshma Mandavi	
20	Rohinee Latiya	
21	Sandhya Deshmukh	
22	Tamanna Gawade	
23	Vidhi Namdeo	



PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

24

Vineeta Deshmukh

Vineeta

25

Yashwant Verma

YV

[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



[Signature]

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Guest Lecture

Date: 25.feb2019

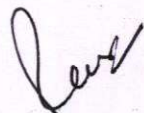
Topic: CRISPER -9 Technologies

Venue: - Smart Class, Department of Botany.


Aim of Lecture: - learn about defence mechanism and immune system by CRISPER – 9 Technologies.

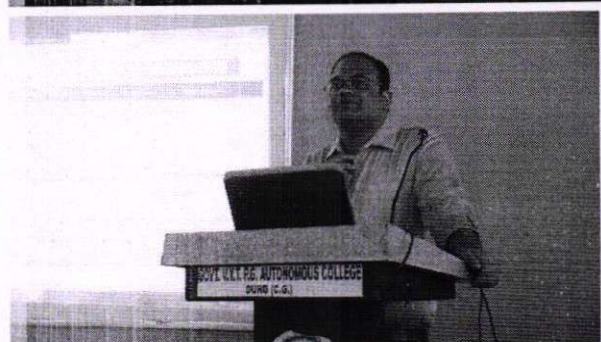
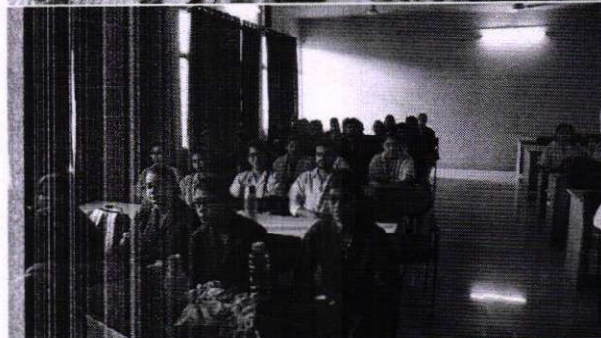
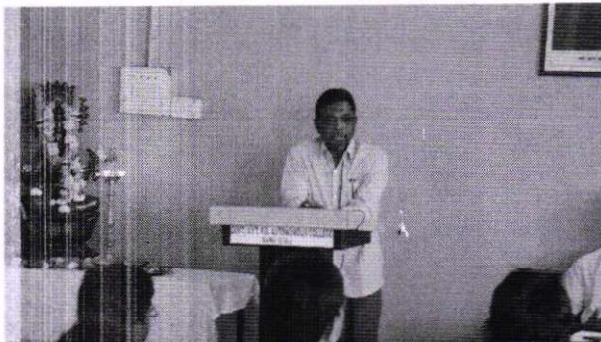
Outcome of Lecture: - To learn about how to work defence mechanism and immune systems.

Dr. Ankit Singh, Assistant Professor, (IIT-Kharagpur) Jamia- Milia University, New Delhi, delivered a lecture on Crisper-9 technology and its importance. He explained about basically CRISPR is the acronym for 'clustered regularly interspaced short palindromic repeats'. The technology is a targeted tool used to edit genomes with unparalleled precision, efficiency, and flexibility. While many of us might think that CRISPR was discovered by humankind, this is not the case. He also talks about CRISPR has in fact long been part of bacterial immune systems as a defence mechanism against invading phages/viruses. Upon invasion by any virus, a bacterium's defence system creates unique repeated sequences of DNA with short sequences of spacers. These spacers are derived from the DNA of viruses after their first bacterial attack.


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Leet
 PROFESSOR & HEAD
 DEPARTMENT OF BOTANY
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (G.G.)



Ne
 Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (G.G.)

5. No

Aarati Sahu

अरती साहू

3. Bhoomika Deshmukh

4. Chitankant

5. Deepa Mehra

6. Devendra Nimalkar

7. Dilekshar

8. Dushyant Kumar

9. Jyoti Sahu

10. Karishma

11. Lalima Korram

12. Mahima Korram

13. Manjusha pal

14. Neelam Mrichanday

15. Nisha

16. Prabha Kasse

17. Shanti Roshni

18. Somnath Basle

19. Tameshwari Tekam

20.

21. Trishna devi

22. Usha sinha

23. Vidya & Yamini

24. Vikshwar

25.

भूमिका

Chitankant

Deepa

Devendra

Dilekshar

Dushyant

Jyoti Sahu

Karishma

Lalima

Mahima

Manjusha

Neelam

Nisha

Prabha Kasse

Shanti Roshni

Somnath

Tameshwari

Tekam

Trishna Sahu

Usha

Vidya

Yamini

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Deerika

Kyordan

Sahy.

[Signature]

Shreddha

Sarita

Bkaj daj

Deceals'

Charles

Q

lazman

Pyherauf

Quinn



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Guest Lecture

Date- 19/10/2019

Venue: - Smart Class, Department of Botany.

Aim of Lecture: - To know about "Intellectual Property Rights".

Outcome of the Lecture: - learn about Patent techniques,

Guest lecture organized by Department of botany, Govt.V. Y. T. PG. Autonomous College, Durg, Chief spokes person Dr. Sushil Kumar Shahi, Associate Pofessor & Head, Botany of Department, Guru Ghasidas University, Bilaspur (CG) Specialization :- Microbial Technology, Herbal drug development, Environmental Microbiology, Nano biotechnology, Rural development technology. Lecture mainly based on "Intellectual Property Rights". Dr. Sahi said current time research mainly focused on patent in biological science and they are talk about simply methods of patent technique.



[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



[Signature]
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

OFFICE OF THE PRINCIPAL
GOVT. V.Y.T.P.G. AUTONOMOUS COLLEGE, DURG 491001(C.G.)
(Former Name – Govt. Arts & Science College, Durg)
NAAC Grade-A+, CPE Phase-III, DBT-Star College
Ph.: 0788-2359688, Fax: 0788-2359688
Website: www.govtsciencecollegedurg.ac.in

No./ 1332/19

Durg, Dated 12/10/2019

To,

Dr. S.K. Sahi
Associate Professor & Head
Department of Botany,
Guru Ghasidas Central Univeristy
Bilaspur (C.G.)


Subject :- Invitation Letter.

Respected Sir,

We are happy to inform you that department of Botany Govt. V.Y.T. PG Autonomous College Durg is going to organize a guest lecture programme on 19.10.2019. So, you are cordially invited as a guest speaker of our departmental programme. You are most welcome sir.


Time :- 11.30 A.M.

Venue :- Department of Botany (UG Lab)


Head
Dr. Ranjana Shrivastava

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Dr. R. N. Singh

Principal
Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)


Govt. V.Y.T.P.G. Autonomous
College, Durg

Guest Lecture

Date- 19/10/2019

Venue :- Smart Class, Department of Botany.

Guest lecture organized by Department of botany, Govt.V. Y. T. PG. Autonomous College, Durg, Chief spokes person Dr. Sushil Kumar Shahi, Associate Pofessor & Head, Botany of Department, Guru Ghasidas University, Bilaspur (CG) Specialization :- Microbial Technology, Herbal drug development, Environmental Microbiology, Nano biotechnology, Rural development technology. Lecture mainly based on "Intellactual Property Rights". Dr. Sahi said current time research mainly focused on patent in biological science and they are talk about simply methods of patent technique.

- 1) लक्ष्मी देवांगन लक्ष्मी देवांगन
 2) रेशमा कुरीली Reshama
 3) आरती साहू Arathi
 4) निरु नाग Niru
 5) Jyoti Senha
 6) Nepal prasada vietam
 7) Vamini
 8) Umashankar
 9) RASHMI
 10) Geetika
 11) Payal
 12) Lokeshwari Mandavi
 13) Lokeshwari Dewangan Lokeshwari
 14) Karuna Sonkar
 15) Heena Phiwari
 16) Priya Sahu
 17) Manorama
 18) Manorama

Prof.

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal

GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

डिप्लोमरी साइ - डिप्लोमरी

M, SC, III sem

Tameshwari Tekam टेकम

Mahima Korram कोरराम

Trishna Sahu शुभना

Shobhika Jeshmukh जेशमुक्ख

USHA SINHA शिन्हा

Harateer Sahu हारतेर

Prabha Kosse प्रबहा कोसे

Manjusha pal मंजुशा पल

Nisha निशा

Deepa Mehra दीपा मेहरा

Neelam नीलम

Tanu Chandrakar तनु चंद्रकार

Karishma Usendi करिश्मा उसेन्दी

Jamini Maskam जमिनी मास्कम

Lalima Korram ललिमा कोरराम

Likeshwar Dewangan लिकेश्वर देवंगन

Dushyant Kumar दुष्यंत कुमार

Somnath सोमनाथ

Devendra देवेंद्र

Neelam नीलम

Tanu तनु

Karishma करिश्मा

Jamini जमिनी

Lalima ललिमा

Likeshwar लिकेश्वर

Dushyant दुष्यंत

Somnath सोमनाथ

Devendra देवेंद्र

Dev

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Ne
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (G.G.)

DEPARTMENT OF BOTANY



Guest Lecture

Guest Lecture

Date: 30.08.2018

Topic: Biotechnology and its applications

Venue: - Smart Class, Department of Botany.

Aim of Lecture: - Conserved our local flora by Biotechnology and its applications

Outcome of Lecture: - To learn about how conserved our local flora becoming endangered through vegetative propagation, tissue culture and cloning of plant genome

Dr. Vijay Mendhulkar, Professor & Head, Department of Botany, Institute of Science, Mumbai, delivered a lecture on biotechnology and its importance. He explained about biotechnology, various branches and application of biotechnology in different field like agriculture, horticulture, industries, pharmaceutical industries, drug development through gene cloning. He also talks about how to conserved our local flora becoming endangered through vegetative propagation, tissue culture and cloning of plant genome.

Suggestion: - they enjoy and wished to conserve our local flora before extinction.



PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

5. No

Aaratee Sahu

अरती साहू

3. Bhoomika Deshmukh

4. Chitankant

5. Deepa Mehra

6. Dhirendra Nimalkar

7. इलेखर

8. Dushyant Kumar

9. Jyoti Sahu

10. Karishma

11. Lalima Korram

12. Mahima Korram

13. Manjusree pul

14. Neelam Mrichanday

15. Nisha

16. Prabha Kasse

17. Shanti Rajput

18. Somnath Basle

19. Tameshwari Tekam

20.

21. Trishna devi

22. Usha sinha

23. Vidya & Yamini

24. Vikshwaraj

25.

भूमिका
Chitankant

Deepa

Dhirendra

इलेखर

Dushyant

Jyoti Sahu

Karishma
Lalima

Mahima

Manjusree

Neelam

Nisha

Prabha Kasse

Shanti Rajput

Somnath

Tameshwari

Trishna Sahu

Usha

Vidya

Yamini

Vikshwaraj

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Prof

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Name of student

Signature: ~~Deepika~~

Deepika Dilliwal

Deepika

Kanchan Yadav

K Yadav

Leena Sahu

Sahu.

Rina Mallick

~~Rina~~

Shradha Verma

Shradha

Sarita Masikande

(Sarita)

Bhojraj Verma

Bhojraj

Indrajcet

Deelali

DHALESHWAR

Dhalesh

Krishna Kumar Sides

Kumar

Laxman

Laxman

Rajkisan Dheruwal

Dheruwal

Rajkisan Dheruwal

Dheruwal

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Online National Webinar on Modern Aspects of Botanical Science

Date: - 19, 20/05/2021

The webinar was organized by Department of Botany of Govt. VYT PG college on Modern Aspects of Botanical Sciences

Report for Two day's webinar organized by department of botany. On the first day lecture was on "Genome sequencing" delivered by guest Speaker **Dr. Gaurav S Dave**, a research scientist from **sardarkrushinagar dantiwada agricultural university Gujarat**. He started his speech with the Introduction of **DNA sequencing** followed by History of sequencing, different methods of sequencing such as **Maxxam Gilbert method, Chain termination method, Pyrosequencing, bisulfite sequencing, Shotgun method sequencing**. He also talked about the **Genome annotations** which includes Structural and functional annotation. He also explained the challenges faced during sequencing the Genome and concluded with the opportunities genome sequencing will provide in near future including this pandemic and future researches.

On the 2nd day (19-20 May 2021) lecture was on "**Conservation Ecology**" and guest lecture Speaker was **Dr.G. Sahaya Anthony Xavier**, a research scientist from **St.Xavier's College palayamkottai Tamil Nadu**. **Dr. Satish kumar sen**, Asst. professor Govt. VYTPG autonomous college durg hosted the event and talked about how students from different states from all over India have also joined the event. **Dr. Vijay Laxmi Naidu** On the behalf of the Patron our principal **Dr. R.N Singh** addressed the webinar and talked why conservation is necessary.

HOD Dr. RanjanaShrivastava Madam welcomed the speaker **Dr.G. Sahaya Anthony Xavier** and spoke the aim behind this webinar to make people and students aware of the research opportunities available in Botanical sciences. **Dr. Thakur** introduced the speaker **Dr. G. Sahaya Anthony Xavier** to all the attendees. **Dr. G. SahayaAnthony Xavier** first congratulated the organizers for this beautiful effort of organizing national webinar on botanical sciences. He started his speech with the Introduction of **Origin of Universe and start of life on earth**. He talked about the **Earth's biodiversity and why we should conserve nature** and also enlighten the challenges faced due to Anthropogenic activities, Population explosion and their dependency on nature by which ecosystem is getting disturbed. **He concluded with the Species extinction and Goals of Conservation Ecology along with conservation projects like Project tiger, project elephant, vulture conservation etc.** Lecture was followed with Q/A session in which **Dr Sanju Sinha** Assistant professor of zoology of Govt. VYTPG Autonomous College Durg took part actively and to **Dr G. Sahaya Anthony** apart from her **Dr Radhamani** from **Bangalore** also raised the query. Students from all over India asked the question regarding different methods and strategies of conservation. In Q/A session **Swati Agrawal, Tameshwari,**

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Dharmedra, Aarti, Umashankar, Himanitondon, Shyamoo, Mahima Sinha, R. Vina, Reshmamandavi and someother students raised their question regarding the various aspects of ecological conservation. Participants join webinar through **Google meet application and YouTube live stream** and participants belongs to different states like Tamilnadu, Assam, Manipur, Arunachal Pradesh, Nagaland, Karnataka, Telangana, Kerala, Andhra Pradesh and also from different colleges of Chhattisgarh.

Dr K. I. Toppo, Professor Gayatri Pandey contribute as a co-conveyer and **Dr. Shriram kunjam** made valuable contribution as joint organizing secretary for this webinar. The concluding remarks for two day's webinar addressed by **Dr. Shriram Kunjam**, where he thanked everyone for their participation and in making this program successful and whole team work of Govt. V.Y.T. PG. Autonomous college durg who made this possible. The **vote of thanks was delivered by Mr Daneshwar Prasad** in which he also said thanks to the principal, HOD of department of botany, faculties of botany department, Research scholars and Students of departments who were actively involved to organize this webinar.

A special thanks to Mr Dilip Sahu Sir who contributed as a technical expert to organize this program.


In working Committee Members: Mr. Daneshprasad, Mr. Wasim Akram, Smt. Shanti Rajwade, Mr. Uday, Ms. Lumehswari, Ms. Swati Agrawal, Mr Ratnakar Upadhyay. Mr. Shayamoo, Ms. Frachi Gupta, Mr. Devendra Nirmalkar, Ms Kavita Gupta, Mr. Ashwin Gautam all participate actively in this webinar.

List Students


Aarti Sahu
Dharmendra
Kumar
Draupati Kosare
Geetika
Gopal Prasad
Heena Dhiwar
Hemlata
Jyoti Sinha
Karuna Sonkar

Kavita Gupta
Kusumlata
Lekeshwari
Mandavi
Lokeshwari
Dewangan
Manisha Gajbhiye
Manorama
Neetu
Payal Kokila

Priyanka
Priya Sahu
Rashmi
Mandhariya
Resma Kuraiti
Tameshwari
Dewangan
Umashankar


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



TWO DAYS NATIONAL WEBINAR ON "MODERN ASPECTS IN BOTANICAL SCIENCES"

College with Potential for Excellence (CPE) Phase-II By UGC

Awarded Star College by DBT, New Delhi

Organized by

Department of Botany

(in association with IQAC)

Speaker

Convener

Dr. Ranjana Shrivastava

Co-Convener

Mrs. Gayatri Pandey,

Dr. K. I. Toppo

Organizing Secretary

Dr. Satish Kumar sen

Joint Organizing Secretary

Dr. Shriram Kunjam

Executive Committee Members

Dr. G. S. Thakur

Dr. Vijay Laxmi Naidu

Technical Expert

Mr. Dileep Kumar Sahu

**Assistant Professor of Computer
Science.**



Dr. Gaurav S. Dave

Assistant Research Scientist (Biochemistry), Biochemistry Laboratory,
Pulses Research Station, Sardarkrushinagar Dantiwada Agricultural
University, Sardarkrushinagar - 385506.

Ta. Dantiwada District - Banaskantha, Gujarat, India.

Date:-19/05/2021, time:-11.00 a.m.

Topic:- Genome sequencing

Speaker



Dr. G. Sahaya Anthony Xavier's

M. Sc., SLET., Ph.D.,

Department of Botany

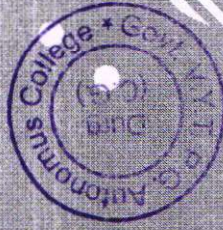
Associate Professor

St. Xavier's College (Autonomous)

Palayamkottai - 627002, Tamil Nadu

Date:-20/05/2021, time:-11:00a.m.

Topic:-Conservation Ecology



PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T. PG. AUTO
COLLEGE, DURG (C.G.)

Principal

Dr. T.P.G. Autonomous
College, Durg (C.G.)

Patron and Principal

Dr. R.N. Singh

Working Committee Members :-

Mr. Danesh, Ms. Lumeishwari,
Mr. Wasim Akaram, Mr. Uday,
Ms. Swati Agrawal, Mr. Ratnakar Upadhyay,
Mr. Shayamoo, Ms. Prachi Gupta,
Mr. Devendra Nirmalkar, Ms. Kavita Gupta,
Mr. Ashwin Gautam.
Mrs. Shanti Rajwade



Note:-

- > Registration is free
- > E-Certificate will be provided after submission of feedback form.
- > Webinar will be on google meet & youtube live streaming.

Registration Link: <https://forms.gle/o3vwaWEGKdcn9tFp6>

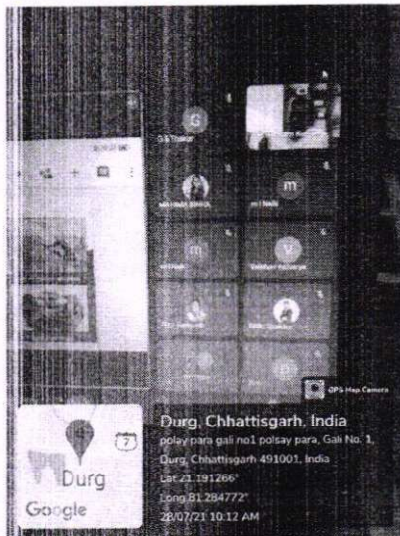
Join us in Telegram Group: https://t.me/joinchat/X7xa_FT13VM3NzM1

Tamaskar Post-Graduate Autonomous College, Durg is a leading higher education institute in Chhattisgarh. It is affiliated to Hemchandra Yadav University Durg. The college has been conferred with the status of autonomy by UGC in 1989. The college was accredited with grade 'A+' by NAAC in the second cycle and has been recognized by UGC as 'College with Potential for Excellence (CPE)', receiving the grant under the Phase of the scheme.

Department of Botany

The Department of Botany is one of the oldest departments of Govt. V.Y.T.P.G. Autonomous College and has been in the forefront providing quality education and training in the field for the past five decades

Two days Webinar



Prof. V. Y. T. P. G. Autonomous College
PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



वनस्पति शास्त्र विभाग द्वारा दो दिवसीय वेबीनार

हरिवृत्ति व्यूज ११ दुर्ग

शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर

स्वशास्त्री महाविद्यालय के वनस्पति शास्त्र विभाग द्वारा दो दिवसीय ऑनलाइन वेबीनार का आयोजन किया गया। महाविद्यालय के प्राचार्य डॉ.

आरएन सिंह तथा वनस्पति शास्त्र विभाग के विभागाध्यक्ष डॉ. जीएस ठाकुर ने बताया कि आयोजन का उद्देश्य वनस्पति शास्त्र विषय में विद्यार्थियों को नवीनतम जानकारी उपलब्ध कराना था। वेबीनार के आरंभ में विभागाध्यक्ष डॉ. रंजना श्रीवास्तव ने वेबीनार के महत्व एवं उसकी वर्तमान प्रासंगिकता पर प्रकाश डाला।

कार्यक्रम का संचालन आयोजक सचिव वनस्पतिशास्त्र विभाग के सहायक प्राध्यापक डॉ. सतीश सेन ने किया। उन्होंने कहा कि राष्ट्रीय वेबीनार में 10 विभिन्न प्रदेशों तमिलनाडु, आसम, मणिपुर, अरुणाचल प्रदेश, नागालैंड, कर्नाटक, तेलंगाना, केरल, आंध्रप्रदेश तथा छत्तीसगढ़ के



महाविद्यालयों के प्राध्यापकों, विद्यार्थियों तथा शोधकर्ताओं ने हिस्सा लिया। प्रथम आमंत्रित व्याख्यान में जीनोम अनुक्रमण पर जानकारी देते हुए सरदार कोसी नगर कृषि विश्वविद्यालय गुजरात के डॉ.

गौरव एस दवे ने जीन विज्ञान तथा उनकी विभिन्न विधियों की चर्चा की। सेंट जेवियर्स कॉलेज तमिलनाडु के रिसर्च साईरिस्ट डॉ. जी सहाय एंथोनी जैविक ने इकोलाजी संरक्षण पर महत्वपूर्ण आमंत्रित ऑनलाइन व्याख्यान दिया। उन्होंने ब्रम्हाण्ड की उत्पत्ति तथा जीवन की शुरुआत पर रोचक जानकारी दी। सहसचिव डॉ. श्रीराम कुंजाम एवं डॉ. विजय लक्ष्मीनायडू ने दो दिवसीय वेबीनार की उपलब्धियों तथा आमंत्रित व्याख्यानों का संक्षेपीकरण प्रस्तुत किया। अतिथि वक्ताओं के व्याख्यान के पश्चात प्रश्नोत्तरी सत्र में साईस कॉलेज की डॉ. संजु सिन्हा, स्वाती अग्रवाल, तामेश्वरी, धर्मेन्द्र आरती, उमाशंकर, हिमानी टंडन, श्याम, गरिमा सिन्हा, आर वीणा तथा रेश्मा मंडावी ने प्रश्न पूछकर अपनी जिज्ञासा शांत की।

17:31

AA Not Secure - sundaycampus.com

Like

दुर्ग। नई पीढ़ी को जीन जीन-विज्ञान की उपयोगिता से अवगत कराने तथा कोविड सहित आने वाली अनेक बीमारियों के प्रति सचेतनाशील बनाने के लिए विश्वनाथ यादव तामस्कर पीजी स्वशास्त्री महाविद्यालय में एक दो दिवसीय राष्ट्रीय वेबीनार का आयोजन किया गया। गुजरात के सरदार कृषि नगर कृषि विश्वविद्यालय के शोध विज्ञानी डॉ. गौरव एस दवे ने जीन विज्ञान तथा उसकी विभिन्न विधियों की चर्चा की। उन्होंने बताया कि किस तरह यह संक्रामक रोगों की पहचान, निदान एवं चिकित्सा में उपयोगी सिद्ध हो सकता है। डॉ. दवे ने मनुष्य विज्ञान पर इस वेबीनार के आयोजन के लिये विभाग की सार्थकता दिया। उन्होंने डीएनए अनुक्रमण के इतिहास का वर्णन करते हुए मैक्सिमिलियन पेट्रि, जेन टर्मिनेशन पेट्रि, पायरोसीक्वेंसिंग, बाइसेक्वेंसिंग, सेक्वेंसिंग, हाईथ्रू मैथड की चर्चा की। उन्होंने कोविड सहित अन्य महामारियों के अध्ययन में जीनोम सीक्वेंसिंग के महत्व की चर्चा की। सहायक प्राध्यापक डॉ. सतीश कुमार सेन की मेजबानी में आयोजित इस वेबीनार में तमिलनाडु, असम, मणिपुर, अरुणाचल प्रदेश, नागालैंड, कर्नाटक, तेलंगाना, केरल, आंध्रप्रदेश समेत छत्तीसगढ़ के विभिन्न विश्वविद्यालयों छात्र-छात्राओं ने भाग लिया। डॉ. जैरस ठाकुर ने प्राचार्य डॉ. आरएन सिंह के संदेश का वाचन किया। आरंभ में विभागाध्यक्ष डॉ. रंजना श्रीवास्तव ने डॉ. दवे का स्वागत करते हुए वेबीनार के उद्देश्यों की चर्चा की। डॉ. ठाकुर ने अतिथि का विषय परिचय दिया।

811

811 है नर जमाने का बैंक खाता

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
V.Y.T.P.G. Autonomous
College, Durg (C.G.)

**A TWO DAYS NATIONAL WEBINAR ON
“MODERN ASPECTS IN BOTANICAL SCIENCES”.**

Programme - Schedule (19/05/2021)

All Participants must join 10.30 a.m. on 19/05/2021

1	Webinar Introductory Speech About the Programme	By Dr. Satish Kumar Sen	19/05/2021	11.00 – 11.05 a.m.
2	Address By Principal Sir, Dr. R. N. Singh	Dr. R. N. Singh	19/05/2021	11.05 – 11.10
3	Welcome Speech by Head of Department	Dr. Ranjana Shrivastava	19/05/2021	11.10-11.15 a.m.
4	Introduction of Speaker	Dr. G. S. Thakur	19/05/2021	11.15 - 11.20 a.m.
5.	Lecture start by	Dr. Gaurav S. Dave	19/05/2021	11.20 – 1.00 pm.
6.	Open Question/Answer	By All Participants	19/05/2021	1.00 – 1.15 p.m
7	Concluding Remark	Dr. Vijay Laxmi Naidu	19/05/2021	1.15 to 1.20 pm
8	Vote of thanks	Dr. Shriram Kunjam	19/05/2021	1.20 – 1.25 pm

Copy to : *Dr. Ranjana Shrivastava, Head of Botany, Department, Govt. V. Y. T. PG. Autonomous College, Durg.


*Dr. R. N. Singh, Principal, Govt. V. Y. T. PG. Autonomous College, Durg.

Speaker : *Dr. Gaurav S. Dave, Assistant Research Scientist, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar, Dantiwada, Banaskantha, Gujarat.



PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (G.G.)



GOVERNMENT VISWANATH YADAV TAMASKAR POSTGRADUATE
AUTONOMOUS COLLEGE, DURG, CHHATTISGARH, INDIA



(Erstwhile: Govt. Arts & Science College, Durg)
Reaccredited Grade "A+" By NAAC
College with Potential for Excellence (CPE) Phase-II By UGC
Awarded Star College by DBT, New Delhi

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Dr. Shriram Kunjam
Assistant Professor
Department of Botany

for his contribution as a Joint Organizing Secretary

A TWO DAYS NATIONAL WEBINAR ON " MODERN ASPECTS IN BOTANICAL SCIENCES"

organized from 19/05/2021 to 20/05/2021 by the Department of Botany in Association with IQAC
Government ViswanathYadav Tamaskar PostGraduate Autonomous College, Durg, Chhattisgarh.

Thank you for your valuable contribution towards making the event a success.



DR. R.N.SINGH
principal

Prof.
PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
V.Y.T.P.G. Autonomous
College, Durg (C)



GOVERNMENT VISWANATH YADAV TAMASKAR POSTGRADUATE
AUTONOMOUS COLLEGE, DURG, CHHATTISGARH, INDIA



(Firstwhile: Govt. Arts & Science College, Durg)
Reaccredited Grade "A+" By NAAC
College with Potential for Excellence (CPE) Phase-II By UGC
Awarded Star College by DBT, New Delhi

CERTIFICATE OF APPRECIATION

This certificate is awarded to
Dr. Satish Kumar Sen
Assistant Professor
Department of Botany

for his contribution as a Organizing Secretary

A TWO DAYS NATIONAL WEBINAR ON " MODERN ASPECTS IN BOTANICAL SCIENCES"

**organized from 19/05/2021 to 20/05/2021 by the Department of Botany in Association with IQAC
Government ViswanathYadav Tamaskar PostGraduate Autonomous College, Durg, Chhattisgarh.**

Thank you for your valuable contribution towards making the event a success.



DR. R.N.SINGH
principal

HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



GOVERNMENT VISWANATH YADAV TAMASKAR POSTGRADUATE
AUTONOMOUS COLLEGE, DURG, CHHATTISGARH, INDIA



(Erstwhile: Govt. Arts & Science College, Durg)

Reaccredited Grade "A+" By NAAC

College with Potential for Excellence (CPE) Phase-II By UGC

Awarded Star College by DBT, New Delhi

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Dr. Vijay Laxmi Naidu

Assistant Professor

Department of Botany

for his contribution as a Executive Committee Members

A TWO DAYS NATIONAL WEBINAR ON " MODERN ASPECTS IN BOTANICAL SCIENCES"

**organized from 19/05/2021 to 20/05/2021 by the Department of Botany in Association with IQAC
Government ViswanathYadav Tamaskar PostGraduate Autonomous College, Durg, Chhattisgarh.**

Thank you for your valuable contribution towards making the event a success.



DR. R.N.SINGH
principal

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)

Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (G.G.)



GOVERNMENT VISWANATH YADAV TAMASKAR POSTGRADUATE
AUTONOMOUS COLLEGE, DURG, CHHATTISGARH, INDIA



(Erstwhile: Govt. Arts & Science College, Durg)

Reaccredited Grade "A+" By NAAC

College with Potential for Excellence (CPE) Phase-II By UGC

Awarded Star College by DBT, New Delhi

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Dr. G. S. Thakur

Assistant Professor

Department of Botany

for his contribution as a Executive Committee Members

A TWO DAYS NATIONAL WEBINAR ON " MODERN ASPECTS IN BOTANICAL SCIENCES"

*organized from 19/05/2021 to 20/05/2021 by the Department of Botany in Association with IQAC
Government ViswanathYadav Tamaskar PostGraduate Autonomous College, Durg, Chhattisgarh.*

Thank you for your valuable contribution towards making the event a success.



DR. R.N.SINGH

principal

HEAD & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (G.G.)



GOVERNMENT VISWANATH YADAV TAMASKAR POSTGRADUATE
AUTONOMOUS COLLEGE, DURG, CHHATTISGARH, INDIA



(Erstwhile: Govt. Arts & Science College, Durg)

Reaccredited Grade "A+" By NAAC

College with Potential for Excellence (CPE) Phase-II By UGC

Awarded Star College by DBT, New Delhi

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Dr. K. I. Toppo

Assistant Professor

Department of Botany

for his contribution as a Co-Convenor

A TWO DAYS NATIONAL WEBINAR ON " MODERN ASPECTS IN BOTANICAL SCIENCES"

**organized from 19/05/2021 to 20/05/2021 by the Department of Botany in Association with IQAC
Government ViswanathYadav Tamaskar PostGraduate Autonomous College, Durg, Chhattisgarh.**

Thank you for your valuable contribution towards making the event a success.



DR. R.N.SINGH
principal

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



GOVERNMENT VISWANATH YADAV TAMASKAR POSTGRADUATE
AUTONOMOUS COLLEGE, DURG, CHHATTISGARH, INDIA



(Erstwhile: Govt. Arts & Science College, Durg)

Reaccredited Grade "A+" By NAAC

College with Potential for Excellence (CPE) Phase-II By UGC
Awarded Star College by DBT, New Delhi

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Mrs. Gayatri Pandey

Assistant Professor

Department Of Botany

for his contribution as a Co-Convenor

A TWO DAYS NATIONAL WEBINAR ON " MODERN ASPECTS IN BOTANICAL SCIENCES"

organized from 19/05/2021 to 20/05/2021 by the Department of Botany in Association with IQAC
Government ViswanathYadav Tamaskar PostGraduate Autonomous College, Durg, chhattisgarh.

Thank you for your valuable contribution towards making the event a success.



DR. R.N.SINGH
principal

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (G.G.)



GOVERNMENT VISWANATH YADAV TAMASKAR POSTGRADUATE
AUTONOMOUS COLLEGE, DURG, CHHATTISGARH, INDIA



(Erstwhile: Govt. Arts & Science College, Durg)

Reaccredited Grade "A+" By NAAC

College with Potential for Excellence (CPE) Phase-II By UGC

Awarded Star College by DBT, New Delhi

CERTIFICATE OF APPRECIATION

This certificate is awarded to

Dr. Ranjana Shrivastava

Professor and Head

Department of Botany

for his contribution as a Convener

A TWO DAYS NATIONAL WEBINAR ON " MODERN ASPECTS IN BOTANICAL SCIENCES"

organized from 19/05/2021 to 20/05/2021 by the Department of Botany in Association with IQAC
Government ViswanathYadav Tamaskar PostGraduate Autonomous College, Durg, Chhattisgarh.

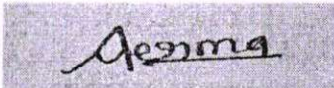
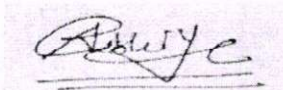

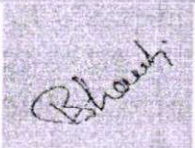
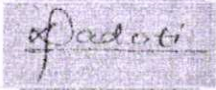
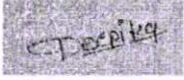
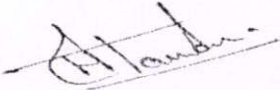

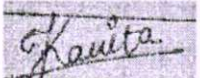
Thank you for your valuable contribution towards making the event a success.



DR. R.N.SINGH
principal

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)


Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

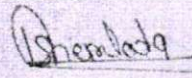
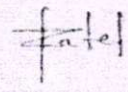

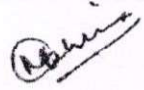
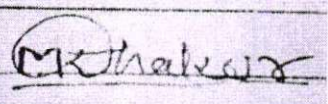
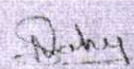
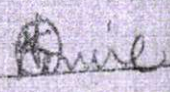
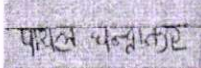
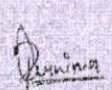
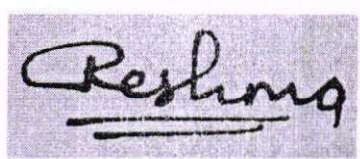
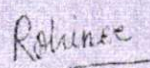
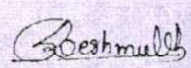
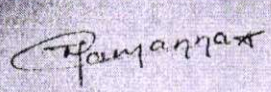
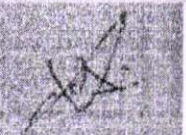
S.no	Name of students	Signature
1	Ajay kumar Verma	
2	Ankit Gajbhiye	
3	Ashwin Gautam	
4	Bharti Nareti	
5	Deepanshu Padoti	
6	Deepika Malendra	
7	Himani Tandon	
8	Jaya Sahu	
9	Kavita Dilliwar	



PROFESSOR IN CHARGE
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTONOMOUS
COLLEGE, DURG (C.G.)





Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

10	Khemlata Gajpal	
11	Leminee Patel	
12	Madhu Yadav	
13	Mahima Sinha	
14	Mukesh kumar Thakur	
15	Neha Sahu	
16	Nitin Kumar Dindore	
17	Payal Chandrakar	
18	Poornima Sahare	
19	Reshma Mandavi	
20	Rohinee Latiya	
21	Sandhya Deshmukh	
22	Tamanna Gawade	
23	Vidhi Namdeo	



PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

24

Vineeta Deshmukh

Vineeta

25

Yashwant Verma

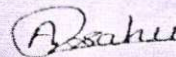

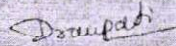
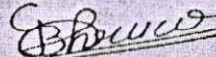
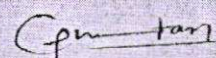
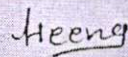
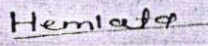

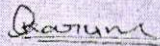
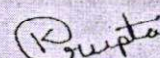
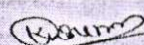
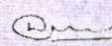
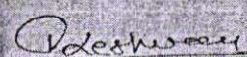
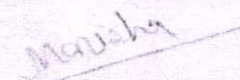

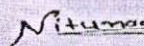
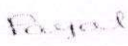
YV

Yashwant

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Ne
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

S.no	Name of students	Signature
1	Aarti sahu	
2	Dharmendra Kumar	
3	Draupati kosare	
4	Geetika	
5	Gopal prasad	
6	Heena dhiwar	
7	Hemlata	
8	Jyoti sinha	
9	Karuna sonkar	
10	Kavita gupta	
11	Kusumlata	
12	Lekeshwari mandavi	
13	Lokeshwaree dewangan	
14	Manisha gajbhiye	
15	Manorama	
16	Nitu	
17	Payal kokila	



PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

18	Priyanka	<u>Priyanka</u>
19	Priya sahu	<u>Priya .</u>
20	Rashmi mandharia	<u>Rashmi</u>
21	Reshama kuraiti	<u>Reshama</u>
22	Tameahwari dewangan	<u>तमिहवरी</u>
23	Umashankar	<u>उमेश्वर</u>
24	Vamini	<u>वामिनी</u>

Law

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



16
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Online Webinar on DNA a beautiful molecules of life Dr. Sujoy Das Gupta

Date – 23/02/2021

Place – Department of Botany

Resource person – Dr. Sujoy Das Gupta (Bose Institute, Kolkata), “DNA a Beautiful Molecule of Life”

Purpose –

1. To refresh our knowledge by coming together through online mode during COVID-19 Pandemic, which will be beneficial for students & faculties both.
2. To make students familiar with online learning mode.
3. To create interest in students by organizing lectures delivered by Renown Resource Person of our country.
4. To provide opportunities to faculty members for getting benefitted with the knowledge of Resource Person, which can be used by faculties to bring innovations in their teaching methods.
5. To become familiar with the Resource Person of other esteemed institutions of the same field.
6. To engage the students in their studies by new-methods of teaching.
7. To uplift the academic activities of the department.

Outcome –

1. The online webinar was a great success as students and faculty members have taken very active participation.
2. The Resource Person Dr. (Professor) Sujoy Das Gupta has given his kind consent of organizing a virtual workshop on Instrumentation for our department students.
3. Students revised their knowledge of DNA in the form of “DNA a Beautiful Molecule of Life”.
4. This webinar created a good interaction of students and faculty members with the Resource Person.
5. It made the cordial relation between both the institutions, Our college and Bose Institute of Kolkata.

Suggestion –

1. HOD Madam Dr. Ranjana Shrivastava suggested the organizing secretary Dr. Vijay Laxmi Naidu to have a workshop based on instrumentation with the help of Dr. Sujoy Das Gupta.
 2. All Faculty members suggested the students to become familiar with online learning tools.
 3. Students have given their feedback in the form of organizing such kind of webinar for more days.
- List Students

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Online Webinar on DNA a beautiful molecules of life Dr. Sujoy Das Gupta

Students list

MSc.III Sem

Aarti Sahu
Dharmendra Kumar
Draupati Kosare
Geetika
Gopal Prasad
Heena Dhiwar
Hemlata
Jyoti Sinha
Karuna Sonkar
Kavita Gupta

Kusumlata
Lekeshwari Mandavi
Lokeshwari Dewangan
Manisha Gajbhiye
Manorama
Neetu
Payal Kokila
Priyanka
Priya Sahu
Rashmi Mandhariya
Resma Kuraiti
Tameshwari Dewangan
Umashankar



PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Govt V.Y.T PG Autonomous College
Durg (C.G.)

Accredited by NAAC with A+ Grade
Affiliated to Hemchand Yadav University Durg

INAUGURATION OF BOTANICAL
SOCIETY

11:30 AM
Onwards



23 Feb
2021

Keynote Speaker



DR. SUJOY KUMAR DAS GUPTA
(BOSE INSTITUTE KOLKATA)

Meeting Platform



G-Meet

Link will be provided
½ hr before meeting

PATRON-
Dr. R.N Singh
Principal

HOD-
Dr. R.
Shrivastava

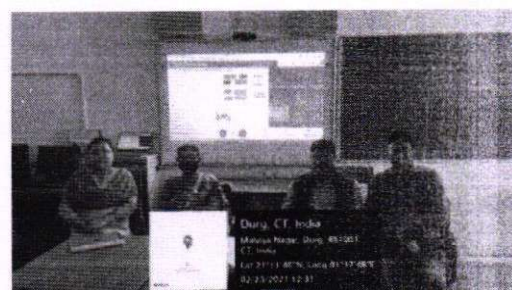
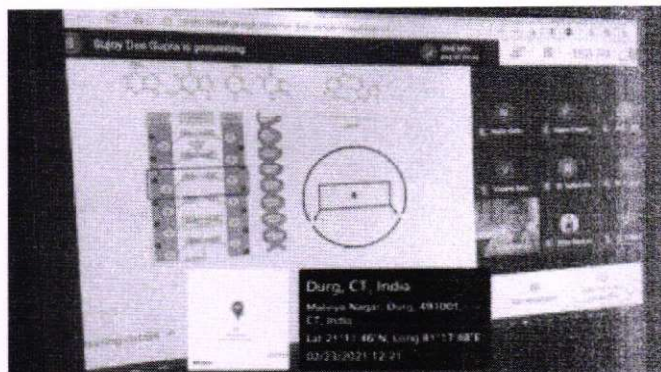
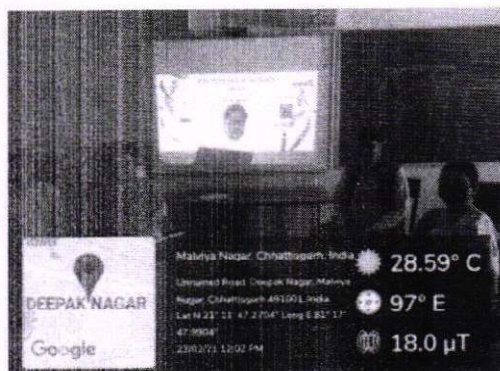
Organizing Secretary -
Dr. G.S Thakur
Dr. V . L Naidu

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Principal
Govt V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Online Webinar on DNA a beautiful molecules of life Dr. Sujoy Das Gupta 23/02/21



Prof. V. Naidu

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

डोएनए है जीवन का एक सुंदर अणु : डॉ. दासगुप्ता

भिलाई बांस इंस्टीट्यूट ऑफ कोलकाता डॉ. सुजय कुमार दासगुप्ता ने कहा कि डोएनए जीवन का एक महत्वपूर्ण अंग है। जीवन का आधार है। इसके आधार पर ही जीवन की उत्पत्ति, जीन समेत अन्य चीजों के बारे में जाना जा सकता है। उन्होंने डोएनए की संरचना, ह्यूमन जीन प्रोजेक्ट, पीसीआर और क्रिस्पर की भी जानकारी दी। उन्होंने छात्रों की शंकाओं का भी समाधान किया।

साइंस कॉलेज में बने वनस्पति परिषद का ऑनलाइन उद्घाटन करते हुए उन्होंने बोटनी से संबंधित विभिन्न जानकारी दी। विभाग की अध्यक्ष डॉ. रंजना श्रीवास्तव ने परिषद के गठन और उसके उद्देश्यों की जानकारी दी। संचालिका डॉ. विजय लक्ष्मी नायडू ने छात्रों के हित में होने वाले काम के बारे में बताया। कार्यक्रम में अश्विन गौतम, धर्मेन्द्र, टोमेश्वरी, उमाशंकर, यशवंत एवं विधि नामदेव वनस्पति विज्ञान की महत्ता पर प्रस्तुति दी।

13:09

WhatsApp

Not Secure — sundaycampus.com

का ऑनलाइन वेबीनार में उद्घाटन

February 24, 2021 | Education | 116,000 views



पुनः शासकीय विश्वनाथ रायदास तामसकर स्नातकोत्तर स्तरांगी महाविद्यालय दुर्ग में वनस्पतिशास्त्र परिषद का उद्घाटन आज डॉ. सुजय कुमार दास गुप्ता, बैबु इंस्टीट्यूट ऑफ कोलकाता के मुख्य अतिथि में ऑनलाइन किया गया। वनस्पतिशास्त्र विभाग की विभागाध्यक्ष डॉ. रंजना श्रीवास्तव एवं परिषद के सचिव डॉ. जी. एस. ठाकुर ने समुपस्थित सभी से जानकारी दी कि डॉ. दासगुप्ता ने "डोएनए की मूलभूत भौतिकीय गुण" विषय पर महत्वपूर्ण जानकारी दी। उन्होंने जीवन की उत्पत्ति, डोएनए की संरचना, जीन एक्सप्रेसन का ह्यूमन जीन प्रोजेक्ट, पीसीआर तथा क्रिस्पर टेक्नालॉजी के बारे में विस्तार से बताया। डॉ. दासगुप्ता के व्याख्यान के दौरान वनस्पतिशास्त्र के विद्यार्थियों ने आने-प्राने पूछकर अपनी शंका का समाधान किया। ऑनलाइन कार्यक्रम के प्रारंभ में विभागाध्यक्ष डॉ. रंजना श्रीवास्तव ने वनस्पतिशास्त्र परिषद के गठन के उद्देश्यों पर प्रकाश डाला। संचालिका डॉ. विजय लक्ष्मी नायडू ने वनस्पतिशास्त्र परिषद द्वारा संचालित में आयोजित किये जाने वाली गतिविधियों की जानकारी दी।

परिषद के उद्घाटन अवसर पर वनस्पतिशास्त्र के स्नातकोत्तर विद्यार्थियों अश्विन गौतम ने वनस्पतिशास्त्र का महत्व, धर्मेन्द्र एवं टोमेश्वरी ने वनस्पतिशास्त्र परिषद का महत्व उद्घाटन में औपचारिक पौधे, यशवंत एवं विधि नामदेव ने वनस्पति विज्ञान की महत्ता पर अपनी प्रस्तुति दी। धन्यवाद ज्ञापन परिषद के सचिव डॉ. जी. एस. ठाकुर ने किया। ऑनलाइन उद्घाटन सफरौह में वनस्पतिशास्त्र ने डॉ. माधवी पान्हेव, डॉ. आई टोनी डॉ. जी. एस. ठाकुर, डॉ. विजय लक्ष्मी नायडू, डॉ. सतीश सेन, डॉ. श्रीराम कुजाम आदि उपस्थित थे।

Share this on WhatsApp

शासकीय विश्वनाथ रायदास तामसकर स्नातकोत्तर स्तरांगी महाविद्यालय दुर्ग

साइंस कॉलेज में वनस्पति शास्त्र परिषद उद्घाटित

पुनः शासकीय विश्वनाथ रायदास तामसकर स्नातकोत्तर स्तरांगी महाविद्यालय में आयोजित शास्त्र परिषद का उद्घाटन डॉ. सुजय कुमार दास गुप्ता, बैबु इंस्टीट्यूट ऑफ कोलकाता के मुख्य अतिथि में ऑनलाइन किया गया। वनस्पतिशास्त्र विभाग की विभागाध्यक्ष डॉ. रंजना श्रीवास्तव एवं परिषद के सचिव डॉ. जी. एस. ठाकुर ने समुपस्थित सभी से जानकारी दी कि डॉ. दासगुप्ता ने "डोएनए की

मूलभूत भौतिकीय गुण" विषय पर महत्वपूर्ण जानकारी दी। उन्होंने जीवन की उत्पत्ति, डोएनए की संरचना, पीसीआर तथा क्रिस्पर टेक्नालॉजी के बारे में विस्तार से बताया। ऑनलाइन कार्यक्रम के प्रारंभ में विभागाध्यक्ष डॉ. रंजना श्रीवास्तव ने वनस्पतिशास्त्र परिषद के गठन के उद्देश्यों पर प्रकाश डाला। संचालिका डॉ. विजय लक्ष्मी नायडू ने वनस्पतिशास्त्र परिषद द्वारा संचालित में आयोजित

किये जाने वाली गतिविधियों की जानकारी दी। वनस्पतिशास्त्र के स्नातकोत्तर विद्यार्थी अश्विन गौतम ने वनस्पतिशास्त्र का महत्व, धर्मेन्द्र एवं टोमेश्वरी ने वनस्पतिशास्त्र परिषद का महत्व, उमाशंकर ने औपचारिक पौधे, यशवंत एवं विधि नामदेव ने वनस्पति विज्ञान की महत्ता पर अपनी प्रस्तुति दी। धन्यवाद ज्ञापन परिषद के सचिव डॉ. जी. एस. ठाकुर ने किया।

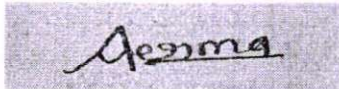
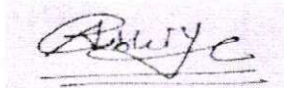

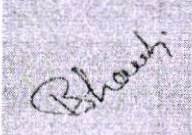
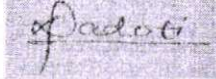
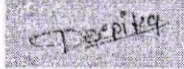
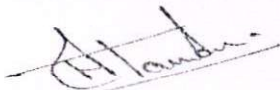
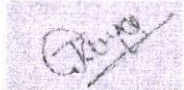
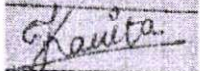
m

Prof. Dr. S. K. Das

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

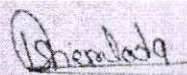
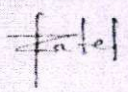
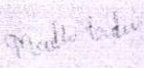

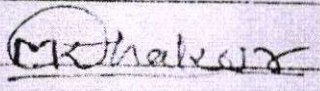
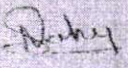
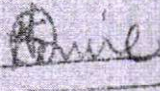
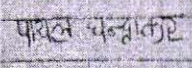
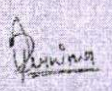
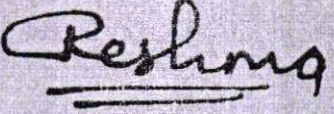
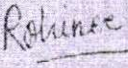
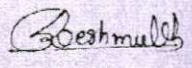
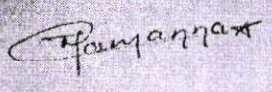
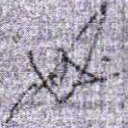
S.no	Name of students	Signature
1	Ajay kumar Verma	
2	Ankit Gajbhiye	
3	Ashwin Gautam	
4	Bharti Nareti	
5	Deepanshu Padoti	
6	Deepika Malendra	
7	Himani Tandon	
8	Jaya Sahu	
9	Kavita Dilliwar	

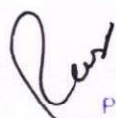


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

10	Khemlata Gajpal	
11	Leminee Patel	
12	Madhu Yadav	
13	Mahima Sinha	
14	Mukesh kumar Thakur	
15	Neha Sahu	
16	Nitin Kumar Dindore	
17	Payal Chandrakar	
18	Poornima Sahare	
19	Reshma Mandavi	
20	Rohinee Latiya	
21	Sandhya Deshmukh	
22	Tamanna Gawade	
23	Vidhi Namdeo	



PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

24

Vineeta Deshmukh

Vineeta

25

Yashwant Verma

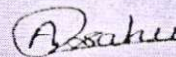

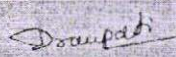
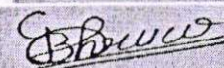
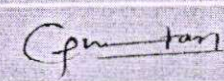
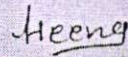
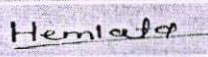
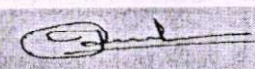
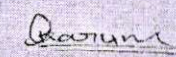
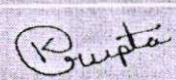

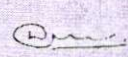
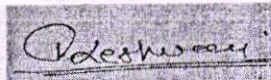
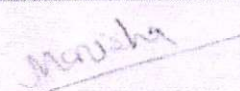

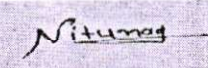

YV

Prof

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

S.no	Name of students	Signature
1	Aarti sahu	
2	Dharmendra Kumar	
3	Draupati kosare	
4	Geetika	
5	Gopal prasad	
6	Heena dhiwar	
7	Hemlata	
8	Jyoti sinha	
9	Karuna sonkar	
10	Kavita gupta	
11	Kusumlata	
12	Lekeshwari mandavi	
13	Lokeshwaree dewangan	
14	Manisha gajbhiye	
15	Manorama	
16	Nitu	
17	Payal kokila	



PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

18	Priyanka	<u>Priyanka</u>
19	Priya sahu	<u>Priya .</u>
20	Rashmi mandharia	<u>Rashmi</u>
21	Reshama kuraiti	<u>Reshama</u>
22	Tameahwari dewangan	<u>तमेश्वरी</u>
23	Umashankar	<u>उमेश्वर</u>
24	Vamini	<u>वामिनी</u>

[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



[Signature]

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

National Level Competition For Bio- Science Students

In Association with ECell Fest (IIT Kharagpur Event)

Organized by Department of Botany and Biotechnology,
Govt.V.Y.T.PG. Autonomous College



Workshop Details

Topic : Genetic Modification of desired genes
using CRISPR technology(GENE
editing tools and salient features)

Date : 25th - 26th February 2019

Registration Fee - Rs 1150/-

Highlights

1. Industry Experts as Trainers.
2. All Participants will receive Prize and Certificate in each round
3. Competition to be conducted at the end of the workshop on the second day to select top 5 students.
4. Five selected students would be participating in finale round at IIT Campus.
5. Internship assistance for all participants.

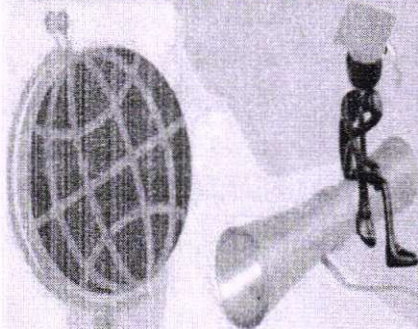
Round of Selection

1st Round:

Govt.V.Y.T.PG. Autonomous College
Durg Chhattisgarh Inida

2nd Round:

IIT Kharagpur



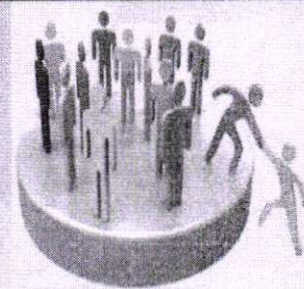
Venue : Govt.V.Y.T.PG. Autonomous College Durg Chhattisgarh Inida

Faculty Co-ordinators : Dr Ranjana Shrivastava (9479227004)


Dr. Anil Kumar (9827491253)

Student Co-ordinators : Mr.Ratnakar Upadhaya (9479075400)


Suryansh Sangar (7999546292)



 www.makeintern.com  sonu@makeintern.com  +91 9212615394


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Workshop on CRISPER -9 Technology

Date: - 25th & 26 February

Place: - Smart Class, Department of Botany

Purpose of Workshop: - Known about the bacterial immune systems as a defence mechanism against invading phages/viruses by the DNA Sequence (Genome).

Outcome of the Workshop: - Invasion by any virus, a bacterium's defence system creates unique repeated sequences of DNA with short sequences of spacers. Identify the defence mechanism of immune systems.

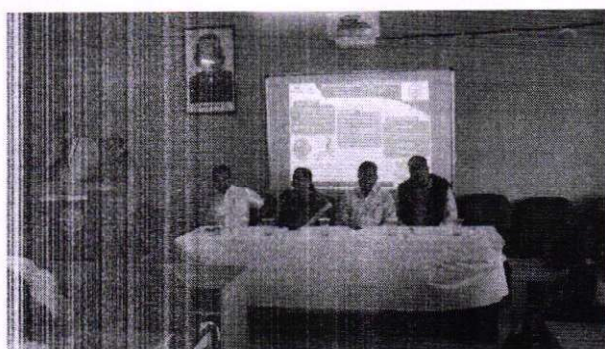
About Workshop: - Crisper-9 technology workshop held on 25th & 26th February 2019 organised by department of botany, jointly organized by Department of Botany & Biotechnology. Dr. Ankit Singh, Assistant Professor, (IIT-Kharagpur) Jamia- Milia University, New Delhi a chief spokesperson of workshop. Basically CRISPR is the acronym for 'clustered regularly interspaced short palindromic repeats'. The technology is a targeted tool used to edit genomes with unparalleled precision, efficiency, and flexibility. While many of us might think that CRISPR was discovered by humankind, this is not the case. CRISPR has in fact long been part of bacterial immune systems as a defence mechanism against invading phages/viruses. Upon invasion by any virus, a bacterium's defence system creates unique repeated sequences of DNA with short sequences of spacers. These spacers are derived from the DNA of viruses after their first bacterial attack. 60 students participated in this workshop. All practical examination & theory lecture organized in practical labs. Dr. Ankit Singh Associated with IIT-Kharagpur.

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Workshop on CRISPER -9 Technologies 25, 26 Feb. 2019



[Signature]
 PROFESSOR & HEAD
 DEPARTMENT OF BOTANY,
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (C.G.)



[Signature]
 Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)

जंतु और पौधे के जीवन में होता है रूपांतरण

क्रीसपर टेक्नोलॉजी पर साइंस कालेज में दो दिवसीय कार्यशाला

हरिभूमि न्यूज

साइंस कालेज दुर्ग में 25 तथा 26 फरवरी को बायोटेक्नोलॉजी तथा बायोटनी विभाग द्वारा आईआईटी खड़गपुर के सौजन्य से क्रीसपर

■ क्रीसपर टेक्नोलॉजी की बारीकियों की दी जानकारी

टेक्नोलॉजी पर कार्यशाला का आयोजन किया गया। क्रीसपर टेक्नोलॉजी एक आधुनिक तकनीक है, जिसके माध्यम से किसी जंतु अथवा पौधों के जीन में रूपांतरण कर उनके लक्षण में परिवर्तन लाया

जाता है। यह तकनीक मानव में व्याप्त अनुवांशिक रोग के निदान हेतु अथवा पौधों में आवश्यकतानुसार रोग प्रतिरोधक स्पेशीज के निर्माण के लिए किया जाता है। 25 फरवरी को सुबह 10.30 बजे कार्यशाला का उद्घाटन किया गया, जिसमें आईआईटी खड़गपुर के विशेषज्ञ डॉ. अंकित के अतिरिक्त महाविद्यालय के प्राचार्य डॉ. एम.ए. सिद्दीकी, बायोटनी विभाग की विभागाध्यक्ष डॉ. रंजना श्रीवास्तव, बायोटेक्नोलॉजी विभाग के विभागाध्यक्ष डॉ. अनिल श्रीवास्तव तथा दोनों विभाग के सभी प्राध्यापक, क्रीसपर तकनीक में गणितीय



शोधार्थी एवं छात्र-छात्राएं उपस्थित रहे। डॉ. अनिल श्रीवास्तव तथा रंजना श्रीवास्तव ने कार्यशाला की उपयोगिता पर विशेष प्रकाश डाला तथा प्राचार्य डॉ. सिद्दीकी ने बताया कि क्रीसपर तकनीक में गणितीय

कार्यशाला के दूसरे दिन 26 फरवरी को तृतीय सत्र में डॉ. अंकित ने बायोइन्फर्मेटीक्स से क्रीसपर तकनीक को समझने की प्रक्रिया को समझाया तत्पश्चात बायोटेक्नोलॉजी विभाग के प्रयोगशाला में सभी प्रतिभागी आरटीपीसीआर से जीन के बहिर्द्वारण तथा एंजिटींग की प्रक्रिया से संबंधित प्रयोग को सफलतापूर्वक सम्पन्न किया। प्रायोगिक कार्य में विभाग के शोधार्थी एकता सिंह, राजेश्वरीप्रभा लहरे तथा लोहितराज शिववंशी ने डॉ. अंकित की सहायता प्रदान किया। विदित हो कि हॉल में चीन के वैज्ञानिकों द्वारा इसी

तकनीकी के उपयोग से जुड़वा मानव पैदा कर उन्हें एड्स रोग के विषाणु के प्रति प्रतिरोधी क्षमता प्रदान किया गया है। भविष्य में इस तकनीकी के उपयोग से सिकल सेल, थैलेसीमिया तथा कैन्सर जैसे अनुवांशिक रोग से निदान की पूर्ण आशा है। इन्हीं तथ्यों को ध्यान में रखकर साइंस कालेज के बायोटेक्नोलॉजी तथा वनस्पति शास्त्र विभाग द्वारा कार्यशाला का आयोजन किया गया था। इस विषय पर अंजल का यह प्रथम कार्यशाला था। अंत में 3.30 बजे समापन समारोह के द्वारा सभी प्रतिभागियों को सर्टिफिकेट प्रदान किया गया।

क्रीसपर टेक्नोलॉजी से किया जा सकता है अनुवंशिकी रोग का निदान

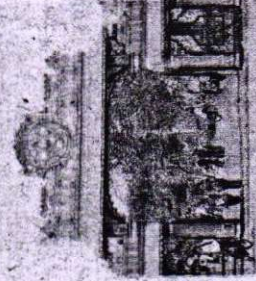
दो दिवसीय कार्यशाला का समापन

क्रीसपर टेक्नोलॉजी पर साइंस कालेज में हुई कार्यशाला

कार्यशाला के दूसरे दिन मंगलवार को तृतीय सत्र में डॉ. अंकित ने बायोइन्फार्मेटिक्स से क्रीसपर तकनीक को समझने की प्रक्रिया को समझाया तथा बॉटनी विभाग द्वारा आईआईटी खड़गपुर के सहयोग से क्रीसपर टेक्नोलॉजी पर कार्यशाला का आयोजन हुआ। यह टेक्नोलॉजी एक आधुनिक तकनीक है, इसके माध्यम से किसी जंतु अथवा पौधों के जीन में रूपांतरण कर उनके लक्षण में परिवर्तन लाया जाता है। यह तकनीक मानव में व्याप्त अनुवंशिक रोग के निदान हेतु अथवा पौधों में आवश्यकतानुसार रोग प्रतिरोधक स्मैशीज के निर्माण में किया जाता है।

कार्यशाला का उद्घाटन सम्मार्ग में हुआ। इसमें आईआईटी खड़गपुर के विशेषज्ञ डॉ. अंकित के अतिरिक्त महाविद्यालय के प्राचार्य डॉ. एमए सिद्धीकी, बॉटनी विभाग की विभागाध्यक्ष डॉ. रजना श्रीवास्तव, बायोटेक्नोलॉजी के विभागाध्यक्ष डॉ. अनिल श्रीवास्तव तथा दोनों विभाग के सभी प्राध्यापक, शोधार्थी एवं छात्र-छात्राएं उपस्थित रहे।

डॉ. अनिल श्रीवास्तव तथा रजना श्रीवास्तव ने कार्यशाला की उपयोगिता पर प्रकाश डाला। प्राचार्य डॉ. सिद्धीकी ने बताया कि क्रीसपर तकनीक में गणितीय गणना की क्या उपयोगिता है। प्रथम सत्र में आईआईटी खड़गपुर के विशेषज्ञ



इस तकनीक के उपयोग से सिफल सेव, शैलेसिमिया तथा कैसर जैसे अनुवंशिकी रोग से निदान की पूर्ण आशा है। इन्हीं तथ्यों को ध्यान में रखकर साइंस कालेज के बायोटेक्नोलॉजी तथा वनस्पति शास्त्र विभाग द्वारा कार्यशाला का आयोजन किया गया था। इस विषय पर अंचल का यह प्रथम कार्यशाला था।

डॉ. अंकित ने मूलभूत बायोलेजी के सिद्धांत को समझाया, द्वितीय सत्र में क्रीसपर टेक्नोलॉजी के बारीकियों को समझाया। इस दौरान विषय विशेषज्ञों से छात्र-छात्राओं ने कई जानकारियां भी हासिल की।

दैनिक भास्कर

मिलाई-रायपुर, बुधवार 27 फरवरी, 2019 | 17

क्रिस्पर टेक्नोलॉजी के बारे में स्टूडेंट्स को दी गई जानकारी

मिली रिपोर्ट। मिलाई साइंस कालेज दुर्ग में बायोटेक्नोलॉजी और बॉटनी विभाग द्वारा आईआईटी खड़गपुर के सौजन्य से क्रिस्पर टेक्नोलॉजी पर हुई कार्यशाला में बताया कि यह टेक्नोलॉजी किसी जंतु अथवा पौधों के जीन में रूपांतरण कर उनके लक्षण में परिवर्तन लाने का काम करती है। आईआईटी खड़गपुर के विशेषज्ञ डॉ. अंकित, साइंस कालेज के प्राचार्य डॉ. एमए सिद्धीकी, बॉटनी विभाग की विभागाध्यक्ष डॉ. रजना श्रीवास्तव, बायोटेक्नोलॉजी विभाग के विभागाध्यक्ष डॉ. अनिल श्रीवास्तव, प्रायोगिक कार्य में विभाग के शोधार्थी एकता सिंह, राजेश्वरी प्रभा लहरे, लोहितराज शिववंशी, डॉ. अंकित शामिल रहे।

2018-19



Makeintern & ECell



(Workshop Partner ECell IIT Kharagpur Event \ Internship Provider Across India)

IIT Kharagpur Event

+91-9211922243 (Vibha)

9212615394 (Sonu)

01149095855



Confirmation Letter

Sub: Confirmation letter for workshop

Dear Sir/Madam,

This is to bring under your kind notice that our school confirms Makeintern training will be held in our campus.

Fill the below details carefully:-

Name of the College: GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE DURG CHHATTISGARH

Topic Name: Genetic Modification of desired genes using CRISPR technology (Gene editing tools & Salient features).

Workshop Dates: Feb. 25, 26, 2018.

This is a confirmation that our school will be the training Centre for technical training as mentioned above and provide the infrastructure support as required for the Session and registration charges are 1150 INR/-student.

We are appointing one faculty coordinator and two student coordinators to coordinate the entire Program at our campus. Please fill the Name and Contact Numbers of all the coordinators below:

Name	Contact Number	Email ID
1. Dr. Ranjana Shrivastava	9479227004	dranjanashrivastava@gmail.com
2. Dr. Anil Kumar	9827431253	aimur_aishley@yahoo.co.in
3. Mr. Ratnakar Upadhyaya	9479075400	ratnakar.ncc@gmail.com
4. Mr. SURYANSH SENGAR	7993546292	Suryaneshsingh73@gmail.com

(Coordinator
Co-coordinator
Student
Student)

Yours Sincerely
Makeintern.com



College Authority
Name:-

Designation
Seal & Signature

Principal

Govt. V.Y.T.P.G. Autonomous College Durg (C.G.)

Govt. V.Y.T.P.G. Autonomous College Durg (C.G.)

For further details or query contact us: Mr. Mitra- 9212615394 or Sonu- 9212615394 or sonu@makeintern.com

Note:- 1. Please allow Dr. Ranjana Shrivastava as Co-ordinator & Dr. Anil Kumar as Co-coordinator of programme.
2. Please provide wet-lab experiment also for Gene editing process (CRISPR) technology.
3. The programme will be jointly organized by Dept. of Botany & Biotechnology.

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

NATIONAL LEVEL COMPETITION FOR BIO- SCIENCE STUDENTS

In Association with E - Cell Fest (IIT – Kharagpur Event)

WORKSHOP

ON

Genetic Modification of desired genes using CRISPR technology
(Gene editing tools and salient features)Organized by Department of Biotechnology and Botany,
Govt. V.Y.T.P.G. Autonomous College, Durg, (CG)-491001Date – 25th – 26th February 2019**LIST OF PARTICIPANTS****STUDENTS**

S No.	Name	Class	SIGNATURES
Department of Biotechnology			
1.	JAYATI SHRIVASTAVA	M.Sc. II Semester	Jayati
2.	BHAGWAT PURI	M.Sc. II Semester	Bhagwat Puri
3.	LOKESH CHAUHAN	M.Sc. II Semester	Lokesh
4.	SUNIL PATRE	M.Sc. II Semester	Sunil
5.	KULESHWAR SAHU	M.Sc. II Semester	Kuleshwar
6.	SHUBHRA SINHA	M.Sc. II Semester	Shubhra
7.	BHUVAN LAL	M.Sc. II Semester	Bhuvan Lal
8.	HEMANT KUMAR	M.Sc. II Semester	Hemant
9.	PRIYANKA SONI	M.Sc. II Semester	Priyanka
10.	MEGHA VERMA	M.Sc. II Semester	Megha
11.	PRIYA KUSHWAHA	M.Sc. II Semester	Priya
12.	PRIYA	M.Sc. II Semester	Priya
13.	NISHA KUSHWAHA	M.Sc. II Semester	Nisha
14.	KANCHAN SAO	M.Sc. II Semester	Kanchan
15.	SARITA WARADKAR	M.Sc. II Semester	Sarita
16.	DIPALI NAGRE	M.Sc. II Semester	Dipali
17.	RUPALI SAHARE	M.Sc. II Semester	Rupali
18.	PRACHI TIWARI	M.Sc. II Semester	Prachi
19.	DEWANSHI RATHOD	M.Sc. II Semester	Dewanishi
20.	P. YAMINI SONI	M.Sc. II Semester	P. Yamini
21.	ASHA SAHU	M.Sc. II Semester	Asha
22.	GOPESH VARI SAHU	M.Sc. II Semester	Gopesh
23.	TANMAY BISWAS	M.Sc. IV Semester	Tanmay
24.	NIDHI TIWARI	M.Sc. IV Semester	Nidhi
25.	SHUBHAM GUDADHE	M.Sc. IV Semester	Shubham
26.	MONIKA YADAV	M.Sc. IV Semester	Monika
27.	HEMLATA VERMA	M.Sc. IV Semester	Hemlata
28.	ANNU BAGHEL	M.Sc. IV Semester	Annu
29.	KRIKA DEWANGAN	M.Sc. IV Semester	Krika
30.	ALKA MANIKPURI	M.Sc. IV Semester	Alka
31.	DITI DONGARWAR	M.Sc. IV Semester	Diti

 DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

 Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

32.	SHIRIN ANWAR	M.Sc. IV Semester	Anwar
33.	PRITI CHANDRAKAR	M.Sc. IV Semester	Priti
34.	SURABHI SEN	M.Sc. IV Semester	Surabhi
35.	NILESH GAWARE	M.Sc. IV Semester	Nilesh
36.	DIVYA SAHU	M.Sc. IV Semester	Divya
37.	PURNIMA SAHU	M.Sc. IV Semester	Purnima
38.	SURYANSH SENGAR	M.Sc. IV Semester	Suryansh
Department of Botany			
39.	NEELAM	M.Sc. II Semester	Neelam
40.	BHOOMIKA	M.Sc. II Semester	Bhoomika
41.	YIKESHWAR	M.Sc. II Semester	Yikeshwar
42.	SOMNATH	M.Sc. II Semester	Somnath
43.	USHA	M.Sc. II Semester	Usha
44.	PRABHA	M.Sc. II Semester	Prabha
45.	LALIMA KORRAM	M.Sc. II Semester	Lalima
46.	MAHIMA KORRAM	M.Sc. II Semester	Mahima
47.	MANJUSHA PAL	M.Sc. II Semester	Manjusha
48.	NISHA	M.Sc. II Semester	Nisha
49.	ANJALI HIAL	M.Sc. II Semester	Anjali
50.	VIDYA	M.Sc. II Semester	Vidya
51.	KARISHMA USENDI	M.Sc. II Semester	Karishma
52.	YAMINI MARJKAM	M.Sc. II Semester	Yamini
53.	TANU CHANDRAKAR	M.Sc. II Semester	Tanu
54.	PADMANI	M.Sc. IV Semester	Padmani
55.	LOENA SAHU LAXMAN	M.Sc. IV Semester	Loena
56.	KRISHNA KUMAR SIDAR	M.Sc. IV Semester	Krishna
57.	KAJAL BAGHEL	M.Sc. IV Semester	Kajal
58.	RATNAKAR	M.Sc. IV Semester	Ratnakar

59. PRANITA SHARMA

Ph.D.

Pranita

RESEARCH SCHOLARS

S No.	Name
Department of Biotechnology	
1.	EKTA SINGH
2.	RAJESHWARI PRABHA LAHARE
3.	LOHIT RAJ SHIVWANSHI
4.	SOMENDRA KUMAR
5.	DINESH KUMAR

FACULTY MEMBERS

S No.	Name
Department of Biotechnology	
1.	Dr. SHWETA PANDEY
2.	Dr. NIKHIL MISHRA
3.	Mr. MOTIRAM SAHU

Till date above students have already registered.

Kindly send me detail about your schedule and programme

Dr. Anil Kumar

Govt. V.Y.T.P.G. Auto.College, Durg (CG)

Principal

Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)



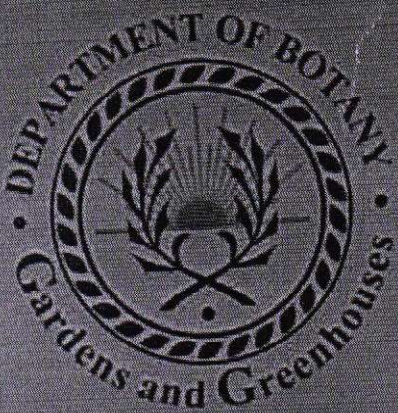
2.2.2.

WORKSHOP

ON

"MUSHROOM CULTIVATION AND ITS PROSPECTS"

(28th September to 03rd October, 2016)



Organized

By

DEPARTMENT OF BOTANY

Collaboration with

KRISHI VIGYAN KENDRA ANJORA, DURG (C.G.)

**GOVT. V.Y.T. PG AUTONOMOUS COLLEGE,
DURG (C.G.) - 491001 INDIA**

Reaccredited by NAAC with Grade "A"

College with Potential for Excellence, Phase -III UGC New Delhi



Principal

Govt. V.Y.T. PG Autonomous
College, Durg (C.G.)

Program Schedule of the Workshop

Day 1 28.09.2016

Inaugural Session
(11:30 AM-12:30 PM)

Dr. Ranjana Srivastava,
Convenor of the workshop
Dr. S.K. Rajput, Principal,
Govt. V.Y.T. PG
Autonomous College,
Durg(C.G.)

Dr. S.K. Thapak, Program
Co-ordinator, Krishi
Vigyan Kendra, Anjora,
Durg

Tea Break

Technical Session -I
Invited Lecture

Dr. S.K. Thapa, Program Co-ordinator, Krishi
Vigyan Kendra, Anjora, Durg
Topic: Introduction and importance of
Mushroom.

Lunch Break
Technical Session-II
Invited Lecture

Dr. S.K. Thapa, Program Co-ordinator, Krishi
Vigyan Kendra, Anjora, Durg
Topic: Diversity of Mushroom and its
identification

Day - 2, 29/09/2016
Invited Lecture

Dr. H.K. Singh, Junior Scientist
Mushroom Unit, IGKV, Raipur
Topic: Integration of Mushroom Cultivation in
Integrated Farming System

Tea Break
Invited Lecture

Dr. H.K. Singh, Junior Scientist
Mushroom Unit, IGKV, Raipur
Topic: Oyster mushroom cultivation

Lunch Break
Practical Session

Dr. H.K. Singh, Junior Scientist
Mushroom Unit, IGKV, Raipur
Preparation of Paddy substrate and sterilization

Day -3, 30/09/2016
Technical Session-I

Lecture

Dr. Shriram Kunjam, Assistant Professor
(Botany), Govt. V.Y.T. PG Autonomous College,
Durg
Topic: Medicinal Importance Mushroom

Tea Break (12:30-12:45)

Lecture

Dr. K.I. Toppo, Assistant Professor (Botany).

Govt. V.Y.T. PG Autonomous
College, Durg (C.G.)



12:45 - 2:00 pm

Govt. V.Y.T. PG Autonomous
College, Durg (C.G.)

		Govt. V.Y.T. PG Autonomous College, Durg Topic: Edible and Non-edible Mushroom
2:30 – 4:00 pm	Lunch Break (2:00-2:30pm) Practical Session	Spawning Techniques by Dr. G.S. Thakur and Dr. Shriram Kunjam, Assistant Professor (Botany), Govt. V.Y.T. PG Autonomous College, Durg

	Day 4, 01/10/2016 Technical Session-I Invited Lecture	
11:00 – 12:30 pm		Dr. C.S. Shukla, Senior Scientist, Mushroom Unit, IGKV, Raipur(C.G.) Topic: White button mushroom cultivation

	Tea Break (12:30- 12:45pm) Invited Lecture	
12:45 – 2:00 pm		Dr. C.S. Shukla, Senior Scientist, Mushroom Unit, IGKV, Raipur(C.G.) Topic: Advances In Cultivation Of Paddy Straw Mushroom

	Lunch Break (2:00 – 2:30 pm) Practical Session	
2:30 – 4:00		Handling, Watering and Harvesting techniques of Mushroom cultivation

	Day 5, 02/10/2016 Practical Session-I Lunch Break (2:00 – 2:30pm) Practical Session –II	
11:00 am– 2:00 pm		Sterilization of substrates and Bag preparation
2:30- 4:00 pm		Handling and Observations

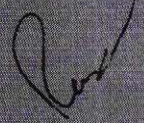
	Day 6, 03/10/2016 Invited Lecture	
11:00 – 12:30		Dr. S.K. Thapak, Program Co-ordinator, Krishi Vigyan Kendra, Anjora, Durg Topic: Insect and Pest Management in Mushroom Cultivation

12:30 pm	Valedictory Function Feedback by Participants Valedictory Speech by Chief Guest	Dr. S.K. Rajput, Principal, Govt. V.Y.T. PG Autonomous College, Durg.
----------	--	--


Presided by	Dr. S.K. Thapak, Program Co-ordinator, Krishi Vigyan Kendra, Anjora, Durg.
-------------	---

Special Guest Vote of Thanks and Conclusion of Workshop	Prof. L.K. Chelikswami, Rtd. Professor Dr. G.S. Thakur, Assistant Professor, Govt. V.Y.T. PG Autonomous College, Durg.
---	--

Certificate Distributions

 HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T. PG Autonomous
College, Durg (C.G.)

**WORKSHOP
ON
"MUSHROOM CULTIVATION & ITS PROSPECTS"**

Department of Botany
Govt. V.Y.T. PG Autonomous College, Durg (C.G.)
28th September to 03rd October, 2016

REPORT

A workshop on "Mushroom cultivation and its prospects" was organized from 28th September to 03rd October, 2016 by the Department of Botany, Govt. V.Y.T. PG Autonomous College, Durg (C.G.) with the collaboration of Krishi Vigyan Kendra, Anjora Durg (C.G.). Dr. S.K. Rajput, Principal, Govt. V.Y.T. PG College, Durg was the Chief Guest and Dr. S.K. Thapak, Program Coordinator, Krishi Vigyan Kendra, Anjora Durg was the Chair Person of the inaugural function of the workshop. 45 students of M.Sc.-I and III semester (Botany), Govt. V.Y.T. PG College, Durg, 05 students from Swami Swaroopanand College, Hudco, Bhilai and 04 research scholar from ST. Thomas College, Ruabandha, Bhilai were participated in the workshop.

The main objective of the workshop was to inspire the students for the entrepreneurship in the field of mushroom cultivation and it's harvesting and marketing. Dr. S.K. Thapak from Krishi Vigyan Kendra Anjora, Dr. C.S. Shukla, Chief Scientist, Mushroom Production Unit, and Dr. H.K. Singh, Indira Gandhi Krishi Vishwavidhyalaya, Raipur (C.G.) were invited for the technical and practical sessions of the workshop. A total 11 technical session and 12 practical sessions were conducted.

Six days workshop was concluded in the presence of Dr. S.K. Rajput as Chief Guest, Principal, Govt. V.Y.T. PG College, Durg and Dr. S.K. Thapak, as Chair Person from Krishi Vigyan Kendra Anjora. Prof. L.K. Chelakswami, Rtd. Professor, Department of botany was also present as special guest.

Dr. Ranjana Shrivastava, Coordinator and Dr. G.S. Thakur were the Organizing Secretary of the workshop. All Faculty members Prof. Gayatri Pandey, Dr. K.I. Toppo, Dr. Shubha Gupta, Dr. Pragya Kulkarni, Dr. Shriram Kunjam, Dr. Reena Sahu, Dr. Gayatri Neelam Shastri and Ms Pranita Sharma Research Scholar were also given their presence in the workshop.

Principal
Govt. V.Y.T. PG Autonomous
College, Durg (C.G.)



एकीकृत फसल के रूप में मशरूम को अपनाने की सलाह

मिनाल कर जल निकास

शुद्ध मशरूम उत्पादन

साइंस कॉलेज में मशरूम उत्पादन पर लगा

■ मध्यभारत समाचार, दुर्ग

शास. विज्ञान महाविद्यालय दुर्ग एवं कृषि विज्ञान केन्द्र अंजोरा के संयुक्त सत्वायमान में आयोजित मशरूम उत्पादन वर्कशॉप का समापन मुख्य अतिथि डॉ. एस.के. राजपूत गणपति, डॉ. एस.के. घापक कार्यक्रम समन्वयक कृषि विज्ञान केन्द्र अंजोरा के अध्यक्षता में विभिन्न अतिथि प्रां. एन.के. चेलिक स्वामी की उपस्थिति में हुआ।

कार्यक्रम की अध्यक्षता कर रहे डॉ. एस.के. घापक ने बताया कि जनसंख्या बढ़ रही है व कृषि भूमि दिन-प्रतिदिन कम हो रही है एकीकृत रूप से मशरूम उत्पादन से बहुत अच्छा विकल्प हो सकता

है, प्राचार्य डॉ. एस.के. राजपूत ने भी छात्र-छात्राओं को संबोधित किया कार्यक्रम की संयोजक चरमपति राधिका जी विधाभाष्य डॉ. राजन कोचरकर ने कहा कि इस तरह के तकनीकी कार्यक्रमों में और भी आयोजन किये जायेंगे जिससे छात्र-छात्रा लाभान्वित होंगे आयोजित सचिव डॉ. जी.एम. डाकुर ने बताया कि इस वर्कशॉप में विज्ञान महाविद्यालय के आचार्य केन्द्र धर्मस महाविद्यालय के आचार्य भिलाई व स्वामी स्व.म.पानंद महाविद्यालय हडको, भिलाई के छात्र-छात्राओं ने भाग लिया वर्कशॉप में कुल 11 तकनीकी मशरूम एवं 12 प्रायोगिक सब आयोजित हुए कृषि विज्ञान केन्द्र अंजोरा एवं



मशरूम उत्पादन की विधि बताते विशेषज्ञ

[Signature]

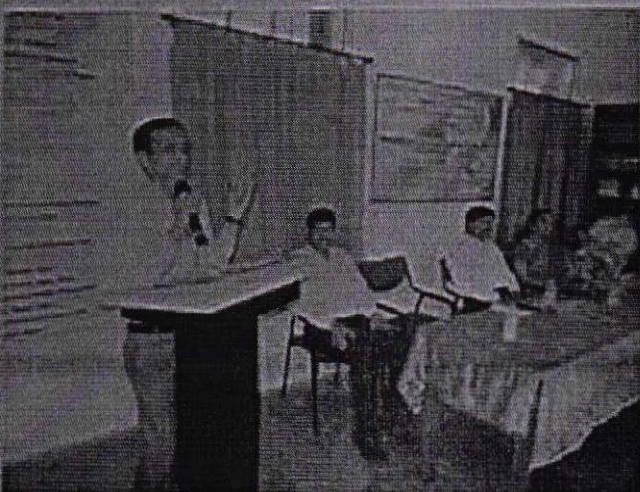
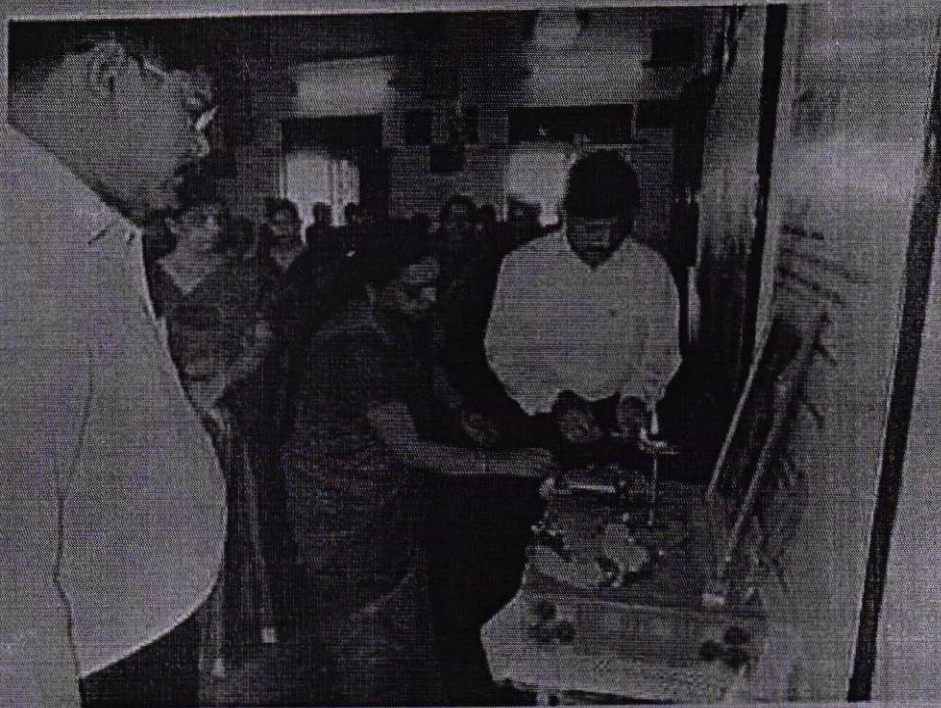
PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



[Signature]

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Inaugural function



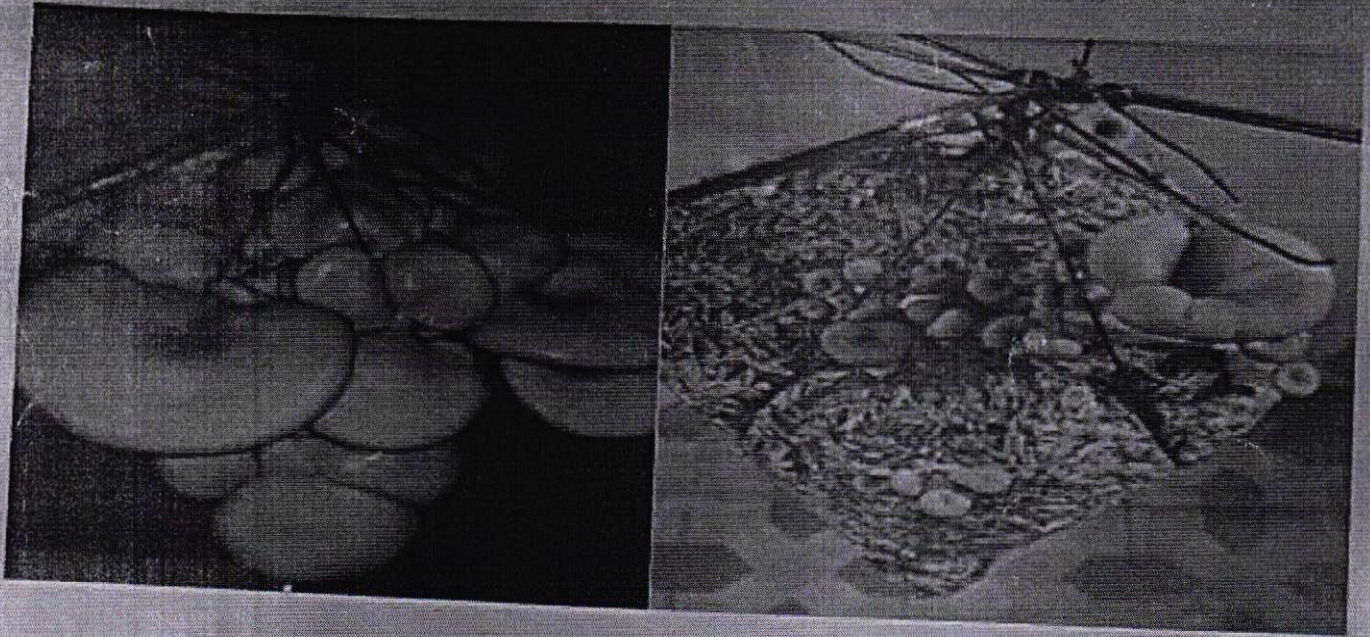
Lat

GOVT. V.Y.T.P.G. AUTO
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

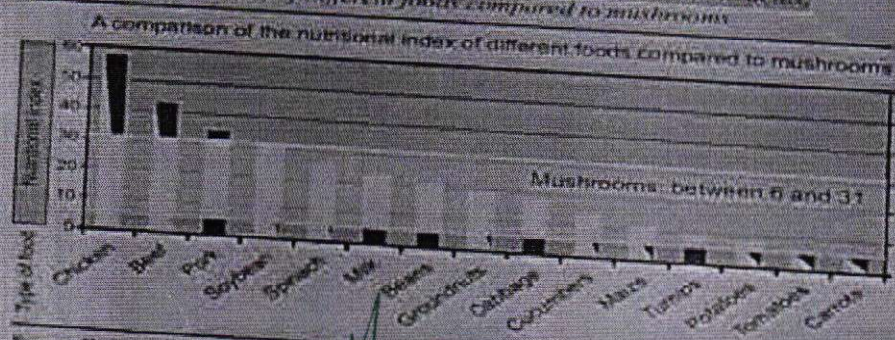
After two weeks growth of mushroom



Oyster Mushroom



FIGURE 1. A comparison of the nutritional index (essential amino acids, vitamins and minerals) of different foods compared to mushrooms



Source: FAO, 2004. World edible fungi: a global overview of their use and importance for people
by P. Bred, Noni Wood, Forest Products, Rome, Italy

Principal
V.Y.T.P.G. Autonomous
College, Durg (C.B.)



Notice

26-9-16

A work shop on Mushroom cultivation will be organised in the dept of Botany from 28th sept to 3rd oct 2016 for the conduction of workshop following works has been allotted to the faculty members

Patron - Dr. S.K. Rajput

Convenor - Dr. Ranjana Shrivastava

Organizing secretary - Dr. G.S. Thakur *(Signature)*

Registration - ① Dr. Gayatri Neelam Shastri *(Signature)*
② Dr. Reena Sao *(Signature)*

Certificate - ① Dr. Shriram Kunjam Shyam

Lunch & Tea - ① Prof. Gayatri Pandey *(Signature)*
arrangements ② Dr. R.I. Toppo *(Signature)*

Lamp lightening - ① Dr. Shubha Gupta *(Signature)*
(अनवरणीय प्रकाश प्रदान करने)

Other Arrangements ① Dr. G.S. Thakur *(Signature)*
for workshop - ② Dr. Shriram Kunjam - Shyam

(Signature)
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Date - 28-9-16

Inauguration function - 12.00 p.m. onwards

Technical session - I & II -

By Dr. S.K. Thapak

Programme co-ordinator - Krishi Vigyan
Kendra Anjorey

Topic - I Introduction, Importance and
Significance of Mushroom cultivation

II General techniques of cultivation

Demonstration Step I

Parakulti Soaking

Gen. Introducing Method of Substrate



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Msc III Sem.

Name	Singnature	Amount
1. Bhupendra kumar	<u>Bhup</u>	200/-
2. Devdam	<u>Devdam</u>	200/-
3. Harish chandra Gupta		
4. Jagrit	<u>Jagrit</u>	200/-
5. Khilendra kumar	<u>Khilendra</u>	200/-
6. Arjit Singh Rajput	<u>Arjit</u>	200/-
7. Bhagyalata Gawde	<u>Bhagyalata</u>	200/-
8. Bhawna	<u>Bhau</u>	200/-
9. Divyaneer Yadav	<u>Divyaneer Yadav</u>	200/-
10. Hemlata	<u>Hemlata</u>	200/-
11. Hempushpa kaushik		200/-
12. Kavita Nag	<u>Kavita</u>	200/-
13. Khushboo	<u>Khushboo</u>	200/-
14. Madhuri kothari	<u>Mkothari</u>	200/-
15. Nameshwari	<u>Nameshwari</u>	200/-
16. Ruby	<u>Ruby</u>	200/-
17. Sonam Sinha	<u>Sonam Sinha</u>	200/-
18. Varsha	<u>Varsha</u>	200/-
19. Venukabala	<u>Venukabala</u>	200/-
20. Yogita	<u>Yogita</u>	200/-
21. Rakesh	<u>Rakesh</u>	200/-
22. Ajay kumar	<u>Ajay</u>	200/-
23. Bhuneshwari	<u>Bhakesh</u>	200/-

[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



[Signature]
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Msc I Sem

Name	Signature	Amount	
1. Manish	<u>Manish</u>	200/-	1)
2. Ku Anita	<u>ANITA</u>	200/-	
3. Ku Rambhadr masiyare	<u>Rambhadr</u>	200/-	
4. Ku. Hiteshwari	<u>Hiteshwari</u>	200/-	2)
5. Ku. Pakeshwari Bahu			
6. Ku. Shubhechchhatamrakar	<u>Shubhechchhatamrakar</u>	200/-	
7. Ku. Barkha mahobiya	<u>Barkha</u>	200/-	3)
8. Ku. Varsha Sinha			
9. Ku Vijaya laxmi diwan	<u>Diwan</u>	200/-	4)
10. Ku. Deepika arya	<u>Deepika</u>	200/-	4)
11. Bhagwat sivare	<u>Bhagwat</u>	200/-	
12. Tashan goswami	<u>Tashan</u>	200/-	
13. Shyamoo	<u>Shyamoo</u>	200/-	
14. Lomash kumar	<u>Lomash</u> 30/09/2016	200/-	
15. Ku. Taruna	<u>Taruna</u>	200/-	
16. Rinee Vishwakarma			5)
17. Ku kunti	<u>Kunti</u>	200/-	
18. Ku Leena	<u>Leena</u>	200/-	
19. Ku. Sharma deepali		200/-	6)
20. Ku. Supriya	<u>Supriya</u>	200/-	
21. Ku. Ayesha tarannum	<u>Ayesha</u>	200/-	
22. Ku. priya Upadhyay			7)

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



8)

03/10/16.

- | Name | College | Feedback. |
|---------------------|----------------------------|--|
| 1) Priyambada Singh | St. Thomas College, Bhilai | Important & Interesting workshop. Useful in future. |
| 2) Bhushwaribabu | St. Thomas college | lots of information gained. |
| 3) Bhushwari Nayab | St. Thomas clg. Bhilai | Useful for all income sources |
| 4) Puja KUMAR | SSSMV Bhilai | very fruitful and knowledgeable for us and good income source in low investment. |
| 5) Poonam Barchher | Sachinapanand College | Very useful. |
| 6) Monika Rajput | S.S.SSMV Bhilai | Useful for all techniques a mushroom production |
| 7) Neeta Sehar | SSSMV Bhilai | This workshop is very useful and good knowledge. |
| 8) Seema Verma | SSSMV bhilai | This workshop is very fruitful for me. |



[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

[Signature]
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Guest Lecture on DNA a beautiful molecules of life Dr. Sujoy Das Gupta

Date – 23/02/2021

Topic - DNA a beautiful molecules of life

Place – Department of Botany

Resource person – Dr. Sujoy Das Gupta (Bose Institute, Kolkata), “DNA a Beautiful Molecule of Life”

Purpose –

1. To refresh our knowledge by coming together through online mode during COVID-19 Pandemic, which will be beneficial for students & faculties both.
2. To make students familiar with online learning mode.
3. To create interest in students by organizing lectures delivered by Renown Resource Person of our country.
4. To provide opportunities to faculty members for getting benefitted with the knowledge of Resource Person, which can be used by faculties to bring innovations in their teaching methods.
5. To become familiar with the Resource Person of other esteemed institutions of the same field.
6. To engage the students in their studies by new-methods of teaching.
7. To uplift the academic activities of the department.

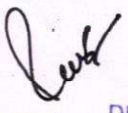
Outcome –

1. The online webinar was a great success as students and faculty members have taken very active participation.
2. The Resource Person Dr. (Professor) Sujoy Das Gupta has given his kind consent of organizing a virtual workshop on Instrumentation for our department students.
3. Students revised their knowledge of DNA in the form of “DNA a Beautiful Molecule of Life”.
4. This webinar created a good interaction of students and faculty members with the Resource Person.
5. It made the cordial relation between both the institutions, Our college and Bose Institute of Kolkata.

Suggestion –

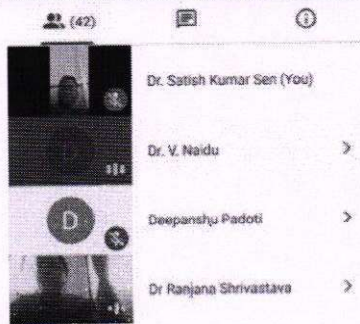
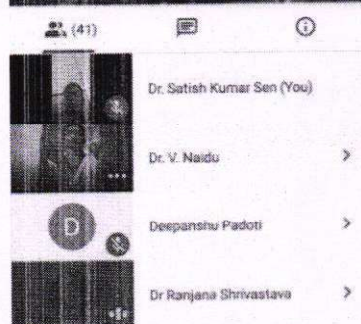
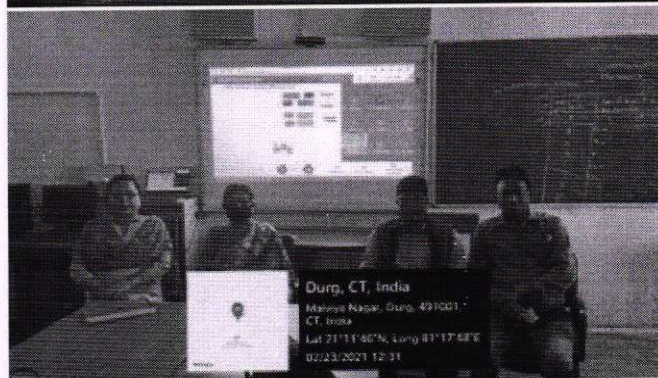
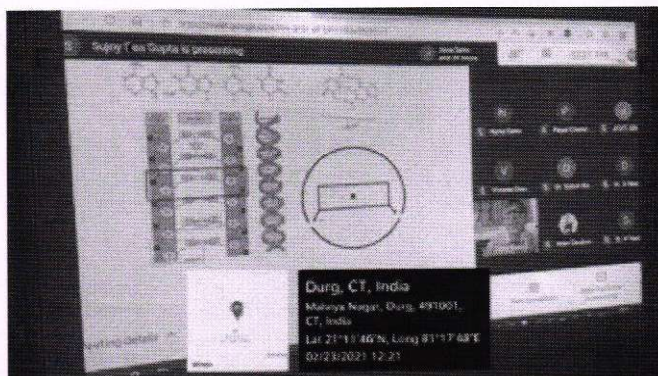
1. HOD Madam Dr. Ranjana Shrivastava suggested the organizing secretary Dr. Vijay Laxmi Naidu to have a workshop based on instrumentation with the help of Dr. Sujoy Das Gupta.
 2. All Faculty members suggested the students to become familiar with online learning tools.
 3. Students have given their feedback in the form of organizing such kind of webinar for more days.
- List Students


Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Guest lecture on DNA a beautiful molecules of life Dr. Sujoy Das Gupta 23/02/21



Prof. V.Y.T.P.G.

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

डीएनए है जीवन का एक सुंदर अणु : डॉ. दासगुप्ता

भेलाई बांस इंस्टीट्यूट ऑफ कोलकाता डॉ. सुजेय कुमार दासगुप्ता ने कहा कि डीएनए जीवन का एक महत्वपूर्ण अंग है। जीवन का आधार है। इसके आधार पर ही जीवन की उत्पत्ति, जीन समेत अन्य चीजों के बारे में जाना जा सकता है। उन्होंने डीएनए की संरचना, ह्यूमन जीन प्रोजेक्ट, पीसीआर और क्रिस्पर की भी जानकारी दी। उन्होंने छात्रों की शंकाओं का भी समाधान किया।

साइंस कॉलेज में बने वनस्पति परिषद का ऑनलाइन उद्घाटन करते हुए उन्होंने बॉटनी से संबंधित विभिन्न जानकारी दी। विभाग की अध्यक्ष डॉ. रंजना श्रीवास्तव ने परिषद के गठन और उसके उद्देश्यों की जानकारी दी। संचालिका डॉ. विजय लक्ष्मी नायडू ने छात्रों के हित में होने वाले काम के बारे में बताया। कार्यक्रम में अश्विन गौतम, धर्मेन्द्र, टोमेश्वरी, उमाशंकर, यशवंत एवं विधि नामदेव वनस्पति विज्ञान की महत्ता पर प्रस्तुति दी।

13:09

WhatsApp

Not Secure — sundaycampus.com

का ऑनलाइन वेबीनार में उद्घाटन

February 24, 2021 | Education | No comments



दुर्ग। शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय दुर्ग में वनस्पतिशास्त्र परिषद का उद्घाटन आज डॉ. सुजेय कुमार दास गुप्ता, बैप्टु इंस्टीट्यूट ऑफ कोलकाता के मुख्य आतिथ्य में ऑनलाइन किया गया। वनस्पतिशास्त्र विभाग की विभागाध्यक्ष डॉ. रंजना श्रीवास्तव एवं परिषद के सचिव डॉ. जी. एस. ठाकुर ने संयुक्त रूप से जानकारी दी कि डॉ. दासगुप्ता ने "डीएनए की ब्यूटीफुल मॉलिक्यूल लाईफ" विषय पर महत्वपूर्ण जानकारी दी। उन्होंने जीवन की उत्पत्ति, डीएनए की संरचना, जीन एक्सप्रेसन का ह्यूमन जीन प्रोजेक्ट, पीसीआर तथा क्रिस्पर टेक्नालॉजी के बारे में विस्तार से बताया। डॉ. दासगुप्ता के व्याख्यान के दौरान वनस्पतिशास्त्र के विद्यार्थियों ने अपने प्रश्न पूछकर अपनी शंका का समाधान किया। ऑनलाइन कार्यक्रम के प्रारंभ में विभागाध्यक्ष डॉ. रंजना श्रीवास्तव ने वनस्पतिशास्त्र परिषद के गठन के उद्देश्यों पर प्रकाश डाला। संचालिका डॉ. विजय लक्ष्मी नायडू ने वनस्पतिशास्त्र परिषद द्वारा आयोजित में आयोजित किये जाने वाली गतिविधियों की जानकारी दी। परिषद के उद्घाटन अवसर पर वनस्पतिशास्त्र के स्नातकोत्तर विद्यार्थी अश्विन गौतम ने वनस्पतिशास्त्र का महत्व, धर्मेन्द्र एवं टोमेश्वरी ने वनस्पतिशास्त्र परिषद का महत्व उमाशंकर ने औषधीय पौधे, यशवंत एवं विधि नामदेव ने वनस्पति विज्ञान की महत्ता पर अपनी प्रस्तुति दी। धन्यवाद ज्ञापन परिषद के सचिव डॉ. जी. एस. ठाकुर ने किया। ऑनलाइन उद्घाटन सफरोह में वनस्पतिशास्त्र ने डॉ. माधवी पाण्डेय, डॉ. के.आई. टोपनी डॉ. जी. एस. ठाकुर, डॉ. विजय लक्ष्मी नायडू, डॉ. सतीश सेन, डॉ. श्रीराम कुमार आदि उपस्थित थे।

Share this on WhatsApp

शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय दुर्ग

साइंस कॉलेज में वनस्पति शास्त्र परिषद उद्घाटित

दुर्ग। शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय में वनस्पति शास्त्र परिषद का उद्घाटन डॉ. सुजेय कुमार दास गुप्ता, बांस इंस्टीट्यूट ऑफ कोलकाता के मुख्य आतिथ्य में ऑनलाइन आयोजित हुआ। वनस्पतिशास्त्र विभाग के विभागाध्यक्ष डॉ. रंजना श्रीवास्तव एवं परिषद के सचिव डॉ. जी. एस. ठाकुर ने संयुक्त रूप से जानकारी दी कि डॉ. दासगुप्ता ने डीएनए की

ब्यूटीफुल मॉलिक्यूल लाईफ विषय पर महत्वपूर्ण जानकारी दी। उन्होंने जीवन की उत्पत्ति, डीएनए की संरचना, पीसीआर तथा क्रिस्पर टेक्नालॉजी के बारे में विस्तार से बताया। ऑनलाइन कार्यक्रम के प्रारंभ में विभागाध्यक्ष डॉ. रंजना श्रीवास्तव ने वनस्पतिशास्त्र परिषद के गठन के उद्देश्यों पर प्रकाश डाला। संचालिका डॉ. विजय लक्ष्मी नायडू ने वनस्पतिशास्त्र परिषद द्वारा आयोजित में आयोजित

किये जाने वाली गतिविधियों की जानकारी दी। वनस्पतिशास्त्र के स्नातकोत्तर विद्यार्थी अश्विन गौतम ने वनस्पतिशास्त्र का महत्व, धर्मेन्द्र एवं टोमेश्वरी ने वनस्पतिशास्त्र परिषद का महत्व, उमाशंकर ने औषधीय पौधे, यशवंत एवं विधि नामदेव ने वनस्पति विज्ञान की महत्ता पर अपनी प्रस्तुति दी। धन्यवाद ज्ञापन परिषद के सचिव डॉ. जी. एस. ठाकुर ने किया।

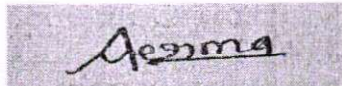
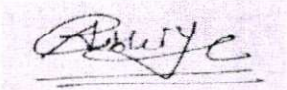

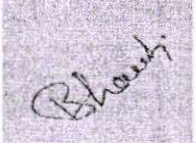
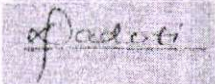
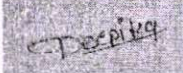
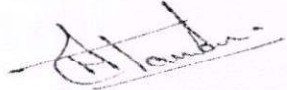
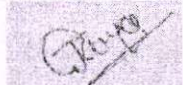
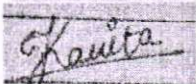
Prof.

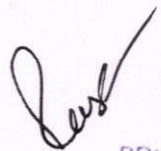
PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal

Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

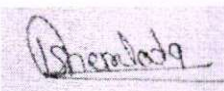
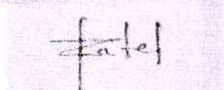

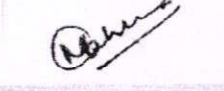
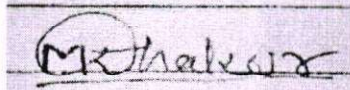
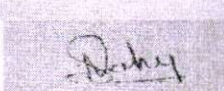

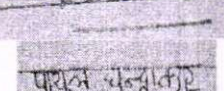
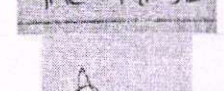
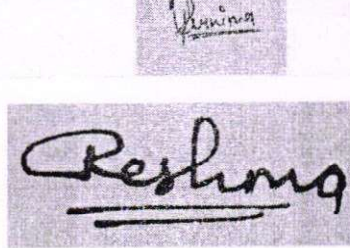
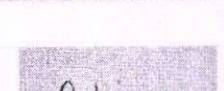
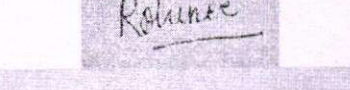
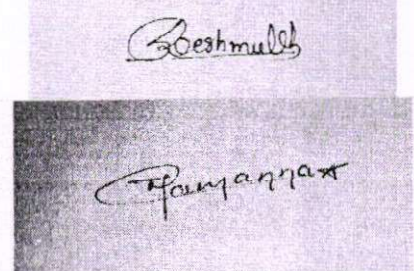
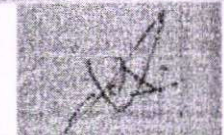
S.no	Name of students	Signature
1	Ajay kumar Verma	
2	Ankit Gajbhiye	
3	Ashwin Gautam	
4	Bharti Nareti	
5	Deepanshu Padoti	
6	Deepika Malendra	
7	Himani Tandon	
8	Jaya Sahu	
9	Kavita Dilliwar	




PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

10	Khemlata Gajpal	
11	Leminee Patel	
12	Madhu Yadav	
13	Mahima Sinha	
14	Mukesh kumar Thakur	
15	Neha Sahu	
16	Nitin Kumar Dindore	
17	Payal Chandrakar	
18	Poornima Sahare	
19	Reshma Mandavi	
20	Rohinee Latiya	
21	Sandhya Deshmukh	
22	Tamanna Gawade	
23	Vidhi Namdeo	


Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)

PROFESSOR & HEAD
 DEPARTMENT OF BOTANY,
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (C.G.)



24

Vineeta Deshmukh

Vineeta

25

Yashwant Verma

YV



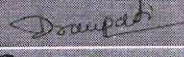

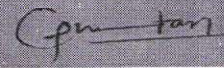
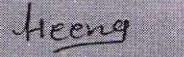
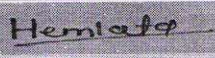

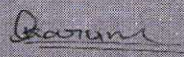
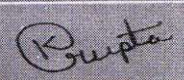
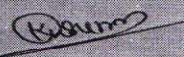
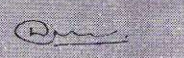
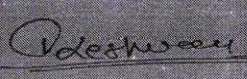

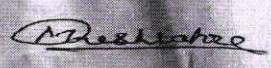
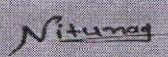
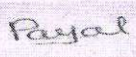
[Signature]

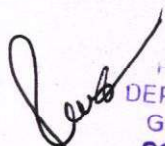
PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




[Signature]



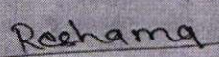
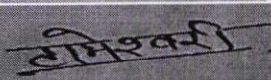
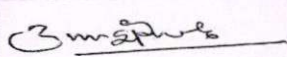
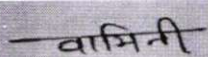
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)


S.no	Name of students	Signature
1	Aarti sahu	
2	Dharmendra Kumar	
3	Draupati kosare	
4	Geetika	
5	Gopal prasad	
6	Heena dhiwar	
7	Hemlata	
8	Jyoti sinha	
9	Karuna sonkar	
10	Kavita gupta	
11	Kusumlata	
12	Lekeshwari mandavi	
13	Lokeshwaree dewangan	
14	Manisha gajbhiye	
15	Manorama	
16	Nitu	
17	Payal kokila	


PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)





Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

19	Priya sahu	
20	Rashmi mandharia	
21	Reshama kuraiti	
22	Tameahwari dewangan	
23	Umashankar	
24	Vamini	


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

REPORT
ON
EDUCATIONAL TOUR
VISHAKHAPATANAM, ANDHRA PRADESH
07th-09th JANUARY 2020



DEPARTMENT OF BOTANY
GOVT. V.Y.T. PG AUTONOMOUS COLEGE,
DURG (CHHATTISGARH)

[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



[Signature]

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

EDUCATIONAL TOUR REPORT (VISAKHAPATNAM)


Educational excursions not only enhance the knowledge of the students but also broaden their outlook towards the outside world. It is for this reason Department of Botany, Govt. V.Y.T. PG Autonomous College Durg. Chhattisgarh, organized an educational trip to Visakhapatnam on 07-01-2020 to 09 -01-2020 for M.Sc. students of Botany. 30 students and 3 faculty members were the participants. The main purpose of the tour was to get the students aware about the richness in terms of costal biodiversity, culture and tradition of Vishakhapatnam to make worth our educational tour we planned to visit Andhra University. For this purpose we communicate with dean of Andhra University. Our Principal and Department facilitated all necessary actions.

First day of our trip we visited the Department of Botany of Andhra University. There we met the faculty members Prof. Prasad Rao, Prof Venkat Ramanand, a project fellow Mr. Murli Krishna. They are highly learned, experienced teacher in the field of Taxonomy and ethnobotany, as well as very much cooperative also. Even Mr. Murli assisted us for two days for sightseeing and collecting Algae from R.K. beach and Kailashgiri.



DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Department of Botany
Govt. V.Y.T. PG Autonomous College, Durg (C.G.)

List of Students for Education Tour

M.Sc. II Semester

M.Sc. IV Semester

S.N.	Name of Students	S.N.	Name of Students
1.	Kavita Gupta	18.	Devendra Nirmalkar
2.	Aarti Sahu	19.	Prabha Kosre
3.	Karuna Sonkar	20.	Yikeshwar
4.	Heena	21.	Manjusha Pal
5.	Lokeshwari Dewangan	22.	Nisha
6.	Jyoti Sinha	23.	Neelam
7.	Manorama Deshlahre	24.	Tanu Chandrakar
8.	Lekeshwari Mandavi	25.	Karishma
9.	Payal Kokila	26.	Mahima
10.	Geetika Dhruw	27.	Yamini
11.	Priyanka Sinha	28.	Somnath
12.	Tameshwari Dewangan	29.	Dushyant
13.	Gopal Prasad	30.	Lalima
14.	Umashankar Gayakwad	31.	Deepa Mehra
15.	Priya Sahu	32.	Shruti Rajput
16.	Draupati	33.	Dileshwari
17.	Dharmendra		

List of Faculty Members

1. Dr. K.I. Toppo
2. Dr. G.S. Thakur
3. Dr. Shriram Kunjam
4. Dr. Satish Kumar Sen

Lab Technician

Smt. Shail Tiwari

Head of Department

Botany

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Principal

Govt. V.Y.T. PG Autonomous College,
Durg (C.G.)

DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

कार्यालय प्राचार्य
शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय, दुर्ग (छ.ग.)
{पूर्वनाम: शासकीय कला एवं विज्ञान महाविद्यालय, दुर्ग (छ.ग.)}
नैक ग्रेड-ए+, सी.पी.ई.-फेस-3, डी.बी.टी.-स्टार कालेज
फोन नं. 0788-2359688, फैक्स नं. 0788-2359688,
Website: www.govtsciencecollegedurg.ac.in

क्रमांक / 1847 / 19

दुर्ग, दिनांक 31 / 12 / 13

आदेश

वनस्पति शास्त्र विभाग के निम्नलिखित प्राध्यापकों एवं प्रयोगशाला तकनीशियन को दिनांक 06/01/2020 से 10/01/2020 तक शैक्षणिक भ्रमण के लिए एम.एस.सी. वनस्पति शास्त्र के 33 छात्र/छात्राओं के साथ विशाखापटनम आन्ध्रप्रदेश जाने के लिए आदेशित किया जाता है।

प्राध्यापकों का नाम

1. डॉ. के. आई टोप्पो
2. डॉ. जी. एस. ठाकुर
3. डॉ. श्रीराम कुंजाम
4. डॉ. सतीश सेन

प्रयोगशाला तकनीशियन

1. श्रीमती शैल तिवारी

प्राचार्य

शा.वि.या.ता.स्व.स्ना.महाविद्यालय,
दुर्ग, (छ.ग.)

Principal

Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)



PROFESSOR
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

दिनांक 19.12.79

प्रति

प्रचार्य
रास दि मा रा स्ना स्वशासी
महाविद्यालय दुर्ग

विषय:- वार्षिक प्रमण में विद्याख्यापनम जाने की
अनुमति वाकन ।

महोदय,

उपरोक्त विद्यमानतर्गत निवेदन है कि
एम. एस. सी. वनस्पति वास्ना ने छात्र छात्राओं
की दिनों 6 जनवरी से 9 जनवरी 2020 तक
वार्षिक प्रमण में विद्याख्यापनम ले जाना
चाहते हैं ।

अतः उक्त वार्षिक प्रमण में
विद्याख्यापनम जाने की अनुमति प्रदान
काने की कृपा करें ।

Dunali

डॉ. जी. एस. नाडूर

(Town Exchange)

निदेश की प्रालोकनी

शत मु. अनुमति वी
वारी 67

Principal

Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

[Signature]

विभागाध्यक्ष

(वनस्पति वास्ना विभाग)

डॉ. रंजन श्रीवास्तव

GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



महाविद्यालय के छात्रों का शैक्षणिक भ्रमण

19.01.2020



दुर्ग. वानस्पतिक पेड़ पौधों का उनके प्राकृतिक आवास में देखना पहचानना, समझना बहुत आवश्यक है, जिससे छात्रों को आवास की विभिन्नता से पौधों की विभिन्न प्रजातियों को जानने का अवसर प्राप्त होता है, इसी उद्देश्य के लिए शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय के वनस्पति विभाग स्नातकोत्तर के विद्यार्थियों ने विशाखापटनम (आंध्रप्रदेश) का शैक्षणिक भ्रमण किया। महाविद्यालय के प्राचार्य डॉ. आर. एन. सिंह एवं विभागाध्यक्ष डॉ. रंजना श्रीवास्तव के मार्गदर्शन में यह भ्रमण आयोजित किया गया। वनस्पति शास्त्र विभाग के प्राध्यापक, डॉ. के. आई. टोप्पो, डॉ. जी. एस. ठाकुर, डॉ. श्रीराम कुंजाम, एम. कु. दीपिका ध्रुवपुरे शैक्षणिक भ्रमण में छात्रों के साथ उपस्थित थे, जिनके नेतृत्व में छात्रों ने आन्ध्र विश्वविद्यालय के

वनस्पति विभाग के बॉटनिकल म्यूजियम, हरबेरियम, बॉटनिकल गार्डन के विभिन्न प्रजातियों, आर्किड, पाम, फर्न और अन्य दुर्लभ पौधों को देखा। वहां के प्रोफेसर डॉ. जे. प्रकाश राव एवं उनके शोध छात्र ने म्यूजियम हरबेरियम व बॉटनिकल गार्डन के पौधे की विस्तृत जानकारी दी।

विशाखापटनम अपनी प्राकृतिक सौंदर्यता के लिए जाना जाता है। जहां पहाड़, समुद्र एवं पेड़ पौधे अपनी छटा बिखेरती है। छात्रों ने विभिन्न समुद्रीय शैवाल का अध्ययन कर संग्रह किया। साथ बोरकिव एवं अर्कूवेली मार्ग के पौधों की जैवविविधता को प्रत्यक्ष रूप से देखा। इस बीच काफी एवं काली मिर्च प्लान्टेशन देखने का भी अवसर प्राप्त हुआ। रामकृष्ण समुद्र तट पर स्थित सबमरीन (पनडुब्बी) संग्रहालय देखना छात्रों के लिए कौतूहल से कम नहीं था।



Principal

GOVT. V.Y.T.P.G. Autonomous College, Durg (C.G.)

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTONOMOUS
COLLEGE, DURG

DEPARTMENT OF BOTANY



Excursion activity

Excursion – Educational tour to IGKV Raipur

Date of visit – 15/10/2019

Place of visit – Indira Gandhi Krishi Vishwavidyalay Raipur, Distric Raipur

Purpose of visit – Practical and live demonstration of plant science , agricultural research and development.

Outcome of the visit – we have learn many scientific techniques, principles, our traditional Chhattisgarhi agricultural techniques and different varieties of plant grown across Chhattisgarh, these information will be further beneficial for our educational upliftment.

S. No.	Name of students II Sem	Name of students IV Sem
1.	Nitu Nag	Vidya
2.	Payal Kokila	Nisha
3.	Priyanka Sinha	Prabha
4.	Kavita Gupta	Nilam
5.	Aarti Sahu	Tanu
6.	Lekeshwari	Dileshwari
7.	Jyoti Sinha	Tameshwari
8.	Dharmendra	Usha
9.	Gopal Prasad	Yikeshwar
10.	Umashankar	Dushayant
11.		Somnath
12.		Devendra

Res

DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



he
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Excursion activity 04

EDUCATIONAL TOUR LUCKNOW

05th-10th MARCH 2017

Date 5-10/03/2017

Place: - Lucknow

Aim: - Learn about Tools techniques, Medicinal plants, NBRI, CDRI, BSIP centres.

Department of Botany, Govt. V.Y.T. PG Autonomous College, Durg (C.G.) organizes an educational tour to different Institute of Council of Scientific and Industrial Research (CSIR), Lucknow (Uttar Pradesh) during 05th-10th March 2017.

Purpose: - The purpose of the trip is, to provide students with experiences outside their activities. Field trips give them a chance to get out of the classroom and experience something new which is necessary for higher college and institutes. In these tour 30 students of M.Sc. 1st and 2nd semester was participated.

1. 06th March 2017: First day we visited NBRI, CDRI and Birbal Sahni Institute of Paleoscience.

2. 07th March 2017- Second day we visited to CIMAP

a. National Botanical Research Institute (NBRI)

At the institute, the students visited following divisions-

- Library Laboratories
- Jurassic gallery Cactus house
- Moss house Fern house
- Museum Bonsai house.

b. Central Drug Research Institute (CDRI)

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

The following divisions of CDRI are visited by the students which involved in Research and Development.

- Biochemistry Section Botany division
- Clinical and Experimental Medicine Microbiology division
- Pharmacology Pharmaceutics

c. Birbal Sahni Institute of Paleoscience (BSIP)

At the institute, the students visited following division-

- Central Museum Knowledge Resource Centre.
- Herbarium Section Carbon dating section
- Electron Microscope section

d. Central Institute of Medicinal and Aromatic Plants (CIMAP)

Students visited here is a herbal garden having-

- Medicinal plants Varieties of fragrant trees, shrubs and herbs
- Nakshatra, Rashi garden Library

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

EDUCATIONAL TOUR LUCKNOW5-10/03/2017



Handwritten signature

HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Handwritten signature
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY




An Educational Tour

Date of visit – 07-09/01/2020


Place of visit – VISHAKHAPATNAM (Andhra University, Ramakrishna Beach, Kailasgiri, Simhanchalam, Indira Gandhi Zoological Park, Rushikonda Beach, Submarine Museum).

Purpose of visit: – to get the students aware and knowledge about the richness in terms of coastal Biodiversity, culture and tradition of Vishakhapatnam.

Outcome of the visit: – we have learn many seashore vegetation, natural coffee garden hills and caves vegetation, Indira Gandhi Zoological Park, and different varieties of plant grown across Vishakhapatnam, these information will be further beneficial for our educational upliftment.


PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (G.G.)

VISHAKHAPATNAM (Andhra University, Ramakrishna Beach, Kailasgiri, Simhanchalam, Indira Gandhi Zoological Park, Rushikonda Beach, Submarine Museum)

Students list

MSc. III Sem

Aarti Sahu

Anjali Hiyal

Bhoomika

Deshmukh

Deepa Mehara

Devendra Kumar

Nirmalkar

Dileshwari

Dushyant Kumara

Karishma Usendi

Lalima Korram

Mahima Korram

Manjusha Pal

Neelam

Mrichandey

Nisha

Prabha Kosare

Shruti Rajput

Somnath

Tameshwari Tekam

Tanu Chandrakar

Trishna Devi

Usha Sinha

Vidya

Yamini Markam

Yikeshwar

MSc.I

Aarti Sahu

Dharmendra

Kumar

Draupati Kosare

Geetika

Gopal Prasad

Heena Dhiwar

Hemlata

Jyoti Sinha

Karuna Sonkar

Kavita Gupta

Kusumlata

Lekeshwari

Mandavi

Lokeshwari

Dewangan

Manisha Gajbhiye

Manorama

Neetu

Payal Kokila

Priyanka

Priya Sahu

Rashmi


Mandhariya

Resma Kuraiti

Tameshwari

Dewangan

Umashankar


PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

महाविद्यालय के छात्रों का शैक्षणिक भ्रमण



दुर्ग, वनस्पतिक पेड़ पौधों का उनके प्राकृतिक आवास में देखना पहचानना, समझना बहुत आवश्यक है, जिससे छात्रों को आवास की विभिन्नता से पौधों की विभिन्न प्रजातियों को जानने का अवसर प्राप्त होता है, इसी उद्देश्य के लिए शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय के वनस्पति विभाग स्नातकोत्तर के विद्यार्थियों ने विशाखापटनम (आंध्रप्रदेश) का शैक्षणिक भ्रमण किया, महाविद्यालय के प्राचार्य डॉ. आर.एन. सिंह एवं विभागाध्यक्ष डॉ. रंजना श्रीवास्तव के मार्गदर्शन में यह भ्रमण आयोजित किया गया। वनस्पति शास्त्र विभाग के प्राध्यापक, डॉ. के.आई. टोप्पो, डॉ. जी.एस. ठाकुर, डॉ. श्रीराम कुंजाम, एवं डॉ. दीपिका मुखर्जी शैक्षणिक भ्रमण में छात्रों के साथ उपस्थित थे, जिनके नेतृत्व में छात्रों ने आन्ध्र विश्वविद्यालय के

वनस्पति विभाग के बॉटनिकल म्यूजियम, हरबेरियम, बॉटनिकल गार्डन के विभिन्न प्रजातियों, आर्किड, पाम, फर्न और अन्य दुर्लभ पौधों को देखा, वहाँ के प्रोफेसर डॉ. जे. प्रकाश राव एवं उनके शोध छात्र ने म्यूजियम हरबेरियम व बॉटनिकल गार्डन के पौधे की विस्तृत जानकारी दी।

विशाखापटनम अपनी प्राकृतिक सौंदर्यता के लिए जाना जाता है, जहाँ पहाड़, समुद्र एवं पेड़ पौधे अपनी छटा बिखेरती है, छात्रों ने विभिन्न समुद्रीय शैवाल का अध्ययन कर संग्रह किया, साथ बोरकिव एवं अर्कूवेली मार्ग के पौधों की जैवविविधता को प्रत्यक्ष रूप से देखा, इस बीच काफ़ी एवं काली मिर्च प्लान्टेशन देखने का भी अवसर प्राप्त हुआ, रामकृष्ण समुद्र तट पर स्थित सबमरीन (पनडुब्बी) संग्रहालय देखना छात्रों के लिए कोतूहल से कम नहीं था।

(Signature)

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



(Signature)

Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

**A
REPORT
ON
“AN EDUCATIONAL TOUR TO INDIRA
GANDHI KRISHI VISHWAVIDYALAYA
RAIPUR”**

**Submitted By
Students of M.Sc.Botany**



**Department of Botany
GOVT. V.Y.T.PG AUTONOMOUS COLLEGE
DURG (C.G.)
(2019-2020)**

Law

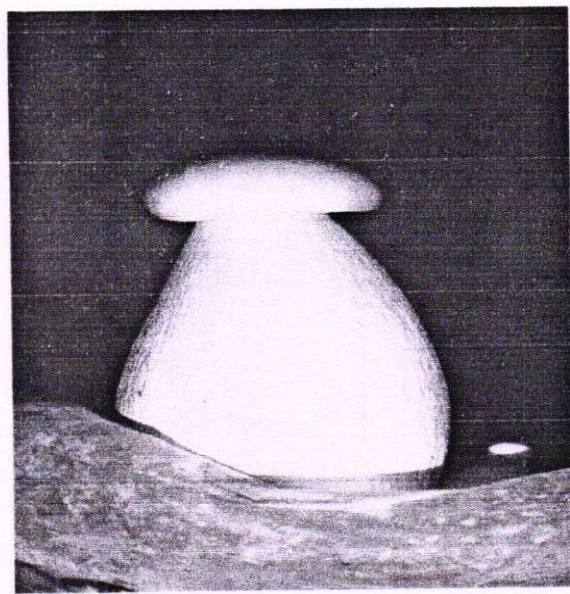
PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



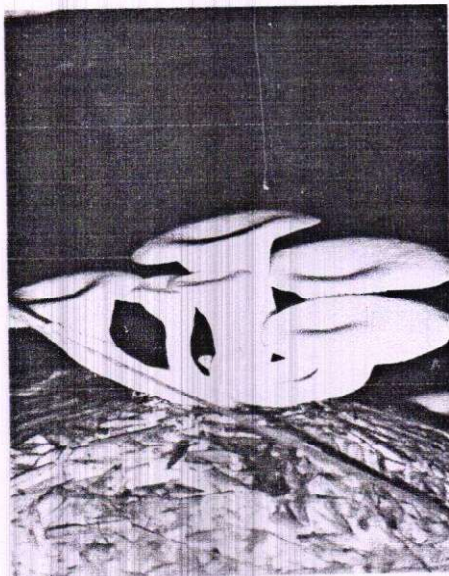
Principal
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Casing spawn



Milky mushroom



Oyster mushroom



Live demonstration

Prof.

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



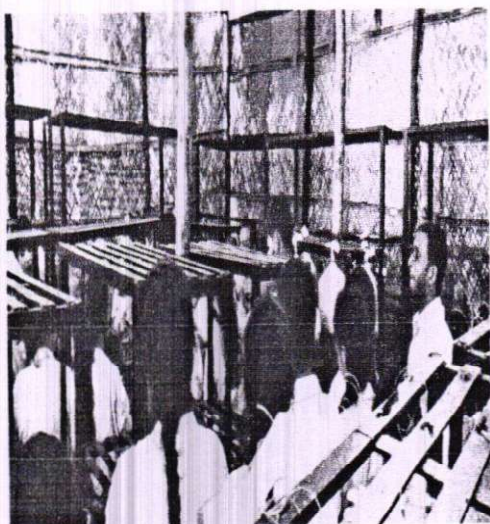
N
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Group photo at mushroom cultivation



Demonstration of different types of mushroom



Mushroom cultivation house



Demonstration of compost

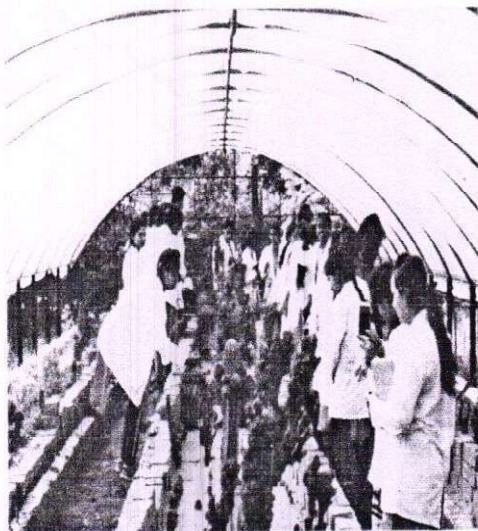
[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



[Signature]

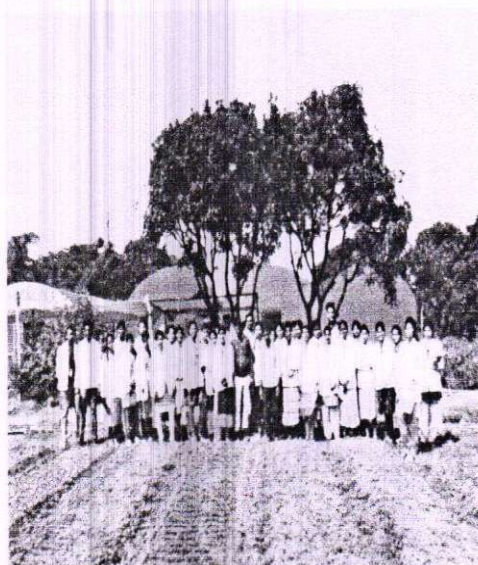
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Study of cactus garden



Grafting technique



Group photo of horticulture garden



Lunch time

[Signature]
 PROFESSOR & HEAD
 DEPARTMENT OF BOTANY,
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (C.G.)



[Signature]
 Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)

List of Students : (M. Sc.- Botany)

M. Sc. I Semester

M. Sc. III Semester

S. N.	Name of students	S. N.	Name of students
1.	Aarti	1.	Aarti
2.	Draupati	2.	Anjali
3.	Dharmendra	3.	Bhoomika
4.	Geetika	4.	Deepa
5.	Gopal	5.	Dileshwari
6.	Hemlata	6.	Dushyant
7.	Jyoti	7.	Devendra
8.	Kavita	8.	Karishma
9.	Karuna	9.	Lalima
10.	Kusumlata	10.	Mahima
11.	Lekeshwari	11.	Manjusha
12.	Lokeshwari	12.	Neelam
13.	Manorama	13.	Nisha
14.	Manisha	14.	Prabha
15.	Nitu	15.	Shruti
16.	Payal	16.	Somnath
17.	Priya	17.	Tameshwari
18.	Priyanka	18.	Tanu
19.	Reshma	19.	Trishna
20.	Rashmi	20.	Usha
21.	Tameshwari	21.	Vidya
22.	Umashankar	22.	Yamini
23.	Vamini	23.	Yikeshwar

[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



[Signature] 16/10/19

Excursion Visit In charge

- Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

कार्यालय प्राचार्य
शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय, दुर्ग (छ.ग.)
{पूर्वनाम: शासकीय कला एवं विज्ञान महाविद्यालय, दुर्ग (छ.ग.)}
नैक ग्रेड-ए+, सी.पी.ई.-फेस-3, डी.बी.टी.-स्टार कालेज
फोन नं. 0788-2359688, फैक्स नं. 0788-2359688,
Website: www.govtsciencecollegedurg.ac.in

दिनांक 14.10. 2019

आदेश

शास. वि. या. ता. स्ना. स्वशासी महाविद्यालय दुर्ग एम.एस.सी. वनस्पति शास्त्र के छात्र-छात्राओं को दिनांक 15 अक्टूबर 2019 को शैक्षणिक भ्रमण में इंदिरा गांधी कृषि विश्वविद्यालय रायपुर ले जाने हेतु निम्नलिखित प्राध्यापकों को आदेशित किया जाता है।

प्राध्यापकों का नाम—

डॉ. गायत्री पाण्डेय
डॉ. के. आई. टोप्पो
डॉ. जी. एस. ठाकुर
डॉ. श्री राम कुंजाम
डॉ. सतीश सेन

प्राचार्य
शास.वि.या.ता.स्ना.स्वशासी
महाविद्यालय दुर्ग

DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

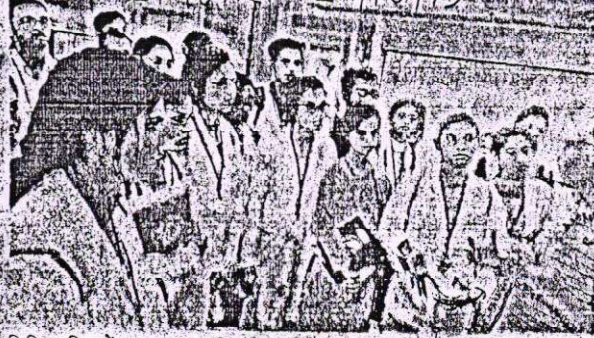


Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

छात्रों ने किया इंदिरा गांधी कृषि विवि का भ्रमण

जयपुर 27/10/19

दुर्ग, शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय, दुर्ग के वनस्पति शास्त्र विभाग के एमएससी प्रथम एवं तृतीय सेमेस्टर के छात्र-छात्राओं द्वारा एक्सटेशन प्रोग्राम के तहत इंदिरा गांधी कृषि विश्वविद्यालय के प्रयोगशाला का भ्रमण किया गया। इसके अंतर्गत छात्र-छात्राओं ने मशरूम की विशेष प्रजातियों को तैयार करने की विधि का अध्ययन कर उनका प्रयोग किया। कृषि विश्वविद्यालय के अधिकारियों ने मशरूम के विभिन्न प्रजातियों के बारे में तथा उनके औषधीय गुणों के बारे में विस्तार पूर्वक छात्रों को जानकारी दी। तत्पश्चात छात्र-छात्राओं के समूह ने जेनेटिक इंजीनियरिंग पादप संकरण तथा बायोटेक्नालॉजी विभाग का भ्रमण किया, जिसमें सभी छात्र-छात्राओं ने छत्तीसगढ़ में पाये जाने वाले धान की



विभिन्न किस्मों का अध्ययन किया तथा कृषि विश्वविद्यालय द्वारा संरक्षित किए गये 23,500 धान की जर्म प्लाज्म को देखा। ज्ञातव्य है कि कृषि विश्वविद्यालय द्वारा 1969 से अब तक छत्तीसगढ़ में होने वाली धान की किस्मों की प्रजातियों को संरक्षित कर रखा गया है।

इसके पश्चात छात्रों द्वारा कृषि विश्वविद्यालय के नर्सरी विभाग में पौधों में ग्राफ्टिंग, गुटी तकनीक आदि का अध्ययन कर प्रयोग किया। साथ ही विश्वविद्यालय द्वारा आधुनिक तकनीक के द्वारा बनाये गये कृषि संग्रहालय का भ्रमण किया एवं

शैक्षणिक भ्रमण

मशरूम की विशेष प्रजातियों को तैयार करने की विधि का विद्यार्थियों ने किया अध्ययन

सुगंधित औषधीय पौधों का अध्ययन किया। इसमें विश्वविद्यालय के डॉन डॉ. एसएस राव, परीक्षा नियंत्रक डॉ. एमपी ठाकुर, डॉ. जेनू झा, वनस्पति शास्त्र विभाग की विभागाध्यक्ष डॉ. रंजना श्रीवास्तव, प्रो. गायत्री पाण्डेय, डॉ. केआई टोप्पो तथा डॉ. श्रीराम कुंजाम का विशेष योगदान रहा। महाविद्यालय के प्राचार्य डॉ. आरएन सिंह ने इस प्रयोगशाला भ्रमण कार्यक्रम के लिए वनस्पति शास्त्र विभाग को बधाई दी।

Handwritten signature

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Handwritten signature
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

**A
REPORT
ON
“AN EDUCATIONAL TOUR TO INDIRA
GANDHI KRISHI VISHWAVIDYALAYA
RAIPUR”**

**Submitted By
Students of M.Sc.Botany**



**Department of Botany
GOVT. V.Y.T.PG AUTONOMOUS COLLEGE
DURG (C.G.)
(2019-2020)**

Handwritten signature

Handwritten signature
**Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)**



EDUCATIONAL TOUR TO INDIRA GANDHI KRISHI VISHWAVIDYALAYA

STUDENT NAME WHO PARTICIPATED

M.Sc. I –SEM BOTANY

DATE :- 15/10/2019

S.N.	NAME OF STUDENT	ROLL NO
1.	AARTI SAHU	90401
2.	DHARMENDRA KUMAR	90402
3.	DRAUPATI KOSARE	90403
4.	GEETIKA	90404
5.	GOPAL PRASAD NETAM	90405
6.	HEMLATA	90407
7.	JYOTI	90408
8.	KARUNA SONKAR	90409
9.	KAVITA	90410
10.	KUSHUMLATA	90411
11.	LEKESHWARI	90412
12.	MANISHA	90414
13.	MANORAMA	90415
14.	NITU	90416
15.	PAYAL	90417
16.	PRIYA SAHU	90418
17.	PRIYANKA SINHA	90419
18.	RASHMI MADHARIYA	90420
19.	RESHMA	90421
20.	TAMESHWARI	90422
21.	UMASHANKAR	90423
22.	VAMINI SAHU	90424

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

4



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

EDUCATIONAL TOUR TO INDIRA GANDHI KRISHI VISHWAVIDYALAYA

STUDENT NAME WHO PARTICIPATED

M.Sc. - III SEM BOTANY

DATE :- 15/10/2019

SN.	NAME OF STUDENT	ROLL NO.
1.	AARTEE	80401
2.	ANJALI HAIL	80402
3.	BHOOMIKA	80403
4.	DEEPA MEHRA	80405
5.	DEVENDRA NIRMALKAR	80406
6.	DILESHWARI	80407
7.	DUSHYANT KUMAR	80408
8.	KARISHMA	80410
9.	LALIMA	80411
10.	MAHIMA KORRAM	80412
11.	MANJUSA PAL	80413
12.	NEELAM	80414
13.	NISHA	80415
14.	PRABHA	80416
15.	SHRUTI RAJPAL	80417
16.	SOMNATH	80418
17.	TAMESHWARI	80419
18.	TANU CHANDRAKAR	80420
19.	TRISHNA DEVI	80421
20.	USHA	80422
21.	VIDYA	80423
22.	YAMINI MARKAM	80424
23.	YIKESHWAR	80425

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

5



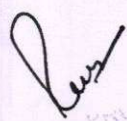
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

OBJECTIVE OF THE TOUR




Theoretical studies are not enough for our enhancement of scientific temperament, so practical study and live demonstrations are very important part of learning and understanding. The scientific visit is mentioned in our syllabus, so that students can learn in better way. Understanding the value of live demonstration us 45 students of M.Sc. Botany on 15 September 2019.

With the guidance of our teachers we visited Indira Gandhi Krishi Vishwavidyalaya, Raipur a leading university of central India on plant science and agricultural research and development. We visited three departments, Department of mushroom and spawn cultivation, department of plant molecular biology and biotechnology, department of horticulture and agriculture museum.


PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF MUSHROOM AND CULTIVATION

All scientific technique of mushroom cultivation is well explained by **Dr. Harvindar Singh, Scientist**, Department of Plant Pathology & Mushroom technology.

In this department the cultivation of different mushroom and their medicinal and nutritional importance are explained, different varieties of mushroom such as button mushroom, oyster mushroom, milky mushroom, paddy straw mushroom, sarai boda mushroom etc. They explain different phases of mushroom cultivation

- Phase -I (Making mushroom compost .)
- Phase -II(Finishing the compost .)
- Phase -III(Spawning.)
- Phase IV (Casing.)
- Phase -V (Maintaining suitable temperature and moisture.)

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

OFFICE OF THE PRINCIPAL
GOVT. V.Y.T.P.G. AUTONOMOUS COLLEGE, DURG 491001(C.G.)
(Former Name – Govt. Arts & Science College, Durg)
NAAC Grade-A+, CPE Phase-III, DBT-Star College
Ph.: 0788-2359688, Fax: 0788-2359688
Website: www.govtsciencecollegedurg.ac.in

No./ 1331/19

Durg, Dated

/2019 2-10-19

To,

The Dean,

Faculty of Agriculture

Indira Gandhi Agriculture University

Raipur (C.G.)

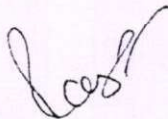
Subject :- Permission for Departmental Lab visit.

Respected Sir,

We are happy to inform you that student of M.Sc. Botany, Department of Botany Govt. V.Y.T. PG Autonomous College Durg want to Scientific visit of Indira Gandhi Agriculture University, Raipur on 15.10.2019. Indira Gandhi Agriculture University is a esteemed academic research Institute of Chhattisgarh & it will very useful for our students. So, kindly permit to us on above mention date i.e. 15.10.2019 from 10.30 AM.

No. of Student – 45 (M.Sc. I & III Sem.)

Thanking You



Head
Dr. Ranjana Shrivastava

Principal
Dr. R. N. Singh

D/Letter

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Excursion activity 03

Botanical Excursion Mangatta Forest Camp

Date of visit – 01/12/2018

Place of visit – Mangatta Forest Camp, District - Rajnandgaon.

Purpose of visit – Survey of plant diversity in *Mangatta forest*.

Outcome of the visit – To learn diversity of different plant groups in the forest. In the forest has mixed plant diversity and vegetations. All the students studied various *Epiphytic plants* (*Loranthus*) as well as other plants like Indian Ghost tree (*Sterculia urens*), Sagon (*Tectona grandis*), Dhawra (*Anogeissus latifolia*), Kachnar (*Bauhinia variegata*), Amaltas (*Cassia fistula*), Bhirra (*Cholroxylon swietenia*), Conscora diffusa, Tendu (*Diospyros melanoxylon*) and also learn about medicinal properties of different plants.



PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

दिनांक 05.12.2018

प्रेस विज्ञप्ति
साइंस कालेज के छात्रों का वानस्पतिक सर्वेक्षण

शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय, दुर्ग के वनस्पति विज्ञान विभाग के छात्रों द्वारा विगत दिनों मनगट्टा वनक्षेत्र का भ्रमण किया गया, जिसमें विभाग के समस्त एम.एससी प्रथम एवं तृतीय सेमेस्टर के छात्रों के साथ सभी प्राध्यापकों ने वानस्पतिक सर्वेक्षण का कार्य किया, जिसके अंतर्गत विभिन्न प्रकार के वानस्पतिक पौधों जैसे लोरेनथस, रती, कसही, जल जमनी, धौरा, बेल, अर्जुन, अमलताश, ईस्टर कुलिया, सेमल तथा बरगद की विभिन्न प्रजातियों समेत लगभग 250 पौधों का विशेष गहन अध्ययन कर अवलोकन किया गया साथ ही इनकी उपयोगिता के बारे में छात्रों को जागरूक किया गया। मनगट्टा वनपरिक्षेत्र महाविद्यालय से 25 किमी. पश्चिम की ओर से मुढ़ीपार रेल्वे स्टेशन से नजदीक है। यहां कई प्रकार की सामान्य एवं जंगली प्रजातियों को राजनांदगांव वन परिक्षेत्र मण्डल द्वारा रोपा गया है एवं जंगल सफारी का भी भ्रमण कराया जाता है। छात्रों के अध्ययन के लिए यहां परजीवी एवं उपरीरोही पौधे का विशाल संगम है, जिससे आसपास के महाविद्यालय के छात्र एवं शोधकर्ता लाभान्वित हो सकते हैं।

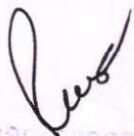
महाविद्यालय के प्राचार्य डॉ. एम.ए. सिद्दीकी ने वनस्पतिक विज्ञान विभाग के छात्रों द्वारा किए गए सर्वेक्षण कार्य की भूरी-भूरी प्रशंसा की है साथ ही उन्होंने इस प्रकार के सर्वेक्षण कार्य के लगातार होते रहने पर बल दिया है। ज्ञातव्य है, कि वनस्पतिक विज्ञान विभाग में पुष्पीय पौधों, जलीय पौधों एवं पादप संरक्षण पर विशेष शोधकार्य किया जा रहा है। इस सर्वेक्षण कार्य में वनस्पति विज्ञान विभाग की विभागाध्यक्ष एवं प्राध्यापक डॉ. रंजना श्रीवास्तव ने बताया कि विभाग द्वारा प्रतिवर्ष दो बार इस प्रकार के सर्वेक्षण कार्य किए जाते हैं, जिससे हमारे प्रदेश के एवं आसपास के पौधों की प्रजातियों को संरक्षित किया जा सके साथ ही उनका सही तरीके से उपयोग में लाया जा सके। इस सर्वेक्षण कार्य में विभाग की विभागाध्यक्ष एवं प्राध्यापक डॉ. रंजना श्रीवास्तव, सहायक प्राध्यापक, श्रीमती गायत्री पाण्डेय, डॉ. के.आई.टोप्पो, डॉ. जी.एस.ठाकुर, डॉ. शुभा गुप्ता, डॉ. श्रीराम कुंजाम, डॉ. विजय लक्ष्मी नायडू, डॉ. सतीष कुमार सेन एवं एम.एससी प्रथम तथा तृतीय सेमेस्टर के समस्त छात्रों का योगदान सराहनीय रहा।

प्रति,


संपादक/ब्यूरो चीफ

दैनिकदुर्ग

इस निवेदन के साथ कि कृपया इसे जनहित में समाचार के रूप में प्रकाशित करने का कष्ट करें।


PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




प्राचार्य
शास.वि.या.ता.स्नात.स्वशासी महावि.
दुर्ग (छ.ग.)
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

To,

The Principal

Govt. V. Y. T. PG. Autonomous College, Durg

Subject :- Permission for Botanical Excursion trip on Mangatta Reserve Forest

Respected Sir,

This is to inform you that, we are organize Local Botanical Excursion Trip with M. Sc. I & III Semester students on Mangatta Reserve Forest (Rajnandgaon) about 25 km distance from our college campus dated on 01/12/2018 (Saturday). So, Kindly permitted for local Botanical Excursion Trip.

Thanking you Sir

No. of Students

M. Sc. I semester - 24

M. Sc. III semester - 21

Total = 45

Your Sincerely


Name of Professor incharge


1. Dr. Subha Gupta

2. Dr. Shriram Kunjam

3. Dr. Satish Kumar Sen

4. Mohit Deshmukh (Attendant)


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)


प्राचार्य
आचार्य दिश्वनाथ यादव तामरकर
आचार्य दिश्वनाथ यादव तामरकर

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Botanical Excursion Trip

M.Sc. Ist and IIIrd sem.


Date – 01/12/2018

Name of students IIIrd Sem.


1. Aakanksha
2. Deepika Dilliwar
3. Deepika Thakur
4. Kanchan
5. Kajal
6. Leena
7. Rina Mali
8. Sarita
9. Shraddha
10. Padmani
11. Vidhya
12. Vaishali
13. Bhojraj
14. Dhaleshwar
15. Indrajeet
16. Laxman
17. Rajkiran
18. Rameshwar
19. Krishna
20. Ratnakar

Name of students Ist Sem.

1. Aaratee Sahu
2. Anjali
3. Bhoomika
4. Chitrakant Sahu
5. Deepa Mehra
6. Devendra
7. Jyoti
8. Dileshwar
9. Karishma
10. Lalima
11. Mahima
12. Neelam
13. Nisha
14. Manjusha Pal
15. Prabha
16. Shruti Rajput
17. Somnath
18. Tameshwari
19. Tanu Chandrakar
20. Trishna
21. Usha
22. Vidya
23. Yamini
24. Yeikeshwar


PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (G.G.)

Botanical Excursion Trip

M.Sc. Ist and IIIrd sem.

Date – 01/12/2018


S. No.	Name of Collected Plants	Botanical Name	Family	Remark
1.	Shami plant	<u>Prosopis cineraria</u>	Fabaceae	
2.	Loranthus (epiphytes)	<u>Loranthus longiflorus</u>	Loranthaceae	
3.	Kachnar	<u>Bauhinia variegata</u>	Fabaceae	
4.	Indian ghost tree	<u>Sterculia orens</u>	Malvaceae	
5.	Palash	<u>Butea monosperma</u>	Fabaceae	
6.	Amaltash	<u>Cassia fistula</u>	Fabaceae	
7.	Tendu tree	<u>Diospyros melanoxylon</u>	Ebenaceae	
8.	Vajradanti	<u>Barleria prionitis</u>	Malvaceae	
9.	Parijat	<u>Nyctanthus arbor-tristis</u>	Oleaceae	
10.	Bel	<u>Aegle marnelos</u>	Rutaceae	
11.	Semal	<u>Bombox ceiba</u>	Malvaceae	
12.	Mahua	<u>Madhuca longifolia</u>	Sapotaceae	
13.	Bahera	<u>terminalia bellarica</u>	Combretaceae	
14.	Anantmul	<u>Hemidesmus indicus</u>	Apocynaceae	
15.	Saja tree	<u>Terminalia elliptica</u>	Combretaceae	
16.	Sonchus (violet flower)	<u>Sonchus</u>	Asteraceae	
17.	Dhawda tree	<u>Anogeissus latifolia</u>	Combretaceae	
18.	Peristrophe	<u>Peristrophe bicalyculata</u>	Acanthaceae	
19.	Bhirra	<u>Chloroxylon swietenia</u>	Rutaceae	
20.	Rati plant (climber)	<u>Abrus precatorius</u>	Fabaceae	
21.	Sterculia	<u>Sterculia urens</u>	Malvaceae	

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

22.	Lantana (orange flower)	<u>Lantana camara</u>	Verbenaceae
23.	Chhatim	<u>Alstonia scholaris</u>	Fabaceae
24.	Shisham	<u>Delbergia sissoo</u>	Fabaceae
25.	Ixora	<u>Ixora coccinea</u>	Rutaceae
26.	Pulcherrima	<u>Caesalpinia pulcherrima</u>	Fabaceae
27.	Korina	<u>Terminalia superb</u>	Combretaceae
28.	Indigofera	<u>Indigofera tinctoria</u>	Fabaceae
29.	Riya	<u>Diospyros quaesita</u>	Ebenaceae
30.	Kenwti	<u>Ventilago ecorollata</u>	Rhamnaceae
31.	Banyan	<u>Ficus benghalensis</u>	Moraceae
32.	Justicia	<u>Justicia carnea</u>	Acanthaceae
33.	Ficus	<u>Ficus benamina</u>	Moraceae
34.	Blumea	<u>Blumea crispata</u>	Asteraceae
35.	Benth	<u>Bridelia ferruginea</u>	Euphorbiaceae
36.	Tecoma	<u>Tecoma stans</u>	Bignoniaceae


 PROFESSOR & HEAD
 DEPARTMENT OF BOTANY
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (C.G.)




 Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)

Govt. V.Y.T. PG Autonomous College Durg

Department of Botany
Student Feedback Form
An educational excursion/Seminar

1. Name of institute participated with date, what seen and learned there

Govt. V.Y.T. PG autonomous college Durg. Date- 2/12/19
(Raigata)

- different types and variety of plants seen.
- plant identify and study.

2. Opinion regarding programme

In this type of excursion, the experts are also with the students. So, it is easy to identify all the particular plants and benefits of plants.

3. Opinion regarding faculty

Faculty of department are supportive and allow all the students to study in the field very frequently.

4. Whether this kind of activity should be organized regularly?

Yes! This kind of activity should be organised regularly so the boundary of our knowledge improve and practically our mind actively work and easy to remember the things.

5. Over all programme Feedback.

The programme improved our knowledge about the plants and it's very necessary for a particular Botany student to identify the plants more.

Date

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Signature

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (G.G.)

Name of Students: Anjali Hia

Class: M.Sc. II sem

Govt. V.Y.T. PG Autonomous College Durg

Department of Botany
Student Feedback Form
An educational excursion/Seminar

1. Name of institute participated with date, what seen and learned there

Visited = Mangala (Rajnandgaon C.G.)
We saw the diversity of plants and animals. (Mangala Wildlife Park)
And different type of timber plants.

2. Opinion regarding programme

We all are students of biology (Botany)
we should know about plant diversity
and always take us on this type
of education tour for further study.

3. Opinion regarding faculty

Our faculty members are encourage us all
to learn. They have an extraordinary
ability to explain everything.

4. Whether this kind of activity should be organized regularly?

Yes, this kind of activity should be organized
regularly.

5. Over all programme Feedback: This type of education tour helps us to
It helps us know a lot of
information about plants.

Date

1/20

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Signature

Name of Students.....
Class..... MSc. Botany

Govt. V.Y.T. PG Autonomous College Durg

Department of Botany
Student Feedback Form
An educational excursion/Seminar

1. Name of institute participated with date, what seen and learned there

Visited- Manghata
We saw the different types of
and plants.

2. Opinion regarding programme

इस तरह का Programme हमें
अच्छा लगा।

3. Opinion regarding faculty

Faculty के support से हमें
different type के plant spp. के
बारे में जानने को मिला।

4. Whether this kind of activity should be organized regularly?

इस प्रकार का activity हर
साल होनी चाहिए।

5. Over all programme Feedback.

इस Programme हमारे knowledge
के improvement के लिए अच्छा
था।

Date

30/01/2020

Principal

Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Signature

मालिमा कोराम
Name of Students.....

Class... M.Sc. IInd sem

Govt. V.Y.T. PG Autonomous College Durg

Department of Botany
Student Feedback Form
An educational excursion/Seminar

1. Name of institute participated with date, what seen and learned there

Manghata, 2/12/2019
we saw Biodiversity
we learn about different type
of Biodiversity

2. Opinion regarding programme

every semester all type of
educational visit are allowed

3. Opinion regarding faculty

all faculty help of all
different species

4. Whether this kind of activity should be organized regularly?

Yes. This kind of activity should
be organized regularly

5. Over all programme Feedback.

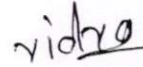
Beneficial to student & also

Date



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)




Signature

Name of Students... vidya
Class... M.Sc. IInd sem

Botanical Excursion Mangatta Camp


Date of visit – 01/12/2018


Place of visit – Mangatta Forest Camp, District - Rajnandgaon.

Purpose of visit – Survey of plant diversity in *Mangatta forest*.

Outcome of the visit – To learn diversity of different plant groups in the forest. In the forest has mixed plant diversity and vegetations. All the students studied various *Epiphytic plants (Loranthus)* as well as other plants like Indian *Ghost tree (Sterculia urens)*, *Sagon (Tectona grandis)*, *Dhawra (Anogeissus latifolia)*, *Kachnar (Bauhinia variegata)*, *Amaltas (Cassia fistula)*, *Bhirra (Cholroxylon swietenia)*, *Conscora diffusa*, *Tendu (Diospyros melanoxylon)* and also learn about medicinal properties of different plants.




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)


PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Ongoing Research Project: 02

S.N.	Name of the Faculty	Research Project (Major/Minor)	Name of the funding Agency	Project title	Grants received
01	Dr. Shriram Kunjam (PI)	Minor	UGC	Survey of Medicinal plants of Dongargarh.	Rs.300000.00
02	Dr.Shriram Kunjam (Co-PI)	Minor	CGCOST	Trees of BSP Township area: A field guide"	Rs. 4, 20,000.00

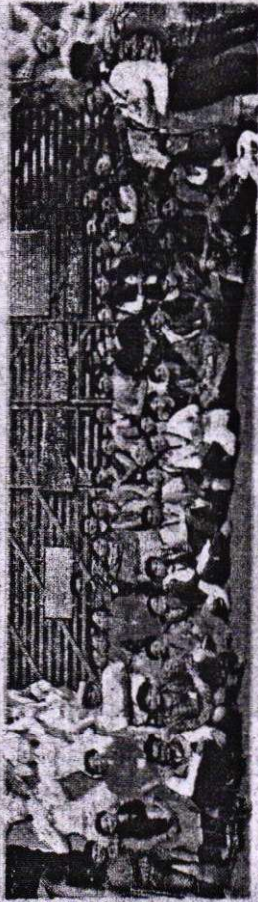
Results of M.Sc. IV Semester

Class	No. of Students appeared	No. of students pass		Remark
M.Sc. IV Sem	21	20		
		08 students 1 st Division	12 students 2 nd Division	01 ATKT

Purchased Instrument from 01.01.2018 to till date: Nil

Purchased Books/Research Journals from 01.01.2018 to till date: Nil

वाणस्पतिक पौधों कसही, बेल का किया सर्वेक्षण



साईंस कालेज दुर्ग के छात्रों ने मणगट्टा वन परिक्षेत्र का किया भ्रमण.

दुर्ग, शासकीय विश्वनाथ यादव तामस्कर स्नातकोत्तर स्वशासी महाविद्यालय, दुर्ग के वनस्पति विज्ञान विभाग के छात्रों द्वारा विगत दिनों मणगट्टा वनक्षेत्र का भ्रमण किया गया, जिसमें विभाग के समस्त एम.एससी प्रथम एवं तृतीय सेमेस्टर के छात्रों के साथ सभी प्राध्यापकों ने वानस्पतिक सर्वेक्षण का कार्य किया, जिसके अंतर्गत विभिन्न प्रकार के वानस्पतिक पौधे जैसे लोरेन्थस, रती, कसही, जलजम्बीनी, घोंरा, बेल, अर्जुन, अमलताश, ईस्टर कुलिया, सेमल तथा बरगद की विभिन्न प्रजातियों समेत लगभग 250 पौधों का विशेष गहन अध्ययन कर अवलोकन किया गया साथ ही इनकी उपयोगिता के बारे में छात्रों को

जागरूक किया गया. मणगट्टा वनपरिक्षेत्र महाविद्यालय से 25 किमी. पश्चिम की ओर से मुढीपार रेल्वे स्टेशन से नजदीक है. यहां कई प्रकार की सामान्य एवं जंगली प्रजातियों को राजनादगांव वनपरिक्षेत्र मण्डल द्वारा रोपा गया है एवं जंगल सफाई का भी भ्रमण कराया जाता है. छात्रों के अध्ययन के लिए यहां परजीवी एवं उपरीरोही पौधे का विशाल संग्रह है, जिससे आसपास के महाविद्यालय के छात्र एवं शोधकर्ता लाभान्वित हो सकते हैं.

महाविद्यालय के प्राचार्य डॉ. एमए सिद्दीकी ने वनस्पतिक विज्ञान विभाग के छात्रों द्वारा किए गए सर्वेक्षण कार्य की भरी-भूरी प्रशंसा की है साथ ही उन्होंने इस प्रकार के सर्वेक्षण कार्य के

लगातार होते रहने पर बल दिया है. वनस्पति विज्ञान विभाग की विभागाध्यक्ष एवं प्राध्यापक डॉ. रंजना श्रीवास्तव ने बताया कि विभाग द्वारा प्रतिवर्ष दो बार इस प्रकार के सर्वेक्षण कार्य किए जाते हैं, जिससे हमारे प्रदेश के एवं आसपास के पौधों की प्रजातियों को संरक्षित किया जा सके. सर्वेक्षण कार्य में विभाग की विभागाध्यक्ष एवं प्राध्यापक डॉ. रंजना श्रीवास्तव, सहायक प्राध्यापक, गवर्त्री पण्डेय, डॉ. केआई टोयो, डॉ. जीएस ठाकुर, डॉ. शुभा गुप्ता, डॉ. श्रीराम कुंजाम, डॉ. विजय लक्ष्मी नायडू, डॉ. सतीश कुमार सेन एवं एमएससी प्रथम तथा तृतीय सेमेस्टर के समस्त छात्रों का योगदान सराहनीय रहा.

7-12-18

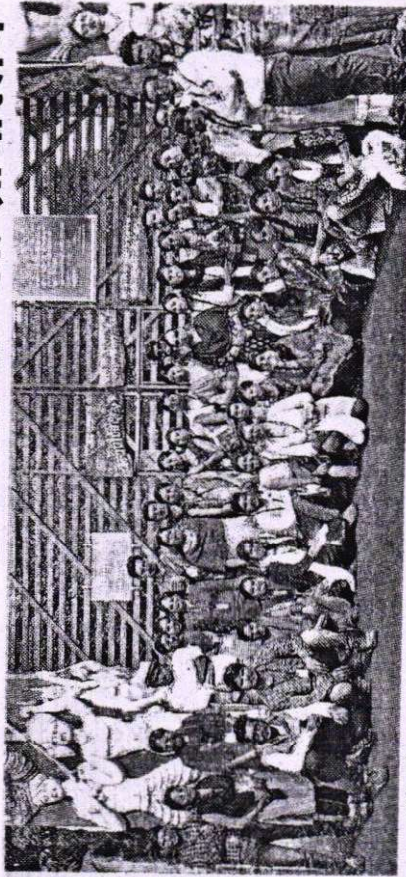
नवभारत

Principal
V.Y.T.P.G. Autonomous
College, Durg (C.G.)

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



मेडिसनल प्लांट के कंजर्वेशन के लिए सही उपयोग करना होगा जरूरी : डॉ. श्रीवास्तव



साइंस कॉलेज के वनस्पति विभाग के छात्रों ने किया मनाटा वन क्षेत्र का भ्रमण।

सिटी रिपोर्टर | मिलाई

साइंस कॉलेज के वनस्पति विभाग की अध्यक्ष डॉ. रंजना श्रीवास्तव ने कहा कि किसी पौधे को सुरक्षित रखने के लिए उसके गुणों और उपयोग को जानना जरूरी है। तभी हम उसका सही उपयोग कर सकेंगे और लोगों को उसके उपयोग की जानकारी दे सकेंगे।

कॉलेज में पुष्पीय पौधों, जलीय पौधों एवं पादप संरक्षण पर शोधकार्य किया जा रहा है। हर साल दो बार सर्वेक्षण किया जाता है, ताकि प्रदेश एवं आसपास के पौधों की प्रजातियों को संरक्षित किया जा सके। सही तरीके से उसे उपयोग में लाया जा सके। कॉलेज के छात्रों को जिले

और उसके आसपास के स्थानों पर पाए जाने वाले पौधों की जानकारी देने के लिए मनाटा वन लेकर जाते समय उन्होंने यह जानकारी दी। कहा कि पौधों के बारे में जानना बहुत जरूरी है। यहां एमएससी प्रथम एवं तृतीय सेमेस्टर के छात्रों ने प्राध्यापकों के साथ मिलकर वनस्पतिक सर्वेक्षण किया।

इसके अंतर्गत विभिन्न प्रकार के वनस्पतिक पौधे जैसे लोरेनथस, रती, कसही, जल जमनी, धौरा, बेल, अर्जुन, अमलताश, ईस्टर कुलिया, सेमल तथा बरगद की विभिन्न प्रजातियों समेत लगभग 250 पौधों का अवलोकन किया। उनकी उपयोगिता के बारे में छात्रों को बताया।

जंगल सफारी में है

पैरासिटिक प्लांट

छात्रों को जंगल सफारी का भी भ्रमण कराया गया। यहां परजीवी एवं उपरीरोही पौधे अधिक मात्रा में मिलते हैं। इससे आसपास के महाविद्यालयों के छात्र एवं शोधकर्ता लाभान्वित हो सकते हैं। इससे पौधों के बारे में सही और प्रयोगिक जानकारी आसानी से मिल सकेगी। सर्वेक्षण काम में विभाग की सहायक प्राध्यापक, गायत्री पांडेय, डॉ. केआई टोपो, डॉ. जीएस ठाकुर, डॉ. शुभा गुप्ता, डॉ. श्रीराम कुंजाम, डॉ. विजय लक्ष्मी नायडू, डॉ. सतीश कुमार सेन आदि का योगदान रहा।

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO.
COLLEGE, DURG (C.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

7935855

8108/21/2

Excursions and Visits of Botany Department

S.No.	Date	Place of visit	Purpose
1.	26/11/2016	Manav van gangrel Dhamtari	To study vegetation of medicinal plants
2.	5 to 10/03/2017	Educational tour to Lucknow	To visit Csir Labs CDRI,NBRI,BSIP,CIM AP
3.	1/12/2018	Mangatta Forest	To study forest biodiversity
4.	15/10/2019	Scientific visit to IGKV Raipur	<i>To make students aware of practical demonstration & live studies.</i>
5.	06-10/01/2020	Educational tour to Vishakhapatnam	To study about sea shore vegetation



PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Excursion activity

Excursion tour to Manav Van Gangrel, Distric Dhamtari

Date of visit – 26/11/2016

Place of visit – Manav Van Gangrel, Distric Dhamtari

Purpose of visit – To know about medicinal plants related to human body.

Outcome of the visit – To learn and uses of medicinal plants related to different disease of human body parts and collected more than 20 wild medicinal plants. Uses of medicinal plants in different types of disease related to human body parts demonstrated by Komal Sahu, Forest Gourd, Gangrel Forest Rang, District- Dhamtari (C.G.)

Suggestions – all the students of 1st & IIIrd semester studied all above mentioned points.



PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Principal

GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

मानव शरीर के लिये उपयोगी कुछ औषधीय पौधों की जानकारी.

लहसुन (*Allium sativum*)
सिनर्द्ध के लिए

भृंगराज (*Eclipta alba*)
बालों के लिए
कंदकारि (*Solanum xanthocarpum*)
ज्वर के लिए

बेहड़ा (*Terminalia bellirica*)
पाचन के लिए

एरंड (*Ricinus communis*)
दुग्धजनक
महुआ (*Madhuca latifolia*)
लगा जेन्दी बिगरे के लिये

बेंचादी (*Dioscorea penta phylla*)
स्वादु भोजन के लिये

घृतकुमारी (*Aloe barbadensis*)
त्वचा की जलन में लाभकारी

बाग्ली (*Centella asiatica*)
याददास्त के लिये

आंवला (*Phyllanthus emblica*)
अम्लों के लिये

महुआ (*Madhuca latifolia*)
दाल के लिये

अजगर (*Adhatoda zeylanica*)
जल के लिये

तम्बाकू (*Nicotiana tabacum*)
शरीर दर्द के लिये

जिलोच (*Tinospora cordifolia*)
दुग्ध के रोग के लिये

अदरक (*Zingiber officinale*)
ज्वर के लिये

सफेद भूसली (*Chlorophytum borivilianum*)
शरीरिक दुर्बलता में उपयोगी

तिरुगुडी (*Vitex negundo*)

मैहदी (*Lawsonia inermis*)

आज औषधीय पौधों/संरक्षण क्षेत्र मानव वन धमतरी वन मण्डल द्वारा विकसित

Prof.

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

List of Medicinal Plants in use of Human Body

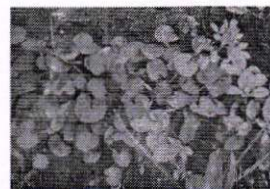
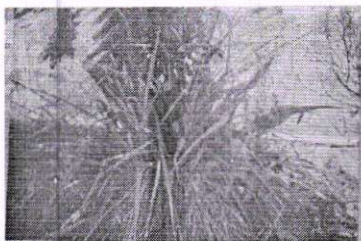
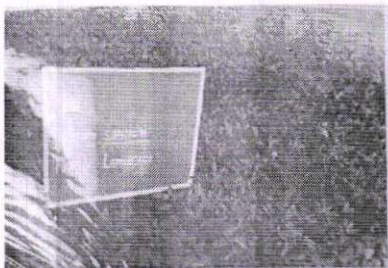
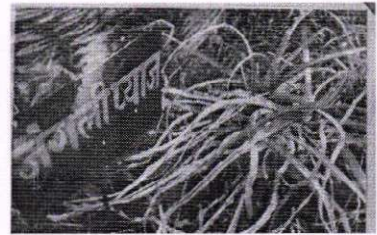
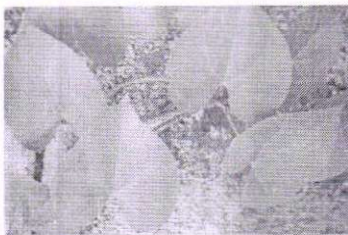
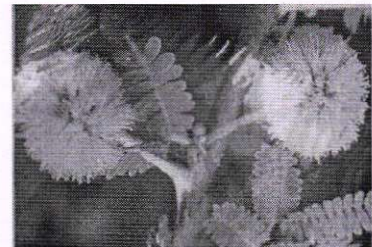
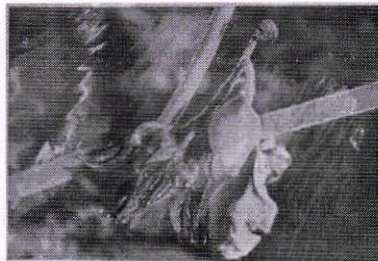
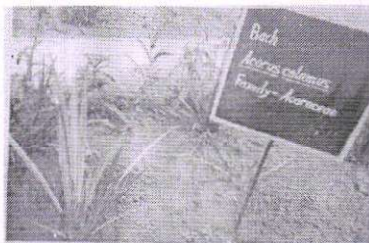
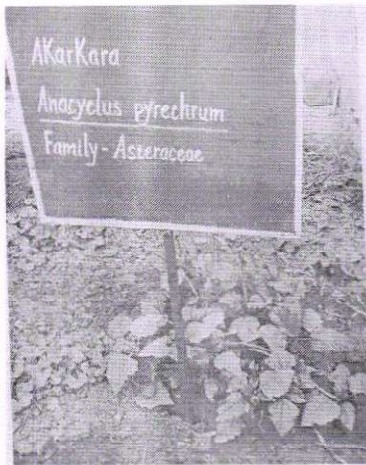
S. No.	Plants	Family
1.	<i>Abrus precatorius</i>	Fabaceae
2.	<i>Acacia arebica</i>	Fabaceae
3.	<i>Acacia catechu</i>	Fabaceae
4.	<i>Acorus calamus</i>	Acoraceae
5.	<i>Adhatoda vasica</i>	Acanthaceae
6.	<i>Aloe vera</i>	Asphodelaceae
7.	<i>Anacyclus pyrethrum</i>	Asteraceae
8.	<i>Asperagus racemosus</i>	Asparagaceae
9.	<i>Bixa orellana</i>	Bixaceae
10.	<i>Bryophyllum calycinum</i>	Crassulaceae
11.	<i>Cassia fistula</i>	Fabaceae
12.	<i>Centella asiatica</i>	Apiaceae
13.	<i>Chlorophytum</i>	Asparagaceae
14.	<i>Cissus quadrangularis</i>	Vitaceae
15.	<i>Coix lacryma-jobi</i>	Poaceae
16.	<i>Colocasia esculenta</i>	Araceae
17.	<i>Cynodon dactylon</i>	Poaceae
18.	<i>Cyperus scariosus</i>	Cyperaceae
19.	<i>Desmostachya bipinnata</i>	Poaceae
20.	<i>Diospyros melanoxylon</i>	Ebenaceae
21.	<i>Embelia ribes</i>	Primulaceae
22.	<i>Zingiber officinale</i>	Zingiberaceae
23.	<i>Gossypium hirsutum</i>	Malvaceae
24.	<i>Gymnema sylvestre</i>	Apocynaceae
25.	<i>Madhuca indica</i>	Sapotaceae
26.	<i>Martini diandra</i>	Martyniaceae
27.	<i>Nicotiana glauca</i>	Solanaceae
28.	<i>Ocimum sanctum</i>	Lamiaceae
29.	<i>Phyllanthus emblica</i>	Phyllanthaceae
30.	<i>Plumbago zeylanica</i>	Plumbaginaceae
31.	<i>Prosoeis cineraria</i>	Fabaceae
32.	<i>Rauvolfia serpentine</i>	Apocynaceae
33.	<i>Saccharum spontaneum</i>	Poaceae
34.	<i>Solanum torvum</i>	Solanaceae
35.	<i>Terminalia bellirica</i>	Combretaceae
36.	<i>Tinospora cordifolia</i>	Menispermaceae
37.	<i>Urginea indica</i>	Asparagaceae
38.	<i>Vitex negundo</i>	Lamiaceae

[Signature]

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



[Signature]
Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

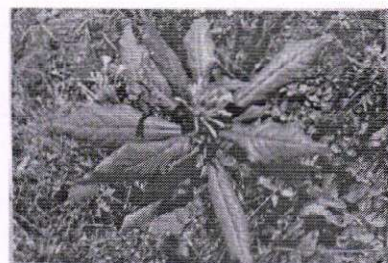
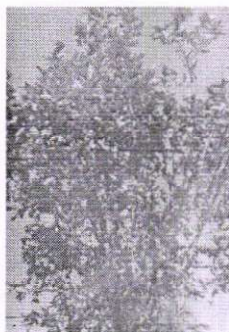


Prof.

PROFESSOR & HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



Ne
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Prof. K. S.
 PROFESSOR & HEAD
 DEPARTMENT OF BOTANY,
 GOVT. V.Y.T.P.G. AUTO
 COLLEGE, DURG (C.G.)



Ne.
 Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)

Excursion tour to Manav Van Gangrel, Distric Dhamtari STUDENTS LIST 2016-17

M.Sc. III	M.Sc. I
AARTI SINGH RAJPUT	BHAGWAT
AJAY KUMAR	GAUKARAN
BHAGYALATA GAWDE	ANITA
BHAWANA	AYESHA
BHUNESHWARI	BARKHA
BHUPENDRA KUMAR	DEEPIKA
DEV RAM PATEL	HITESHWARI
DIVYANEE YADAV	KUNTI
HARISH CHANDRA GUPTA	LEENA
HEMLATA	PIKESHIWARI
JAGRIT SAHU	PRIYA
JEEVAN LAL SAHU	RAMHIN
KAVITA NAG	RINEE
KHILENDRA KUMAR	DEEPALI
KHUSHBOO	SUBHECHECHA
MADHURI KOTHARI	SUPRIYA
RAKESH KUMAR	TARUNA
RUBY	VARSHA
Smt. HEMPUSHPA KAUSHIK	LOMASH
SONAM SINHA	MANISH KUMAR
VARSHA	SHYAMOO
VENUKA BALA	TOSHAN
YOGITA	

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (G.G.)

S.1.3

Microbiology

S.1.3

To,

The Principal,
Govt. VYT. PG. Autonomous College,
Durg, C.G.

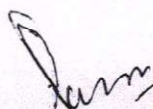
Subject: Letter for Permission to organize 07 days Activity week and Hands on Training in
Microbiology

Sir,

With reference to the subject, Dept. of Microbiology is seeking permission to organize 07 days Activity Week and Hands on Training on Advance Learning in Biological Sciences for the benefit of the PG and Ph.D. students of microbiology. The programme comprising lectures and Hands on Training through Active and Dry Lab courses in collaboration with experts in the field. It is therefore requested to grant permission to organize the same during 13 -19 January 2020.

Thanking you in anticipation,

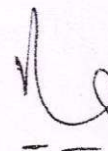
Yours faithfully,

 30.12.19


Head, Dept. of Microbiology

Govt. VYT PG Autonomous College, Durg

Permitted







Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Dept. of Microbiology
Govt. VYT PG Autonomous College, Durg
07 days Activity week and hands on training on Advance learning in Biological Sciences

January 13-19, 2020

- 13.01.2020 Day 1:** A. Experimental designs: Basic concepts and principles and significance of Biostatistics – Dr. Rajeev Choudhary, SOS in Physical Education, Pt. RSU, Raipur
B. Activity on Case study and Management game
- 14.01.2020 Day 2:** A. Lecture: Bioinformatics – Dr. Ranjana Sahu, BMM, Bhilai
B. Poster presentation Competition – M.Sc. Students
- 15.01.2020 Day 3:** A. Lecture: Research Publication, Research Matrix and Plagarism – Dr. Arti Parganiha, SOS in Life Science, Pt. RSU, Raipur
B. Hands on Activity on Publication sites, h index, i10 index Impact factors
- 16.01.2020 Day 4:**– A. Quiz Screening
B. Quiz contest
- 17.01.2020 Day 5:** A. Hands on activity in Collaboration with CMBR, Bhopal
1. DNA extraction from bacterial sample
2. Electrophoresis of extracted DNA for characterization
3. PCR amplification and electrophoresis of amplified product for antibiotic resistance
B. Lecture on PCR and Identification of Antibiotic resistance genes of bacteria using advanced molecular techniques
- 18.01.2020 Day 6:** A. Hand on activity in Collaboration with CMBR, Bhopal
1. Protein profiling of bacteria using SDS PAGE
2. Bioinformatics (Dry Lab) demonstration in primer designing for PCR
B. Lecture on The REAL Time PCR and Its application in clinical diagnosis and Research
- 19.01.2020 Day 7:** Field Visit/ Industrial Tour


Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



DEPARTMENT OF MICROBIOLOGY
GOVT. VYT PG AUTONOMOUS COLLEGE, DURG (C.G.)

10.01.2020

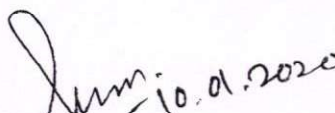
NOTICE

This is to inform all students of M.Sc. Microbiology that Dept. is going to organize '07 days activity Week and Hands on Training on Advance Learning in Biological Science' on 13 Jan. to 19 Jan. 2020 under the banner of Microbiological Association 2019-20.

The detailed Programme and Activities are attached with this notice.

The programme Fee for each participant will be Rs. 200/-.

Looking forward for your active participation


Head, Dept. of Microbiology




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

MSC IInd SEM

Datta

Gita

Janki

Rahat

Ananya

Kirmiti

Renuka

Nutan

Kavita

Patel

Devi

Subhadra

Kiran

Savitri

Jyoti

Smriti

Alina

Chauhan

Durg

Tanya

Prasad

[Signature]

M.Sc IVth SEM

Shal

men/ka

Baru

Sonam

Bhaskar

Samiti

Impati

Manoj

Bokde

Syjan

[Signature]



Ne
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

To,

The Principal,
Govt. VYT. PG. Autonomous College,
Durg, C.G.

**Subject: Letter for Permission to organize 02 days Hands on Training in Microbiology in
Collaboration with CMBR, Bhopal**

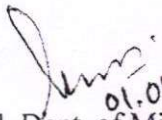
Sir,

With reference to the subject, Dept. of Microbiology is seeking permission to organize 02 days Hands on Training on Advance Learning in Biological Sciences for the benefit of the PG and Ph.D. students of microbiology. The programme comprises Hands on Training through Active and Dry Lab courses in collaboration with experts of CMBR, Bhopal.

The Collaborative lab is providing all consumables along with hands on training which will need a fund of **approximately Rs. 30000/-** for complete two days. It is therefore requested to sanction the amount from self finance funds and oblige.

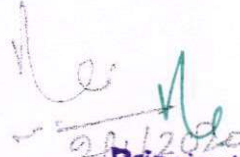
Thanking you in anticipation,

Yours faithfully,


01.01.2020
Head, Dept. of Microbiology

Govt. VYT PG Autonomous College, Durg

*Self finance fund
permitted*


28/12/20
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Student feedback form
Seven Days Activity Week on "Advance learning in Biological Sciences"
13-19th Jan 2020

Day :1

Name of Resource person- Dr. Rajeev Choudhary

Outcome- Studied about various statistical techniques and learned to design a true experiment.

Suggestions- _____

Day :2

Name of Resource person- Dr. Ranjana Sahu

Outcome- Learnt how to use bioinformatics tools - BLAST, FASTA, Clustal-W
Also about NGS and metagenomics, designing phylogenetic trees.

Suggestions- _____

There could have been more activities based on the lecture -

Sequence retrieval using BLAST, protein structure prediction using softwares etc.

Day :3

Name of Resource person- Dr. Arti Parganiha

Outcome- Got familiar with various research publications, learnt about research metrics.

Suggestions- _____

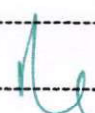
Day :4

Name of Resource person- Dr. Pragya Kulkarni

Outcome- Revealed our knowledge levels with the Quiz session.

Suggestions- _____




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Student feedback form
Seven Days Activity Week on "Advance learning in Biological Sciences"
13-19th Jan 2020

Day :5

Name of Resource person- Dr. Deepak Bharti

Outcome- learnt about the wide applications of PCR in Life sciences, primer designing

Suggestions- _____

Day :6

Name of Resource person- Dr. Deepak Bharti

Outcome- learnt to run PAGE and agarose gel electrophoresis.

Suggestions- Students should have been allowed to do the demonstration themselves for a better understanding.

Day :7

Name of Resource person- Industrial visit

Outcome- Got to know about milk production and processing, cattle feed and care.

Suggestions- It would be better if we saw the automatic milking machine working.

Overall Program Rating:

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----



Y. YOSHI
Student signature

Principal
V.Y.T.P.G. Autonomous
College, Durg (C.G.)

07 Days Activity week and Hands on Training on Advance Learning in Biological Science. 13/01/2020 to 19/01/2020

This is the first time of my life to join such a program. This program has been very effective for me. I want to thank my dear Microbiology Department that they have provided this golden opportunity for us. Through this program, we have learned a lot of knowledge related our subject and other. The program started 10 am on day 13/01/2020, whose guest was Dr. Rajeev Choudhary sir. He provided us with detailed knowledge of the statistical tools. And the second guest of this day was Dr. Sapna Sharma mam, who gave information about the case study. Our second day started on 14/01/2020 whose guest was Dr. Ranjana Saha mam from Mahila College Bhubaneswar. She taught us about the subject of bioinformatics. And in this the second half of this day, a poster competition was organized in which all the student presented posters by forming group. On 15/01/2020 was third day of the program, whose guest was Dr. Anli Parganitha mam, she informed us about the research publication, research malpractices, plagiarism etc. The fourth day of the seven days activity week was on 16th, on this day the quiz competition was organized by our HOD mam, in which all the students participated with great interest. This competition was played in two rounds, the first screening round and the second stage round game. The fifth day started with Dr. Deepak Bhanu sir on 17/01/2020 he was us study of the SDS PAGE, DNA isolation and PCR. 18/01/2020 was our last day of activity



week. On this day Dr. Deepak Bharti sir taught SDS-PAGE and isolation of DNA from cells.

And in this way the last of our "seven days activity week on advanced learning in Biological sciences" happened very well. And last day of week 1st on 19/01/2020 decided to study tour for which we had to take the place Rainade ABIS dairy factory.

And last thanks our Department
And lastly I would like to thanks my department for giving us the benefit of this opportunity.

16

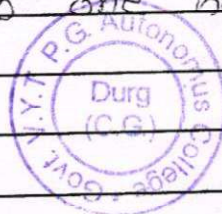
Principal
Govt V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Study Tour 19/01/2020

ABIS Dairy Rajnandgaon

We were taken to ABIS Dairy Rajnandgaon for a study tour. We left our college at 10:30 am to go on 19/01/2020. We enjoyed a lot in the tour, everyone was travelling with fun in the bus. On reaching the dairy all the student were given hair cap and shoe covers so that we were safe and clean. In dairy we saw many species of cow and buffaloes. One of which was the species of cow Murrah. The manager of the dairy gave us room around of the whole place of Dairy. We saw an automatic milk extracting machine. The manager told us that he takes great care of all the cows or buffaloes he keeps, they serve their food and keep them clean. He told that when milk is to be extracted from the cow, the cow is first showered and then dried by a fan by which they are ready to give milk, then milk is taken out of them by machine. Milk is then tested and used to manufacture different products such as Paneer, sweets, curd and other. After roaming the dairy, we take picks and got out to come back. On the way, we had lunch from the Department and then returned to our college at 4 pm.

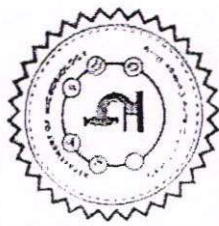
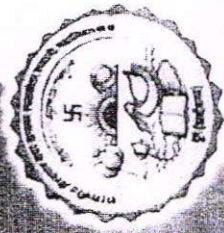
In this way, our study tour program was very enjoyable and no one has any problem with this tour.



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG (C.G.)

Reaccredited A⁺ Grade by NAAC



Department of Microbiology

Certificate of Participation

This certificate is awarded to Mr./Mrs. Lilima Dewangan
for his/her active participation in the Activity Week and Hands-on Training on
Advanced Learnings in Biological Sciences held during 13th - 19th January, 2020
at Department of Microbiology, Govt. V.Y.T. PG Autonomous College Durg (C.G.).

Pragya Kulkarni

Head, Department of Microbiology

Dr. R.N. Singh
Principal

- Principal
Govt. V.Y.T. PG Autonomous
College, Durg (C.G.)



To,

The Principal

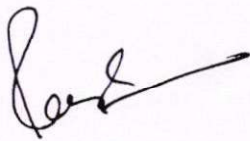
Govt. V.Y.T. PG Autonomous College, Durg (C.G.)

Subject: - Application to accord your kind permission.

Respected Sir,

This is to inform your good self that the faculty members of Dept. of Botany want to conduct *Practical skill development* Programme/activity *15/09/2017-1* for the students of *Sun Shine Eng. medium school* therefore request you to kindly accord your kind permission in this regard and oblige.

Thanking you.



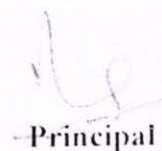
Yours faithfully

Dr. Ranjana Shrivastava

Head Dept. of Botany

Govt. V.Y.T PG Autonomous College

PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



-Principal



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Practical skill in students of Sun Shine English Medium Higher Secondary School

Date – 15/09/2017

Place of Activity: – Department of Botany, Govt. V.Y.T.P.G. College Durg, (C.G.)

Name of Institute: - Sun Shine English Medium Higher Secondary School.

Aims & Objectives: – to develop practical skill in students of Sun Shine English Medium Higher Secondary School.

Outcome of the visit: – Learned practical's like plant physiology, anatomy, cell biology. They gained knowledge, understanding, attitudes, values, enjoyment, inspiration, creativity, behavior and progression.


Suggestions – They enjoyed and wished to visit again.

Practical skill in students of Sun shine English Medium Higher Secondary School



 PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)



 Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Date: 15/9/17

1) Karan Singh

Karan

2) Puati Pawar

Puati*

3) Shailee Janbhulkar

Shailee

4) Ishita Tiwari

Ishita

5) Gaurami Rao

Gaurami

6) Anshika Agraya

Anshika

7) Ashi Dandekar

Ashi

8)

...

9)

...

10)

11)

12)

13) Karan. Sonuani

Karan

Dr. Ranjana Shivastava

Dr. Gayatri Pandey


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Experiments.

- Potentiometer
{ Rate of Transpiration }
- Hydrilla
(Oxygen is released during Photosynthesis)
- Dissection of Monocot.


PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

DEPARTMENT OF BOTANY



Extension Activity on Mushroom Cultivation Balod College and College of Dongargao.

Date – 1/07/2021

Topic - Mushroom Cultivation

Attended by - All faculty members of Dept. of Botany and students of Balod College and College of Dongargao.

Online Platform - Google meet

Objectives –

1. To make students aware of techniques of mushroom cultivation.
2. To develop skills in students.
3. To interact with the students and faculties of other institutes.
4. To exchange knowledge of resource persons.
5. To create interest among students for skill development courses.

Time - 1 pm onwards.

An extension activity in the form of mushroom cultivation is being organised by the Department of Botany in which the importance of mushroom is being told by the Head of department Dr. Ranjana Shrivastav, the introduction is given by Dr. G.S Thakur. Dr. Shriram Kunjam presented his presentation on Mushroom cultivation as a resource person. Research scholars Devendra Nirmalkar and Shyamu have demonstrated it practically. They made the students understand the technique of cultivation. Prof. Gayatri Pandey, Dr. KI Toppo, Dr. Vijay Laxmi Naidu and Dr. Satish Sen have given their valuable suggestions regarding how to make the skill development program more interesting. The students of Balod College and Dongargao College attended it.



DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



**VIRTUAL EXTENSION ACTIVITY
ON
MUSHROOM CULTIVATION
&
VEGETATIVE PROPAGATION TECHNIQUES**



1st July 2021
Time: 1:00 pm to 2:00 pm



ORGANIZED

BY

DEPARTMENT OF BOTANY

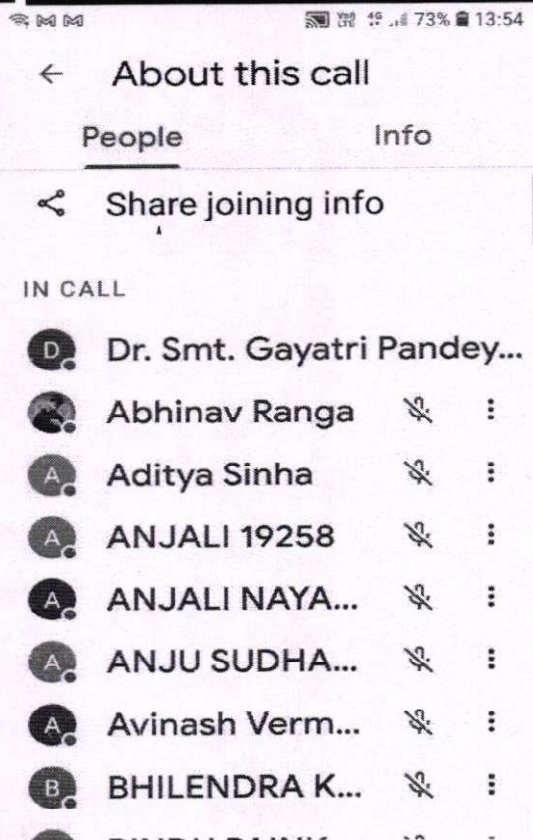
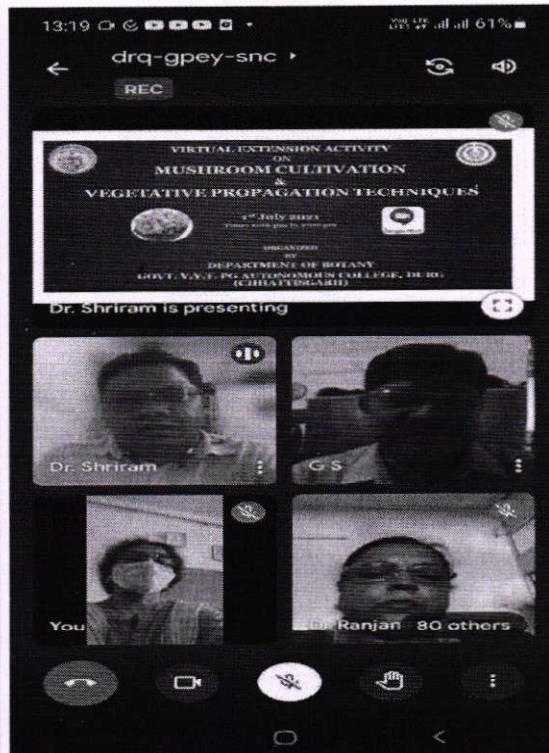
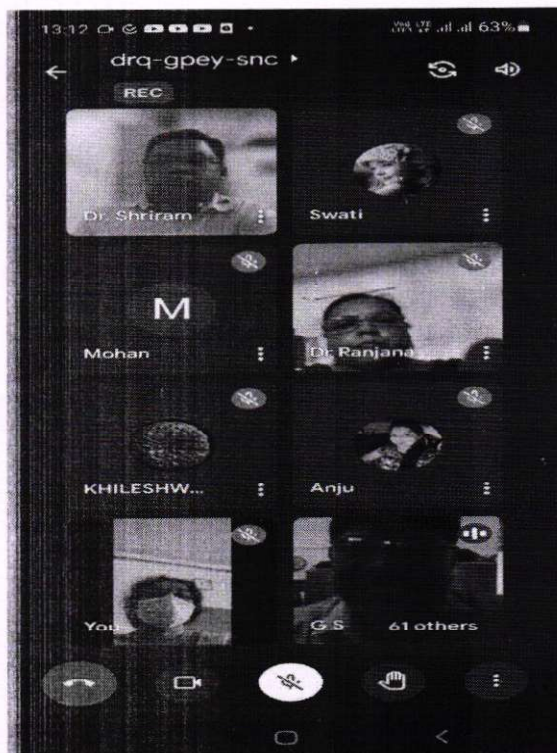
**GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG
(CHHATTISGARH)**



HEAD
DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Extension Activity on Mushroom Cultivation Balod College and College of Dongargao
1/07/2021



Ne
Principal
GOVT. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Prof
PROFESSOR & HEAD
DEPARTMENT OF BOTANY
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (C.G.)

To,

The Principal

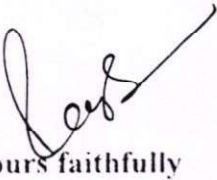
Govt. V.Y.T. PG Autonomous College, Durg (C.G)

Subject: - Application to accord your kind permission.

Respected Sir,

This is to inform your good self that the faculty members of Dept. of Botany want to conduct *a virtual Extension Activity on mushroom cultivation* Programme/activity *01/07/2021* therefore request you to kindly accord your kind permission in this regard and oblige.

Thanking you.



Yours faithfully

Dr. Ranjana Shrivastava

Head Dept. of Botany

Govt. V.Y.T PG Autonomous College

DEPARTMENT OF BOTANY,
GOVT. V.Y.T.P.G. AUTO
COLLEGE, DURG (G.G.)



Principal

Principal

Govt. V.Y.T.P.G. Autonomous College, Durg (C.G.)



Principal

Govt. V.Y.T.P.G. Autonomous College, Durg (C.G.)

5.1.3

OFFICE OF THE PRINCIPAL
Govt. V.Y.T. PG Autonomous College Durg (C.G.)
Old Name Govt. Arts and Science College Durg (C.G.)
NAAC GRADE A+ CPE PHASE 3 – DBT- STAR COLLEGE
PHONE NO 0788-2359688, FAX NO 0788-2359688,
Website: www.govtsciencecollegedurg.ac.in

1715

12/12/19


To,


Dr. Ashok Pradhan
HOD, Deptt. Of Anthropology
School of Studies of Anthropology
Pd Ravishankar Shukla University Raipur.

Subject :- Invitation latter for Guest Lecture .

Dear Sir,

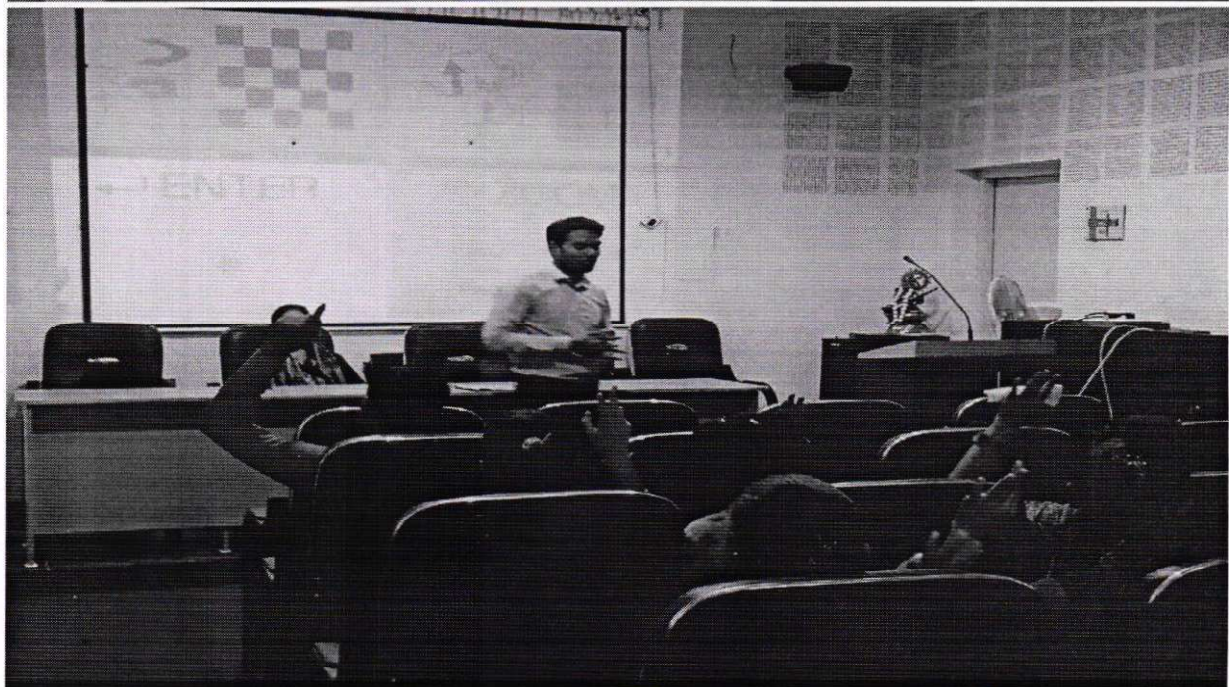
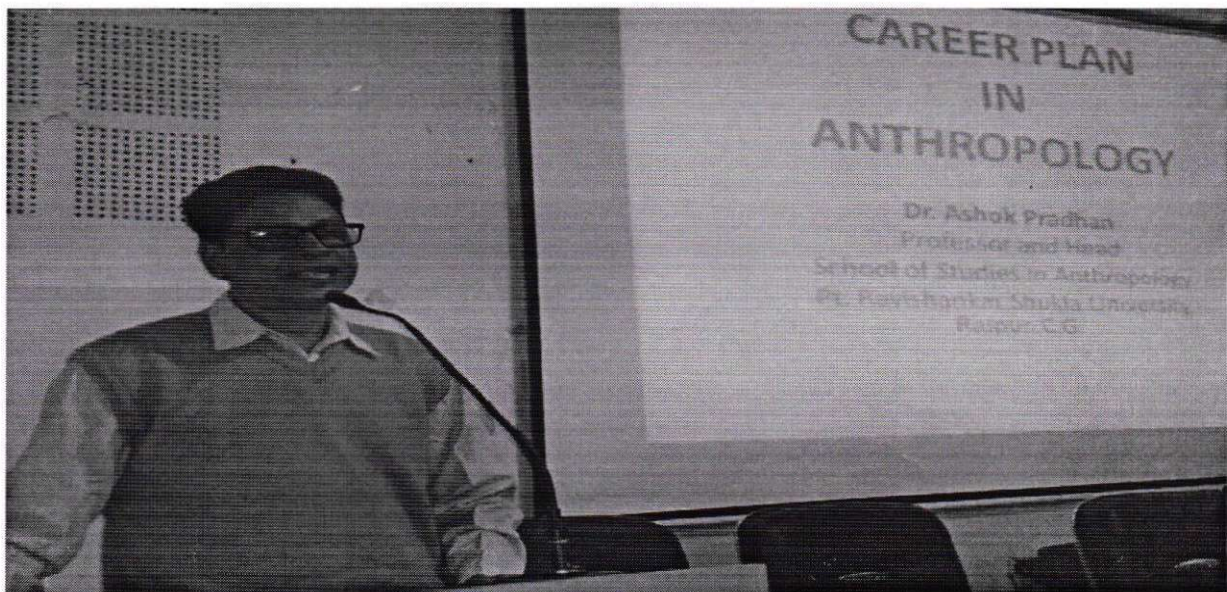
It Gives us Immense pleasure to inform you that the Department of Anthropology organizing Extension lecture on Saturday ie on 14.12.2019 at 12.00 PM. Sir you are cordially invited to deliver a lecture on "Anthropology and its future prospects" and grace the occasion with your benign presence.


HOD
Deptt. Of Anthropology


Principal
Govt. V.Y.T.PG. College
Durg




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Principal
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

सूचना - मानव विज्ञान विभाग

समाप्त मानव विज्ञान विषय के छात्रों को सूचित किया जाता है कि दिनांक 14.12.2019 को दिनशक्ति समम प्राप्त: 11.00 बजे से अतिथि व्याख्यान का आयोजन किया गया है। जिसमें बी.एससी./बी.ए. I, II एवं तृतीय वर्षों के सभी छात्र-छात्राओं की उपस्थिति अनिवार्य है। व्याख्यान का विषय है - "मानव विज्ञान एवं समाजवाद तथा विषय की उपयोगिता"

तथा वक्ता - डा. ए. के. प्रधान, विभागाध्यक्ष, मानव विज्ञान अध्ययनशाला, पं. शिव. सुक्ल वि. वि. रामपुर बेगों।

सभी छात्र छात्राएं अनिवार्य रूप से उपस्थित होंगे।

बी.एससी. III/बी.ए. II

12/12/19
विभागाध्यक्ष
मानव विज्ञान

- | | | | | |
|----|------------------|-----------|------------|------------|
| 1 | Tarun Sahu | Sahu | 9171039510 | मोबाइल नं. |
| 2 | Puspa Chalisa | Pratap | 6260543470 | |
| 3 | Mulsi Ratne | Mulsi | 8770974233 | |
| 4 | Monika Deshmukh | Monika | 6263962005 | |
| 5 | Varsha Deshmukh | Varsha | 7773874133 | |
| 6 | Umeshwari Sahu | Sahu | 9340908516 | |
| 7 | Manish | Sahu | 9755262048 | |
| 8 | Neha Dewangan | Neha | 9131398244 | |
| 9 | Priya Sharma | Priya | 7000198734 | |
| 10 | Durga Kosame | Durga | 6268999867 | |
| 11 | Dhameshwari Sahu | Dhe. Sahu | 9899052513 | |
| 12 | Bhupesh Sahu | Bhe | 9972503266 | |
| 13 | Divya Gopkar | Divya | 7987901689 | |
| 14 | Sheikh Shaheer | Shaheer | 6263888521 | |
| 15 | | | | |
| 16 | | | | |

Principal
Govt. V.T.P.G. Autonomous
College, Durg (C.G.)



बी. ए. II (मानवविज्ञान)
बी. ए. II

नाम	हस्ताक्षर	मोबाइल नंबर
1. Rutce Deshmukh	<u>Rutce</u>	9399477787
2. Kusum Dewangan.	<u>Kusum.</u>	6263224666
3. Kesar Netam	<u>Kesar</u>	8959217219
4. Venkateshwar Sahu	<u>venkatesh</u>	9179480769
5. Phuleshujii	<u>Phuleshujii</u>	6267436432
6. Bimla	<u>Bimla</u>	8817171909.
7. Manika Gati	<u>Manika</u>	6265245297
8. Hemkarnari Dewangan	<u>Hemkarnari</u>	6266315058
9. Rakesh Kumare	<u>Rakesh.</u>	9589211314.
10. Ghamesh Dewhari	<u>Ghamesh</u>	6263846112.
11. Subhash kumar	<u>Subhashkumar</u>	6266139109
12. Bhavesh Kumar Sahu	<u>BK Sahu</u>	7697112432
13. Garima Pandey	<u>Garima</u>	6261406154
14. Kuleshkelani	<u>Kuleshkelani</u>	8461017169
15. Jitu Das	<u>Jitendras</u>	9179026925
16. Arvind soni	<u>Arvind</u>	9770952470
17. Roshan Baghel	<u>Baghel</u>	6269195131.
18. Bhagvat yadav	<u>Bat</u>	6266007942
19. Tamradhwar Deshmukh	<u>तमरध्वज देशमुख</u>	6267881839
20. Indrakant Bhuasaya	<u>Indrakant</u>	6263919366

Principal
Govt V.T.P.G Autonomous
College, Durg (C.G.)

Principal
Govt V.T.P.G Autonomous
College, Durg (C.G.)

बी. एचसी. I (मानव विकास)

बी. ए. I

क्र.सं.	नाम	हस्ताक्षर	मोबाइल नं.
1	Hema Dewangan	Hema	826966484
2	Malti Verma	Malti Verma	626835 4664
3	Rajeshwari Dewangan	Rajeshwari	6267454869
4	Monika Deshmukh	monika	6268074451
5	Garima Sahu	Garima	7389463596
6	Megha Sahu	Megha	6263312419
7	Aarti Sinha	Aarti	9630827794
8	Khilashwari Sinha	Khilashwari	6263431946
9	Lisa Sahu	Lisa Sahu	6265737764
10	Cheshta Deshmukh	Cheshta	9174055092
11	Devika Yadav	Devika	9685708419
12	Khushboo Sahu	Khushboo	6232166745
13	Rukmin Gayakwad	Rukmin	6267904992
14	Manisha Tigga	Manisha	9669210165
15	Bhameshwar	Bhameshwar	6267731658
16	OMIT KUMAR	Omlet	8819146543
17	Manik Chandra	Manik	963098 1182
18	DANESHWAR DESHMUKH	Daneshwar	6232517330
19	Khilashwari Yadav	Khilashwari	9752269345
20	Tripti Dewangan	Tripti	7879281158
21	Chetan Choudhary	Chetan	8102153081
22	Bakash Sahu	Bakash	7999827699
23	Rakesh Yadav	Rakesh	6263679247
24	Tripti Sahu	Tripti	9926620713
25	Pooja Saw	Pooja	9589526630
26	Pooja Sahu	Pooja	9131825448
27	Dipti Shari	Dipti	6262451674
28	Dolly Verma	Dolly	6265653880

Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Student- feedback on Guest lecture

① दिये गये व्याख्यान से हमें मानव विज्ञान विषय क्षेत्र के अन्तर्गत अधिक नौकरियाँ तथा इस विषय क्षेत्र से मिलने वाले के बारे में हमें अवगत कराया। काफी महत्वपूर्ण वनौषधियों एवं जनजातियों की कला की उपयोगिता के बारे में हमें जानकारी प्राप्त हुई।

कुंजीतुंदास माडवे
Kunjitundass
B.Sc. IInd year

② आयोजित व्याख्यान ने मानव विज्ञान के अध्ययन के क्षेत्र में अनेक जानकारी प्राप्त हुआ। जैसे विभिन्न प्राचीनतम औषधी उद्यान भोयनीम, पर्यटन के स्थान जैसे बिरपुर से संबंधित जानकारी विभिन्न जनजातियों एवं संस्कृति की जानकारी, व जनजातिय भाषा में विभिन्नता की बताये।

10/11/2024

10/11/2024

कमेश देवठारी

Amesh

B.Sc. IInd year

Roll No. 211008

③ आयोजित व्याख्यान के द्वारा हमें संस्कृति तथा मानव विज्ञान के विभिन्न क्षेत्रों के बारे में पता चला तथा मानव विज्ञान की जागे की पढ़ाई के बारे में पता चला।

Principal
K.Y.T.P.G. Autonomous
College, Durg (C.G.)

भानेश कुमार माड

Bansh

B.Sc. IInd year

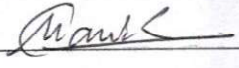
जानकारी प्राप्त हुई, जो हमें पहले नहीं पता था।
Anthropology subject क्षेत्रों में अपनी दाय
होड़ी है, उसके बारे में हमें पूर्ण रूप से
जानकारी प्राप्त हुई। जिससे हमें Anthropology
Subject में आगे अविष्य बनने
के लिए प्रेरित किया।

Khushboo Sahu



I don't know about this subject Anthropology,
but after listening the lecture of Anthropology,
I was well known about this subject and
In this subject different types of field
are also good.

Manik Churendra



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



- ④ आयोजित व्याख्यान में मानव विज्ञान के बारे में जानकारी मिली। जिसमें डांट्रोपॉलॉजी, लिंगुइस्टिक्स, आर्कैओलॉजी और आर्कैओलॉजी के बारे में विस्तृत अध्ययन किया।

रुपाली नांगवेशी

Shiksha

BSC II year

Roll no - 211028

- ⑤ हमें Anthropology के बारे में बहुत अधिक जानकारी मिली। विषय चुनने के बाद में हमें इस विषय के बारे में कुछ भी जानकारी नहीं थी। Lecture सुनने के बाद हमें आगे की विभिन्न शाखाओं के संदर्भ में ज्ञान हुआ। हम आगे अपना भविष्य इस विषय के अंतर्गत आने वाली शाखाओं में चुनकर अपना भविष्य बनाना चाहेंगे जैसे -

✦ Tribal Tourism

✦ Forensic Anthropology.

Garima Sah
BSC 1st year

Malti Verma

BSC 1st year

- ⑥ ANTHROPOLOGY के Lecture में बताया गया कि BSC exam में ANTHROPOLOGY से कई question आती हैं, जिससे हमें BSC exam पास करने में बहुत मदद मिल सकती है।

OMIT KUMAR

well

- ⑦ Anthropology Subject से हमें विभिन्न क्षेत्रों में नौकरी के बारे में

Principal

V.V.T.P.G. Autonomous
College, Durg (C.G.)

NOTICE

All M.Sc. students and Research Scholars of Chemistry are hereby informed that International Webinar organized by Department of Chemistry, Govt. V.Y.T.P.G. Autonomous College, Durg collaboration with Siddhachalam Laboratory Raipur. The details of the program are as follows:-

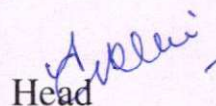
Topic: **“Recent Trends in Science and Technology-2021” (IRTST)**

Date: - from 20-12-2021 to 22-12-2021

Time: **-10.30 am**



Principal
Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)


Head

Department of Chemistry

International Webinar on "Recent Trends in Science and Technology-2021" (IRTST)

Organized by Govt. V.Y.T. PG Autonomous College Drug and Siddhachalam Laboratory, Raipur (C.G.) from 20-12-2021 to 22-12-2021.

Introduction of webinar given by Dr. Bhawana Jain Principal Scientist, Siddhachalam Laboratory Raipur. Conference briefing by organizing secretary, Dr. A. K. Singh, Welcome address by convener, Dr. Alka Tiwari, and chairperson, Dr. Anupama Asthana, Address by patron R. N. Singh Principal, Govt V.Y.T. PG Autonomous College Durg (C.G.)

Chief Guest; Anil Kumar Singh, Director Rashtriya Fertilizer Ltd. Mumbai, Suggested that Basic research should be commercial oriented, concise, clear and applicable.

Keynote Speaker 1: S.B. Jonnalgadda, South Africa, explains use of nanomaterial for COVID-19 treatment. He suggested focus on catalyst preparation for environmental and economical viable. 2. Keynote Speaker Md. Abu Bin Hasan Susan, Professor University of Dhaka Bangladesh, focus on Metal –polymer nanocomposite with tunable morphology from water in oil micro emulsion water to surfactant ration. Along with Keynote speaker, 13 participants presented their research work in front of Jury member.


2 / 5



CHIEF GUEST
PROF. ANIL KUMAR SINGH
DIRECTOR,
RASHTRIYA CHEMICALS & FERTILIZERS LIMITED
MUMBAI, INDIA



PATRON
PROF. R. N. SINGH
PRINCIPAL,
GOVT. VYT PG AUTONOMOUS COLLEGE,
DURG (C.G.) INDIA



**International Webinar on
RECENT TRENDS ON SCIENCE &
TECHNOLOGY**
20-22 DECEMBER 2021




Organized by
Department of Chemistry
Govt. V.Y.T. PG Autonomous College
Durg (C.G.)
(Recognized under 12th grade by BSE, Raipur)
(Center for Potential for Excellence, UGC, New Delhi)

In association with
Siddhachalam Laboratory, Raipur (C.G.)

GUEST OF HONOUR



DR. SURJIT CHANDRA TONDAR
ADDITIONAL DIRECTOR
DEPARTMENT OF HIGHER EDUCATION (DUNKAZI) (C.G.)
INDIA



PATRON
DR. BHAWANA JAIN
PRINCIPAL SCIENTIST
SIDDHACHALAM LABORATORY, RAIPUR (C.G.)
INDIA

 PROF. SANDEEP AGRAWAL Central Department of Chemistry, Indian Institute of Technology, Kharagpur	 Associate Prof. MARIYA ALEXANDROVA Associate Professor of Technical University of Sofia, Department of Microelectronics, Bulgaria	 PROF. JAI SINGH Associate Professor, Kumaon University, Almora, Uttarakhand, India
 PROF. MD. ABU BIN HASAN SUSAN University of Dhaka, Bangladesh	 DR. SHYAM Indian Institute of Technology, Raipur, India	 DR. SURITA SAMRA Delhi University & Govt. Girls College, Sangli (C.G.)
 PROF. SURESH KUMAR University, Kharagpur, India	 DR. SURYA PRAKASH SINGH Professor, Central Institute of Chemical Technology, Hyderabad, India	 PROF. SHREEKANTHA JONNALGADDA Chemistry University of KwaZulu-Natal South Africa

CHAIRPERSON
PROF. ANUPAMA ASTHANA
Head, Department of Chemistry

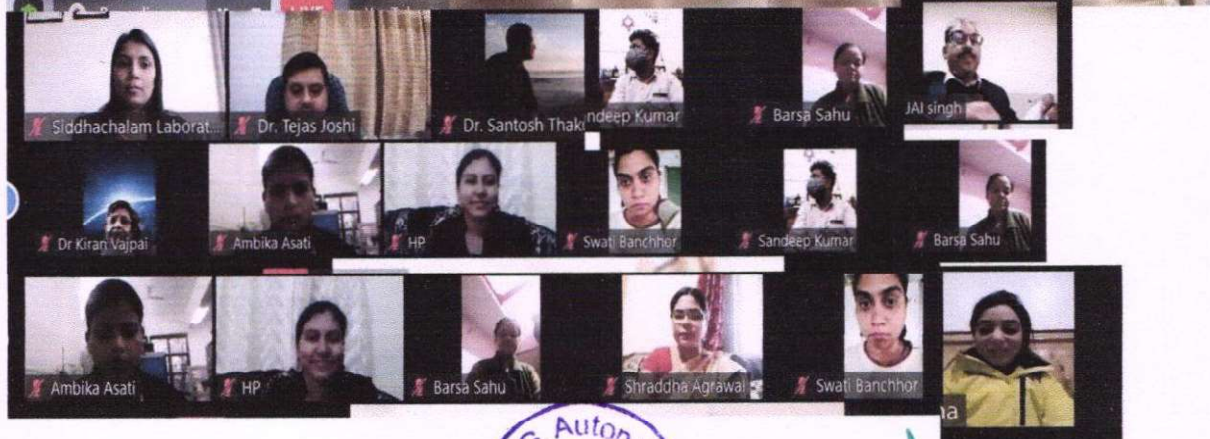
ORGANIZING SECRETARY
PROF. ANUPAMA K. SINGH
9400267572
Department of Chemistry

CONVENER
PROF. ALKA TIWARI
Department of Chemistry

JOINT SECRETARY
DR. BHUPENDRA K. SINGH
9424108400
Department of Chemistry



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



Principal
V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Intl webinar on Recent Trends in Science, Technology held

An international webinar on 'Recent Trends in Science and Technology-2021' was organised by Government V Y T PG Autonomous College Drug and Siddhachalam Laboratory, Raipur. Principal Scientist of Siddhachalam Laboratory Raipur Dr Bhawana Jain gave introduction. Organising Secretary of the webinar Dr A K Singh highlighted about the webinar. Dr Anupama Asthana chaired the webinar.
Director of Rashtriya Fertiliser


Ltd. Mumbai Anil Kumar Singh was the chief guest at the programme. He suggested basic research in science and technology. He said that basic research should be commercial oriented and our work should be concise, clear and applicable. S B Jonnalgadda from South Africa explained use of nanomaterial for COVID-19 treatment. Basically he suggested use of environment friendly material like, bismuth, zinc, zirconium and manganese based.

He also suggested focus on catalyst preparation for environmental and economical viable.

Professor Md. Abu Bin Hasan Susan from University of Dhaka Bangladesh was the keynote speaker. Principal of Governor VYT PG Autonomous College Durg R N Singh and Dr Alka Tiwari also addressed the programme. 13 children presented their research work in the webinar. Selected candidate will get 'Young Scientist' and Best Paper Presentation Award".

Outcome:- Young Scientist Award Winner is Aisha Hashmi and in Oral presentation prize winners are as follows, 1st Kumar Siddhant, JAPAN, 2nd T. Shwetha IICT Hyderabad and 3rd Aditi Banjare Durg".




Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)



DEPARTMENT OF GEOLOGY

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG 491001(C.G.) INDIA

(Former Name – Govt. Arts & Science College, Durg)

NAAC Grade- A⁺, CPE Phase-III, DBT-Star College

Ph./ Fax: 0788-2359688

Website: www.govtsciencecollegedurg.ac.in



Date - 08.12.2021

NOTICE

The M.Sc. students of Geology are hereby informed that a guest lecture is being organized in the Geology department. The details of the guest lecture are as follows:

Topic: - 'Elemental partitioning in rocks and minerals'


Resource Person: - Dr. K. R. Hari, Head SOS in Geology and WRM, Pt. R. S. University, Raipur (Chhattisgarh)


Date and Time: - 10.12.2021 at 12.00 noon.

Venue: - Department of Geology, Govt. V. Y. T. PG Autonomous College Durg, Chhattisgarh

The students are advised to attend the guest lecture and participate in the interaction with the resource person.




Principal
Govt. V.Y.T.P.G. Autonomous College
Durg (Chhattisgarh)


Head
Department of Geology
Govt. V.Y.T.P.G. Autonomous College
Durg (Chhattisgarh)
Department of Geology

Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Guest Lecture- " Elemental partitioning in rocks and minerals"	10/12/2021	28	Prof. K. R. Hari, S.O.S. in Geology and WRM, Pt. R. S. University, Raipur (C.G.) Mob. No. 9827984622



DEPARTMENT OF GEOLOGY
GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG 491001 (C.G.) INDIA
 (Former Name - Govt. Arts & Science College, Durg)
 NAAC Grade - 'A', CPE Phase-II, 06T-Star College
 Ph./ Fax: 0788-2399688 Website: www.govtvtcollegeindia.org



Durg, Dated 8.12.2021

To,

Prof. K. R. Hari

SOS in Geology and WRM,

Pt. R.S. University, Raipur (C.G.)

Subject: - Invitation to deliver guest lecture.

Dear Sir,

It is a matter of great pleasure to invite you as a resource person to deliver a guest lecture in the Department of Geology, Govt. V.Y.T. PG Autonomous College, Durg. The details of the event are as follows:

Topic: - "Elemental partitioning in rocks and minerals"

Date: - 10.12.2021

Time: - 12.00 noon

Your expertise and knowledge will be of great help to the students in learning about the above-mentioned topic. Kindly oblige us by giving your consent to deliver the lecture.

Thanking you,

Yours Sincerely,

[Signature]

Head

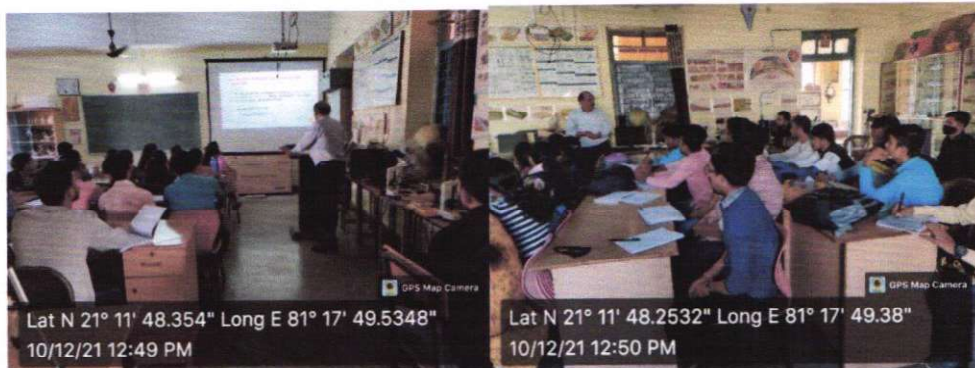
Department of Geology
 Govt. V.Y.T. PG Autonomous College
 Durg (Chhattisgarh)

[Signature]
 Principal

Govt. V.Y.T.P.G. Autonomous College
 Durg (Chhattisgarh)



[Signature]
 Head
 Department of Geology
 Govt. V.Y.T. PG Autonomous College
 Durg (Chhattisgarh)



Outcome of this activity	The PG students learnt about partition coefficient and distribution coefficient
--------------------------	---

Principal
Govt. V.Y.T.P.G. Autonomous College
Durg (Chhattisgarh)



Head
Department of Geology
Govt. V.Y.T. P.G. Autonomous College
Durg (Chhattisgarh)

NOTICE

All M.Sc. students and Research Scholars of Chemistry are hereby informed that A Workshop organized by Department of Chemistry, Govt. V.Y.T.PG. Autonomous College, Durg collaboration with Siddhachalam Laboratory Raipur.. The details of the program are as follows:-

Topic: "Nanomaterials and Nanocomposite Synthesis and Research paper writing"

Date: - from 18-24 October 2021

Time: -11.00 am

Venue: - Seminar Hall, Department of Chemistry,

Govt. V. Y. T. PG Autonomous College Durg, Chhattisgarh

Principal
Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)

Head

Department of Chemistry



Workshop was organised on topic "Nanomaterials and Nanocomposite Synthesis and Research paper writing" from 18-24 October 2021 by Department of Chemistry, Govt. V.Y.T.P.G. Autonomous College, Durg collaboration with Siddhachalam Laboratory Raipur.

SIDDHACHALAM LABORATORY

7 Days Workshop on General Laboratory Research & Writing
Bhanpuri Raipur (C.G.)

Date for training: 18-24
October 2021

REGISTER

Registration and training
Fees: 1500/-

Topic to be covered:

Day 1: Nanomaterial synthesis

Day 2: Nanocomposite synthesis

Day 3: How to check synthesis at initial stage

Day 4: Project Writing

Day 5: Research paper writing

Day 6: Research tools

Day 7: Summary

All the participants are requested to ensure sending their nominations through proper channel

Name	Email Id	Mobile	Qualification	Address for contact	Organization

Dr. Bhawana Jain

☎ 9303009951
 ✉ Email: siddhachalamlab@gmail.com
 🌐 Website: siddhachalamenvirotech.com
 📍 KH 217/17, Near Surya Plastic,
 Ring Road 2, Bagan, 493221
 Raipur (C.G.) India

TheHitavada

Raipur City Line | 2021-10-23 | Page- 4
ehitavada.com

Car.

neary areas at very affordable Click to serve the patients.

ts

'Hands on Laboratory and Writing Workshop' for students of Government VYT PG College

■ Staff Reporter
RAIPUR, Oct 22



raa

d the
Kumar
ents for

GOVERNMENT VYT Post Graduate Autonomous College Durg in collaboration with Siddhachalam Laboratory Raipur has organised six days 'Hands on Laboratory and Writing Workshop' at Siddhachalam Laboratory, Bhanpuri in Raipur district. The workshop, which began on October 18, will conclude on Saturday.

The participants are being given training about research and review article writing skill development at Siddhachalam Laboratory for nanomaterial, quantum dots synthesis and water treatment. Professor and Head of Department of Department of Chemistry, Government VYT Post Graduate Autonomous



Participants during the workshop at Siddhachalam Laboratory.

College Durg Dr Anupama Asthana was the Chief guest at the inaugural programme.

Professor of Government VYT Post Graduate Autonomous College Durg Dr Ajaya Kumar Singh,

Principal Scientist Dr Bhawana Jain, Director of PRG New Delhi Dr Amit Jha, Dr Ayesha Hashim, CA Santosh Jain, Assistant

Professor of Echleon Institute of Technology Faridabad, Haryana Dr Reena Rawat, Dr Ayesha Hashmi, Dr Jyoti Patel and other speakers addressed the workshop. Kranti Kumar will deliver a lecture on 'determination of basic characteristics of water, i.e., pH, hardness, Turbidity, nitrate, iron, sodium and potassium metal ion etc' on Saturday.

Powered by iDocuments



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

NOTICE

All M.Sc. students of Chemistry are hereby informed that **Mole Day** celebrated in the Chemistry department. The students are advised to actively participate with poster, charts and power point presentation. The details of the program are as follows:-

Topic: - "**Mole Day**"

Date and Time: - **23rd October 2021 at 11.00 am**

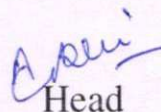
Venue: - Seminar Hall, Department of Chemistry,

Govt. V. Y. T. PG Autonomous College Durg, Chhattisgarh



Principal

Govt. V. Y. T. P. G. Autonomous
College Durg (C.G.)

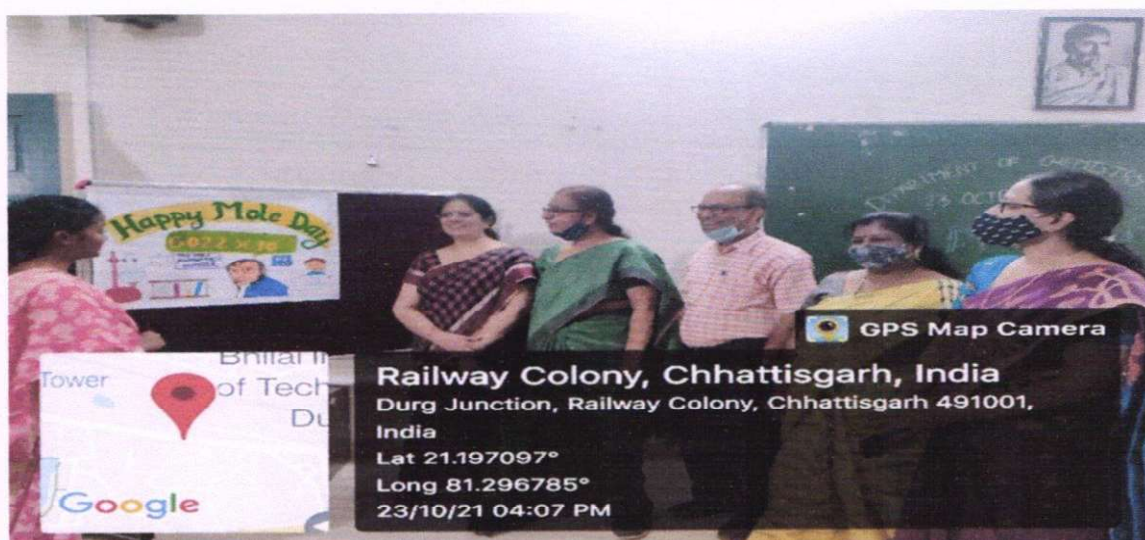
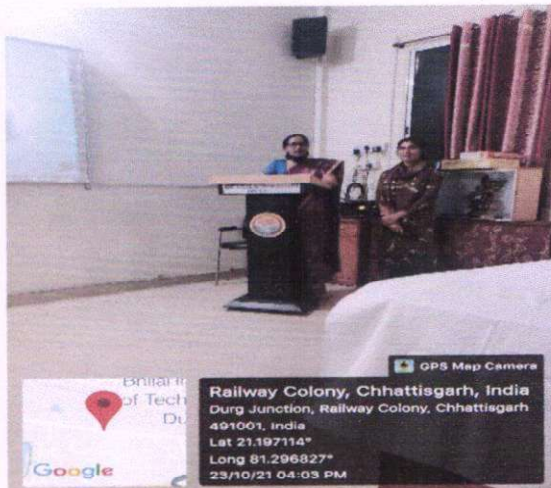


Head

Department of Chemistry



“Mole day” has celebrated on **23rd October 2021** at seminar hall, department of Chemistry. Students of M.Sc. previous and final were actively participated and presented lecture and prepared posters on topics related to mole day. All professors of department of chemistry were present, Dr. Ajai Kumar Pillai and Dr. Sunitha B. Mathew talk on the importance and significance of mole in Chemistry as well as in other subjects.



Outcome:- The students of M.Sc. learnt about the mole, its importance and significance in Chemistry as well as in other subjects.



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Mole Day

Topic: - "International Mole day" celebration 2021

Date: - 23.10.2021

ATTENDANCE SHEET

S.No.	Name of Student	Signature
1	Akanksha	Akanksha
2	Anjubala Thakur	Anjubala
3	Bhaveswar Rana	Bhaveswar
4	Damin	Damin
5	Devika	Devika
6	Ekta Sonkar	Ekta Sonkar
7	Gaurav Kumar	Gaurav
8	Jamini Yadav	Jamini
9	Kajal Dewangan	Kajal Dewangan
10	Laxmi Chourka	Laxmi chourka
11	Laxmi Dewangan	Laxmi Dewangan
12	Anjali Soni	Anjali soni
13	Levis Kumar	Levis Kumar
14	Mansi Verma	Mansi Verma
15	Naman Sahu	Naman Sahu
16	Neeraj	Neeraj
17	Nikita Kashyap	Nikita Kashyap
18	Nitya Verma	Nitya Verma
19	Omin Sahu	Omin Sahu
20	Padma Singh Paikra	Padma Singh
21	Ravindra Gupta	Ravindra Gupta
22	Roshan Kumar	Roshan
23	Sushma Singh	Sushma Singh
24	Yamini Sahu	Yamini
25	Yanjana Sunhale	Yanjana
26	Durga Kosare	Durga Kosare
27	Himanshu Shrivastava	Himanshu
28	Neelima Baghel	Neelima Baghel
29	Preeti Laria	Preeti
30	Sunita Dhurve	Sunita
31	Varsha Kosare	Varsha Kosare
32	Vishnu Mandavi	Vishnu
33	Amardas Banjare	Amardas
34	Chhaya Soni	Chhaya
35	Nidhi Sahu	Nidhi Sahu
36	Purnmita Dewangan	Purnmita



Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

37	Rupali Gupta	<u>Rupali</u>
38	Shaba Khan	<u>Shaba</u>
39	Ujjwala Dewangan	<u>Ujjwala</u>
40	Bhoomika Pisdar	<u>Bhoomika Pisdar</u>
41	Devendra Kumar	<u>Devendra</u>
42	Meenal Chandrawanshi	<u>Meenal</u>
43	Monika Verma	<u>Monika</u>
44	Namita Sahu	<u>Namita</u>
45	Pankaj Verma	<u>Pankaj</u>
46	Rajiya Minj	<u>Rajiya</u>
47	Renuka Sahu	<u>Renuka</u>
48	Vaishnavi Kansari	<u>Vaishnavi</u>
49	Durga Kosare	<u>Durga Kosare</u>
50	Himanshu Shrivastava	<u>Himanshu</u>
51	Shraddha Agarwal	<u>Shraddha</u>
52	Thaneshwer Sahu	<u>Thaneshwer</u>
53	Rupa Chakrobarty	<u>Rupa</u>
54	Akanksha Thakur	<u>Akanksha</u>
55	Kiran	<u>Kiran</u>
56	Sushma Yadav	<u>Sushma Yadav</u>
57	Sandeep Kumar	<u>Sandeep Kumar</u>
58	Priya Singh	<u>Priya Singh</u>
59	Anjali Sahu	<u>Anjali Sahu</u>

Principal
K. V. T. P. G. Autonomous
College, Durg (C.G.)



DEPARTMENT OF CHEMISTRY

(DST-FIST)

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG 491001(C.G.) INDIA

(Former Name – Govt. Arts & Science College, Durg)

Website: www.govtsciencecollegedurg.ac.in



Date -

To,

Dr. Anurag Tomar

Professor

Indira Gandhi Krishi Vishwavidhyalaya,

Raipur (CG)

Subject: - Invitation to deliver lecture.

Dear Sir,

It is a matter of great pleasure to invite you as a resource person to deliver a guest lecture in the Department of Chemistry, Govt. V.Y.T. PG Autonomous College, Durg. The details of the event are as follows:

Topic: - "Soil and Water Analysis"

Date: - 27th November 2021

Time: - 11.00 am

Your expertise and knowledge will be of great help to the students in learning about the above-mentioned topic. Kindly oblige us by giving your consent to deliver the lecture.

'Thanking you'

Principal
Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)



Yours Sincerely

Head

Department of Chemistry

NOTICE

The M.Sc. students of Chemistry are hereby informed that a guest lecture is being organized in the Chemistry department. The details of the guest lecture are as follows:

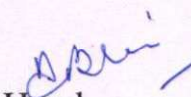
Topic: - **“Soil and Water Analysis”**

Resource Person: - **Dr. Anurag Tomar**, Professor, Indira Gandhi Krishi Vishwavidhyalaya, Raipur (CG).


Date and Time:- **27th November 2021 at 11.30 am.**

Venue: - Seminar Hall, Department of Chemistry, Govt. V. Y. T. PG Autonomous College Durg, Chhattisgarh

The students are advised to attend the guest lecture and participate in the interaction with the resource person.


Head

Department of Chemistry


Principal
Govt. V.Y.T. P.G. Autonomous
College, Durg (C.G.)



- 17) A guest lecture was organised by department of Chemistry on topic **“Soil and Water Analysis”** on 27th November 2021 at seminar hall, department of Chemistry, Govt. V.Y.T. PG Auto. College, Durg (CG) by **Dr. Anurag Tomar**, Professor, Indira Gandhi Krishi Vishwavidhyalaya, Raipur (CG). He talk on soil profile, variety, impact of fertilizer on soil and various parameters to analyze the quality of both soil and water.



Outcome: From the lecture students learnt about impact of fertilizer on soil, variety of soil and various parameters to analyze the quality of both soil and water.



Ne
Principal
Govt. V.Y.T.P.G. Autonomous
College, Durg (C.G.)

Guest Lecture

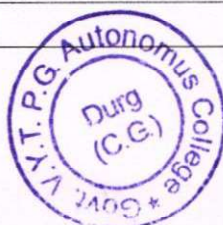
Topic: - "Soil and Water Analysis"

Resource Person: - Dr. Anurag Tomar

Date and Time:-27th November 2021

ATTENDANCE SHEET

S.No.	Name of Student	Signature
1	Akanksha	Akanksha
2	Anjubala Thakur	Anjubala
3	Bhaveswar Rana	Bhaveswar
4	Damin	Damin
5	Devika	Devika
6	Ekta Sonkar	Ekta
7	Gaurav Kumar	Gaurav Kumar
8	Jamini Yadav	Jamini
9	Kajal Dewangan	Kajal
10	Laxmi Chourka	Laxmi
11	Laxmi Dewangan	Laxmi Dewangan
12	Anjali Soni	Anjali
13	Levis Kumar	Levis Kumar
14	Mansi Verma	Mansi Verma
15	Naman Sahu	Naman
16	Neeraj	Neeraj
17	Nikita Kashyap	Nikita Kashyap
18	Nitya Verma	Nitya Verma
19	Omin Sahu	Omin
20	Padma Singh Paikra	Padma
21	Ravindra Gupta	Ravindra Gupta
22	Roshan Kumar	Roshan Kumar
23	Sushma Singh	Sushma Singh
24	Yamini Sahu	Yamini Sahu
25	Yanjana Sunhale	Yanjana
26	Durga Kosare	Durga
27	Himanshu Shrivastava	Himanshu
28	Neelima Baghel	Neelima
29	Preeti Laria	Preeti
30	Sunita Dhurve	Sunita
31	Varsha Kosare	Varsha
32	Vishnu Mandavi	Vishnu
33	Amardas Banjare	Amardas
34	Chhaya Soni	Chhaya Soni



Principal
V.Y.T.P.G. Autonomous
College, Durg (C.G.)

35	Nidhi Sahu	Nidhi
36	Purnmita Dewangan	Purnmita
37	Rupali Gupta	Rupali
38	Shaba Khan	Shaba
39	Ujjwala Dewangan	Ujjwala
40	Bhoomika Pisda	Bhoomika
41	Devendra Kumar	Devendra
42	Meenal Chandrawanshi	Meenal
43	Monika Verma	Monika
44	Namita Sahu	Namita
45	Pankaj Verma	Pankaj
46	Rajiya Minj	Rajiya
47	Renuka Sahu	Renuka
48	Vaishnavi Kansari	Vaishnavi
49	Durga Kosare	Durga
50	Himanshu Shrivastava	Himanshu
51	Jyoti Patel	Jyoti Patel
52	Thaneshwer	Thaneshwer
53	Rupa Chakrobarty	Rupa
54	Deepesh Kumar	Deepesh
55	Kiran	Kiran
56	Sushma Yadav	Sushma
57	Sandeep Kumar	Sandeep Kumar
58	Priya Singh	Priya
59	Anjali Sahu	Anjali

Principal
V.Y.T.P.G, Autonomous
College, Durg (C.B.)



DEPARTMENT OF GEOLOGY

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG 491001(C.G.) INDIA

(Former Name – Govt. Arts & Science College, Durg)

NAAC Grade- 'A+', CPE Phase-III, DBT-Star College

Ph./ Fax: 0788-2359688

Website: www.govtsciencecollegedurg.ac.in



Date... 19.11.2021

NOTICE

The M.Sc. I and B.Sc. II students of Geology are hereby informed that a guest lecture is being organized in the Geology department. The details of the guest lecture are as follows:

Topic: - Guest Lecture on Introduction to Geomorphology (Coastal process)

Resource Person: - Prof. Benidhar Deshmukh, SOS In Geology, IGNOU New Delhi Mob. No. 9953450070

Date and Time: - 25.11.2021, 12 PM

Venue: - Department of Geology, Govt. V. Y. T. PG Autonomous College Durg, Chhattisgarh

This lecture is part of collaborative activities with Department of Geology, Govt. B. P. D. Collage Kanker and the students from Kanker will be joining online through Zoom link.

The students are advised to attend the guest lecture and participate in the interaction with the resource person.

Head

Head

Department of Geology
Govt. V.Y.T. P.G. Autonomous College
Durg (Chhattisgarh)



Principal
Govt. V.Y.T.P.G. Autonomous
College Durg (C.G.)





DEPARTMENT OF GEOLOGY

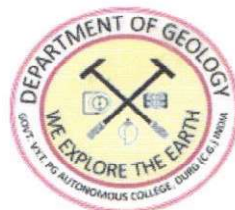
GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG 491001(C.G.) INDIA

(Former Name – Govt. Arts & Science College, Durg)

NAAC Grade- A⁺, CPE Phase-III, DBT-Star College

Ph./ Fax: 0788-2359688

Website: www.govtsciencecollegedurg.ac.in



Date - 19.11.2021

To,

Prof. Benidhar Deshmukh,

SOS in Geology,

IGNOU, New Delhi.

Subject: - Invitation to deliver guest lecture.

Dear Sir,

It is a matter of great pleasure to invite you as a resource person to deliver a guest lecture in the Department of Geology, Govt. V.Y.T. PG Autonomous College, Durg. The details of the event are as follows:

Topic: - "Introduction to Geomorphology (Coastal Processes and Landforms)"

Date: - 25.11.2021


Time: - 11.00 AM

Your expertise and knowledge will be of great help to the students in learning about the above-mentioned topic. Kindly oblige us by giving your consent to deliver the lecture.

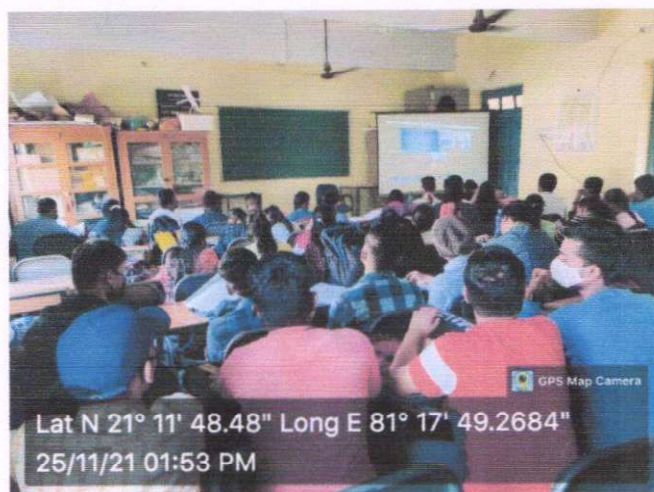
Thanking you,



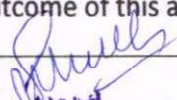

Principal
Govt. V.Y.T.P.G. Autonomous College
Durg (Chhattisgarh)

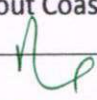
Yours Sincerely

Head
Department of Geology
Govt. V.Y.T. P.G. Autonomous College
Durg (Chhattisgarh)

Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Guest Lecture on Introduction to Geomorphology	25.11.2021	54	Prof. Benidhar Deshmukh, SOS In Geology, IGNOU New Delhi Mob. No. 9953450070



Outcome of this activity	The student learnt about Coastal Processes And Coastal Landforms
--------------------------	--


 Head
 Department of Geology
 Govt. V.Y.T. P.G. Autonomous College
 Durg (Chhattisgarh)


 Principal
 Govt. V.Y.T.P.G. Autonomous
 College, Durg (C.G.)



DEPARTMENT OF GEOLOGY

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG 491001(C.G.) INDIA

(Former Name – Govt. Arts & Science College, Durg)

NAAC Grade- 'A+', CPE Phase-III, DBT-Star College

Ph./ Fax: 0788-2359688

Website: www.govtsciencecollegedurg.ac.in



Date.....12.11.21.....

NOTICE

The M.Sc. I and M.Sc. III students of Geology are hereby informed that a guest lecture is being organized in the Geology department. The details of the guest lecture are as follows:

Topic: - Geology and mineral resources of Kanker region, North Bastar

Resource Person: - Prof. P.S. Gour, Department of Geology, Govt. B.P.D. PG College, Kanker

Date and Time: - 16.11.2021, 3.00 PM

Venue: - Department of Geology, Govt. V. Y. T. PG Autonomous College Durg, Chhattisgarh

The students are advised to attend the guest lecture and participate in the interaction with the resource person.

Principal
Govt.V.Y.T.P.G. Autonomous
College.Durg.(C.G.)

Head
Head

Department of Geology
Govt. V.Y.T. P.G. Autonomous College
Durg (Chhattisgarh)





DEPARTMENT OF GEOLOGY

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG 491001(C.G.) INDIA

(Former Name – Govt. Arts & Science College, Durg)

NAAC Grade- 'A+', CPE Phase-III, DBT-Star College

Ph./ Fax: 0788-2359688

Website: www.govtsciencecollegedurg.ac.in



Date - 12.11.21

To,

Prof. P. S. Gour,

Govt. PG College, Kanker (C.G.)

Subject: - Invitation to deliver guest lecture.

Dear Sir,

It is a matter of great pleasure to invite you as a resource person to deliver a guest lecture in the Department of Geology, Govt. V.Y.T. PG Autonomous College, Durg. The details of the event are as follows:

Topic: - "Mineral Resources of Bastar"

Date: - 16.11.2021

Time: - 12.00 PM

Your expertise and knowledge will be of great help to the students in learning about the above-mentioned topic. Kindly oblige us by giving your consent to deliver the lecture.

Thanking you,

Yours Sincerely,

Head

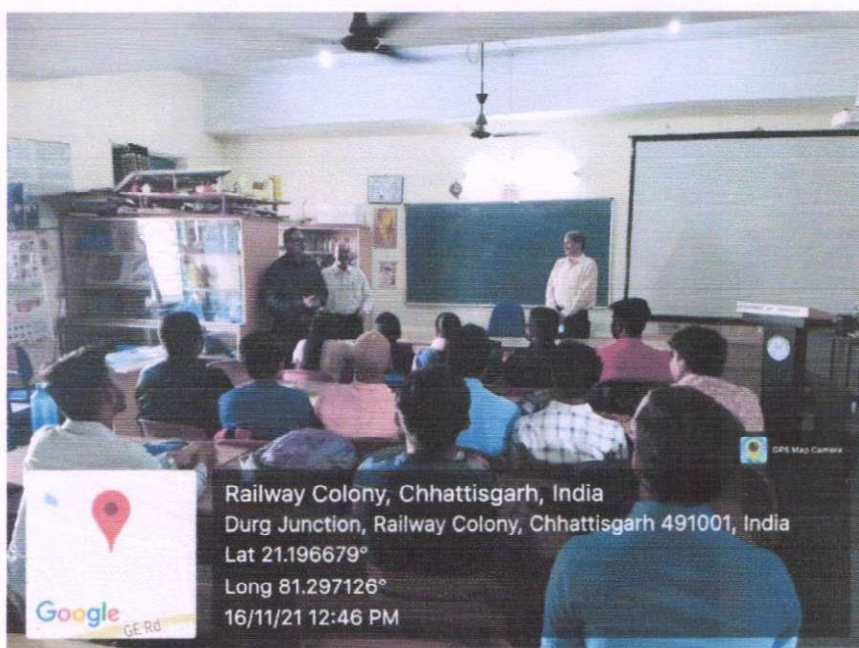
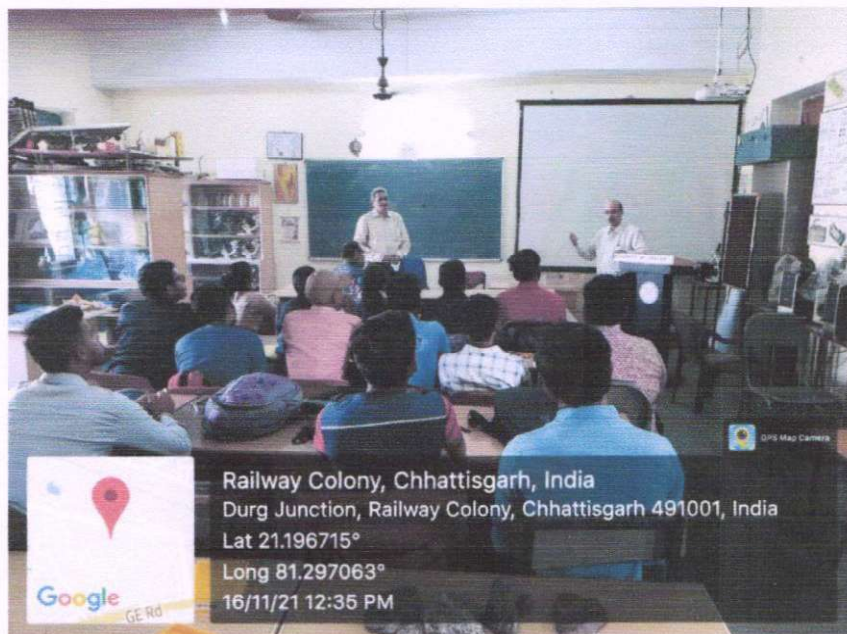
Department of Geology
Govt. V.Y.T. PG Autonomous College
Durg (Chhattisgarh)



Principal

Govt.V.Y.T.P.G. Autonomous
College,Durg.(C.G.)

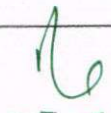
Name of the capability enhancement program	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Talk on Mineral Resources of Baster	16.11.2021	16	Prof. P.S. Gour, Govt. PG College, Kanker(C.G.) Mob. No. 7694979525




Outcome of this activity

The student learnt about Mineral Resources of Baster




Principal
Govt.V.Y.T.P.G. Autonomous
College,Durg.(C.G.)


Head
Department of Geology
Govt. V.Y.T. P.G. Autonomous College,
Durg (Chhattisgarh)



DEPARTMENT OF GEOLOGY

GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG 491001(C.G.) INDIA

(Former Name – Govt. Arts & Science College, Durg)

NAAC Grade- 'A+', CPE Phase-III, DBT-Star College

Ph./ Fax: 0788-2359688

Website: www.govtsciencecollegedurg.ac.in



Date.....16.11.21.....

NOTICE

The M.Sc. I and B.Sc. II students of Geology are hereby informed that a guest lecture is being organized in the Geology department on the occasion of G.I.S. Day on 17.11.2021. The details of the guest lecture are as follows:

Topic: - Introduction to Remote Sensing and G.I.S.

Resource Person: - Prof. Benidhar Deshmukh, SOS In Geology, IGNOU New Delhi Mob. No. 9953450070

Date and Time: - 17.11.2021, 12 PM

Venue: - Department of Geology, Govt. V. Y. T. PG Autonomous College Durg, Chhattisgarh

This lecture is part of collaborative activities with Department of Geology, Govt. B. P. D. Collage Kanker and the students from Kanker will be joining online through Zoom link.

The students are advised to attend the guest lecture and participate in the interaction with the resource person.

Head

Head

Department of Geology
Govt. V.Y.T. P.G. Autonomous College
Durg (Chhattisgarh)



Principal

Govt.V.Y.T.P.G. Autonomous
College.Durg.(C.G.)