

Graphical Presentation of Various Student Centric Activities

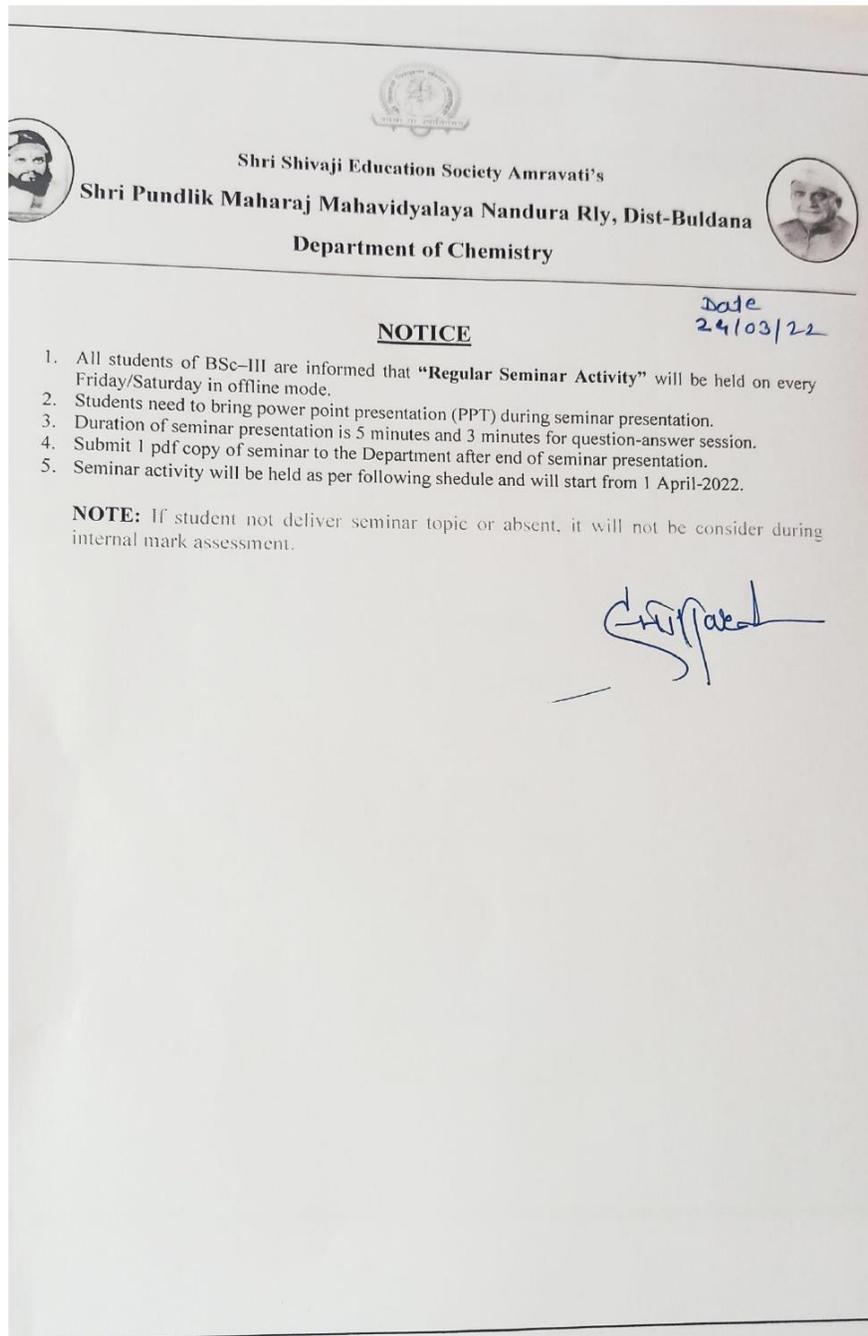


Department of Botany visited filed on 05/01/2022

Department of Botany organized one day field visit for collection of fungal and microbial diseases on 05/01/2022. Crop field was selected for collection. Students were exposed to plant kingdom in natural habitat. The student get practical experiential knowledge about different varieties of plants and collected different fungal and microbial diseases.



Seminars Conducted by Various Departments



Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)



Shri Shivaji Education Society Amravati's
Shri Pundlik Maharaj Mahavidyalaya Nandura Rly, Dist-Buldana

Department of Chemistry

Session- 2021-2022

Seminar Schedule

Class: BSc-III



Sr. No.	Name of Student	Seminar Topic	Date
1	Aaliya Nazeer Shaikh Nazeer	Stability of the complexes and Factors affecting the Stability	09/04/2022
2	Abhidnya Devendra Narwade	Types of Reaction of Coordination Compounds	16/04/2022
3	Abhishek Rajendra Shingote	Labile and Inert Complexes and Factors affecting Lability of Complexes	16/04/2022
4	Afra tarah Mohammad Sadiq	Electromagnetic Radiation and Laws of Light Absorption	16/04/2022
5	Ajay Anil Wankhade	Technique of Colorometry and Spectrophotometry	16/04/2022
6	Akash Gopal Gawande	Determination of Concentration of Unknown Solution of Metal Ion	16/04/2022
7	Alfiya Ishrat Ayyub Khan	Silicon Polymers	09/04/2022
8	Amol Vijay Jumde	The technique of Paper Chromatography	16/04/2022
9	Ankita Vijay Wankhade	Organometallic Compounds and their Classification	09/04/2022
10	Anuradha Omprakash Bhojane	Metal Carbonyls	09/04/2022
11	Arshad Ahmed Khan Ansar Ali Khan	EAN Rule in Metal Carbonyls and Structure of Carbonyls on the basis of VBT	16/04/2022
12	Arshiya Parveen Sayyed Rashid	Inorganic Polymers and their Classification	09/04/2022
13	Farhin Anjum Sk Aarif	Silicon Polymers	16/04/2022
14	Gautam Gajanan Ingle	Phosphonitric Halide Polymers	16/04/2022
15	Gulnaz Parveen Abdul Sattar	Types of Electronic Transition	01/04/2022
16	Husna Aara Mohammad Haroon	Bioinorganic Chemistry	01/04/2022
17	Jayashri Vijay Ghanokar	Metalloporphyrins	09/04/2022
18	Ghanokar Kartiket Laxman	Types of Reaction of Coordination Compounds	09/04/2022
19	Khan Musharra Javed Ali Khan	Terms used in UV Spectroscopy and Effect of Solvent	16/04/2022
20	Khansa Waliya Akbar Khan	Woodward Fischer Rules	09/04/2022
21	Khushuma Aafrin Mohammad Fayaz	Non-Essential Elements	01/04/2022
22	Krushna Rajesh Gawande	Principle of IR Spectroscopy and Instrumentation	16/04/2022
23	Mohammad Azim Shaikh Maheboob	Types of vibration modes and Fundamental Modes of Vibration	23/04/2022
24	Mohammad Gazi Nazeer Ahmad Qureshi	Spectral Range in IR and Structure Elucidation of Organic Compounds	23/04/2022
25	Mohammad Umair Farooque Mohammad Rafique	Principle of NMR Spectroscopy and Experimental Method	23/04/2022
26	Mohd Rehan Sk Rashid	Information from Spectrum	23/04/2022
27	Mukhtar Khan Ashfaq Khan	Chemical Shift, NMR Spectrum and Molecular Structure	23/04/2022
28	Nilesh Murlidhar Sitre	Principle of Mass Spectrometry and their instrumentation	23/04/2022
29	Nilesh Nivrutti Lande	Various ion sources used in Mass Spectrometer	23/04/2022
30	NITIN DNYANESHWAR GHANOKAR	Fragmentation, fragment ions, and rules of fragmentation	23/04/2022
31	Pavan Rameshwar Ingle	Principle of Electronic Spectroscopy and their Instrumentation	23/04/2022
32	Pooja Ramesh Raut	Applications of Mass Spectrometry	23/04/2022
33	Pranav Baliram Deokar	Classical Mechanics and Quantum Mechanics	23/04/2022
34	Puja Duryodhan Ingle	Planck's Quantum Theory and Photoelectric Effect	23/04/2022
35	Rouziya Ruhil Abdul Mannan	Compton Effect and de Broglie's Hypothesis	30/04/2022
36	Rekha Gajanan Gawhad	Heisenberg's Uncertainty Principle	30/04/2022
37	Sabaafreen Sayyed Khalil	Schrodinger Wave Equation	30/04/2022
38	Sadiya Iram Ayyub Khan	Electronic Spectroscopy	01/04/2022
39	Saima Tabassum Mohammad Jameel	The energy of Particle in 1-Dimensional Box and 3-Dimensional Box	30/04/2022
40	Sanket Jagannath Thakare	Concept of atomic orbitals	01/04/2022
41	Sanket Kailasrao Tayade	Determination of pH of a solution using Hydrogen Electrode	09/04/2022
42	Shafique Khan	Determination of pH of a solution using Quinhydrone Electrode	09/04/2022
43	SHAIKH AZIM SHAIKH AZIZ	Determination of pH of a solution using Glass Electrode	30/04/2022
44	Shaikh Faizan Shaikh Ismail	Acid-Base Potentiometric Titration	30/04/2022
45	Shaikh Nadim Shaikh Wakil	Oxidation Reduction Potentiometric Titration	30/04/2022
46	Shaziya Anjum Wasim Khan	Precipitation Potentiometric Titration	01/04/2022
47	Shirin Akhtar Ashfaq Ahmad	Inorganic Polymer	01/04/2022
48	Shital Gajanan Malthane	Concentration Cell	30/04/2022
49	Suraj Subhash Ingle	Nuclear Chemistry	09/04/2022
50	Suvarna Raghunath Sonagare	Nuclear Models	09/04/2022
51	Swapnil Ravindra Khete	Nuclear Reactions and Q-Value	30/04/2022
52	Swati Suresh Satoo	Nuclear Fission Reaction	09/04/2022
53	SYED SHAHEBAZUDDIN SYED MOINUDDIN	Nuclear Fusion Reactions	30/04/2022
54	TAUFIQUE KHAN YUSUF KHAN	Chromatography	09/04/2022
55	Vinayak Gajanan Jumde	Applications of Radio-isotopes	30/04/2022
56	Vinayak Nimbaji Bajode	Oxidation Reduction Potentiometric Titration	30/04/2022
57	Zubiya Mahevash Syed Ansar	Acid-Base Potentiometric Titration	30/04/2022

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Student presenting seminar



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Sample script of seminar



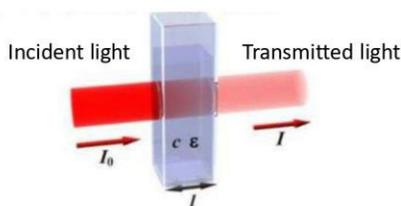
The slide features a background of overlapping, colorful geometric patterns. At the top, there are three framed images: a portrait of a man with a beard on the left, a circular institutional logo in the center, and a portrait of an elderly man on the right. The text is centered and reads: 'Shri Shivaji Education Society Amravati's Shri pundlik maharaj Mahavidhyala nandura Rly Department of chemistry seminar Topic Electronic spectroscopy Class: B.sc IIIrd year (sem:- VIth) By SADIYA IRAM AYYUB KHAN YEAR 2021-22 GUIDED BY PROF.N.K .DHURVE'.

Shri Shivaji Education Society Amravati's
Shri pundlik maharaj Mahavidhyala nandura
Rly
Department of chemistry
seminar Topic
Electronic spectroscopy
Class: B.sc IIIrd year (sem:- VIth)
By
SADIYA IRAM AYYUB KHAN
YEAR 2021-22
GUIDED BY
PROF.N.K .DHURVE

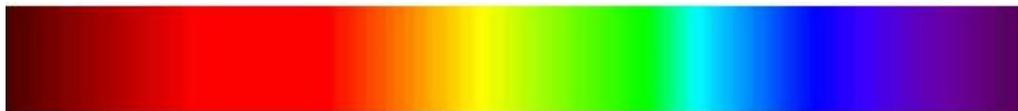
Beer-Lambert law

- ◇ When a beam of monochromatic radiation is passed through a solution of an absorbing Medium is directly proportional to the intensity of incident radiation as well as the concentration of the solution.

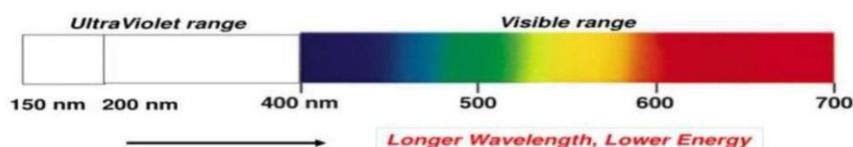
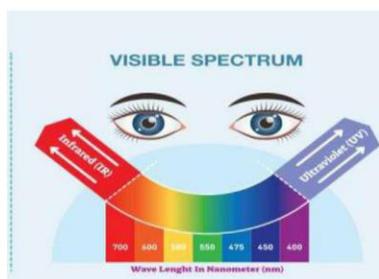
$$A = \epsilon lc = \log I_0/I$$



- Where ,
A = Absorbance
 ϵ = Extension coefficient
C = Concentration of solution (moles/ Litre)
L = Length of the cell (cm)
 I_0 = Intensity of incident light
I = Intensity of transmitted light



- It also helps in distinguishing conjugated and isolated dienes, trienes, carbonyl compounds and alpha, beta-unsaturated carbonyl compounds and cis and trans isomers.
- Since the energy levels of a molecule are quantized, the energy required to bring about the excitation is a fixed quantity. This, the E.R with only a particular value of frequency will be able to cause excitation.
- If a radiation of correct frequency is made to fall on the sample of the molecule, energy will be absorbed and electrons will be promoted to the higher energy level.



- Also called as uv & visible spectroscopy.
- The uv region, which extends from 200-400 nm.
- The visible region from 400-800 nm.
- In electronic spectroscopy it involves the promotion of electrons from bonding levels to antibonding levels.
- Uv & visible spectroscopy provides information about the structure of the molecule containing double or triple bonds.
- It is very useful to measure the number of conjugated double bonds and also aromatic conjugation within the various molecules.



Shri Shivaji Education Society, Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura, Dist. Buldana,

DEPARTMENT OF CHEMISTRY

**ELECTROPHILIC SUBSTITUTION
REACTION OF NAPHTHALENE**

Presented By:

Nazneen Farah M Mohsin
Class: B.Sc.-II (Sem-IV)

Guided By:

Mr. N. K. Dhurve
Assistant Professor

CONTENT:

1. Introduction of Naphthalene
2. Molecular Geometry
3. Resonance Structure of Naphthalene
4. Physical Properties
5. Chemical Properties
6. Electrophilic Substitution Reaction of Naphthalene
7. References



Shri Shivaji Education Society Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura Rly, Dist. Buldana

Department of Botany

Date- 29-12-2021

Notice

All B.Sc. II and III students are here by informed that Department of Botany has conducted Seminar Competition from date- 08th to 12th January 2022.

Time- 12.00pm to 1.00 pm

Venue- Computer Lab.

Note-

1. Seminar topics are already given to your respective group.
2. Submit hard copy in department (Use only A4 size page)
3. On PPT (Write your full name, Class, College name and Topic)

Coordinator

Dr. Anita M. Katgaye- B.Sc. II

Prof. Supriya B. Gedam - B.Sc.III


Dr. S. W. Dighe

Head
Dept. of Botany

Head
Department of Botany
Shri. Pundlik Maharaj Mahavidyalaya
Nandura (Rly) Dist Buldana

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)



Shri Shivaji Education Society Amravati's

Shri Pundlik Maharaj Mahavidyalaya Nandura (Rly)

B.Sc.- II, Sem-III (21-22)

Subject-Botany Seminar

Sr.No.	Name of student	Seminar Topic
1	Aaasha Parveen Ansarulla Khan	Bennetitalean and Pterodospermean theory
2	Aafreen Firdous Irfanullah	Botanical Nomenclature
3	Aaliya Saba Shaikh Sabir	Herbarium
4	Abdul Amir Abdul Kalim	Royal Botanical Garden, Kolkata
5	Abdul Kabir Abdul Bashir	Concept, Importance and conservation of Biodiversity
6	Abidullah Khan ZiyaullahKhan	Bentham and Hookers system
7	Adeeba Tabassum M Ashfaque	Engler and Prantl's system
8	Alfiya Firdous Mo Jameel	Systematic studies and economic importance of Malvaceae family
9	Altamash Khan MaheboobKhan	Systematic studies and economic importance of Brassicaceae family
10	Anam Taiyaba Aqueel Ahmed	Systematic studies and economic importance of Fabaceae family
11	Aniqa Aspara Mohammad Javed	Systematic studies and economic importance of Caesalpinaceae family
12	Aqsa Parveen Moosa Khan	Systematic studies and economic importance of Mimosaceae family

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

13	Arshad Khan Aman Khan	Systematic studies and economic importance of Apiaceae family
14	Arshiya Parveen Zakir Husain	Systematic studies and economic importance of Asteraceae family
15	Asia Bano Jilani Khan	Systematic studies and economic importance of Asclepidaceae family
16	Asim Mirza Asgar Mirza	Systematic studies and economic importance of Apocynaceae family
17	Asra Sumera Shaikh RiyazShaikh	Systematic studies and economic importance of Solanaceae family
18	Barira Aiman Sabir Ullah Khan	Systematic studies and economic importance of Verbenaceae family
19	Devanand Baburao Ingle	Systematic studies and economic importance of Lamiaceae family
20	Heram Kailas Mohata	Systematic studies and economic importance of Euphorbiaceae family
21	Inzemamul Haque Aijazuddin Khan	Systematic studies and economic importance of Liliaceae family
22	Ishadaya Ananatanand Gond	Systematic studies and economic importance of Poaceae family
23	Ishaque Ullah Khan Zabi Ullah Khan	Classification of tissue and its type
24	Jahed Khan Naim Khan Pathan	Parenchyma tissue and its function
25	Juned Baig Raees Baig	Collenchyma tissue and its function
26	Khalid Baig Mubarak Baig	Sclerenchyma tissue, types of fibres and its function

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

27	M Tahsinuddin MKhaleeluddin	Complex permanent tissue- xylem
28	Mahek Bi Syed Shabbir	Complex permanent tissue- pholem
29	Masira Firdos Syed Muzammil	Characteristics of Growth ring/ Annual ring
30	Minhaj Iqbal Wahaj Iqbal	Heartwood and Sapwood
31	Misbah Parveen Mohmmad Asif	Anatomy of root Primary structure in dicot root
32	Mohammad Haafiz Shaikh Bismillah	Primary structure in monocot root- <i>Zea mays</i>
33	Mohammad Usama Shaikh Anwar	Secondary growth in dicotyledonous root
34	Mohammad Yunus Shaikh Mannan	Primary structure in Monocotyledonous stem
35	Mudassir Khan Rahim Khan	Primary structure of Dicotyledon stem <i>Helianthus annus</i>
36	Muhammad Umar Muhammad Aslam	Secondary growth in dicot stem
37	Muzammil Khan Ayyub Khan	Anomalies in Primary structure in <i>Boerhavia</i> stem
38	Nabila Afshin Mohd Moinuddin	Anomalies in secondary structure in <i>Bignonia</i> stem
39	Naheed Anjum Mo Dayyan	Anomalies in secondary structure in <i>Dracena</i> stem
40	Nandini Suresh Sapkal	Leaf anatomy Internal structure of <i>Nerium</i> leaf
41	Naziya Khan Irfan Khan	Internal structure of Maize leaf

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

42	Neha Sunil Gawai	Tetrasporngiate anther and tissue function
43	Pratik Gajanan Satote	Development of Male gametophyte
44	Raheela Bushra Muhammad Aqeel	Types of pollen tetrad
45	Rahmatullah Khan Karamatullah Khan	Structure of mature ovule
46	Raju Reba Sastya	Types of Ovule
47	Rubi Khatoon Mo Aalamgeer	Development of Embryo sac
48	Saba Anjum Mohammad Riyaz	Monosporic embryo sac
49	Sadiya Anjum Israr Khan	Bisporic embryo sac
50	Saman Firdos Javed Ali Khan	Tetrasporic embryo sac- Adoxa, Plumbago, Panaea, Peperomia types
51	Saniya Firdous SyedAzharuddin	Tetrasporic embryo sac- Drusa, Fritillaria and Plumbagella types
52	Saniya Saher Syed Ismail	Structure and function of Embryo sac
53	Sara Aeliya Mohammad Nazim	Entry of pollen tube into ovule
54	Sara Parveen Mo Shafi	Double fertilization and triple fusion
55	Shaikh Aasif Shaikh Rasheed	Types of endosperm
56	Shaikh Atique Shaikh Nazeer	Embryo development in Dicotyledons
57	Shaikh Faizan Shaikh Usman	Systematic studies and economic importance of Malvaceae family
58	Shaikh Mohd Saher-UI-AsrKalim Ahmad	Systematic studies and economic importance of Brassicaceae family

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

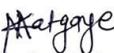
Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

59	Shaikh Sameer Shaikh Shabbir	Systematic studies and economic importance of Fabaceae family
60	Shaikh Wasique Shaikh Jabir	Systematic studies and economic importance of Caesalpiniaceae family
61	Shaikh Zubair Shaikh Rahim	Systematic studies and economic importance of Mimosaceae family
62	Shifa Anjum Nazir Husain Syed	Systematic studies and economic importance of Apiaceae family
63	Shivani Arun Shimbre	Systematic studies and economic importance of Asteraceae family
64	Shohil Quasam Khan	Systematic studies and economic importance of Asclepidaceae family
65	Shubham Rajendra Jari	Systematic studies and economic importance of Apocynaceae family
66	Shumaima Asfiya Mohammad Naeem	Systematic studies and economic importance of Solanaceae family
67	Sk Gulzar Sk Qadeer	Systematic studies and economic importance of Verbenaceae family
68	Sauleha Siddiqua Khanam Sher Khan	Systematic studies and economic importance of Lamiaceae family
69	Sunil Ramlal Sastya	Systematic studies and economic importance of Euphorbiaceae family
70	Swapnil Ganesh Bodade	Systematic studies and economic importance of Liliaceae family
71	Syed Naved Syed Bahauddin	Systematic studies and economic importance of Poaceae family

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

72	Syed Zahed Syed Usmana	Classification of tissue and its type
73	Tabassum Parvin Shaikh	Parenchyma tissue and its function
74	Tanzila Praveen Nasir Ali Khan	Collenchyma tissue and its function
75	Ubaidullah Khan Kalimullah Khan	Sclerenchyma tissue, types of fibres and its function
76	Zarqa Tarheem Syed Zafar Alvi	Complex permanent tissue- xylem
77	Zoya Ishra Rafique Khan	Complex permanent tissue- phloem
78	Zubair Shah Haroon Shah	Characteristics of Growth ring/ Annual ring


Teacher Incharge

Dr. A. M. Katgaye
Assistant Professor
Department of Botany
Shri Pundlik Manaraj Mahavidyalaya
Nandura (Rly) Dist. Buldana (M.S.)


HOD

Dr. S. W. Dighe
Head
Department of Botany
Shri Pundlik Manaraj Mahavidyalaya
Nandura (Rly) Dist. Buldana

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Sample script of seminar



Shri Pundlik Maharaj Mahavidyalaya Nandura

Seminar Topic on : Tetrasporic Embryo Sac

Presented By :
Saniya Firdous Syed Azharuddin
Class : B.Sc 2nd (Sem- Third)

Guided By :
Dr. Anita M. Katgaye

Tetrasporic Embryo Sac :

- ▶ In this type of embryo sac megaspore mother cell undergoes meiosis division and four haploid nuclei are formed. These nuclei remain in common cytoplasm as wall formation does not take place after meiosis. These nuclei present in the single cell are called as **coeno - megaspore**. All the four nuclei take part in the formation of embryo sac there for it is called as tetrasporic embryo sac.
- ▶ The arrangement of four nuclei before the embryo formation is of three types.
- ▶ A. 2+2- two nucleus at the micropylar end and two at the chalazal end. (Adoxa type)
- ▶ B. 1+1+1+1 - one nucleus at the micropylar end , one at the chalazal end and two placed laterally. (Penaea, Plumbago, Peperomia type.)
- ▶ C. 1+3 - One nucleus at micropylar end and three at chalazal end. (Drusa, Fritillaria, Plumbagella)

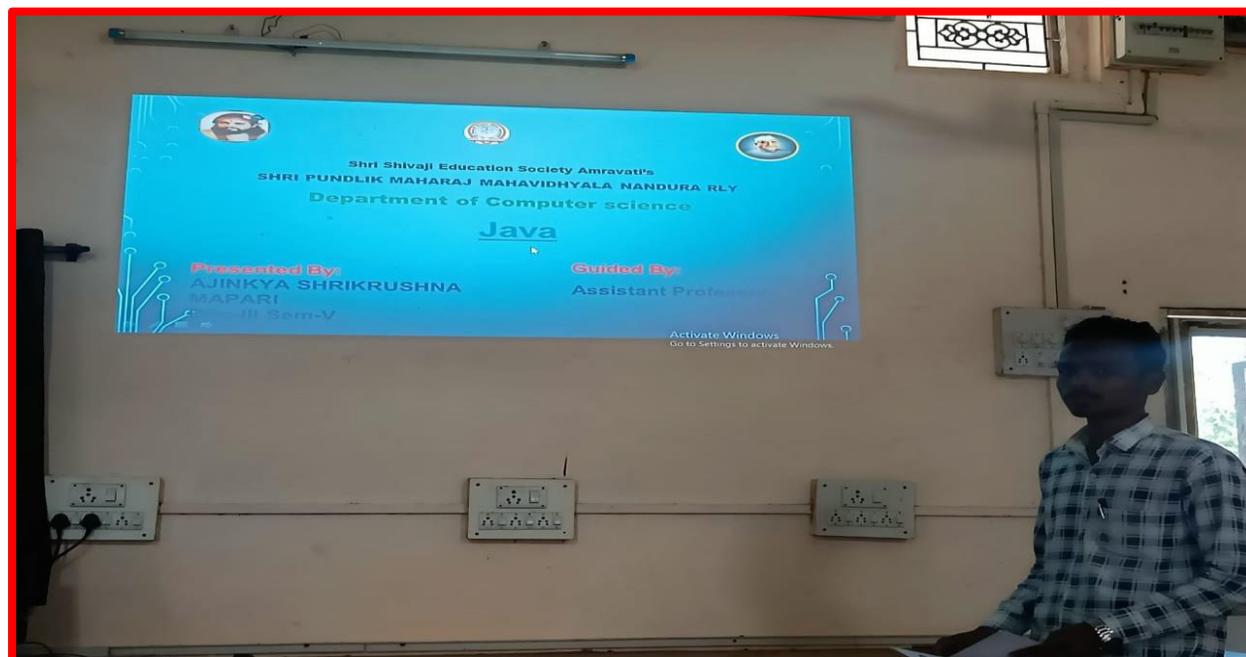
- ▶ **Drusa** - This type of embryo sac is also 16 nucleate. The mature embryo sac consists of normal egg apparatus (3 called), 2 polar nuclei and 11 antipodal cells. Thus Drusa type of embryo sac contain large number of antipodals. Example - Drusa, Ulmus etc.
- ▶ **Fritillaria type**- The four megaspore nuclei arrange themselves in two groups- three at the chalazal end and one at the micropylar end. The three nuclei at the chalazal end fuse to form triploid nucleus. Both the triploid and haploid nuclei undergo mitosis division forming four nuclei at each pole. The organisation of embryo sac take place in which egg apparatus consists of three haploid cells. Three antipodal cells at the chalazal end are triploid and central cell is made up of two polar nuclei of which one is haploid and other is triploid. Example- Fritillaria, Lilium etc.
- ▶ **Plumbagella**- After the nuclear fusion of three nuclei, the triploid nucleus is form at the chalazal end and one haploid nucleus is present at micropylar end. Each of these nuclei undergoes single mitosis division and form two groups of two nuclei each. One of the nuclei from micropylar end move to the centre and fuse with other triploid nucleus to form tetraploid central cell. The remaining triploid nucleus at the chalazal end act as antipodal cell. A single nucleus at the micropylar end act as egg. Synergid cells are absent.



Student presenting seminar

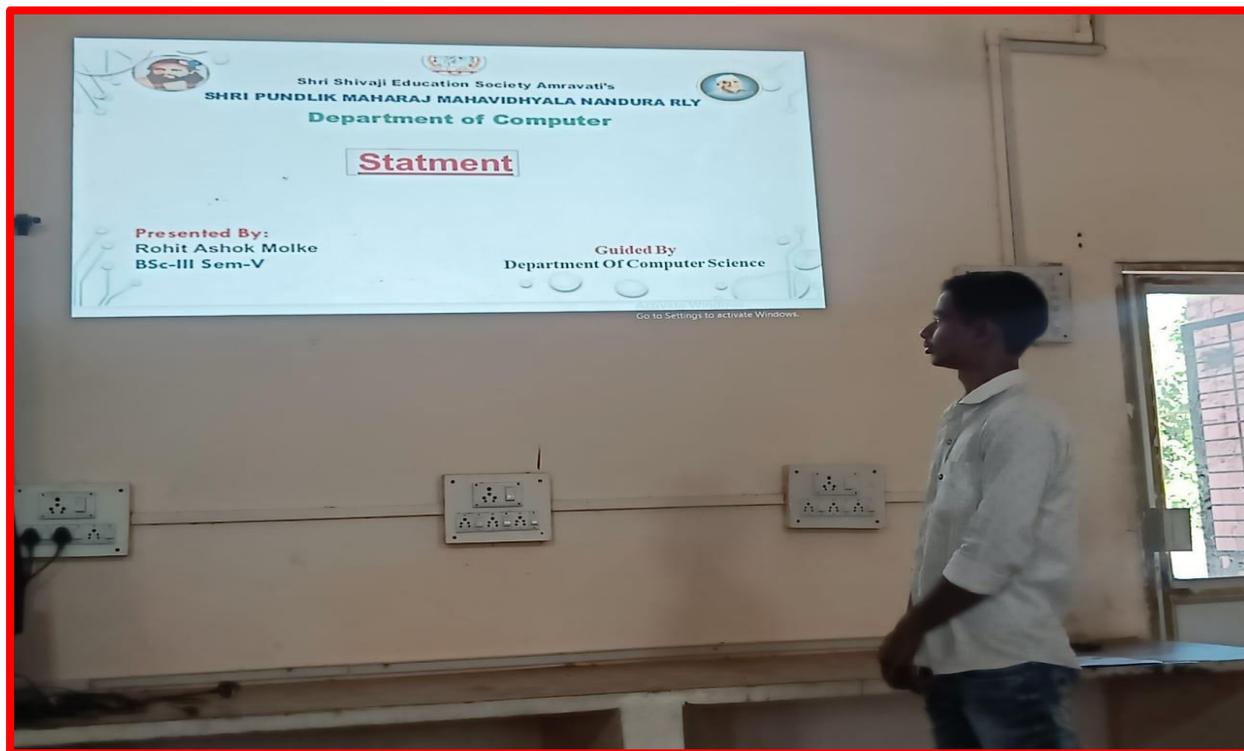


Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools



Shri Shivaji Education Society, Amravati's

Shri Pundlik Maharaj Mahavidyalaya, Nandura

Department of Physics (2021-2022)

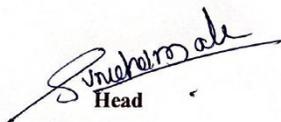
Date: 01/09/2021

Notice

All of B.Sc. -I, B.Sc.-II and B.Sc. -III student are hereby informed that Department of Physics organised a "Seminar Competition on Schematic diagram or Circuit Diagram, Quantum Mechanics, Special Theory of Relativity, Gravitation and Planetary Motion" on Date 16-09-2021. Those Student are participated in this competition, registration should be before on 15-09-2021

Time: 1:00PM to 2:00 PM

Date:16 September 2021


Head

Head
Department of Physics
Shri Pundlik Maharaj Mahavidyalaya
Nandura, Dist. Buldhana, S.




Principal

Dr. Alka A. Mankar

Principal
Shri Pundlik Maharaj Mahavidyalaya
Nandura, Dist. Buldhana

B.Sc.-II
Seminar on
Quantum Mechanical treatment
on simple Harmonic
oscillator

✓
✓
✓

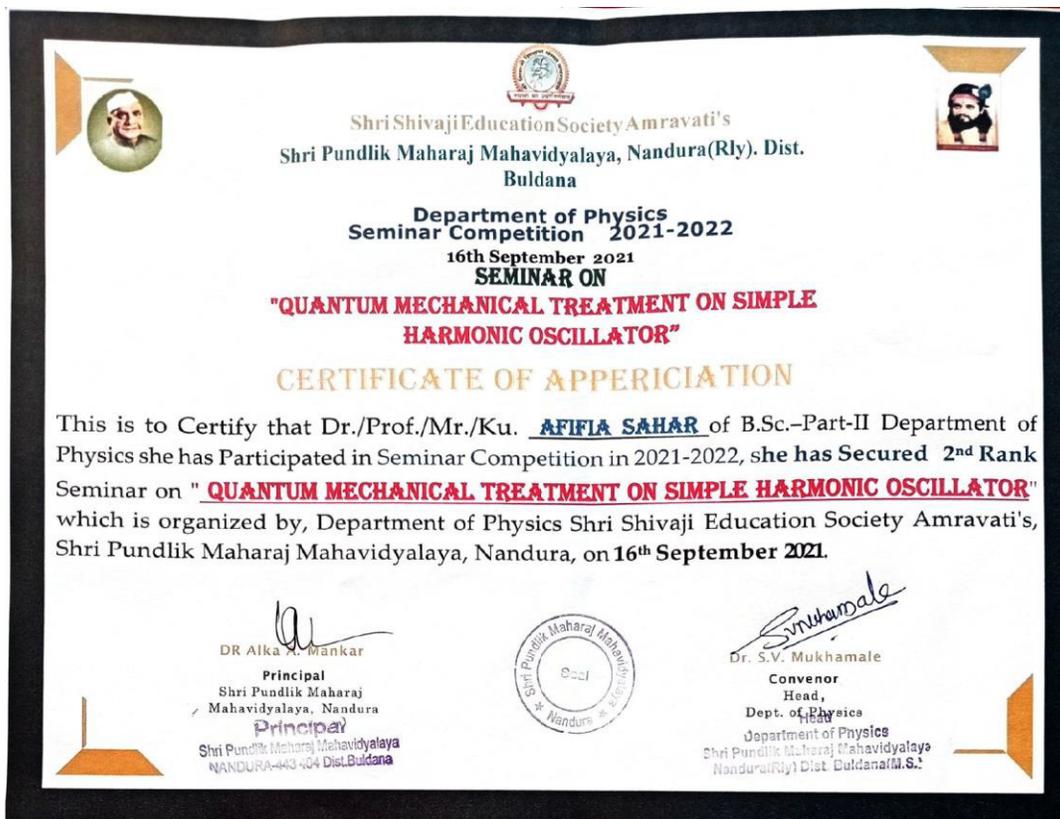
2nd
Rank Good

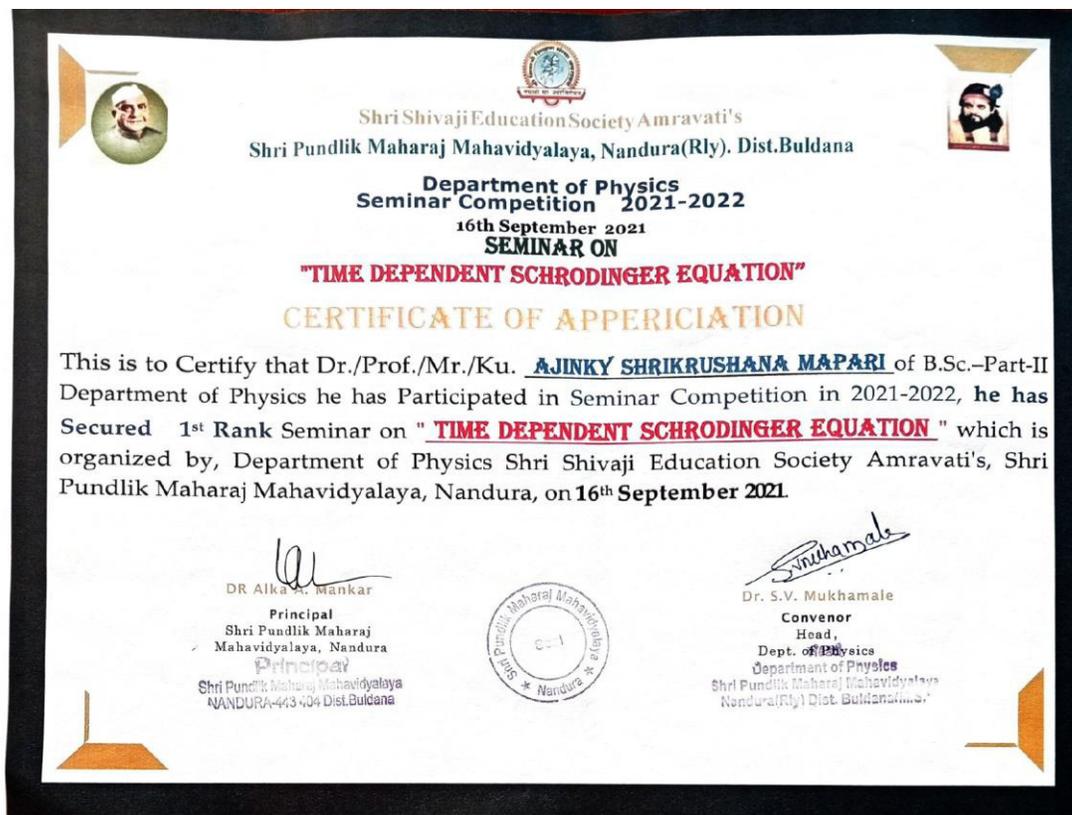
S. Vinitha
Head
Department of Physics
Shri Pundlik Maharej Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)



Name :- Afifa Saha
Bsc - IInd year
A.Y. 2021-22
Date :- 16/09/2021

IA
Principal
Shri Pundlik Maharej Mahavidyalaya
NANDURA-443 404 Dist. Buldana







Shri Shivaji Education Society, Amravati's

Shri Pundlik Maharaj Mahavidyalaya, Nandura

Department of Physics (2021-2022)

Date: 16/09/2021

Activity report of seminar competition

Department of physics has organized seminar competition on Semiconductor Devices, Quantum Mechanics, Special Theory of Relativity, Gravitation and Planetary Motion for B.Sc. part-1 students. B.Sc. Part-3 students were conduct this seminar competition on 16 / 09 / 2021.

Objective: 1. To enhance the skill of creative and innovative expression of B.Sc.-I and II student.

2. To enables teaching, black board presentation and learning skills of B.Sc. Student.

3. To enhance personality development, Stage daring, demonstration of B.Sc. part-I., Part-II, and B.Sc. Part-III Student

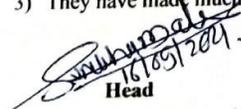
Mr. Shaikh Azim of B.Sc. pat-III student coordinated the seminar competition under the guidance of Dr. Alka A. Mankar, Principal, S.P.M. College, Nandura. Total 14- students and teachers have participated in online seminar competition. A Group and Group B were created, Miss Ajinkya Mapari a student of B.Sc-II, is winner of the online seminar competition with first Position., Miss. Afifa Sahar of B.Sc. II, was secured 2nd rank of winner and Mr. Abhishek karode B. Sc. II, was 3rd winner.

The detail results are as follow.

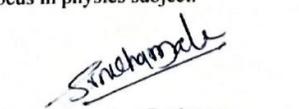
Sr. No.	Name of students	Rank Secured	Class
1.	Miss. Ajinkya Mapari	1st	B.Sc. II
2.	Miss. Afifa Sahar	2nd	B.Sc. II
3.	Mr. Abhishek Karode	3rd	B.Sc. II

Outcome of activity:

- 1) They have easily understanding creativity and innovative of tricks.
- 2) They have a getting confidence in physics subject.
- 3) They have made much focus in physics subject.


Head

Head
Department of Physics
Shri Pundlik Maharaj Mahavidyalaya
Nandura (Rty) Dist. Buldana (M.S.)


Assistant Professor
Department of Physics
Shri Pundlik Maharaj Mahavidyalaya
Nandura (Rty) Dist. Buldana (M.S.)


Principal
Dr. Alka A. Mankar
Principal
Shri Pundlik Maharaj Mahavidyalaya
NANDUR (Rty) Dist. BULDANA (M.S.)

Seminar of Economics Department

- सेमिनार -

विषय :- अर्थशास्त्र

वर्ग :- B.A. II (Sem. IV)

-: मार्गदर्शक :-

डॉ. अलका अनिल मानकर

Topic allotment for seminar

-: अनुक्रमणिका :-

अ.क्र.	सेमिनार विषय	विद्यार्थी नांव
०१.	व्यापारी बँक	कु. अंकिता ठाकरे
०२.	व्यापारी बँक	कु. आम्रपाली वाकोडे
०३.	व्यापारी बँक	कु. पुजा वाकोडे
०४.	व्यापारी अधिकोषाची कार्ये	कु. चंद्रभागा बावस्कार
०५.	प्रत्ययाची साधने	कु. विजया चोपडे
०६.	प्रत्यय निर्मिती	कु. उमा जंजाळकर
०७.	व्यापारी अधिकोषाच्या प्रत्यय निर्मितीच्या मर्यादा	कु. तनया दळवी
०८.	अधिकोषाच्या प्रत्यय निर्मितीच्या मर्यादा	कु. मयुरी तांदुळकर
०९.	केंद्रीय बँकेचे महत्त्व व कार्ये	कु. दिपाली पहरकर
१०.	मध्यवर्ती बँकेचे कार्ये	कु. वैष्णवी प्रांजळे
११.	मध्यवर्ती बँकेची व्याख्या, महत्त्व व कार्ये	कु. स्वाती वडोदे
१२.	रिझर्व बँकेचे महत्त्व आवश्यकता	कु. आरती हुंबडे
१३.	इलेक्ट्रॉनिक बँकींग	कु. शुभांगी भोपळे
१४.	नावे पत्र (Debit Card)	कु. निकिता बोरसे
१५.	नावे पत्र (Debit Card)	कु. पुजा सोळंके
१६.	व्यापारी अधिकोष	कु. आरती सुर्यवंशी
१७.	व्यापारी बँक अर्थ व महत्त्व	कु. शुभांगी चंदनकार
१८.	व्यापारी अधिकोषाची कार्ये	कु. दिव्या अवचार
१९.	व्यापारी अधिकोषाची कार्ये	कु. गायत्री चांभारे
२०.	जागतिक व्यापारी संघटना कार्ये, उद्दिष्ट आणि मर्यादा	कु. स्वाती सपकाळ
२१.	वित्तीय संस्थांची उद्दिष्टे	कु. संजना ढोले
२२.	आंतरराष्ट्रीय मुद्रानिधी	कु. धनश्री वक्ते
२३.	वित्तीय संस्थांची उद्दिष्टे	कु. लक्ष्मी इंगळे
२४.	वित्तीय संस्थांची उद्दिष्टे	कु. प्रतिक्षा वरखेडे

Sample Seminar Script



विद्यार्थीनीचे नांव :-	कु. उमा राजेश जंजाळकर
महाविद्यालयाचे नांव :-	श्री. पुंडलिक महाराज महाविद्यालय, नांदुरा
वर्ग :-	B.A. II (Sem-IV)
विषय :-	अर्थशास्त्र
सेमिनार विषय :-	अर्थशास्त्र (प्रत्यय निर्मिती)
मार्गदर्शिका :-	प्रा.डॉ. मानकर मॅडम

प्रस्तावना :-

व्यापारी बँकाच्या महत्वाच्या कार्यापैकी पतनिर्मिती हे एक कार्य आहे. व्यापारी बँकाचा हेतु जास्तीत जास्त नफा मिळवणे हा असतो. या उद्देशाच्या पुर्ततेसाठी व्यापारी बँक ठेवी स्वीकारण्याचे व कर्ज देण्याचे कार्य करतात. व्यापारी बँका जेव्हा कर्जदाराला कर्ज देतात तेव्हा त्यांच्याकडून कर्जाच्या मुल्यापेक्षा जास्तीच्या मुल्याचे तारण घेतात व त्यावर कर्ज मंजूर करतात बँक कर्जदाराला कर्जातुन ठेवी निर्माण करते. त्यामुळे आतापर्यंत बँकेकडे कर्ज मागणारा कर्जदार कर्ज मंजूर होताच त्या बँकेच्या ठेवीदार होतो. अशाप्रकारे प्रत्ययाची निर्मिती होते. त्यालाच पत पैसा म्हणतात. व्यक्ती जेव्हा आपणाकडील रोख पैसा बँकेत ठेव म्हणून ठेवते. त्यास प्राथमिक ठेवी म्हणतात. याउलट बँका जे कर्ज देतात व त्यापासून ज्या ठेवी निर्माण होतात. त्यांना अनुजात ठेवी म्हणतात. व्यापारी बँकेची पतनिर्मिती त्यांच्याकडील प्राथमिक ठेवीवर अवलंबून असते म्हणून व्यापारी बँकाकडील ठेवी जेवढ्या जास्त तेवढी पतनिर्मिती जास्त असते.

प्रत्ययाची निर्मिती :-

बँकेजवळ आपल्या ठेवीचे खाते असणे. ग्राहकांना अत्यंत सोयीचे असते. त्यांना चेक्सच्या आधारे हवे तेवढे पैसे काढू शकतात. बँकेजवळ बऱ्याचशा प्रमाणात रोख रक्कम पडून राहते. अर्थात बँक ही रक्कम स्वतःजवळ बाळगावी हे नेहमीच्या अनुभवावरून लक्षात येते. एवढी रक्कम जवळ बाळगुण बाकीची रक्कम कर्जाऊ देता येते. बँकेने एवढीच रक्कम कर्जाऊ दिली. तर मध्यस्थांचे कार्य केले असे म्हणता येईल. मध्यस्थांच्या कार्यासाठी मिळणाऱ्या मोबदल्यावर बँकेचा खर्च भागवू शकत नाही. ठेवीदारांना व्याज देणे, भागदारांना लाभांश, व्यवस्थापक, हिशेब तपासणीस, कारकुन इत्यादींचे पगार आणि इतर शासकीय खर्च असा अनेक खर्च करावा लागतो. जनतेच्या बँकेवर असलेल्या विश्वासावर कर्जाचे व्यवहार वाढविले तरच आधुनिक बँकांचा व्यवहार फायदेशीर होऊ शकतो व हे प्रत्यय निर्मितीमुळे शक्य होते.

प्रत्यय निर्मितीचे मार्ग :-

- १) कर्ज देऊन ठेव निर्माण करणे हा प्रत्यय निर्मितीचा एक मुख्य मार्ग आहे. प्रत्येक कर्ज नवीन ठेव निर्माण करते. अर्थात कर्जेफेड झाली म्हणजे ही ठेवही आपोआप नष्ट होते.
- २) रोख बाजारात रोखे खरेदी करून प्रत्ययनिर्मिती केली जाते. समजा बँकेने रोखे बाजारात १०,०००/- रु किंमतीचे रोखे खरेदी केले तर बँक या रोख्यांची किंमत विक्रत्यांच्या नावे खाते उघडते त्यामुळे तेवढ्या रक्कमेने बँकेच्या ठेवी वाढतात.

..१..

Projects



Shri Shivaji Education Society, Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura. Dist. Buldana,
Department of Zoology
B.Sc. III, Sem-VI
Summer: 2021-2022



Date: 20/04/2022

Project Title

	Name of Student	Sign	Mobile No.	Project Title	Name of Project Guide
1.	Aaliya Nazeer Shaikh Nazeer	<i>[Signature]</i>	9175316936	Types of DNA(A,B,Z)	Prof. S.D. Jadhav
2.	Abhidnya Devendra Narwade	<i>A.D. Narwade</i>	7387413169		
3.	Afra Tarab Mohammad Sadiq	<i>[Signature]</i>	8855079343		
4.	Alfiya Ishrat Ayyub Khan	<i>[Signature]</i>	8080082352		
5.	Ankita Vijay Wankhade	<i>[Signature]</i>	9356265705		
6.	Anuradha Omprakash Bhojane	<i>[Signature]</i>	7972802695	Mutation	Dr. R.B. Shinde
7.	Arshirya Parveen Sayyed Rashid	<i>[Signature]</i>	9503702436		
8.	Farhin Anjum Sk Aarif	<i>[Signature]</i>	8888903537		
9.	Gulnaz Parveen Abdul Sattar	<i>[Signature]</i>	8263030314		
10.	Khan Musharra Javed Ali Khan	<i>[Signature]</i>	8623839198		
11.	Khushnuma Aafrin Mohammad Fayaz	<i>[Signature]</i>	9503061946		

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

12.	Mohammed Shayeqe Abdul Razzaque	M. Shayeqe		Chromosomal Aberrations, (Structural deletion, addition, inversion, translocation)	Prof. S.B. Bhoys
13.	Mohammed Azim Shaikh Mehboob	Azim	7558425001		
14.	Mohammad Gazi Nazir Ahmad Qureshi	Gazi	9766483395		
15.	Mohammad Sajid Mohammad Sabir	M. Sajid			
16.	Md Tanveer Sk Aslam Qureshi	Tanveer Sk			
17.	Mohammad Umair Farooque Mohammad Rafique	M. Umair	7020909859	Chromosomal Numerical- Euploidy & aneuploidy	Prof. T.R. Marakwad
18.	Mohd Rehan Sk Rasheed	Md. Rehan	7875453981		
19.	Mukhtar Khan	Mukhtar Khan	9067534429		
20.	Nilesh Murlidhar Sitre	Nilesh	9011851349		
21.	Pavan Rameshwar Ingle	Pavan Rameshwar	9579835414		
22.	Pooja Ramesh Raut.	Pooja	9328864749	PCR	Dr. R.B. Shinde
23.	Pranav Baliram Deokar	Pranav	7972080296		
24.	Pratik Vasant Ingle	Pratik			
25.	Puja Duryodhan Ingle	Puja Ingle	8459680681		
26.	Rekha Gajanan Gawhad	Rekha G	7028224252		

Husna Aara Md Haroon Husna.

27.	Khansa waliya Akbar Khan	Khansa	8087695408	DNA Fingerprinting	Prof. S.B. Bhoys
28.	Rouziya Ruhi Abdul Mannan	Ruhi	9923139109		
29.	Sadiya Iram Ayyub Khan	Sadiya	9421468033		
30.	Saima Tabassum Mohammad Jameel	Saima	7249173532		
31.	Shirin Akhtar Wasim Khan Asiya Qureshi Ahmad	Shirin	9834688056		
32.	Zubiya Mahavash Sayed Ansar	Zubiya	8999890759	Recombinant DNA Technology	Prof. S.D. Jadhav
33.	Sanket Jagannath Thakare	Sanket	9022968993		
34.	Shafique Khan	Shafique	09766369404		
35.	Shaikh Faizan	Shaikh Faizan	9075135146		
36.	Shaikh Nadim	Shaikh Nadim	7798516127		
37.	Shaziya Anjum Wasim Khan	Shaziya	8600255573	Hybridoma Technology	Dr. R.B. Shinde
38.	Shital Gajanan Malthane	Shital	7719927341		
39.	Suraj Subhash Ingle	Suraj	9145383924		
40.	Swapnil Ravindra Khete	Swapnil	9657814539		
41.	Swati Suresh Satao	Swati	95790679381		
42.	Syed Shahabazuddin Syed Moinuddin	Shahabaz	9975606551	Western Blotting Techniques	Prof. T.R. Marakwad
43.	Taufique Khan	Taufique	8180887714		
44.	Vishal Ravindra Tayade	Vishal Tayade			
45.	Ajay Anil Wankhade	Ajay	8551828534		
46.	Akash Gopal Gawande	Akash	8788125272		

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

47.	Akshay Arun Kharate	Akshay		DNA Replication: Semiconservation Method	Prof. T.R. Marakwad
48.	Abhishek Rajendra Shingote	Abhishek Shingote			
49.	Ashutosh Anil Narwade	Ashutosh			
50.	Gautam Gajanan Ingle	Gautam Ingle	9359617344		
51.	Kartiket Laxman Ghanokar	Kartiket	7767941340		
52.	Krushna Rajesh Gawande	Rajesh Gawande	8805589890		



T.R. Marakwad
Head
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Sample script of projects



Shri Shivaji Education Society Amravati's
SHRIPUNDLIK MAHARAJ MAHAVIDYALAYA, NANDURARI.

Project Title
"DNA REPLICATION: SEMICONSERVATION METHODS"

Submitted By

- 1) Kartiket Laxman Ghanokar
- 2) Akshay Arun Kharate
- 3) Abhishek Rajendra Shingote
- 4) Ashutosh Anil Narwade
- 5) Gautam Gajanan Ingle
- 6) Krushna Rajesh Gawande

Under The Guidance of
Prof. S.D. Jadhav
Asst. Professor, Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya, Nandurari., Dist. Buldana

In Partial Fulfillment of The Requirement For
The Degree of Bachelor of Science
(2021-2022)



Shri Shivaji Education Society Amravati's
SHRI PUNDLIK MAHARAJ MAHAVIDYALAYA, NANDURA Rly.

DEPARTMENT OF ZOOLOGY

CERTIFICATE

This is to certify that the Project entitled

DNA Replication: Semiconservation Method

submitted by

- 1) Akshay Arun Khete
- 2) Abhishek Rajendra Shingote
- 3) Ashutosh Anil Narwade
- 4) Gautam Gajanan Ingle
- 5) Kartiket Laxman Ghanokar
- 6) Krushna Rajesh Gawande

Class B. Sc-III, was carried out satisfactorily under the guidance of
Prof. S.D.Jadhav Asst. Professor in Department of Zoology, Shri Pundlik
Maharaj Mahavidyalaya, Nandura Rly. Dist. Buldana. During the
Academic Year 2021- 2022.

Date: 26/04/2022

Place: Nandura


Head

Mr. Shantaram Bhoye
Head
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)




Project Guide

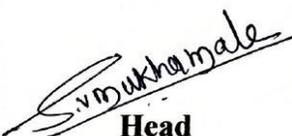
Prof.S.D.Jadhav
Assistant Professor
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)





SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI
SHRI PUNDLIK MAHARAJ MAHAVIDYALAYA, NANDURA (RLY.)
A.Y (2021-2022)
LIST OF PROJECTS STUDNTS
SUMMER-2021-2022
B.Sc.-3rd (CPC) SEM-VI
PROJECT ASSIGNMENTS

Sr. NO	Roll No	Name of Student	Name of Project
1	21AB316376	AMOL VIJAY JUMDE	Dual Nature of Radiation and De-Broglie Hypothesis
2	21AB316376	Arshad Ahmed Ansar Ali Khan Khan	
3	21AB316376	Jayashri Vijay Ghanokar	
4	21AB316376	Nilesh Nivrutti Lande	
5	21AB316376	Nitin Dnyaneshwar Ghanokar	
6	21AB316376	Shaikh Azim Shaikh Aziz Shaikh	Photoelectric Effect and Compton Effect
7	21AB316376	Suvarana Raghunath Sonagare	
8	21AB316376	Vinayak Gajanan Jumde	
9	21AB316376	Vinayak Nimbaji Bajode	



Head
 Head
 Department of Physics
 Shri Pundlik Maharaj Mahavidyalaya
 Nandura(Rly) Dist. Buldana(M.S.)





Principal
 Principal
 Shri Pundlik Maharaj Mahavidyalaya
 NANDURA-443 404 Dist.Buldana

A Project Assignment
On
“Dual Nature of Radiation and De-Broglie Hypothesis”



Submitted to

Sant Gadge Baba Amravati University, Amravati

Bachelor of Science

- Submitted by -

Mr./ Amol Vijay Junde
Arshad Ahmad Ansar Ali khan
Jayshri Vijay Ghanokar
Nilesh Nivrutti Lande
Nitin Daneshwar Ghanaokar

B. Sc. 3rd yrs (Semester – VIth)

Under the Guidance

Dr. S.V. Mukhamale (HoD)

Academic Year 2021-2022

Dr. S.V. Mukhamale

Head,

Department of Physics,

Shri Pundlik Maharaj Mahavidyalaya Nandura (Rly),

Dist. Buldana- 443404 (MS)


Head
Department of Physics
Shri Pundlik Maharaj Mahavidyalaya
Nandura (Rly) Dist. Buldana/M.S.




Principal
Shri Pundlik Maharaj Mahavidyalaya
NANDURA-443 404 Dist. Buldana



SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI
SHRI PUNDLIK MAHARAJ MAHAVIDYALAYA, NANDURA (RLY.)
Department of Physics (2021-2022)

CERTIFICATE

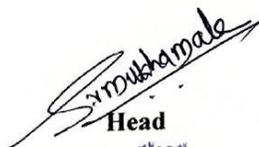
This is to certified that Project entitled on
Dual Nature of Radiation and De-Broglie Hypothesis

Submitted by

- 1) Amol Vijay Jumde
- 2) Arshad Ahmad Ansar Ali khan
- 3) Jayshri Vijay Ghanokar
- 4) Nilesh Nivrutti Lande
- 5) Nitin Daneshwar Ghanaokar

Class B.Sc.-III was carried out by satisfactorily under guidance of Mr. Dr. Sachin V Mukhamale Assistant professor and Head in department of Physics, Shri Pundlik Maharaj Mahavidyalaya Nandura rly Dist. Buldana
During the Academic year 2021-2022

Date:
Place:



Head
Department of Physics
Shri Pundlik Maharaj Mahavidyalaya
Nandura (Rly) Dist. Buldana (M.S.)



Principal
Department of Physics
Shri Pundlik Maharaj Mahavidyalaya
NANDURA-431604 Dist. Buldana.

Content

- Understanding the dual nature of radiation
- Dual nature of radiation
- The phenomena is shown by the dual nature of radiation
- Dual nature of electromagnetic radiation
- De Broglie hypothesis
- Proof of de Broglie equation
- De Broglie wavelength associated with particle moving with kinetic energy
- Wavelength of electron accelerated through potential difference V



A Project Assignment

On

“Dihybrid Cross”



Submitted to

Sant Gadge Baba Amravati University, Amravati

Bachelor of Science

- *Submitted by -*

Mr. Altamash Khan Maheboob Khan
Mr. Ishaquellah Khan Zabirullah Khan
Mr. Khalid Baig Mubarak Baig
Mr. Shaikh Sameer Shaikh Shabbir
Mr. Junaid Bai

B. Sc. II (Semester-IV)

-Under the Guidance of

Dr. A. M. Katgaye
Assistant Professor

Dr. S. W. Dighe
Head
Department of Botany,

Shri Pundlik Maharaj Mahavidyalaya Nandura (Rly),
Dist. Buldana- 443404 (MS)

2021-2022



Shri Shivaji Education Society, Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura (Rly)

District-Buldana ,443404

Department of Botany

CERTIFICATE

This is to certify that the project entitled Dihybrid Cross submitted by following students was carried out satisfactory under the guidance of Dr.A.M.Katgaye , Assistant Professor in Department of Botany ,Shri Pundlik Maharaj Mahavidyalaya, Nandura. Dist.Buldana during the Academic Year 2021-2022.

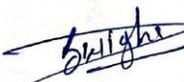
Mr.Altamash Khan Maheboob Khan
Mr.Ishaquellah Khan Zabirullah Khan
Mr.Khalid Baig Mubarak Baig
Mr.Shaikh Sameer Shaikh Shabbir
Mr.Junaid Bai

Date:18/04/2022

Place:Nandura


Project Guide

Dr.A.M.Katgaye
Assistant Professor
Department of Botany
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)


HOD

Dr.S.W.Dighe
Head
Department of Botany
Shri. Pundlik Maharaj Mahavidyalaya
Nandura (Rly) Dist Buldana



Shri Shivaji Education Society, Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade

20/02/2022

Department of Commerce

Academic Year-2021-2022

Notice

All students of B. Com III are hereby informed that they have to prepare a project report on topic, 'Functioning of Bank of India, Branch Nandura'. Completed reports must be submitted before 25/04/2022.

Note: Students should visit the bank in small groups, so that the regular work of the bank will not hamper.

Dr. S. U. Ulhe

Head

Department of Commerce





Shri Shivaji Education Society, Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura
Reaccredited by NAAC with 'C' grade

20/02/2022

Department of Commerce
Academic Year-2021-2022

Topic allotted for project: Functioning of Bank of India, Branch; Nandura

List of Students

Sr. No.	Name of Student
1	Archana Suresh Kute
2	Abhishek Prakash Mahakal
3	Dnyaneshwari S Gosavi
4	Shejal Pralhad Khanadare
5	Ankita Sudhakar Ingle
6	Priyanka Sudarshan Katkar
7	Ajay Sahdev Gade
8	Pritam Mahadev Wagh
9	Dnyaneshwar Suresh Sonone
10	Akash Ramdas Ghule
11	Ankit Shrikrushn Wagh
12	Akash Suresh Awchar
13	Swapnil Kailas Gade

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

14	Abhishek Devidas Tayade
15	Gaurav Arun Rautraye
16	Sakshi Panjabrao Kolhe
17	Sonal Ravindra Wakte
18	Rahul Nivrutti Tayade
19	Mayur Kailas Wase
20	Manoj Prakash Khiradkar
21	Shivam Vilas Chopde
22	Prajakta Avinash Jumde
23	Roshan Balu Nibalkar
24	Jaya Shivaji Galkar
25	Nikita Ananta Diware
26	Snehal Sahdev Wakode
27	Nikita Bhagwan Bodkhe
28	Yogesh Mahadev Mathe
29	Megha Ravindra Bodade
30	Gaurav Bhagwat Gange
31	Pandurang Vithal Dongre



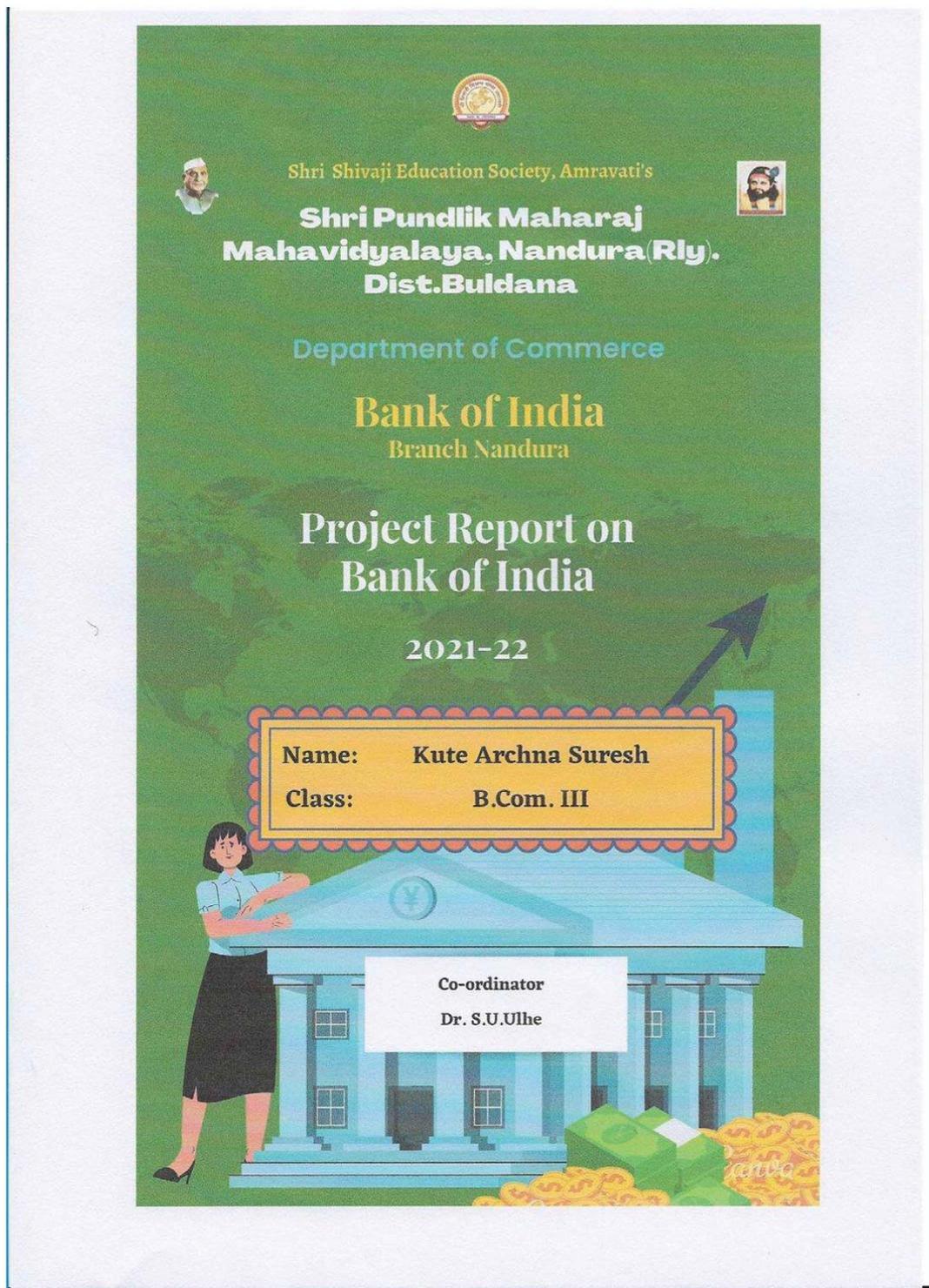
Dr. S. U. Ulhe

Head

Department of Commerce



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools





आपला ग्राहक जाणून घ्या

Page :
Date :

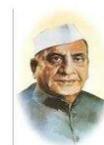
अनुक्रमिका

Ser. No	Index. No	Page No
1	प्रस्तावना	1
2	संस्थेची इयत्ती	2
3	संस्थेचे मुख्य उद्देश	3
4	संस्थेचे मुख्य कार्य	4
5	संस्थेचे एक वैशिष्ट्य	5
6	संघालक मंडळ	6
7	संस्थेच्या ठेकी	7
8	संस्थेच्या ठेकीपुढे ध्यानदर	8
9	संस्थेच्या कर्जाचे ध्यानदर	9
10	हॉल्डर्सची सुविधा	10
11	संस्थेचे पददल माझे मत.	11
12	बिलकथ.	

117

SMART

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)



Shri Shivaji Education Society, Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura
 Reaccredited by NAAC with 'C' grade
 ISO 9001:2015

Project Assignment topic summer -2022, Department of Chemistry

Class- B.Sc-III, Sem-VI

Sr. No.	Roll number	Student Name	Name of Project Assignment Topic
1	21AB516739	Aaliya Nazeer Shaikh Nazeer	Valence bond theory
2	21AB516740	Abhidnya Devendra Narwade	Valence bond theory
3	21AB516741	Abhishek Rajendra Shingote	Valence bond theory
4	21AB516742	Afratarab Mohammad Sadique	Valence bond theory
5	21AB516743	Ajay Anil Wankhade	Valence bond theory
6	21AB516744	AKASH GOPAL GAWANDE	Spectrophotometric Technique
7	21AB516745	ALFIYA ISHRAT AYYUB KHAN	Spectrophotometric Technique
8	21AB516746	AMOL VIJAY JUMDE	Spectrophotometric Technique
9	21AB516747	Ankita Vijay Wankhade	Spectrophotometric Technique
10	21AB516748	Amradha Omprakash Bhojane	Spectrophotometric Technique
11	21AB516749	ARSHAD AHMED KHAN ANSAR ALI KHAN	Paper Chromatography
12	21AB516750	ARSHIYA PARVEEN SYED RASHEED	Paper Chromatography
13	21AB516751	Farhin Anjum Shaikh Arif Qureshi	Paper Chromatography
14	21AB516752	GAUTAM GAJANAN INGLE	Paper Chromatography
15	21AB516753	Gulnaz Parveen Abdul Sattar	Paper Chromatography
16	21AB516754	HUSNA ARA MOHAMMAD HAROON	Organometallic Chemistry
17	21AB516755	Jayashri Vijay Ghanokar	Organometallic Chemistry
18	21AB516756	Karnket Laxman Ghanokar	Organometallic Chemistry
19	21AB516757	Khan Musharra Javed Ali Khan	Organometallic Chemistry
20	21AB516758	KHANSA WALIYA AKBAR KHAN	Organometallic Chemistry
21	21AB516759	Khushnma Asifin Mohammad Fayaz	Bio-inorganic Chemistry
22	21AB516760	Krushna Rajesh Gawande	Bio-inorganic Chemistry
23	21AB516761	Mohammad Azim Shaikh Mehboob Qureshi	Bio-inorganic Chemistry
24	21AB516762	Mohammad Gazi Nazeer Ahmad Qureshi	Bio-inorganic Chemistry
25	21AB516763	mohammad umair farooque mohammad rafique	Bio-inorganic Chemistry
26	21AB516764	MOHD Rehan SK RASHID	UV- Spectroscopy
27	21AB516765	Mukhtar Khan Asfaque Khan	UV- Spectroscopy
28	21AB516766	NILESH MURLIDHAR SHITRE	UV- Spectroscopy
29	21AB516767	Nilesh Nirvrtti Lande	UV- Spectroscopy
30	21AB516768	Nitin Dnyaneshwar Ghanokar	UV- Spectroscopy
31	21AB516769	PAVAN RAMESHWAR INGLE	IR- Spectroscopy
32	21AB516770	Pooja Ramesh Raut	IR- Spectroscopy
33	21AB516771	Pransv Baliram deokar	IR- Spectroscopy
34	21AB516772	PUJA DURYODHAN INGLE	IR- Spectroscopy
35	21AB516773	Rauziya Rohi Abdul Mannan	IR- Spectroscopy
36	21AB516774	Rakha Gajanan Gawhad	Nuclear Chemistry
37	21AB516775	SABA AFREEN SAYYED KHALIL	Nuclear Chemistry
38	21AB516776	Sadiya Inuran Ayyub Khan	Nuclear Chemistry
39	21AB516777	Saima Tabassum Mohammad Jameel Shaikh	Nuclear Chemistry
40	21AB516778	Sanket Jagannath Thakare	Nuclear Chemistry
41	21AB516779	SANKET KAILASRAO TAYADE	Electrochemistry
42	21AB516780	SHAFIQUE KHAN BASHEER KHAN	Electrochemistry

4/12/2022 9:35:10

1

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

Project Assignment topic summer -2022, Department of Chemistry

Class- B.Sc-III, Sem-VI

Sr. No.	Roll number	Student Name	Name of Project Assignment Topic
43	21AB516781	Shaikh Azim Shaikh Aziz	Electrochemistry
44	21AB516782	Shaikh Faizan Shaikh Ismail	Electrochemistry
45	21AB516783	Shaikh Nadim Shaikh Wakil	Electrochemistry
46	21AB516784	Shaziya Anjum Waseem Khan	Mass Spectroscopy
47	21AB516785	Shirin Akhter Ashfaque Ahmad	Mass Spectroscopy
48	21AB516786	Shital Gajanan Malthane	Mass Spectroscopy
49	21AB516787	SURAJ SUBHASH INGLE	Mass Spectroscopy
50	21AB516788	Suvarna Raghunath Sonagare	Mass Spectroscopy
51	21AB516789	Swapnil Ravindra Khete	NMR- Spectroscopy
52	21AB516790	Swati Suresh Satao	NMR- Spectroscopy
53	21AB516791	Syed Shahebazuddin Seyd Moimuddin	NMR- Spectroscopy
54	21AB516792	TAUFIQUE KHAN YUSUF KHAN	NMR- Spectroscopy
55	21AB516793	Vinayak Gajanan Junde	NMR- Spectroscopy
56	21AB516794	VINAYAK NIMBAJI BAJODE	NMR- Spectroscopy
57	21AB516795	Zubiya Mahvash Ansaruddin Syed	NMR- Spectroscopy



Head
Department of Chemistry
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Guldana(M.S.)

4/12/2022 9:35:10

2

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

A Project Assignment

On

“Valence Bond Theory”



Submitted to

Sant Gadge Baba Amravati University, Amravati

In

Bachelor of Science

Submitted by

Abhidnya Devendra Narwade

(Roll No.: 21AB516740)

B.Sc.-III (Semester-VI)

Under the Guidance of

Dr. S. D. Tarale

Assistant Professor

Department of Chemistry

Dr. S. D. Tarale

Head

Department of Chemistry

Shri Pundlik Maharaj Mahavidyalaya Nandura (Rly),

Dist. Buldana- 443404 (MS)

2021-22

Valence bond theory

In chemistry, **valence bond (VBT) theory** is one of the two basic theories, along with molecular orbital (MO) theory, that were developed to use the methods of quantum mechanics to explain chemical bonding. It focuses on how the atomic orbitals of the dissociated atoms combine to give individual chemical bonds when a molecule is formed. In contrast, molecular orbital theory has orbitals that cover the whole molecule.^[1]

History

Lothar Meyer in his 1864 book, *Die modernen Theorien der Chemie*, contained an early version of the periodic table containing 28 elements, classified elements into six families by their valence—for the first time, elements had been grouped according to their valence. Works on organizing the elements by atomic weight, until then had been stymied by the widespread use of equivalent weights for the elements, rather than atomic weights.^[2]

In 1916, G. N. Lewis proposed that a chemical bond forms by the interaction of two shared bonding electrons, with the representation of molecules as Lewis structures. The chemist Charles Rugeley Bury suggested in 1921 that eight and eighteen electrons in a shell form stable configurations. Bury proposed that the electron configurations in transitional elements depended upon the valence electrons in their outer shell.^[3] In 1916, Kossel put forth his theory of the ionic chemical bond (octet rule), also independently advanced in the same year by Gilbert N. Lewis.^{[4][5]} Walther Kossel put forward a theory similar to Lewis' only his model assumed complete transfers of electrons between atoms, and was thus a model of ionic bonding. Both Lewis and Kossel structured their bonding models on that of Abegg's rule (1904).

Although there is no mathematical formula either in chemistry or quantum mechanics for the arrangement of electrons in the atom, the hydrogen atom can be described by the Schrödinger equation and the Matrix Mechanics equation both derived in 1925. However, for hydrogen alone, in 1927 the Heitler–London theory was formulated which for the first time enabled the calculation of bonding properties of the hydrogen molecule H₂ based on quantum mechanical considerations. Specifically, Walter Heitler determined how to use Schrödinger's wave equation (1926) to show how two hydrogen atom wavefunctions join together, with plus, minus, and exchange terms, to form a covalent bond. He then called up his associate Fritz London and they worked out the details of the theory over the course of the night.^[6] Later, Linus Pauling used the pair bonding ideas of Lewis together with Heitler–London theory to develop two other key concepts in VB theory: resonance (1928) and orbital hybridization (1930). According to Charles Coulson, author of the noted 1952 book *Valence*, this period marks the start of "modern valence bond theory", as contrasted with older valence bond theories, which are essentially electronic theories of valence couched in pre-wave-mechanical terms.

Linus Pauling published in 1931 his landmark paper on valence bond theory: "On the Nature of the Chemical Bond". Building on this article, Pauling's 1939 textbook: *On the Nature of the Chemical Bond* would become what some have called the bible of modern chemistry. This book helped experimental chemists to understand the impact of quantum theory on chemistry. However, the later edition in 1959 failed to adequately address the problems that appeared to be better understood by molecular orbital theory. The impact of valence theory declined during the 1960s and 1970s as molecular orbital theory grew in usefulness as it was implemented in large digital computer programs. Since the 1980s, the more difficult



Shri Shivaji Education Society, Amravati's

Shri Pundlik Maharaj Mahavidyalaya Nandura

Department of Botany

Date :15/04/2022

Notice

All the students of B.Sc.III are hereby informed that you have to submit your **project report** on dated 20/04/2022, to the respective teacher. Kindly note that.

Co-ordinator

Assistant Professor
Department of Botany
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rty) Dist. Buldana(M.S.)

Dr. S. W. Dighe

Head

Department of Botany

Head
Department of Botany
Shri. Pundlik Maharaj Mahavidyalaya
Nandura (Rty) Dist Buldana

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)



Shri Shivaji Education Society, Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura. Dist. Buldana,
Department of Botany
B.Sc. III, Sem-VI
Summer : 2021-2022

Date: 20/04/2022

Project Title

Sr. no	Name of Student	Project Title	Signature
1.	Aaliya Nazeer Shaikh Nazeer	AC- Ds system	
2.	Abhidnya Devendra Narwade		A.D. Nurwade .
3.	Afra Tarab Mohammad Sadiq		@farab.
4.	Alfiya Ishrat Ayyub Khan		
5.	Ankita Vijay Wankhade		ankitawankhade
6.	Anuradha Omprakash Bhojane	Lac Operon	Ao Bhojane
7.	Arshirya Parveen Sayyed Rashid		
8.	Farhin Anjum Sk Aarif		
9.	Gulnaz Parveen Abdul Sattar		Gulnaz
10.	Khan Musharra Javed Ali Khan		
11.	Khushnuma Aafrin Mohammad Fayaz		Khush
12.	Mohammed Shayeque Abdul Razzaque	Somatic Hybridization	
13.	Mohammed Azim Shaikh Mehboob		Azim.
14.	Mohammad Gazi Nazir Ahmad Qureshi		Gazi
15.	Mohammad Sajid Mohammad Sabir		

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

16.	Md Tanveer Sk Aslam, Qureshi <i>no admission</i>		
17.	Mohammad Umair Farooque Mohammad Rafique	Harshy and Chase Experiment	
18.	Mohd Rehan Sk Rashid		
19.	Mukhtar Khan		
20.	Nilesh Murlidhar Sitre		<i>Sitre</i>
21.	Pavan Rameshwar Ingle		<i>Ingle</i>
22.	Pooja Ramesh Raut.	Protein Trafficking	
23.	Pranav Baliram Deokar		
24.	Pratik Vasant Ingle		
25.	Puja Duryodhan Ingle		<i>Ingle</i>
26.	Rekha Gajanan Gawhad		<i>Raut</i>
27.	Rouziya Ruhi Abdul Mannan	Protein Folding Mechanism	
28.	Sadiya Iram Ayyub Khan		<i>Sadiya</i>
29.	Saima Tabassum Mohammad Jameel		
30.	Shirin Akhtar Wasim Khan		<i>Shreen</i>
31.	Zubiya Mahavash Sayed Ansar		
32.	Sanket Jagannath Thakare	DNA Packaging	<i>Thakare</i>
33.	Shafique Khan		<i>Shafiq</i>
34.	Shaikh Faizan		<i>Faizan</i>
35.	Shaikh Nadim		<i>Nadim</i>
36.	Shaziya Anjum Wasim Khan		<i>Shaziya Anjum</i>
37.	Shital Gajanan Malthane	Mechanism of Transcription	<i>Malthane</i>
38.	Suraj Subhash Ingle		<i>Ingle</i>
39.	Swapnil Ravindra Khete		<i>Khete</i>
40.	Swati Suresh Satao		<i>Satao</i>
41.	Syed Shahebazuddin Syed Moinuddin		<i>Syed</i>
42.	Khansa Walia		

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

43.	Taufique Khan	Cloning Vectors	Taufique
44.	Vishal Ravindra Tayade		
45.	Ajay Anil Wankhade		
46.	Akash Gopal Gawande		
47.	Akshay Arun Kharate		
47.	Abhishek Rajendra Shingote	Cryopreservation	Shingote
48.	Ashutosh Anil Narwade		
49.	Gautam Gajanan Ingle		Ingle
50.	Kartiket Laxman Ghanokar		Ghanokar
51.	Krushna Rajesh Gawande		

Sekate

Teacher Incharge

Assistant Professor
Department of Botany
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)

Shingote

HOD

Head
Department of Botany
Shri. Pundlik Maharaj Mahavidyalaya
Nandura (Rly) Dist Buldana

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

A Project Assignment

On

“Dihybrid Cross”



Submitted to

Sant Gadge Baba Amravati University, Amravati

Bachelor of Science

- Submitted by -

Mr.Altamash Khan Maheboob Khan

Mr.Ishaquellah Khan Zabirullah Khan

Mr.Khalid Baig Mubarak Baig

Mr.Shaikh Sameer Shaikh Shabbir

Mr.Junaid Bai

B. Sc.II (Semester-IV)

-Under the Guidance of

Dr.A.M.Katgaye

Assistant Professor

Dr.S.W.Dighe

Head

Department of Botany,

Shri Pundlik Maharaj Mahavidyalaya Nandura (Rly),

Dist. Buldana- 443404 (MS)

2021-2022



Shri Shivaji Education Society, Amravati's
Shri Pundlik Maharaj Mahavidyalaya, Nandura (Rly)

District-Buldana ,443404

Department of Botany

CERTIFICATE

This is to certify that the project entitled Dihybrid Cross submitted by following students was carried out satisfactory under the guidance of Dr.A.M.Katgaye , Assistant Professor in Department of Botany ,Shri Pundlik Maharaj Mahavidyalaya, Nandura. Dist.Buldana during the Academic Year 2021-2022.

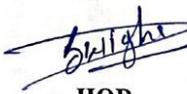
Mr.Altamash Khan Maheboob Khan
Mr.Ishaquellah Khan Zabirullah Khan
Mr.Khalid Baig Mubarak Baig
Mr.Shaikh Sameer Shaikh Shabbir
Mr.Junaid Bai

Date:18/04/2022

Place:Nandura


Project Guide

Dr.A.M.Katgaye
Assistant Professor
Department of Botany
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)


HOD

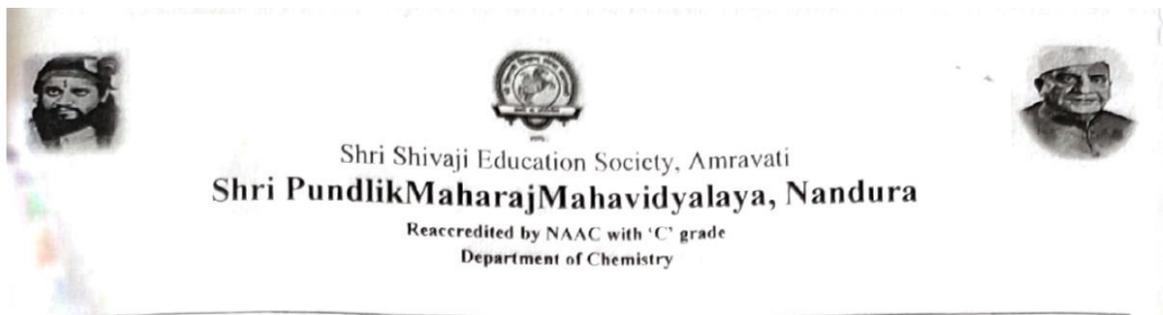
Dr.S.W.Dighe
Head
Department of Botany
Shri. Pundlik Maharaj Mahavidyalaya
Nandura (Rly) Dist Buldana

Di-hybrid Crosses

Introduction:-

Mendel laid the basic groundwork in the field of genetics and eventually proposed the laws of inheritance. Law of Segregation, Law of Independent Assortment and Law of Dominance are the three laws of inheritance proposed by Gregor Mendel. These laws came into existence from his Experiments on pea plants with a variety of traits. Mendel's Experiment Inference By monohybrid cross only, Mendel could first study the inheritance of one gene in the plant. He considered only one character (plant height) on pairs of pea plants with one

Group Discussion



Date: 22 /02 /2022

Notice

All the students of B.Sc (I, II, and III) are hereby informed that department is going to conduct group discussion on last Saturday of every month.

Note:

- Students should enrol their names to respective teachers
- Group discussion topic will be based on your syllabus
- Duration of group discussion is of 50 min.

Head of Department

Dr. S. D. Tarale

Head
Department of Chemistry
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)



Shri Shivaji Education Society, Amravati
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade
 Department of Chemistry

Report on

Group Discussion held on 26/02/2022

Topic of Discussion: Periodic Table (B.Sc I)

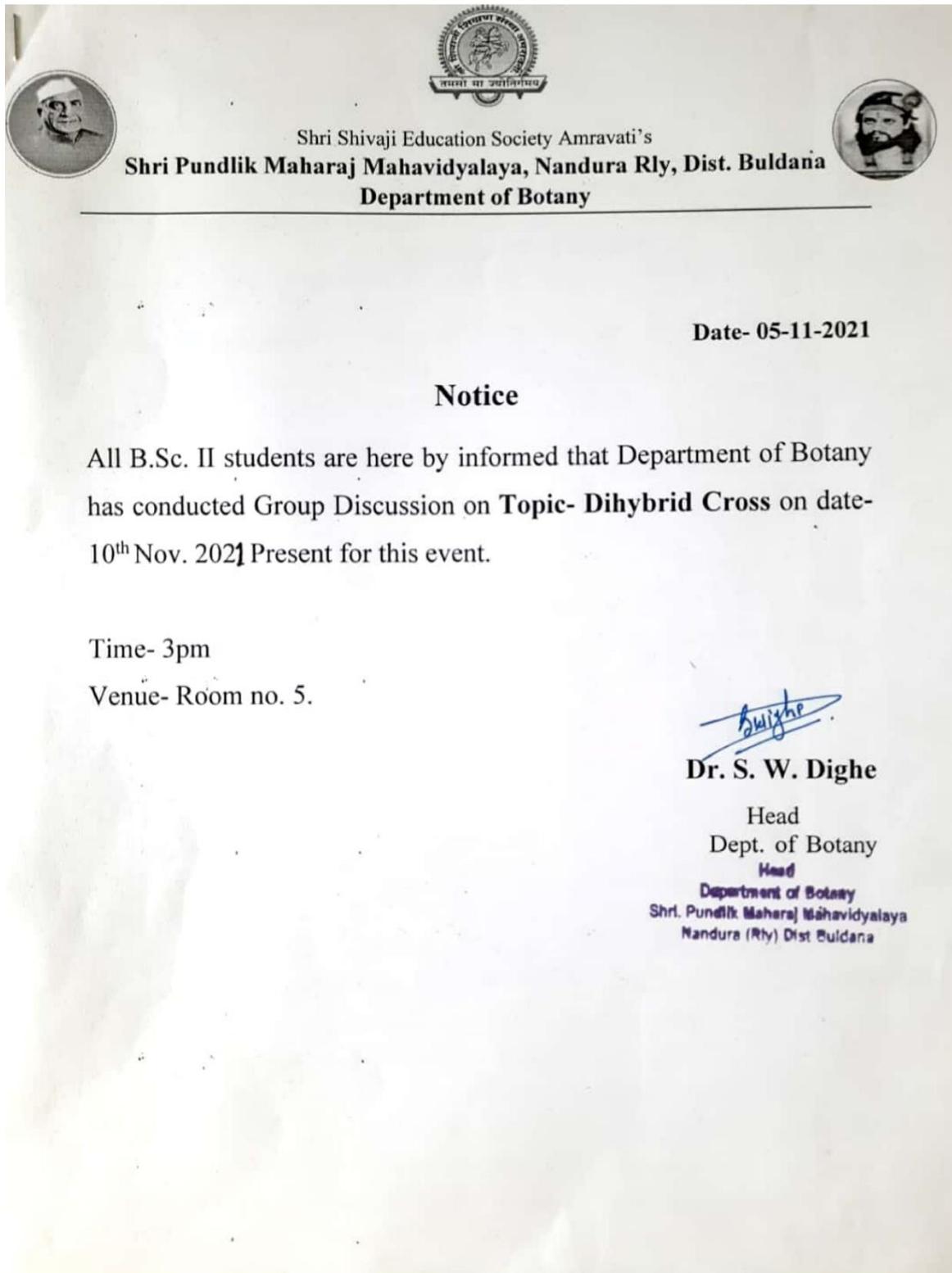
Following points were discussed:

1. History of periodic table such as how to design the periodic table was discussed
2. How many block present in periodic table was discussed i.e. s, p, d, f blocks

3. List of Participants

Sr. No.	Name of Students	Signature
1	Anjali RavindraKhapre	ARKhapre
2	Datta Rameshwar Rajguru	CRWB
3	Bushra Midhat Nasir Khan	BKhan
4	Kalyani Vijay Shelke	KShelke
5	Khushi Rajesh Tayde	K.R. Tayade
6	Swapnil Dnyaneshwar Gaikwad	S.D. Gaikwad
7	Trupti Eknath Mahakal	Trupti Mahakal
8	Yogita Suryakant Jaware	Y.S. Jaware
9	Swapnil GajananWagh	S. Wagh
10	Arati Parmeshwar Wankhade	A. P. Wankhade
11	Firoz Khan Hamid Khan	F.Khan
12	Sumaiya Parveen Firoz Khan	Sumaiya
13	Yogita Vijay Lande	Y. Lande
14	Abhishek Bhagwat Kate	ABK


 Assistant Professor
 Department of Chemistry
 Shri Pundlik Maharaj Mahavidyalaya,
 Nandura(Rly) Dist. Buldana(M.S.)



Scanned with CamScanner



Scanned with CamScanner

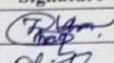
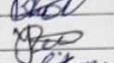
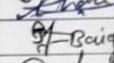
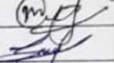
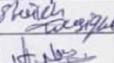
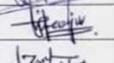
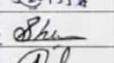
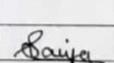
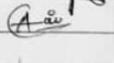
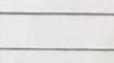
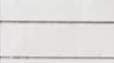
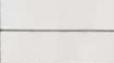
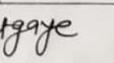
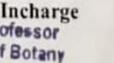
2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

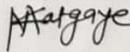
Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)



Shri Shivaji Education Society, Amravati's
SHRI PUNDLIK MAHARAJ MAHAVIDYALAYA, NANDURA (Rly.)
Department of Botany

Name of Programme: - Group Discussion on topic Date: 10-11-2021
Dihybrid Cross B.Sc.II Sem-IV

Sr.No.	Name of Students	Class	Mobile No.	Signature
①	Ishaque ulah Khan	B.Sc III	7499029464	
②	Khatid Baig	B.Sc III	7038369426	
③	Md Yunus. Qureshi	B.Sc.III	7841928568	
④	Ahamash Khan	B.Sc.II	7023754143	
5	Mirza Junaid Raes Baig	B.Sc.III nd	8767504508	
⑥	Mirhu j. Isakal wa. Hajj Taj	B.Sc.III nd	7219731453	
⑦	Shaiikh Sameer Shaiikh Shabbir	B.Sc.III	7028246319	
8)	Shaiikh Waqique Shaiikh Tabio	B.Sc.III	9561994406	
9)	Ashutosh Anil Nowade	B.Sc.III	9857951829	
10)	Shifa Anjum Syed Nazir	B.Sc.II	9561107410	
11)	Zoya Ishra Rafique Khan	B.Sc.II	7976993864	
	Shumaima Asfiya	B.Sc.II	8484025232	
13)	Afiya Saha	B.Sc.II	9011703675	
14	Ishadaya A Grand	B.Sc.II	9921623580	
15	Saniya Sa Firdous			
	Syed Azharuddin	B.Sc.II	9730121260	
16)	Aaliya Saba Shaikh Sabir	B.Sc.II	9850594993	


Teacher Incharge
Assistant Professor
Department of Botany
Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)

Scanned with CamScanner

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools



Shri Shivaji Education Society, Amravati
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade
Department of Zoology

Date: 14/01/2022

Notice

There will be a Group Discussion Activity on 21/01/2022 (Friday) for all the students of B. Sc. (I, II, and III). Interested students should enrol their names with respective teachers.

Note:

- Group discussion topic will be based on your syllabus
- Duration of group discussion is of 50 min.




Head of department
Head
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)



Shri Shivaji Education Society, Amravati
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade
Department of Zoology

Department of Zoology initiated the activity of group discussion with the objective of:

- 1.To enhance participative learning
- 2.To enhance their reading ability
- 3.To enhance their public speaking



Shri Shivaji Education Society, Amravati
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade
Department of Zoology

Report on

Group Discussion held on 21/01/2022 on Friday of every month

Topic of Discussion: Molecular Biology and Biotechnology

The discussion was initiated with the question asked by the teacher; what is Molecular Biology and the techniques in Biotechnology?

1. Types of DNA, RNA were mentioned by a student.
2. Another student mentioned the Function DNA Polymerase Enzyme.
3. Techniques of Recombinant DNA Technology (Genetic Engineering), Plant Tissue Culture and Transgenic (Genetically Modified Organisms) were mentioned by many students.

List of Participants

Sr.No.	Name Of Student	Class
1.	Lubna Iram Abdul Gafir	B. Sc-I
2.	M Tauseef Sk Yusuf	B. Sc-I
3.	Mohammad Ameen Shaikh Nasir	B. Sc-I



Shri Shivaji Education Society, Amravati
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade
Department of Zoology

4.	Mohammad Muzammil Mohammad Nazim	B. Sc-I
5.	Asim Baig Mirza	B. Sc-II
6.	M Tahsinuddin M Khaliloddin	B. Sc-II
7.	Muhammad Umar Muhammad Aslam	B. Sc-II
8.	Pratik Gajanan Satote	B. Sc-II
9.	Saniya Saheer Syed Ismail	B. Sc-III
10.	Sara Parveen Mohammed Shafi	B. Sc-III
11.	Swati Suresh Satao	B. Sc-III
12.	Suraj Subhash Ingle	B. Sc-III
13.	Shaziya Anjum Wasim Khan	B. Sc-III
14.	Taufique Khan	B. Sc-III
15.	Shaikh Nadim Shaikh Wakil	B. Sc-III
16.	Shaikh Nadim Shaikh Wakil	B. Sc-III



Head

Mr. Shantaram Bhoje

Head
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)



Co-ordinator

Mr. Sachin D. Jadhav

Assistant Professor
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)



Shri Shivaji Education Society, Amravati
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade
Department of Zoology

Date: 08/08/2021

Notice

There will be a Group Discussion Activity on 13/08/2021 (Friday) for all the students of B. Sc. (I, II, and III). Interested students should enrol their names with respective teachers.

Note:

- Group discussion topic will be based on your syllabus
- Duration of group discussion is of 50 min.




Head of department
Head
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rty) Dist. Buldana(M.S.)



Shri Shivaji Education Society, Amravati
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade
Department of Zoology



Report on

Group Discussion held on 13/08/2021 on Friday of every month

Topic of Discussion: Phylums and Charactersticts of Chordates

The discussion was initiated with the question asked by the teacher; how many Phylum and Which Characters they bears in Chordates?

1. Total number of Phylum were mentioned by a student.
2. Another student mentioned the Classes of different phylum of Chordates.
3. Characteristics of different phylum of Chordates discussed by many students.

List of Participants

Sr.No.	Name Of Student	Class
1.	Aditi Supada Mathe	B. Sc-I
2.	Arshiya Mohammad Yusuf	B. Sc-I
3.	Ashwini Nimbaji Bhagat	B. Sc-I
4.	Bhagwat Suresh Satao	B. Sc-I
5.	Danish Mijazoddin Acejazoddin	B. Sc-I



Shri Shivaji Education Society, Amravati
Shri Pundlik Maharaj Mahavidyalaya, Nandura

Reaccredited by NAAC with 'C' grade
Department of Zoology

6.	Altamash Khan	B. Sc-II
7.	Arshiya Parveen	B. Sc-II
8.	Heram Mohata	B. Sc-II
9.	Khalid Baig	B. Sc-II
10.	Mukhtar Khan Ashfaque Khan	B. Sc-III
11.	Pavan Rameshwar Ingle	B. Sc-III
12.	Puja Duryodhan Ingle	B. Sc-III
13.	Sanket Kailasrao Tayade	B. Sc-III
14.	Shaikh Faizan Shaikh Ismail	B. Sc-III
15.	Rekha Gajanan Gawhad	B. Sc-III



Head

Mr. Shantaram Bhoje

Head
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)



Co-ordinator

Dr. R. B. Shinde

Assistant Professor
Department of Zoology
Shri Pundlik Maharaj Mahavidyalaya
Nandura(Rly) Dist. Buldana(M.S.)

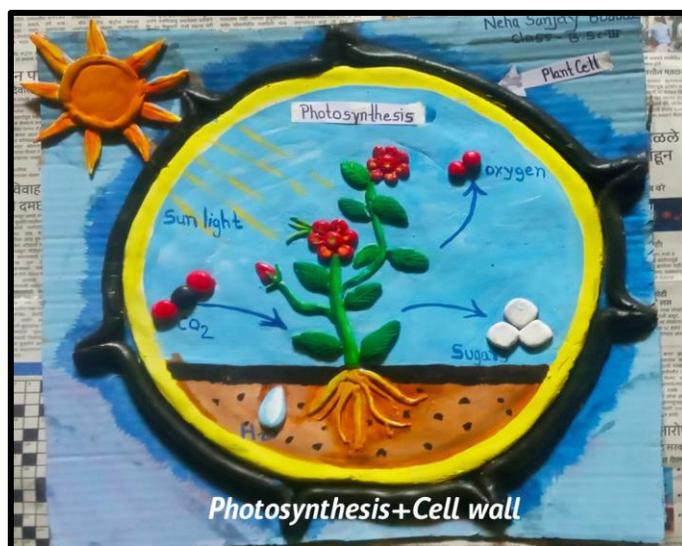
Criteria 2- Teaching- Learning and Evaluation (QIM 2.3.1)

Departmental Participative Activities

All departments have students association which enhances participative learning. All the departments of institute conducts various student centric activities like seminar, workshops, hands on instruments such as model making competition, diagram competition, poster competitions, essay competition, eco-friendly Ganesh idol making competitions, speech competitions, debate competitions, writing skill enhancement activities. These types of activities motivate students for more participative learning.



Botanical diagram making competition



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Seed ball making workshop



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Gaming activity (electron and me)



Poster competition in Zoology



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Wildlife photography competition



Poster making competition



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Inauguration of Zoology department association (SPM's Biocommunity)



2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools