

S.No.	Name of participants	Signature
19.	Nitish Saha (BSc-I)	Nitish
20.	Gourav Rajput (BSc-I)	Gourav
21.	Mehant Saha (BSc-I)	Mehant
22.	Devendra Saha (BSc-I)	Devendra
23.	Sant Patel (BSc-I)	Sant
24.	Satvik Shrivastava (BSc-I)	Satvik
25.	Kiran Dewangan (BSc-I)	Kiran
26.	Aarti Chandravanshi (BSc-I)	Aarti
27.	Amy Verma (BSc-I)	Amy
28.	Hirvedha Path (BSc-I)	Hirvedha
29.	Deycham Saha (BSc-I)	Deycham
30.	Adil Saha (BSc-I)	Adil
31.	Poojita Saha (BSc-I)	Poojita
32.	Mami Bhaskar (BSc-I)	Mami
33.	Babitha Koushik (BSc-I)	Babitha
34.	Sumittra Koushik (BSc-I)	Sumittra
35.	Dilakshmi Anand (BSc-I)	Dilakshmi
36.	Ashish Kumar Sengupta (BSc-I)	Ashish
37.	Suman Chandravanshi (BSc-I)	Suman
38.	Sourav Chandravanshi (BSc-I)	Sourav
39.	Chandan Dubey (BSc-I)	Chandan
40.	Harshana Chandravanshi (BSc-I)	Harshana
41.	Giteshwar Koushik (BSc-I)	Giteshwar
42.	Amrita Saha (BSc-I)	Amrita
43.	Neeraj Singh Koushik (BSc-I)	Neeraj
44.	Pratiksha Yadav (BSc-I)	Pratiksha
45.	Indira Pal	Indira
46.	Barnabhai Chandravanshi (BSc-I)	Barnabhai
47.	Manisha Chandravanshi (BSc-I)	Manisha
48.	Deepangali Saha	Deepangali

Dr. Deep Chandravanshi
 CHEMIST
 D.H. KAWASER

coordinators

18/12/19

गौज रिमॉडिंग सोसायटी को राष्ट्रीय स्तर के
 तलाश में महाविद्यालयीय काम-धामाशी
 हेतु व्याख्यान का आयोजन किया गया
 जिसमें रायचूर जिला के रूप में
 डॉ. प्रकाश चौहान (27th जेन निवासी)
 जिला निदेशालय, कर्नाट, उपस्थित हुए
 जिसने "स्वीडिश इन्फार्मेशन सिस्टम"
 विषय पर अपना व्याख्यान प्रस्तुत किया
 जिसमें निम्न काम-धामाशी रूप में 2016 वर्गस्थित
 हुए।

S.NO	Name	Signature
1	Dr. Deepthi K. Kulkarni	
2	Shri. S.K. Mehra	
3	Dr. Anil Sharma	
4	Shri. Manish Kumar	
5	Shri. Chandan Goswami	
6	Smt. Manju Devi Kachhe	
7	Shri. Narendra Kulkarni	
8	Vivek Gautam	
9	Hemant Sharma	
10	Rathe Lal Sahu (G)	
11	Devi Sahu (G)	
12	Dr. Jyoti Lakshmi (G)	
13	Dr. Nishu Sharma	
14	Rishu Gaudle	
15	Ravi B.Sc	
16	Jitendra Sahu	
17	राजेश्वर	
18	रश्मी	
19	सविता	
20	सविता चंदक	
21	विमलेश कुमार	

2

S.NO	Name of Participants	Signature
22	Pooja Lata Patil	
23	Prithvi Kumar Joshi	
24	Shubhi Chandanmishra	
25	Bhramara Patel	
26	Jyoti Patil	
27	Yashu Manoj B.Sc I	
28	Radhika Saha B.Sc I	
29	Yogeshwari Saha B.Sc I	
30	Girishankar B.Sc I	
31	Bhakti Devaraj B.Sc I	
32	Parvathi B.Sc I	
33	Vishali Anand B.Sc I	
34	Ankita Saha B.Sc I	
35	Rupendra Kumar B.Sc I	
36	Titliha Saha B.Sc I	
37	Prithvi Kumar B.Sc I	
38	Shubhi Kumar B.Sc I	
39	Durga Devi B.A II	
40	Kulshukani B.A II	
41	Dinku Banerjee B.A II	
42	Bhramara Patel B.A II	
43	Hanishankar Nandan B.A II	
44	Shubhi Patil B.A II	
45	Hemlata Kante B.Sc III year	
46	Madhu Patil B.Sc III year	
47	Suman Chandanmishra B.Sc III year	
48	Satish B.Sc IV year	
49	Sahana Anant B.Sc IV year	
50	Yogeshwari Saha B.Sc IV year	
51	Ganesh Chandanmishra B.Sc IV year	
52	Kulshukani Saha B.Sc IV year	

कार्यालय प्राचार्य,
आचार्य पंथ श्री गुरुदास मुनिनाम साहेब शासकीय स्नातकोत्तर महाविद्यालय, कवर्धा
जिला-कबीरधाम (छ.ग.)
(अग्रणी महाविद्यालय)

पत्र क्र. 1228 / 2019

कवर्धा, दिनांक 11.12.2019

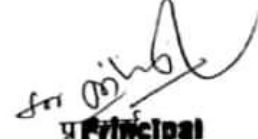
प्रति,

सिविल सर्जन
जिला चिकित्सालय, कवर्धा
जिला-कबीरधाम (छ.ग.)

विषय :- अतिथि व्याख्यान के आयोजन के संबंध में।

विषयान्तर्गत लेख है कि, इस महाविद्यालय में साइंस क्लब द्वारा दिनांक 13.12.2019 को दोपहर 12.30 बजे अतिथि व्याख्यान का आयोजन किया जाना है। इस हेतु Resource Person के रूप में डॉ.अरुण चौधरी (Gynecologist) का नाम प्रस्तावित है।

कृपया छात्रहित में अतिथि व्याख्यान हेतु अनुमति प्रदान करने का कष्ट करेंगे।



Principal

आचार्य पंथ श्री गुरुदास मुनिनाम साहेब
शासकीय स्नातकोत्तर महाविद्यालय,
कवर्धा

कवर्धा, दिनांक 11.12.2019

पृ. क्र. 1229 / 2019

प्रतिलिपि :-

1. मुख्य चिकित्सा एवं स्वास्थ्य अधिकारी, जिला कबीरधाम को सूचनार्थ सादर सम्प्रेषित।
2. डॉ.अरुण चौधरी, (स्त्री रोग विशेषज्ञ) जिला चिकित्सालय, कवर्धा जिला कबीरधाम (छ.ग.) को सूचनार्थ। कृपया पधारने का कष्ट करेंगे।



Principal

आचार्य पंथ श्री गुरुदास मुनिनाम साहेब
शासकीय स्नातकोत्तर महाविद्यालय,
कवर्धा





**Professional Skill Development Certificate Course on
'Aqua Clinics & Aquapreneurship Development Programme (AC & ADP)'**

Date: 10.02.2020 to 09.03.2020

Sponsored by - National Fisheries Development Board (NFDB), Hyderabad

Coordinating Agency - National Institute of Agricultural Extension Management (MANAGE), Hyderabad



COLLEGE OF FISHERIES, KAWARDHA (C.O.)





12.	KHEMCHAND	<u>P. Nand</u>
13.	Anshu Sedyvaishi	<u>Pauli</u>
14.	DEVCHAND	<u>P. Nand</u>
15.	Anurag	<u>PURGESH</u>
16.	DENSONGAM	<u>P. Nand</u>
17.	Anil	<u>Anil</u>
18.	PHADAXI	<u>3779</u>
19.	Ranjay Banjara	<u>P. Nand</u>
20.	Pradeep	<u>puleep</u>
21.	PHADSEH	<u>But</u>
22.	ANUPA	<u>3779</u>
23.	ANURAG GUPTA	<u>P. Nand</u>
24.	Dharmendra	<u>P. Nand</u>
25.	Aakash	<u>AKASH</u>
26.	सिद्ध	<u>SANDEEP</u>
27.	अनुराज	<u>अनुराज</u>
28.	Gajendra	<u>दिव्य</u>
29.	SURAJ KUMAR	<u>Suraj</u>
30.	Khanraj	<u>K. N.</u>
31.	madhu	<u>Mou</u>
32.	Mohit	<u>mohit</u>
33.	PUKESH	<u>Pukesh</u>
34.	Hemshwar	<u>Hemshwar</u>
35.	MORARA SINGH	<u>Shobha</u>
36.	SUNIL	<u>SUNIL</u>
37.	Neetu	<u>me</u>
38.	Popendra	<u>Popendra</u>
39.	Anurag pishad	<u>Anurag</u>
40.		

PRINCIPAL
A.P.S.G.M.N.S.GOV.T.P.G.
COLLEGE KAWARDHA
DISTT-KABIRDHAM

(7)

[4173]

कायालय प्राचार्य
 आचार्य पंथ श्री गृन्ध मुनि नाम साहेब शासकीय स्नातकोत्तर महाविद्यालय, कवर्धा
 जिला-कबीरधाम (छ.ग.)
 (अग्रणी महाविद्यालय)

क्रमांक/1069 /संगोष्ठी/2018

कवर्धा, दिनांक 26/11/18

प्रति,

Dr. Jitendra Jaiswal
 College of Fisheries
 Kanardha

विषय :- विभागीय संगोष्ठी में संसाधन पुरुष के रूप में आमंत्रण विषयक ।
 —00—

विषयान्तर्गत लेख है कि, इस महाविद्यालय में विभागीय संगोष्ठी का आयोजन किया जा रहा है । इस हेतु स्रोत व्यक्ति के रूप में आप सादर आमंत्रित हैं ।

विभाग का नाम	विषय	दिनांक	समय
Microbiology	" Career opportunities in Microbiology "	29.11.18	10:00 - 1:00 PM.

26-11-18

Principal
 आचार्य पंथ श्री गृन्ध मुनि नाम साहेब शासकीय स्नातकोत्तर महाविद्यालय, कवर्धा
 कवर्धा, दिनांक 26/11/2018

पृ.क्रमांक/ 1069 A /संगोष्ठी/2018
 प्रतिलिपि :-

1. प्राचार्य, College of Fisheries, Kanardha (C.G.) को सूचनार्थ सादर सम्प्रेषित ।

26/11/18

Principal
 आचार्य पंथ श्री गृन्ध मुनि नाम साहेब शासकीय स्नातकोत्तर महाविद्यालय, कवर्धा

Date: / /
अनिधि व्याख्यान

"Seminar - Career Opportunities in Microbiology"

आज दिनांक 29/11/2018 को microbiology department द्वारा microbiology के student के benefit के लिए seminar (अनिधिव्याख्यान) आयोजित किया गया, जिसमें मुख्य अनिधि के रूप में डॉ. जितेंद्र जाखड़ (सहायक प्राध्यापक) फिशरीज महा. कच्छी में अपने व्याख्यान प्रस्तुत किया। जिसमें microbiology के career opportunities के बारे में सभी विद्यार्थियों ने जानकारी प्राप्त की।

Source - Dr. Jitendra Jakhad
Fisheries college Kawardha

नामांकित विद्यार्थी:-

S.N.	Name of Student	Signature
1.	Pradeep Kumar	Pradeep
2.	Kishanlal	Kishan
3.	Rohit	Rohit
4.	Tejas	Tejas
5.	Pranay marham	Pranay
6.	DEBCHANDAN SAMU	Debnayan
7.	SANGEETA	Sangeeta
8.	Nisha	Nisha
9.	Jagat Kumar	Jagat
10.	Pratima	Pratima
11.	Elupam	Elupam



ACHARYA PANTH SHRI GRINDH MUNI NAAM SAHEB

GOVERNMENT P.G. COLLEGE, KAWARDHA, [C.G.]

Affiliated to Hemchand Yadav University, Durg


Registered Under Section 2(F) & 12(B) of UGC Act

Date: 28.02.2019

To whom it may concern

This is to certify that Mr. Asit Kumar Assistant Profesor Dept. of Zoology have delivered Invited talk on National Science Day the topic entitled "Science for the people and the people for Science" on 28.02.2019 organized by Science club and IQAC Acharya Panth Shri Grindhuni Naam Saheb Govt. P.G. College Kawardha.

We wish him all the best for future


PRINCIPAL
A.P.S.G.M.N.S.GOV.T.P.G.
COLLEGE KAWARDHA
DISTT-KABIRDHAM

Acharya Panth Shri Grindhuni Naam Saheb

Govt. P.G. College Kawardha.


PRINCIPAL
A.P.S.G.M.N.S.GOV.T.P.G.
COLLEGE KAWARDHA
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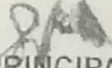
GOVT. RAJMATA VIJAYA RAJE SINDHIYA KANYA MAHAVIDYALAYA, KAWARDHA
KAWARDHA, DISTT. KABIRDHAM, CHHATTISGARH
Registered Under Section 2(F) of UGC Act
Affiliated to Bhanubhai Vaidya University, Durg (C.G.)

Date: 3.12.2018


To whom it may concern

This is to certify that Shri Lawan Singh Kanwar Assistant Professor Govt. RVRS Kanya Mahavidyalaya Kawardha have delivered Invited talk on the topic entitled "Adhunik hindi kavita ke vividh Aayam" on 3.12.2018 organized by Department of Hindi Acharya Panth Shri Grindhmuni Naam Saheb Govt. P.G. College Kawardha.

We wish him all the best for future


PRINCIPAL
A.P.S.G.M.N.S.GOV.T.P.G.
COLLEGE KAWARDHA
DISTT-KABIRDHAM

Govt. RVRS Kanya Mahavidyalaya Kawardha.


PRINCIPAL
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FLORA AND FAUNA
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EVALUATION OF ANTAGONISTIC BEHAVIOR OF SOIL MYCOFLORA OF
BILASPUR DISTRICT

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²Department of Zoology,
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BILASPUR (C.G.) INDIA

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ABSTRACT

The antagonistic potential of native fungal isolates (*Alternaria alternata*, *Cladosporium herbarum* and *Trichoderma viride*) were investigated *In vitro* for antagonistic activity against the most prevalent soil borne pathogens i.e. two fungi *Sclerotium rofsii*, *Botrytis cinerea*, and two bacteria i. e. *Xanthomonas sp.* and *Agrobacterium sp.* (Taken from phytopathology laboratory). Native Fungal isolates have shown effective inhibition on growth pattern of pathogens. Specifically two isolates (*Trichoderma viride* & *Alternaria alternata*) showed maximum inhibition. These antagonists have the properties of potential bio control agent so the isolates proved effective in controlling the pathogen *in-vitro* than the commercial formulation, indicating their superiority in the bio control of phytopathogens.

Figures: 02

References: 10

Tables: 02

KEY WORDS:- Antagonistic potential, Biocontrol, Commercial formulation, Growth inhibition, Phytopathogens

Introduction

The fungi has a large host range of 500 species in about 100 families including flowers, vegetables, cereals, plants and weeds⁷. Several chemical pesticides are used to manage plant pathogenic diseases^{1,10}. Soil born phytopathogenic fungi such as, *Rhizoctonia*, *Pithium*, cause diseases in most of the economically important plants. Sheath blight caused by *Rhizoctonia solani* is one of the most important destructive diseases of rice next to rice blast⁶. *Trichoderma sp.* which is a common saprophytic filamentous fungus in almost any soil and rhizosphere microflora, is well recognized as bio control agent against various plant pathogenic fungi. It is reported that these bioactive substance though chemically different

exhibit antagonistic property against varied bacterial and fungal pathogens³. More over fungicidal application as seed or soil treatment however has been found to be ineffective against these pathogens as the propagules are distributed in the soil and often beyond the reach of chemicals⁴. Obtaining bio-control measure through microorganisms that occur naturally in the area has been made a reality via antibiotics⁹. Biological control therefore holds a promise as a strategy, the objective for disease management and it is environment friendly too. Therefore, the aim of this paper was to found the antagonistic activities of soil inhabiting isolates against pathogenic microorganisms.



HEAVY METAL TOLIARENT SOIL MICROFLORA : A NATURAL RESOURCE OF BIOREMEDIATION

Richa Mishra¹, Asit Kumar², D.K. Shrivastava³ and B.P. Tripathi⁴

¹Department of Microbiology A.P. S.G. M.N.S. Govt. Postgraduate College, Kabirdham (C.G.)

²Department of Zoology Govt. R.V.R.S. Girls College, Kabirdham (C.G.)

³Department of Botany & Microbiology Govt. E.R.R. Postgraduate Science College, Bilaspur (Chhattisgarh)

⁴Krishi Vigyan Kendra Kawardha, Kabirdham (C.G.)

E-mail : richa.micro10@gmail.com

ABSTRACT

Soil provides mineral material on surface of earth, considerably very suitable culture medium for growth of microorganism, but due to rapid industrialization, so many undesirable substances including heavy metals are being widely distributed in the environment including soil. Soil contaminated with heavy metals, produces unhealthy food that may enter to the food chain as residual elements and may become injurious to human society. Such findings reveal a new area of study to sustain the environment. So to determine the effect of heavy metals on soil, an attempt was done to isolate stress tolerant microbes from soil mixed with different concentration of salts of heavy metal (Hg, Zn, Cu, Cd & Pb). During present investigation three heavy metal salts were selected for assessment of heavy metal tolerance both in bacteria & fungi and such tolerant microbes were isolated and identified. It was noticed that heavy metals affect the total microbial population. Fungi were found to be more tolerant to heavy metals rather than Bacteria. So these microorganisms proved to be the powerful sources for bioremediation of metal contaminated soils.

Key words : Soil, Microorganisms, Heavy metals, Soil pollution, Bioremediation.

Heavy metal contamination in the environment is a major concern because of their toxicity and threat to human life and environment. Soil facilitates various biological processes that perform significant services to the ecosystem. But due to natural and anthropogenic activities so many undesirable substances including heavy metals are being widely distributed in the environment including soil. Heavy metals exhibit toxic effects on soil microflora (Pwłowska & Charvat, 2004). Rabia shraf and Tasneem Adam Ali in 2007 studied the effects of heavy metal pollution on natural microbial communities and mung beans seed germination, Ahamad *et al.*, 2005, observed the effect of heavy metal on survival of certain groups of indigenous soil microbial population, that have attracted increased attention. Ahmed *et al.*, 2001, Hayat *et al.*, 2002, observed that heavy metal tolerance via specific group of microorganism in artificial media supplemented with heavy metal showed high tolerance. According to Ali & Wainwright, 1995, The microorganisms can also be applied to remove toxic metals from contaminated areas because they have the ability to accumulate heavy metals. Rajendran *et al.*, 2003,

studied the role of microbes in heavy metal remediation. Main objective of our present investigations is to discuss the heavy metal tolerance soil micro flora and their potential in metal remediation.

MATERIALS AND METHODS

Sample collection : The soil samples during month of September were collected from agronomic field. The field was under cultivation and has received industrial untreated waste water. Soil samples 200g each were collected in sterilized zipped polythene bags and stored at 28±2°C.

Physicochemical characterization of soil : Soil colour, pH & Moisture content all were determined using the methods described by Gupta, (2004).

Metals used in the study : Heavy metal salts i.e. CuCl₂, PbCl₂, HgCl₂, ZnSO₄, CdCl₂ were Selected for present investigation. The Soil sample was field into pots (200g/pot) and pots were amended with different concentrations of these metal salts. Control was maintained without any metal amendment.

Isolation and identification technique applied for microorganisms : Isolation was done after 15 days of incubation. Sample were serially diluted and an amount of 0.1ml from the diluted sample was spread on respective culture media, These plates were incubated at ambient temperature- 24 h for bacteria and 4-6 for fungi, Colonies were counted and CFU/g were calculated for bacteria. Pure culture was maintained on respective media. After

Control standards of heavy metal of soils :

Heavy metals	Standards mg/kg
Hg	5
Zn	600
Pb	500
Cu	200
Cd	5



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Research Journal of Pharmaceutical, Biological and Chemical Sciences

Allelopathic Effect of Cyanobacterial Strains on Phytopathogenic Bacteria.

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^{1,2} Department of Botany and Microbiology, Govt. E. Raghavendra Rao Postgraduate Science College, Bilaspur (C.G.)
³ Department of Microbiology, A. P. S. G. M. N. S. Govt. Postgraduate College, Kabirdham (C.G.)

ABSTRACT

Allelochemicals are subsets of secondary metabolites that are not required for metabolism of the allelopathic organism and their negative allelopathic effects are an important part of organism defense against antagonists. Allelopathic interactions involving cyanobacterial flora are being explored for their pharmaceutical and environmental significance. Cyanobacterial allelopathy can be regarded as one of the significant factors influencing their dominance in diverse habitats and as unique producers of a variety of allelochemicals that can be utilized as eco-friendly bio-control agents. In present work detrimental (negative allelopathy) effects of locally isolated cyanobacterial strains were evaluated against plant pathogenic three bacterial isolates (*Bacillus* sp., *Pseudomonas* sp., *Xanthomonas* sp.). It was observed that the crude extracts of four cyanobacterial isolates (*Microcystis aeruginosa*, *Oscillatoria horvathii*, *Lyngbya sphaerica* and *Nostoc caldcola*), were capable of diminishing the growth and survival of phyto-pathogenic bacterial. Whereas *M. aeruginosa* showed more allelopathic activity compared to other cyanobacterial strains. Methanol crude extracts were more efficient against *Pseudomonas* sp. (10.23 mm), *Xanthomonas* sp. (18.6 ± 0.22 mm.) as compared to *Bacillus* sp. (14.7 ± 0.14 mm). Allelopathic potentiality of cyanobacteria have need to be further investigated that can offer promising solutions in bio-control against pathogenic microorganisms.

Keywords: Allelopathy, Cyanobacteria, Phytopathogens, Crude extracts, Bio-control agents.

*Corresponding author

May - June

2017

RJPBCS

8(3)

Page No. 2361

48/43
27/11/2023 5:07:00

DIVERSITY AND SEASONAL VARIATION OF SOIL MYCOFLORA OF BILASPUR
DISTRICT OF CHHATTISGARH STATE

RICHA MISHRA^{a1}, D.K. SHRIVASTAVA^b AND ASIT KUMAR^c

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^bDepartment of Botany & Microbiology Govt. E. R. R. Postgraduate Science College, Bilaspur, Chhattisgarh, India
^cDepartment of Zoology R. V. R. S. Govt. Girls College, Kabirdham, Chhattisgarh, India

ABSTRACT

During present investigation soil samples of different categories viz; rice field soil, Crop field soil and horticultural field soil located in and around Bilaspur district was collected, from five different zones demarcating three sampling sites. Isolation, identification and characterization of fungi from various samples were done to analyze diversity and seasonal variation of soil Mycoflora. Fungi have been divided in to summer, Rainy and winter types based on their occurrence. Using various nutrient media for concerned fungi through serial dilution, spread plate technique and microscopic observation, diverse form of fungal strains were isolated. Nine fungal strains were isolated from samples collected during different seasons of year. Seasonal variation affects the diversity of soil inhabiting fungi underpins many crucial ecosystem services which support the plants and animals typically targeted by conservation efforts.

KEYWORDS: Fungal Diversity, Seasonal Variation, Soil Samples, Ecosystem Services, Conservation Efforts

The diversity and distribution of soil microorganisms has been a interesting subject for scientists over the years. Many fruitful effects of microbes in soil have been investigated (Alexander, 1971; Subba Rao and Gaur, 2000). Diversity of fungal species varies greatly within regions to regions. Distribution of fungi of particular area was affected by seasonal variations, the Number and types of fungal species changes. The climate of Bilaspur district characterized by three seasons i.e. summer, rainy and winter. Several Mycologists in India studied the Soil fungal diversity and their distribution.

The importance of mycological studies of different habitat has been recorded by Manoharachary and Murthy, 1981; Saravankumar and Kaviyaran 2010; Rane and Gandhe 2006 etc. According to Ainsworth & Bisby 1995, Fungi are an important component of soil microbiota, contributing more soil biomass than bacteria.

MATERIALS AND METHODS

The proposed study area i.e. District of Bilaspur was divided into five zones graphically. For survey and collection of samples three within each zone three category of field soil have been demarcated from all three seasons. A study was conducted in and around Bilaspur district. Soil sample was collected bimonthly for mycological analysis. Extreme care was taken at all times during the whole sampling process to ensure minimal contamination. Soil samples were collected in first week

bimonthly of the year. The soil samples are taken from a depth of 0-10 cm then soil were pooled and shaken directly into fresh polythene bags Sterilized high density polythene bags were used as sample scoop. Various media i.e. Potato dextrose agar media, Sabouraud's agar media were used for isolation using the serial dilution plate technique (Johnson & Carl 1972). Fungi were grown at 25±1°C for 5 days. Three replicates were maintained in each case. The sub cultures were carried out to purify the fungal isolates. Isolated fungal Slides were prepared by taking fungal material on slide from Petri dish with the help of forceps or needle. Fungal material was stained with lacto phenol, cotton blue. Fungi so observed were characterized and identified using appropriate taxonomic guides (Alexopoulos, C. J., Mims, C. W. Blackwell, M., 1996).

RESULTS AND DISCUSSION

During present investigation variety of fungal sp. were collected and identified. On the basis of morphological characteristics nine fungal species were observed via direct microscopic examination. Seasonal variation in fungal diversity present in different soil sources have been tabulated (Table-1) and Seasonal variation of fungal isolates were also mentioned in Table-2. The % Frequency of occurrence have been also observed and was measured in triplicate set, which mean value with ± SD have been tabulated (Table-3, Figure-1).

¹Corresponding author

Abstract

Scheduling jobs to resources in grid computing is a complicated task. An efficient job scheduling algorithm is required to reduce the total time and improve the utilization of resources in the network. The main problems in managing resources are hardware and software failures, management downtime, etc. To solve this, the PSO is introduced to simulate the social behaviour exhibited by the buzzing behaviour of particles. In this paper, a new algorithm for job scheduling, called Improved particle swarm optimization (IPSO), is proposed. The proposed algorithm generates a velocity vector that is used to point out that the direction of the particles is updated. Therefore, it refines and improves the efficiency of the execution of the jobs. The accuracy of the solution and guarantees the load balancing of the resources. The proposed work has been simulated with the help of a software tool called OptorSim. It has been shown that our proposed algorithm provides an effective solution for planning and scheduling jobs in a grid network.

Keywords

Grid computing, Job scheduling, Computational grid, Particle Swarm Optimization, OptorSim.

1. Introduction

Recent research on computer technology has followed the emergence of a replacement computing paradigm called Grid computing. A resource within the grid computing environment are some things that are necessary to prevent the associated operations, such as a processor used for processing. The adjustment of the resources of the computational grid is responsible for the innovation of resources and assignment of an activity to a particular resource. In general, it is easy to obtain information on the ability to process data from the available resource [1, 2]. The current IT industry is operating with very large amounts of data using additional processing power and high data storage volumes. Grid computing is proposed as an effective resource management for an organization, since it involves the use of resources from different spaces, from different owners and different individual performance of jobs [3, 4].

* Author for correspondence

"रूठ रिक्वीयुअरी काला क आथोजन"

आंतरिक परिवार समिति द्वारा विनांक प्रवर्थाण के रूठ रिक्वीयुअरी काला क आथोजन महाविद्यालय में किया गया जिसमें महिलाओं के कामस्थल पर लिंग अपीडन (निवारण, प्रतिषेध एवं प्रतिरोध) विषय पर समिति के विविध सदस्यों द्वारा व्याख्यान किया गया जिसमें महाविद्यालय के संगठन महिला कर्मचारी एवं कर्मचारी एवं छात्राओं ने भाग लिया।

प्राचार्य:-

आयोजक :- Mrs. Richa Mishra
पीठालीन कर्मचारी

- 1) श्रीमती अंजली देवी
- 2) श्रीमती मधु-भट्ट

- 3) डॉ. ललित शर्मा अध्यक्ष अखिल काला समिति
- 4) डॉ. शर्म. कुं. शर्म. लक.
- 5) श्रीमती - स्वेच्छा सिंह परिवार प्रभो. लक.
- 6) आकांक्षा विश्वकर्मा अति. व्याख्याता आं. शां.
- 7) स्वाति श्रीनी अति. व्याख्याता व. शां.
- 8) श्रीमती प्रमोला वैकुण्ठ. शर्मा. गै. शां.
- 9) सुमन वायसवाल अति. व्याख्याता इतिहास
- 10) Dr. Bhanu Dr. Bhavana Shrivastava.
- 11) Dr. B. K. Sankar
- 12) Smt. Meenu Thakur (Lab. Att)
- 13) Dr. Sushama Mishra (Asst. Prof. of English)

" अनिधि व्याख्यान का आयोजन "


आज दिनांक 14.02.2017 को माइक्रोबायोलॉजी विभाग के B.Sc. एन विद्यार्थियों हेतु "Infection and Immunity" विषय पर अनिधि व्याख्यान का आयोजन किया गया इस हेतु स्मॉल व्यूनि के रूप में डॉ. शारदा पाण्डेय (माइक्रोबायोलॉजी एवं बायोटेक्नोलॉजी विभागाध्यक्ष) भिलाई महिला महाविद्यालय को आमंत्रित किया गया। जिसमें B.Sc. एन वर्ष माइक्रोबायोलॉजी के समस्त विद्यार्थी उपस्थित एवं लाभान्वित हुए।

Dr. Bhawana Pandey
HOD Biotechnology and Microbiology
Bhilai Mahila Mahavidyalaya, Bhilai

All the students and teachers are very supportive and wonderful. Hospitality is very nice. Students are very intelligent and hard working. All the best for their future.

(Dr. Bhawana Pandey)

S.N.	student name	Roll No.
1.	Ned prakash	B.Sc. III
2.	Darath	- - -
3.	Tukeshwar	- - -
4.	Dikesh	- - -
5.	Kaveri Verma	- - -
6.	Vijendra kumar	- - -
7.	Aakansha	- - -
8.	Shardha Namdev	- - -
9.	Achish kumar	- - -
10.	Bineshwari	- - -
11.	Suril kumar	- - -
12.	Kush kumar	- - -
13.	Gokul ram	- - -
14.	Dinesh	- - -
15.	Deepak kumar	- - -
16.	Narayan Das	- - -
17.	Rajkumar	- - -
18.	Jaya chauhan	- - -
19.	Suresh merari	- - -
20.	Veersen Patre	- - -


W.O. D

कायालय प्राचाय, २०१७ (५) (viii) (b) (42)
आचार्य पंथ श्री गूंध मुनि नाम साहेब, शासकीय स्नातकोत्तर
महाविद्यालय कवर्धा, जिला-कबीरघाम(छ0ग0)

कमांक 158/2017

कवर्धा दिनांक- 15/2/2017

प्रति,

डॉ. भावना पाण्डेय
माईकोबायोलॉजी विभाग
भिलाई महिला महाविद्यालय
कबीरघाम (छ0ग0)

विषय :- अतिथि व्याख्यान हेतु।
महोदया,

विषयांतर्गत लेख है, कि इस महाविद्यालय में माईकोबायोलॉजी विभाग द्वारा
'Selection V/S Screening' विषय पर अतिथि व्याख्यान का आयोजन किया जाना है।
इस हेतु स्रोत व्यक्ति के रूप में दिनांक 17.02.2017 को उपस्थित होने का कष्ट करें।

पृ0कमांक...../2017

प्रतिलिपि :-

1. प्राचार्य, भिलाई महिला महाविद्यालय को सूचनार्थ सम्प्रेषित।

Ashwastara
प्राचाय
आचार्य पंथ श्री गूंध मुनि नाम साहेब
शासकीय स्नातकोत्तर महाविद्यालय कवर्धा
जिला-कबीरघाम (छ0ग0)
कवर्धा दिनांक-.....

Ashwastara
प्राचाय
आचार्य पंथ श्री गूंध मुनि नाम साहेब
शासकीय स्नातकोत्तर महाविद्यालय कवर्धा
जिला-कबीरघाम (छ0ग0)

Session - 2016-17

शैक्षणिक प्रदर्शन का आयोजन

आज दिनांक 21.11.16 को विज्ञान संकम के छात्र-छात्राओं हेतु शैक्षणिक प्रदर्शन का आयोजन विज्ञान संकम परगनी श्रीमती सपना मिश्रा उच्च विद्यालय, उच्च हेतु प्रातः 11:30 को विज्ञान संकम (MSc Biotek, BSc Micro, Plant & Biotech) के छात्र-छात्राओं को "कृषि विज्ञान केंद्र" गंगानेवाड़ी, कवर्धा जिला कवीरखाना (छ.ग.) ले जाया गया जिसमें निम्न छात्र-छात्राओं ने अपनी सहायिता की तथा विविध कृषि तकनीक एवं उनकी उपयोगिता सेलाजित हुई।

Name of Students :

- | | | | |
|------|---------------|-------------------|---------------|
| (1) | Kailash | - BSc II Biotek. | |
| (2) | Toran | " | |
| (3) | Dageshwar | " | |
| (4) | Vijendra | - BSc III (Micro) | <u>Issel</u> |
| (5) | Deepak | - BSc III Micro | <u>Shawar</u> |
| (6) | Kush Kumar | - " | <u>Kk</u> |
| (7) | Gokul Sahu | - " | <u>Arora</u> |
| (8) | Suresh Meheri | - " | |
| (9) | Dikesh | - " | |
| (10) | Umesh | - " | |

Guest Lectures

Page No.
Date

सत्र दिनांक 18/11/2016 जी. जी.
कॉलेज लखी - M.S.G.T SEM and
M.Sc. उच्च छात्र - छात्राओं को
अतिथि व्यवधान का आयोजन
किया गया था - इसके मागदशन
DR K.P. Kori डॉ. - प्रो. कमल कुमार
मिशा के द्वारा सम्पन्न में व्याख्यान दिया गया।
(Signature)

18/11/2016

18/11/2016

छात्र

हस्ताक्षर

- लव कुमार वर्मा
- हेमराज पटेल
- नरेश साहू
- प्रतिष्ठा श्रीवास्तव
- नरेश साहू
- गोविंद साहू
- शकुंतला लहर
- पुनीलाल चंद्रवंशी
- सुनील चंद्रवंशी
- सुबोध पटेल
- यस्मीन शेख
- दुर्गेश्वर देवी राठीर
- विक्रम गणपारे
- गीतेश्वरी साहू
- ममिता साहू
- दीपिका परिवार
- यात्री तामुकार
- नमता शेखी
- संजली चंद्रवंशी

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शु-चोखरी मेश्रम

बब्राम साह

सत्यवती चन्दवशी

चन्द्रप्रभा

अमिता बंजारे

इश्वरी शकुंरे

अजना धुव

तुवसी ठाडुर

मनी बाह्यारी

झांझनी वर्मा

सुश्री देवीराव

केवन्ड निवारी

श्रीहरा लिबगात

हृदयना

रामा रेवागत

विद्या

विठाळ

विश्वेश

हमलता, वर्मा

सहविद्यार्थी व अतिथि
कार्यक्रम का हुआ आयोजन
आजकल, अत्यन्त तेज से चल
रहित भारतीय समाजोत्तर
सहविद्यार्थी व अतिथि को
प्रायोगिक विभाग में अतिथि
कार्यक्रम का आयोजन किया
गया, जहाँ सहविद्यार्थी अन्त
सहविद्यार्थी के अतिथि अतिथि
कुमार विद्या के द्वारा
इन्फोरमेटिव विभाग पर अवलोकन
दिया गया, इस अवसर पर
विभाग प्रमुख श्री. अरुण विद्या,
विभागाध्यक्ष श्री. अश्वी शकुंरे
सहविद्यार्थी के प्रथम व तुल्य
सहविद्यार्थी के सार-सार
उपस्थित थे।

Shri. Madhavi
Lal

Saurabh

Chaitany

Ranajy

Proputi

Shivam

Chaitanya

Shri. Jyoti

Shri. Jyoti

Shri. Jyoti

Shri. Jyoti

Shri. Jyoti

Shri. Jyoti

Seema

Ujjwal

Ujjwal

Aishwarya

Huema

प्रो. अमित शर्मा भिक्षु "अभिनव अभिनव"





म. [7, 8, 9 - National Seminar]
अंतरगत [10]



2022/1/29

इंदिरा गाँधी कृषि विश्वविद्यालय
कृषि विज्ञान केन्द्र, कवर्धा
जिला - कबीरधाम (छ.ग.)

फोन नं 07741 299124, ई-मेल. kvkkawardha@yahoo.in

क./का.स./कृ.वि.के./वी.टी.पी./2016-17/

कवर्धा, दिनांक: /02/2017

// आदेश //

मुख्यमंत्री कौशल विकास योजनांतर्गत कृषि विज्ञान केन्द्र, कवर्धा अंतर्गत में फल एवं सब्जी परिष्करण (AGR - 138) विषय पर प्रशिक्षण दिया जाना है। जिसके लिए 1 बैच तैयार किया जा चुका है। नियमानुसार प्रतिदिन 4 घंटे का प्रशिक्षण कार्यक्रम है। प्रशिक्षण दिनांक 13.02.2017 से 1 बैच (20 प्रशिक्षणार्थी) का प्रशिक्षण प्रातः 11 से 3 बजे तक निर्धारित किया गया है। जिसमें थ्योरी तथा प्रैक्टिकल क्लास संपादित किया जाना है। कृपया प्रशिक्षण हेतु समय पर उपस्थित होकर दर्शित विषय पर प्रशिक्षण कार्य संपादित करने का कष्ट करेंगे।

क्र.	दिनांक	नाम	पदनाम	विषय
1	13.02.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Introduction and Importance of VTP Programme.
2	14.02.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Produce, Jam using sugar preservatives Pack, bottle and label according to regulations (Theory)
3	15.02.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Prepare the stuff for Murabbas according to weight and proportions Murabbas- cleaning, soaking pricking (Theory)
4	16.02.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Pack, bottle and label according to regulations (Theory)
5	17.02.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Criteria for selection of fruits, vegetable, chemicals and raw materials for Producing Jam. Proportion of chemical and raw materials required. Equipment and tools used. (Practical)
6	18.02.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Methods of preparation of murabba in right sequence. Reasons for spoilage, remedies and quality check. Dos and Don'ts. Quality check to be carried out. Packing, bottling and labeling procedures. (Practical)
7	19.02.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Reasons for Spoilage of jam, jelly, murabbas and syrup. remedies and quality check (Theory)
8	20.02.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Safety precautions, use of protective clothing and elementary first aid. (Theory)
9	21.02.2017	डॉ. बी. पी. त्रिपाठी डॉ. आर. एम. यादव	कार्यक्रम समन्वयक सहायक प्राध्यापक	Importance of personal cleanliness & Hygiene (Theory)
10	22.02.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Reasons for carrying out good housekeeping practices (Theory)
11	23.02.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Functions and uses of various tools, equipment and selection and correct use of tools and equipment for Cold Storage (Theory)
12	24.02.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Use of protective clothing and boots (Practical)

29	13.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Prepare the stuff for Syrups according to weight and proportions Jelly-cleaning, boiling, pectin, extraction
30	14.03.2017			Field Visit
31	15.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Prepare the stuff for Syrups according to weight and proportions Syrups-mixing (rose and khus)
32	16.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Criteria for selection of fruits, vegetable, chemicals and raw materials for Producing Jelly and Syrups. Proportion of chemical and raw materials required. Equipment and tools used.
33	17.03.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Methods of preparation of syrups in right sequence. Reasons for spoilage, remedies and quality check. Dos and Don'ts. Quality checks to be carried out. Packing, bottling and labeling procedures.
34	18.03.2017	श्रीमति प्रमिला कांत डॉ. ऋचा मिश्रा	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Prepare vinegars (Vinegars: synthetic, fermented vinegar, fruit vinegar) Theory
35	19.03.2017	श्रीमति प्रमिला कांत डॉ. ऋचा मिश्रा	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Different types of vinegars and methods of vinegar production (Practical)
36	20.03.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Factors involved in producing good quality vinegar (Practical)
37	21.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Prepare products from wastes e.g. Vinegar from pineapple waste, pectin from citrus wastes.(Theory)
38	22.03.2017	श्रीमति प्रमिला कांत डॉ. ऋचा मिश्रा	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Vinegar and protein isolate mango kernel, starches.(Theory)
39	23.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Processing techniques for proper utilization of wastes from fruits and vegetable.(Practical)
40	24.03.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Identify tools, equipments and materials used in Cold Storage system. Store /lay and use materials at work in safe manner (Practical)
41	25.03.2017	श्रीमति प्रमिला कांत श्री बी. एस. तोमर	विषय वस्तु विशेषज्ञ उद्यान अधीक्षक	Use and store tools and equipments in a safe manner (Practical)
42	26.03.2017	श्रीमति प्रमिला कांत श्री बी. एस. तोमर	विषय वस्तु विशेषज्ञ उद्यान अधीक्षक	Select proper tools, equipment and material for a particular task (Practical)
43	27.03.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Check quality of raw materials as per standards (Materials: fruits, vegetables, sugar, salt, vinegar.) (Practical)
44	28.03.2017	श्रीमति प्रमिला कांत श्री बी. एस. परिहार	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Criteria for selection of fruits and vegetables for preservation. Estimate of weight, measures, ratio and proportion. Different methods of preservation used for domestic and industrial purposes. (Theory)
45	29.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Advantages and limitations of each method. Equipment and tools used safety precautions to be taken. Dos and Don'ts during preservation. Quality checks to be carried out. Packing and labeling procedures.
46	30.03.2017	श्रीमति प्रमिला कांत श्री बी. एस. परिहार	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Preserve seasonal fruits and Vegetables using various methods (practical)
47	31.03.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Pack and label according to regulations (Practical)

48	01.04.2017	इजी टी.एस सोनधानी श्रीमति प्रमिला कांत	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Maintenance and care of equipment
49	02.04.2017	बी बी पी त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	List out the materials required to produce a given product
50	03.04.2017	श्रीमति प्रमिला कांत श्री बी.एस. परिहार	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	estimate cost of materials required
51	04.04.2017	श्रीमति प्रमिला कांत श्री बी.एस. परिहार	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Estimate man power and time required for completing the work
52	05.04.2017			Field Visit
53	06.04.2017	टी. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत श्री बी.एस. परिहार	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Make a comparative study of the rates of other suppliers. Prepare a label according to requirement.
54	07.04.2017	श्रीमति प्रमिला कांत श्री बी.एस. परिहार	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Estimate labour cost, overheads and cost of utilities (Power, water)
55	08.04.2017	श्रीमति प्रमिला कांत श्री बी.एस. परिहार	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Estimate the total cost involved in production of a product
56	09.04.2017	श्रीमति प्रमिला कांत श्री बी.एस. परिहार	विषय वस्तु विशेषज्ञ विषय वस्तु विशेषज्ञ	Identify the possible agencies and other customers, who can purchase.
57	10.04.2017	श्रीमति प्रमिला कांत टी. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्रशिक्षक	Maintenance and care of equipment
58	11.04.2017	श्रीमति प्रमिला कांत टी. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्रशिक्षक	Check quality of raw materials as per standards (Materials: fruits, vegetables, sugar, salt, vinegar)
59	12.04.2017	श्रीमति प्रमिला कांत टी. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्रशिक्षक	Estimate the total cost involved in production of a product
60	13.04.2017	श्रीमति प्रमिला कांत टी. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्रशिक्षक	Estimate the total cost involved in production of a product

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कार्यक्रम समन्वयक
कर्मचारी, दिनांक: 01/02/2017

पु. क./का.स./कृ.वि.के./बी.पी.पी./2016-17/716

प्रतिनिधि सूचनार्थ

- कलकत्ता जिला - कबीरधाम (छ.ग.)
- निदेशक विस्तार सेवाएं, इंदिरा गांधी कृषि विश्वविद्यालय, लखनऊ (छ.ग.)
- सहायक संचालक, जिला कौशल विकास प्राधिकरण, जिला - कबीरधाम (छ.ग.)
- अधिष्ठाता, सत कबीर कृषि महाविद्यालय एवं अनुसंधान केंद्र, कलकत्ता (छ.ग.) को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
- प्राध्यापक, आचार्य ए. श्री गृध्रमुनि नगर, साहब महाविद्यालय, कलकत्ता (छ.ग.) को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
- सहायक संचालक, उद्यान, जिला - कबीरधाम (छ.ग.) को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
- संबंधित श्रीमति/श्री/कु/टी. श्रीमति - सहायक प्रशिक्षक
- लेखा शाखा/सहायक शाखा, कृषि विज्ञान केंद्र, कलकत्ता (छ.ग.)

कार्यक्रम समन्वयक
कृषि विज्ञान केंद्र, कलकत्ता

13	25.02.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Maintain personal cleanliness & Hygiene out basic first aid treatment/notifying accident Practice fire safety measures (Practical)
14	26.02.2017	श्री बी. एस. तोंबर श्रीमति प्रमिला कांत	उद्घान अवीक्षक विषय वस्तु विशेषज्ञ	Apply good house keeping practices, proper handling of materials and disposal of waste, follow statutory regulations for Cold Storage (Practical)
15	27.02.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Prepare the stuff for Squash, Sauces, Chutneys according to weight and proportions. (Theory)
16	28.02.2017	डॉ. बी. पी. त्रिपाठी डॉ. आर. एम. यादव	कार्यक्रम समन्वयक सहायक प्राध्यापक	(Squash-cleaning, peeling Sauces-cleaning, boiling, chutneys-cleaning, peeling, cutting) (Theory)
17	01.03.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Produce Squash, Sauces, Chutneys using chemical preservatives Pack, bottle and label according to regulations (Theory)
18	02.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Criteria for selection of fruits, vegetable, chemical and raw materials for producing Squash, Sauces, Chutneys. Proportion of chemical and raw material required. (Practical)
19	03.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Equipment and tools used. Methods of preparation Squash, Sauces, Chutneys in right sequence. Remedies for spoilage, remedies and quality check. (Practical)
20	04.03.2017	डॉ. बी. पी. त्रिपाठी श्रीमति प्रमिला कांत	कार्यक्रम समन्वयक विषय वस्तु विशेषज्ञ	Dos and Don'ts. Quality checks to be carried out Packing, bottling and labeling procedures. (Practical)
21	05.03.2017	डॉ. बी. पी. त्रिपाठी डॉ. भावना श्रीवास्तव	कार्यक्रम समन्वयक सहायक प्राध्यापक	Prepare pickles of fruits and vegetables using vinegar, salt as preservatives as well as without oil. (Theory)
22	06.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Seasonal fruits and vegetables suitable for making pickles. Criteria of selection of fruits and vegetable for making pickles. Quantity and proportion of raw materials for different pickles
23	07.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Equipment and tools used. Methods of preparation pickles. Dos and Don'ts. Quality checks to be carried out. Packing, bottling and labeling procedures. (Theory)
24	08.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Criteria for selection of fruits, vegetable, chemical and raw materials for producing pickle and syrups (Practical)
25	09.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Proportion of chemical and raw material required equipment and tools used. (Practical)
26	10.03.2017	डॉ. भावना श्रीवास्तव डॉ. अरुण मिश्रा	सहायक प्राध्यापक सहायक प्राध्यापक	Dos and Don'ts. Quality checks to be carried out Packing, bottling and labeling procedures. (Practical)
27	11.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Importance and methods of storage, packaging and bottling
28	12.03.2017	श्रीमति प्रमिला कांत डॉ. आर. एम. यादव	विषय वस्तु विशेषज्ञ सहायक प्राध्यापक	Selection and methods of sterilization of bottles

Academic visit

मानव विभाग 21/10/2015 को सी.पी.सी.
बहालविद्यालय मधुवा के रॉ. एल.सी. Zoology
के छात्र/छात्राओं द्वारा अखिल भारतीय बहालविद्यालय
को श्रद्धांजलि दिया गया जिसमें Aquaculture
के सम्बन्ध में जानकारी प्राप्त किया
बहालविद्यालय के छात्र/छात्राओं का नाम

S.No -	Name of student	Signature
01	नवद साहू (M.Sc.-I Sem)	<u>Navad</u>
02	लेखनाथ वर्मा (M.Sc.-I Zoology)	<u>Leখনাথ</u>
03	लोखन साहू	<u>Loখন</u>
04	नसरीन खान	<u>Nasrin</u>
05	भोगिका सिंह	<u>Bhogika</u>
06	काजल साहू	<u>Kajal</u>
07	शाहिन परविन	<u>Shahin</u>
08	अर्जुना द्युर्वे	<u>Arjuna</u>
09	अनिता पन्नाम	<u>Anita</u>
10	आरती चन्द्रवर्मा	<u>Arati</u>
11	लव कुमार वर्मा	<u>Lav</u>
12	प्रीति शीवारत्नव	<u>Priyati</u>
13	नेमकुमार साहू	<u>Nemku</u>
14	गोविन्दा साहू	<u>Govinda</u>
15	नजमुद्दीन खान	<u>Najmu</u>
16	सहजोती दास	<u>Sahjoti</u>
17	वंदना हाकुर	<u>Vandana</u>
18	रुचिका साहू	<u>Ruchika</u>

Conducted by
Ruchika
Chakraborty