



**B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE**

BLDEA New Campus, Shri B. M. Patil Road (Solapur Road), Vijayapur-586103
Accredited with CGPA of 2.99 at 'B' Grade in 4th Cycle by NAAC
(Affiliated to Rani Channamma University, Belagavi)



Date:05/08/2024

DEPARTMENT OF BOTANY

STUDENT SEMINAR 2023-24

NOTICE

Its hereby inform all the Bsc 4th Sem students, that following list of participants will be presenting seminar with allotted topics. All the students are informed to attend the seminar sessions without fail.

Sl.No	Name of the student	Topic allotted	Date of seminar
1	Aishwarya	Water quality indicators and control of water pollution.	12/08/2024
2	Krutika Purohit	Major Indian scientists, contribution and ecological levels of organization.	12/08/2024
3	Sunaina Naaz Indikar	Ecological pyramid and energy flow in ecosystem.	12/08/2024
4	Akshata Patil	SDG's in biodiversity, values of biodiversity, ecological and asthetic value.	12/08/2024
5	Aishwarya Patil	Soil Pollution.	13/08/2024
6	Yashoda Solanki	Ecosystem.	13/08/2024

HEAD

Department of Botany
S.B Arts & KCP Science College
VIJAYAPUR-586103.

Principal,
S.B.Arts & K.C.P. Science College,
VIJAYAPUR.

DEPARTMENT OF BOTANY

DATE:12/08/2024

[illegible]

S.B.Arts & K.C.P. Science College
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DEPARTMENT OF BOTANY

DATE:13/08/2024

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OUTCOME

Department of Botany have conducted seminar for advanced learners. 24 students have been selected as advanced learners. Among them 6 learners have participated seminar and improved in different skills like presentation, communication, discussion, questioning and listening etc. List of participants have given below with allotted topics.

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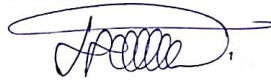
IQAC, Co-ordinator

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Vijayapur.

Principal,

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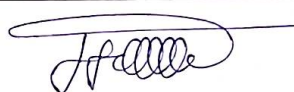
B.L.D.E.A's S.B ARTS AND K.C.P SCIENCE COLLEGE VIJAYAPUR DEPARTMENT OF BOTANY SEMINAR BY STUDENTS	B.L.D.E.A's S.B ARTS AND K.C.P SCIENCE COLLEGE VIJAYAPUR DEPARTMENT OF BOTANY SEMINAR BY STUDENTS
Name of the student: <u>Aishwarya</u> Class: <u>IVth</u> Sem Date: <u>12/08/24</u> Time: <u>02pm - 03pm</u> No. of students present: <u>13</u>	Name of the student: <u>Krutika Purohit</u> Class: <u>IVth</u> Sem Date: <u>12/08/24</u> Time: <u>02pm - 03pm</u> No. of students present: <u>13</u>
Topic: <u>Water Quality indicators and Control of water pollution.</u>	Topic: <u>Major Indian scientists, contribution & ecological levels of organization.</u>
Remarks: <u>good</u>	Remarks: <u>good</u>
Staff in charge: <u></u>	Staff in charge: <u></u>


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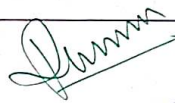

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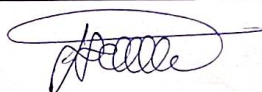
B.L.D.E.A's S.B ARTS AND K.C.P SCIENCE COLLEGE VIJAYAPUR DEPARTMENT OF BOTANY SEMINAR BY STUDENTS	B.L.D.E.A's S.B ARTS AND K.C.P SCIENCE COLLEGE VIJAYAPUR DEPARTMENT OF BOTANY SEMINAR BY STUDENTS
Name of the student: <u>Sunaina naaz Indikar</u> Class: <u>IVth Sem</u> Date: <u>12/08/24</u> Time: <u>02pm - 03pm</u> No. of students present: <u>13</u>	Name of the student: <u>Akshata Patil</u> Class: <u>IVth Sem</u> Date: <u>12/08/24</u> Time: <u>02pm - 03pm</u> No. of students present: <u>13</u>
Topic: <u>Ecological pyramids & energy flow in ecosystem.</u>	Topic: <u>SDE's in biodiversity, values of biodiversity, ecological & Asthetic value</u>
Remarks: <u>Good</u>	Remarks: <u>Good</u>
Staff in charge: <u></u>	Staff in charge: <u></u>


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B.L.D.E.A's S.B ARTS AND K.C.P SCIENCE COLLEGE VIJAYAPUR DEPARTMENT OF BOTANY SEMINAR BY STUDENTS	B.L.D.E.A's S.B ARTS AND K.C.P SCIENCE COLLEGE VIJAYAPUR DEPARTMENT OF BOTANY SEMINAR BY STUDENTS
Name of the student: <u>Aishwarya Patel</u> Class: <u>IVth</u> Sem Date: <u>13/08/24</u> Time: <u>02pm - 03pm</u> No. of students present: <u>11</u>	Name of the student: <u>Yashoda Solanki</u> Class: <u>IVth</u> Sem Date: <u>13/08/24</u> Time: <u>02pm - 03pm</u> No. of students present: <u>11</u>
Topic: <u>Soil Pollution</u>	Topic: <u>Ecosystem</u>
Remarks: <u>Good</u>	Remarks: <u>Good</u>
Staff in charge: <u>[Signature]</u>	Staff in charge: <u>[Signature]</u>


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DEPARTMENT OF BOTANY

STUDENT SEMINAR

TOPIC: SDGs in Biodiversity, values of Biodiversity
Ecological & Aesthetic value

Seminar Presented by:

NAME OF STUDENT : Akshata. D. Patil.
CLASS : B.Sc IVth Sem.
UUCMS NUMBER : 015KM2250307
SEMINAR DATE : 12-08-2024

TEACHER INCHARGE

Krishna. Mandia.

Nivedita Bradar -

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SDG's in biodiversity & values of biodiversity - Ecological & aesthetic values.

SDG's in biodiversity:

- SDG refers to sustainable development goal.
- It was brought in United Nation Conference on sustainable development.
- The main agenda of this to protect & restore & promote sustainable use of terrestrial ecosystem. sustainably managing forest, reducing deforestation & fight against desertification.

Values of biodiversity.

Ecological Value / Roles:

Ecological value / Role includes.

i. species diversity:

- In a given large ecosystem which biotic & abiotic components interact & bring circulation, transformation & accumulation of energy & matter.
- And the species / community has got the range of tolerance towards the physical & biological environmental conditions of habitat. this is referred as ecological amplitude.

i) Coexistence:

Species occurring in particular area / habitat not in isolation but coexist with mutual adjustment.

Types.

- i. Exploitation
- ii. Mutualism.
- iii. Competition.
- iv. Neutralism.

ii) Interdependency:

The different species within a community are found in abundance. live under similar environmental conditions & are interdependent on each other.

iii) Species dominance:

Not all the species of community are found in abundance. Only few species are abundant either in number or in biomass. The species that are most common & abundant & contain maximum biomass are known as dominants.

iv) Stratification:

In a plant community, the different plant species are represented by trees, shrubs, herbs etc. These plants form more or less, distinct strata or layers in vertical as well as horizontal planes known as dominants.

Aesthetic Values:

- The beauty of our planet is because of biodiversity which otherwise would be resembled like other barren planets dotted around universe.
- Biological diversity adds to the quality of the life and beauty of landscapes. Humans are also attracted towards the biologically rich regions.
- People go to far off places to enjoy the natural surroundings and wild life. This type of tourism is referred as ecotourism. which has become major source of income to many countries.
- Eco tourism ex: wild life sanctuaries, National Parks, trekking, safaris.



Student Seminar
Department of Botany
12/08/2024 15:00
16.86859°, 75.71189°
581.0m
2000m

SB Arts & KCP Science College
Sy No.142, Butnal Village, Solapur Road, Vijayapura, Karnataka 586103, India
GMT +05:30

 SURVEY
CAMERA



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DEPARTMENT OF BOTANY

STUDENT SEMINAR

TOPIC: WATER QUALITY INDICATORS . AND
CONTROL OF WATER POLLUTION.

Seminar Presented by:

NAME OF STUDENT : AISHWARYA .

CLASS : BSC IV .

UUCMS NUMBER : U15KM22S0295

SEMINAR DATE : 12/08/2024 .

TEACHER INCHARGE


(N. R. Biradua)



Krishna M



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DEPARTMENT OF BOTANY

STUDENT SEMINAR

TOPIC: Major indian scientists contributions
and ecological levels of organism

Seminar Presented by:

NAME OF STUDENT : Krutika. Purohit
CLASS : B.Sc IV Sem
UUCMS NUMBER : UJSKM22S0003
SEMINAR DATE : 12/8/2024

TEACHER INCHARGE :- Nivedita. Mam
Krishna. Sir






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DEPARTMENT OF BOTANY

STUDENT SEMINAR

TOPIC: Ecological pyramid and
energy flow in ecosystem

Seminar Presented by:

NAME OF STUDENT : Shunain naaz Indikar
CLASS : 4th sem bsc
UUCMS NUMBER : U15KM22S0135
SEMINAR DATE : 12-08-2024

TEACHER INCHARGE


(N. R. B. B. B.)


Krishna



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DEPARTMENT OF BOTANY

STUDENT SEMINAR

TOPIC: SOIL POLLUTION

Seminar Presented by:

NAME OF STUDENT : Aishwarya patil
CLASS : B.Sc IV Sem
UUCMS NUMBER : U15KM92250304
SEMINAR DATE : 13/08/2024

TEACHER INCHARGE

Mr. Krishna Mandla Sir

Miss. Nivedita Biradar Mam :

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DEPARTMENT OF BOTANY

STUDENT SEMINAR

TOPIC: Ecosystem

Seminar Presented by:

NAME OF STUDENT : Yashoda solanki
CLASS : 4th sem
UUCMS NUMBER : U15KM22S0104
SEMINAR DATE : 13-08-2024

TEACHER INCHARGE


N.R. Biradas


Krishna M



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