



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Affiliated to Sant Gadge Baba Amravati University, Amravati

NAAC

Criterion-I

Curricular Aspects

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Nandgaon Khandeshwar, Amravati 

1.3 Curriculum Enrichment



1.3.3 Number of students undertaking project work/field work/internship



VINAYAK VIDNYAN MAHAVIDYALAYA

Nandgaon Khandeshwar, Dist. Amravati

(An Institute run by Pravin Khodke Memorial Trust, Amravati)

Sau. Sulbha Sanjay Khodke
(MLA, Amravati)
President, P.K.M Trust, Amt.

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Dr. Alka Anant Bhise
(Principal)
Mob.9823526341

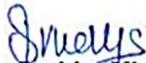
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Hence this certificate is issued.


Dr. Suchita Khodke
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati



Programme name	Program Code	List of students undertaking project work/field work/internship
BOT BSc. II	BOT SEM-III	List Attached
BOT BSc. II	BOT SEM-IV	
BOT BSc. III	BOT SEM-V	
BOT BSc. III	BOT SEM-VI	
ZOO BSc. II	ZOO SEM-III	List Attached
ZOO BSc. II	ZOO SEM-IV	
ZOO BSc. III	ZOO SEM-V	
ZOO BSc. III	ZOO SEM-VI	
CHE BSc. II	CHE SEM-III	List Attached
CHE BSc. II	CHE SEM-IV	
CHE BSc. III	CHE SEM-V	
CHE BSc. III	CHE SEM-VI	
PHY BSc. II	PHY SEM-III	List Attached
PHY BSc. II	PHY SEM-IV	
PHY BSc. III	PHY SEM-V	
PHY BSc. III	PHY SEM-VI	
MTH BSc. II	MTH SEM-III	List Attached
MTH BSc. II	MTH SEM-IV	
MTH BSc. III	MTH SEM-V	
MTH BSc. III	MTH SEM-VI	
CS BSc. II	CS SEM-III	List Attached
CS BSc. II	CS SEM-IV	
CS BSc. III	CS SEM-V	
CS BSc. III	CS SEM-VI	
ELE BSc. II	ELE SEM-III	List Attached
ELE BSc. II	ELE SEM-IV	
ELE BSc. III	ELE SEM-V	
ELE BSc. III	ELE SEM-VI	

List of Students undertaking project

Class : B.Sc II Sem III and Sem IV

Subject : Botany

Programme name : BOT BSc. II Program Code : BOT SEM-III and BOT SEM-IV

Roll No	Name
1.	Aarati Nandkishor Mokalekar
2.	Adarsh Sanjayrao Pande
3.	Adeeba Anam Ikramuddin .
4.	Alfiya Firdous Firoz Khan .
5.	Aniket Pramod Khode
6.	Aniket Rupraoji Chawale
7.	Aniket Sambhaji Meshram
8.	Anisha Vijay Deshmukh
9.	Ankush Maroti Jadhao
10.	Anurag Pundlikrao Zibalkar
11.	Ashwini Dhanraj Tirmare
12.	Ashwini Ravindra Wankhade
13.	Ayan Naim Khan
14.	Bhushan Yogeshwar Chawale
15.	Disha Vijay Khobragade
16.	Dnyaneshwari Pandit Zimate
17.	Gaurav Mahendra Avhale
18.	Gaurav Ramdhan Rathod
19.	Hassan Ahmd Rizwanullah Khan
20.	Jayshri Shamraoji Solanke
21.	Jyotsna Gajanan Laybar
22.	Krutika Kishor Bhende
23.	Leena Ganesh Ghodeswar
24.	Maaz Misbahuddin Sayyed
25.	Mamta Vijayrao Vaidya
26.	Manisha Sanjay Nimbarte
27.	Mohini Sunil Makode
28.	Nayana Dadarao Gopnarayan
29.	Pallavi Vilas Khune
30.	Payal Devidasrao Burade
31.	Pooja Devanand Zodape
32.	Prajakta Pramod Inzalkar
33.	Prajwal Balasaheb Khobragade
34.	Price Arvind Nandagawali
35.	Priti Gajanan Kerekar
36.	Pujan Onkarrao Bhasme
37.	Reva Mahendra Gedam
38.	Rohini Jagdish Bahurupi

39.	Rushi Sanjayrao Gadge
40.	Sakshi Baburao Madavi
41.	Sakshi Shyam Bavankule
42.	Salman Khan Yusuf Khan .
43.	Sanika Sahadev Lute
44.	Shaikh Sohel Shaikh Rashid .
45.	Shraddha Rajkumar Dhage
46.	Sneha Manohar Satpaise
47.	Syed Uzmain Syed Jameel .
48.	Tejas Pradip Tambatkar
49.	Vaishnavi Ramdas Neware
50.	Vaishnavi Anil More
51.	Vaishnavi Rajendra Ghawat
52.	Vrushali Namdeorao Nichat
53.	Yogini Lileshwar Mate
54.	Zuberkha Gaffarkha Pathan
55.	Aamrapali Ravindra Kale

Class : B.Sc III Sem V and VI

Subject : Botany

Programme name: BOT BSc. III **Program Code :** BOT SEM-V and BOT SEM-VI

Roll No	Name
1.	Aachal Rajendra Hambarde
2.	Achal Dilip Deshmukh
3.	Achal Nandkishor Charde
4.	Akshada Dnyaneshwar Dhandare
5.	Aman Ashpak Makwani
6.	Amruta Sopan Kale
7.	Arpita Pradiprao Thakare
8.	Ashutosh Dilip Ingole
9.	Divya Pramod Salve
10.	Kartik Ravindra Mahure
11.	Kiran Raju Banarase
12.	Kirti Dilip Pophale
13.	Komal Dnyaneshwar Pund
14.	Komal Jitendra Sen
15.	Mayuri Pravin Kapade
16.	Mayuri Rameshwar Deotale
17.	Mohd Anas Mohd Mustafa Makwani
18.	Nikhil Nandu Praghane
19.	Pranay Sanjay Marape
20.	Pratik Kanteshwar Inzalkar
21.	Pratiksha Anand Ingale
22.	Priyanka Rajkumar Gajbhiye

23.	Rakhi Ruprao Sonone
24.	Ravina Sandip Navnage
25.	Rina Pravin Pophale
26.	Rohan Ramrao Jadhao
27.	Sakshi Rameshwar Gulhane
28.	Sakshi Santosh Inzalkar
29.	Samiksha Pramod Dakare
30.	Sejal Gajanan Chandurkar
31.	Sharayu Purshottam Chaudhari
32.	Shital Subhashrao Lonare
33.	Shital Vijay Gadhave
34.	Shivani Jaypalsingh Chavhan
35.	Shraddha Anil Bankar
36.	Shreya Gajanan Dhoke
37.	Shreyaswi Ramesh Devtale
38.	Snehal Balu Kaware
39.	Vaishnavi Damodhar Rumne
40.	Vaishnavi Ravindra Khobragade
41.	Vaishnavi Ravindra Zatale

Class : B.Sc II Sem III and Sem IV

Subject : Zoology

Programme name : ZOO BSc. II Program Code : ZOO SEM-III and ZOO SEM-IV

Roll No	Name
1.	Aarati Nandkishor Mokalekar
2.	Adarsh Sanjayrao Pande
3.	Adeeba Anam Ikramuddin .
4.	Alfiya Firdous Firoz Khan .
5.	Aniket Pramod Khode
6.	Aniket Rupraoji Chawale
7.	Aniket Sambhaji Meshram
8.	Anisha Vijay Deshmukh
9.	Ankush Maroti Jadhao
10.	Anurag Pundlikrao Zibalkar
11.	Ashwini Dhanraj Tirmare
12.	Ashwini Ravindra Wankhade
13.	Ayan Naim Khan
14.	Bhushan Yogeshwar Chawale
15.	Disha Vijay Khobragade
16.	Dnyaneshwari Pandit Zimate
17.	Gaurav Mahendra Avhale
18.	Gaurav Ramdhan Rathod
19.	Hassan Ahmd Rizwanullah Khan
20.	Jayshri Shamraoji Solanke

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

21.	Jyotsna Gajanan Laybar
22.	Krutika Kishor Bhende
23.	Leena Ganesh Ghodeswar
24.	Maaz Misbahuddin Sayyed
25.	Mamta Vijayrao Vaidya
26.	Manisha Sanjay Nimbarte
27.	Mohini Sunil Makode
28.	Nayana Dadarao Gopnarayan
29.	Pallavi Vilas Khune
30.	Payal Devidasrao Burade
31.	Pooja Devanand Zodape
32.	Prajakta Pramod Inzalkar
33.	Prajwal Balasaheb Khobragade
34.	Price Arvind Nandagawali
35.	Priti Gajanan Kerekar
36.	Pujan Onkarrao Bhasme
37.	Reva Mahendra Gedam
38.	Rohini Jagdish Bahurupi
39.	Rushi Sanjayrao Gadge
40.	Sakshi Baburao Madavi
41.	Sakshi Shyam Bavankule
42.	Salman Khan Yusuf Khan .
43.	Sanika Sahadev Lute
44.	Shaikh Sohel Shaikh Rashid .
45.	Shraddha Rajkumar Dhage
46.	Sneha Manohar Satpaise
47.	Syed Uzmain Syed Jameel .
48.	Tejas Pradip Tambatkar
49.	Vaishnavi Ramdas Neware
50.	Vaishnavi Anil More
51.	Vaishnavi Rajendra Ghawat
52.	Vrushali Namdeorao Nichat
53.	Yogini Lileshwar Mate
54.	Zuberka Gaffarkha Pathan
55.	Aamrapali Ravindra Kale

Class : B.Sc III Sem V and VI

Subject : Zoology

Programme name: ZOO BSc. III Program Code : ZOO SEM-V and ZOO SEM-VI

Roll No	Name
1.	Aachal Rajendra Hambarde
2.	Achal Dilip Deshmukh
3.	Achal Nandkishor Charde
4.	Akshada Dnyaneshwar Dhandare

5.	Aman Ashpak Makwani
6.	Amruta Sopan Kale
7.	Arpita Pradiprao Thakare
8.	Ashutosh Dilip Ingole
9.	Divya Pramod Salve
10.	Kartik Ravindra Mahure
11.	Kiran Raju Banarase
12.	Kirti Dilip Pophale
13.	Komal Dnyaneshwar Pund
14.	Komal Jitendra Sen
15.	Mayuri Pravin Kapade
16.	Mayuri Rameshwar Deotale
17.	Mohd Anas Mohd Mustafa Makwani
18.	Nikhil Nandu Praghane
19.	Pranay Sanjay Marape
20.	Pratik Kanteshwar Inzalkar
21.	Pratiksha Anand Ingale
22.	Priyanka Rajkumar Gajbhiye
23.	Rakhi Ruprao Sonone
24.	Ravina Sandip Navnage
25.	Rina Pravin Pophale
26.	Rohan Ramrao Jadhao
27.	Sakshi Rameshwar Gulhane
28.	Sakshi Santosh Inzalkar
29.	Samiksha Pramod Dakare
30.	Sejal Gajanan Chandurkar
31.	Sharayu Purshottam Chaudhari
32.	Shital Subhashrao Lonare
33.	Shital Vijay Gadhave
34.	Shivani Jaypalsingh Chavhan
35.	Shraddha Anil Bankar
36.	Shreya Gajanan Dhoke
37.	Shreyaswi Ramesh Devtale
38.	Snehal Balu Kaware
39.	Vaishnavi Damodhar Rumne
40.	Vaishnavi Ravindra Khobragade
41.	Vaishnavi Ravindra Zatale

Class : B.Sc II Sem III and Sem IV

Subject : Chemistry

Programme name : CHE BSc. II Program Code : CHE SEM-III and CHE SEM-IV

Roll No	Name
1.	Aarati Nandkishor Mokalekar

2.	Adarsh Sanjayrao Pande
3.	Adeeba Anam Ikramuddin .
4.	Alfiya Firdous Firoz Khan .
5.	Aniket Pramod Khode
6.	Aniket Rupraoji Chawale
7.	Aniket Sambhaji Meshram
8.	Anisha Vijay Deshmukh
9.	Ankush Maroti Jadhao
10.	Anurag Pundlikrao Zibalkar
11.	Ashwini Dhanraj Tirmare
12.	Ashwini Ravindra Wankhade
13.	Ayan Naim Khan
14.	Bhushan Yogeshwar Chawale
15.	Disha Vijay Khobragade
16.	Dnyaneshwari Pandit Zimate
17.	Gaurav Mahendra Avhale
18.	Gaurav Ramdhan Rathod
19.	Hassan Ahmd Rizwanullah Khan
20.	Jayshri Shamraoji Solanke
21.	Jyotsna Gajanan Laybar
22.	Krutika Kishor Bhende
23.	Leena Ganesh Ghodeswar
24.	Maaz Misbahuddin Sayyed
25.	Mamta Vijayrao Vaidya
26.	Manisha Sanjay Nimbarte
27.	Mohini Sunil Makode
28.	Nayana Dadarao Gopnarayan
29.	Pallavi Vilas Khune
30.	Payal Devidasrao Burade
31.	Pooja Devanand Zodape
32.	Prajakta Pramod Inzalkar
33.	Prajwal Balasaheb Khobragade
34.	Price Arvind Nandagawali
35.	Priti Gajanan Kerekar
36.	Pujan Onkarrao Bhasme
37.	Reva Mahendra Gedam
38.	Rohini Jagdish Bahurupi
39.	Rushi Sanjayrao Gadge
40.	Sakshi Baburao Madavi
41.	Sakshi Shyam Bavankule
42.	Salman Khan Yusuf Khan .
43.	Sanika Sahadev Lute
44.	Shaikh Sohel Shaikh Rashid .
45.	Shraddha Rajkumar Dhage
46.	Sneha Manohar Satpaise

47.	Syed Uzmain Syed Jameel .
48.	Tejas Pradip Tambatkar
49.	Vaishnavi Ramdas Neware
50.	Vaishnavi Anil More
51.	Vaishnavi Rajendra Ghawat
52.	Vrushali Namdeorao Nichat
53.	Yogini Lileshwar Mate
54.	Zuberkha Gaffarkha Pathan
55.	Aamrapali Ravindra Kale
56.	Ahmar Waqqas Muhd Rafique
57.	Chetan Chandan Shinde
58.	Chetan Ganeshrao Vaidya
59.	Komal Rajesh Narode
60.	Pratik Rajendra Shendre
61.	Pratiksha Manohar Donarkar
62.	Sakshi Hemantrao Sonone
63.	Sameer Damodhar Dhomane
64.	Sanidhya Nandkishor Dhole
65.	Shaikh Tahir Shaikh Ameen .
66.	Shivam Shyam Bhusare
67.	Shyam Niranjana Kanse
68.	Vaishnavi Ratnakar Belsare
69.	Vishwajeetsingh Kailashsingh Thakur

Class : B.Sc III Sem V and VI

Subject : Chemistry

Programme name: CHE BSc. III **Program Code :** CHE SEM-V and CHE SEM-VI

Roll No	Name
1.	Aachal Rajendra Hambarde
2.	Achal Dilip Deshmukh
3.	Achal Nandkishor Charde
4.	Akshada Dnyaneshwar Dhandare
5.	Aman Ashpak Makwani
6.	Amruta Sopan Kale
7.	Arpita Pradiprao Thakare
8.	Ashutosh Dilip Ingole
9.	Divya Pramod Salve
10.	Kartik Ravindra Mahure
11.	Kiran Raju Banarase
12.	Kirti Dilip Pophale
13.	Komal Dnyaneshwar Pund
14.	Komal Jitendra Sen
15.	Mayuri Pravin Kapade
16.	Mayuri Rameshwar Deotale
17.	Mohd Anas Mohd Mustafa Makwani

18.	Nikhil Nandu Praghane
19.	Pranay Sanjay Marape
20.	Pratik Kanteshwar Inzalkar
21.	Pratiksha Anand Ingale
22.	Priyanka Rajkumar Gajbhiye
23.	Rakhi Ruprao Sonone
24.	Ravina Sandip Navnage
25.	Rina Pravin Pophale
26.	Rohan Ramrao Jadhao
27.	Sakshi Rameshwar Gulhane
28.	Sakshi Santosh Inzalkar
29.	Samiksha Pramod Dakare
30.	Sejal Gajanan Chandurkar
31.	Sharayu Purshottam Chaudhari
32.	Shital Subhashrao Lonare
33.	Shital Vijay Gadhave
34.	Shivani Jaypalsingh Chavhan
35.	Shraddha Anil Bankar
36.	Shreya Gajanan Dhoke
37.	Shreyaswi Ramesh Devtale
38.	Snehal Balu Kaware
39.	Vaishnavi Damodhar Rumne
40.	Vaishnavi Ravindra Khobragade
41.	Vaishnavi Ravindra Zatale
42.	Achal Ramdas Bijave
43.	Adiba Saman Anees Khan .
44.	Kalyani Narhari Wakode
45.	Rutik Tryambakrao Jawalkar
46.	Sahil Vikas Raut
47.	Sakshi Mahendra Dukare
48.	Sakshi Vilas Dhawale
49.	Sayali Pramod Gawande
50.	Sharaddha Vijay Raut
51.	Vevekanand Anil Pawar

Class : B.Sc II Sem III and Sem IV

Subject : Physics

Programme name : PHY BSc. II Program Code : PHY SEM-III and PHY SEM-IV

Roll No	Name
1.	Ahmar Waqqas Muhd Rafique
2.	Chetan Chandan Shinde
3.	Chetan Ganeshrao Vaidya
4.	Komal Rajesh Narode
5.	Pratik Rajendra Shendre

6.	Pratiksha Manohar Donarkar
7.	Sakshi Hemantrao Sonone
8.	Sameer Damodhar Dhokane
9.	Sanidhya Nandkishor Dhole
10.	Shaikh Tahir Shaikh Ameen .
11.	Shivam Shyam Bhusare
12.	Shyam Niranjana Kanse
13.	Vaishnavi Ratnakar Belsare
14.	Aachal Rajesh Tobre
15.	Prajwal Govindrao Kakade
16.	Yash Vinod Ravekar
17.	Ajinkya Sureshrao Daroi
18.	Buddhshanti Pramod Sukhdeve
19.	Pratik Jayvant Gadekar
20.	Prerna Sanjay Deshmukh
21.	Shantanu Avinash Solanke
22.	Vijay Niranjana Gedam
23.	Vrushabh Raju Raut

Class : B.Sc III Sem V and VI

Subject : Physics

Programme name: PHY BSc. III **Program Code :** PHY SEM-V and PHY SEM-VI

Roll No	Name
1.	Achal Ramdas Bijave
2.	Adiba Saman Anees Khan .
3.	Kalyani Narhari Wakode
4.	Rutik Tryambakrao Jawalkar
5.	Sahil Vikas Raut
6.	Sakshi Mahendra Dukare
7.	Sakshi Vilas Dhawale
8.	Sayali Pramod Gawande
9.	Sharaddha Vijay Raut
10.	Vevekanand Anil Pawar
11.	Adarsha Nivrutti Gavner
12.	Aditya Anil Deshmukh
13.	Aman Murlidhar Gawaner
14.	Aman Pradiprao Kakade
15.	Ambika Narhari Chavhan
16.	Chanchal Kishor Gajbhiye
17.	Mamta Sanjay Meshram
18.	Mo Abuzar Mo Iliyas Shaikh
19.	Mo Sajid Hamid Makrani
20.	Parivartan Arun Tayade
21.	Poornima Ganesh Raut
22.	Pranav Kishorrao Shelke

23.	Prathmesh Dadarao Hambarde
24.	Prathmesh Suresh Inzalkar
25.	Reshma Arunrao Margade
26.	Rohit Madan Bodhankar
27.	Roshan Rameshwar Kalalkar
28.	Sarvesh Dharmendra Virulkar
29.	Shreya Pramodrao Chore
30.	Shreyash Ramesh Kapse
31.	Talib Faooq Ramlani
32.	Yash Pramod More
33.	Yash Shyamkant Pawar
34.	Akansha Kashinath Raut
35.	Anuja Ajay Tayade
36.	Chaitali Sanjay Dok
37.	Damini Vilasrao Dhage
38.	Dattatrya Onkar Giri
39.	Durgesh Dhanjay Mendhe
40.	Gayatri Avinash Solanke
41.	Jay Shamrao Gawande
42.	Kiran Arun Kambale
43.	Manish Kishor Tarhekar
44.	Mayur Manish Tayade
45.	Ritesh Motiram Ghoddeswar
46.	Ritu Devnarayan Chaudhari
47.	Roshan Ashok Bharaskar
48.	Rutuja Sudhirrao Gulhane
49.	Sakshi Subhashrao Herode
50.	Shoeb Ahmad Noor
51.	Vaishnavi Gajanan Deulkar
52.	Vaishnavi Ravindra Gatule

Class : B.Sc II Sem III and Sem IV

Subject : Mathematics

Programme name : MTH BSc. II Program Code : MTH SEM-III and MTH SEM-IV

Roll No	Name
1.	Ahmar Waqqas Muhd Rafique
2.	Chetan Chandan Shinde
3.	Chetan Ganeshrao Vaidya
4.	Komal Rajesh Narode
5.	Pratik Rajendra Shendre
6.	Pratiksha Manohar Donarkar
7.	Sakshi Hemantrao Sonone
8.	Sameer Damodhar Dhokane
9.	Sanidhya Nandkishor Dhole
10.	Shaikh Tahir Shaikh Ameen .
11.	Shivam Shyam Bhusare

12.	Shyam Niranjan Kanse
13.	Vaishnavi Ratnakar Belsare
14.	Ajinkya Suresh Rao Daroi
15.	Aman Sanjeet Tadam
16.	Buddhshanti Pramod Sukhdeve
17.	Pratik Jayvant Gadekar
18.	Prerna Sanjay Deshmukh
19.	Shantanu Avinash Solanke
20.	Vijay Niranjan Gedam
21.	Vrushabh Raju Raut

Class : B.Sc III Sem V and VI

Subject : Mathematics

Programme name: MTH BSc. III Program Code : MTH SEM-V and MTH SEM-VI

Roll No	Name
1.	Achal Ramdas Bijave
2.	Adiba Saman Anees Khan .
3.	Kalyani Narhari Wakode
4.	Rutik Tryambakrao Jawalkar
5.	Sahil Vikas Raut
6.	Sakshi Mahendra Dukare
7.	Sakshi Vilas Dhawale
8.	Sayali Pramod Gawande
9.	Sharddha Vijay Raut
10.	Vevekanand Anil Pawar
11.	Akansha Kashinath Raut
12.	Anuja Ajay Tayade
13.	Chaitali Sanjay Dok
14.	Damini Vilasrao Dhage
15.	Dattatrya Onkar Giri
16.	Durgesh Dhanjay Mendhe
17.	Gayatri Avinash Solanke
18.	Jay Shamrao Gawande
19.	Kiran Arun Kambale
20.	Manish Kishor Tarhekar
21.	Mayur Manish Tayade
22.	Ritesh Motiram Ghoddeswar
23.	Ritu Devnarayan Chaudhari
24.	Roshan Ashok Bharaskar
25.	Rutuja Sudhirrao Gulhane
26.	Sakshi Subhashrao Herode
27.	Shoeb Ahmad Noor
28.	Vaishnavi Gajanan Deulkar
29.	Vaishnavi Ravindra Gatule

Class : B.Sc II Sem III and Sem IV

Subject : Computer Science

Programme name : CS BSc. II Program Code : CS SEM-III and CS SEM-IV

Roll No	Name
1.	Aachal Rajesh Tobre
2.	Prajwal Govindrao Kakade
3.	Sachin Kishor Raut
4.	Yash Vinod Ravekar
5.	Ajinkya Sureshrao Daroi
6.	Aman Sanjeet Tadam
7.	Buddhshanti Pramod Sukhdeve
8.	Pratik Jayvant Gadekar
9.	Prerna Sanjay Deshmukh
10.	Shantanu Avinash Solanke
11.	Vijay Niranjana Gedam
12.	Vrushabh Raju Raut

Class : B.Sc III Sem V and VI

Subject : Computer Science

Programme name: CS BSc. III Program Code : CS SEM-V and CS SEM-VI

Roll No	Name
1.	Adarsha Nivrutti Gavner
2.	Aditya Anil Deshmukh
3.	Aman Murlidhar Gawaner
4.	Aman Pradiprao Kakade
5.	Ambika Narhari Chavhan
6.	Chanchal Kishor Gajbhiye
7.	Mamta Sanjay Meshram
8.	Mo Abuzar Mo Iliyas Shaikh
9.	Mo Sajid Hamid Makrani
10.	Parivartan Arun Tayade
11.	Poornima Ganesh Raut
12.	Pranav Kishorrao Shelke
13.	Prathmesh Dadarao Hambarde
14.	Prathmesh Suresh Inzalkar
15.	Reshma Arunrao Margade
16.	Rohit Madan Bodhankar
17.	Roshan Rameshwar Kalalkar
18.	Sarvesh Dharmendra Virulkar
19.	Shreya Pramodrao Chore
20.	Shreyash Ramesh Kapse
21.	Talib Faooq Ramlani
22.	Yash Pramod More
23.	Yash Shyamkant Pawar
24.	Akansha Kashinath Raut

25.	Anuja Ajay Tayade
26.	Chaitali Sanjay Dok
27.	Damini Vilasrao Dhage
28.	Dattatrya Onkar Giri
29.	Durgesh Dhanjay Mendhe
30.	Gayatri Avinash Solanke
31.	Jay Shamrao Gawande
32.	Kiran Arun Kambale
33.	Manish Kishor Tarhekar
34.	Mayur Manish Tayade
35.	Ritesh Motiram Ghoddeswar
36.	Ritu Devnarayan Chaudhari
37.	Roshan Ashok Bharaskar
38.	Rutuja Sudhirrao Gulhane
39.	Sakshi Subhashrao Herode
40.	Shoeb Ahmad Noor
41.	Vaishnavi Gajanan Deulkar
42.	Vaishnavi Ravindra Gatule

Class : B.Sc II Sem III and Sem IV

Subject : Electronics

Programme name : CS BSc. II Program Code : CS SEM-III and CS SEM-IV

Roll No	Name
1.	Aachal Rajesh Tobre
2.	Prajwal Govindrao Kakade
3.	Yash Vinod Ravekar

Class : B.Sc III Sem V and VI

Subject : Electronics

Programme name: ELE BSc. III Program Code : ELE SEM-V and ELE SEM-VI

Roll No	Name
1.	Adarsha Nivrutti Gavner
2.	Aditya Anil Deshmukh
3.	Aman Murlidhar Gawaner
4.	Aman Pradiprao Kakade
5.	Ambika Narhari Chavhan
6.	Chanchal Kishor Gajbhiye
7.	Mamta Sanjay Meshram
8.	Mo Abuzar Mo Iliyas Shaikh
9.	Mo Sajid Hamid Makrani
10.	Parivartan Arun Tayade
11.	Poornima Ganesh Raut
12.	Pranav Kishorrao Shelke
13.	Prathmesh Dadarao Hambarde
14.	Prathmesh Suresh Inzalkar
15.	Reshma Arunrao Margade

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

16.	Rohit Madan Bodhankar
17.	Roshan Rameshwar Kalalkar
18.	Sarvesh Dharmendra Virulkar
19.	Shreya Pramodrao Chore
20.	Shreyash Ramesh Kapse
21.	Talib Faooq Ramlani
22.	Yash Pramod More
23.	Yash Shyamkant Pawar

Sneha
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Bhish
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan. Dist. Amravati

Sample Copies of Project Records

Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.



Project Topics: B.Sc. II Sem IV (Summer 23)

Session 2022-23

Date: 18 April 2023

Sr. No.	Name of Students	Topics	Date	Signature
1	Aarati N.Mokalekar	Cell wall –Structure and Functions	18/4/2023	A.N.Mokalekar
2	Adarsh S.Pande	Mitochondrial DNA and Chloroplast DNA	18/4/2023	Adarsh
3	Adeeba Anam	Nomenclature of Enzymes	18/4/2023	Adeeba
4	Aditya K. Pawar	Mitochondrial DNA and Chloroplast DNA	18/4/2023	Aditya
5	Aniket R. Chawale	Mitochondrial DNA and Chloroplast DNA	18/4/2023	Aniket
6	Aniket S.Meshram	Mitochondrial DNA and Chloroplast DNA	18/4/2023	Aniket
7	Anisha V.Deshmukh	Cell wall –Structure and Functions	18/4/2023	Anisha
8	Ankush M. Jadhao	Numerical aberrations of chromosome	18/4/2023	Ankush
9	Anushri G. Rohankar	Numerical aberrations of chromosome	18/4/2023	Anushri
10	Amrapali R. Kale	Numerical aberrations of chromosome	18/4/2023	Amrapali
11	Ashwini D. Tirmare	Cell wall –Structure and Functions	18/4/2023	Ashwini
12	Ashwini R. Wankhade	Numerical aberrations of chromosome	18/4/2023	Ashwini
13	Ayan N.Khan	Characteristics of Enzymes	18/4/2023	Ayan
14	Bhushan Y.Chawale	Chromosome- Morphology	18/4/2023	Bhushan
15	Diksha V. Khobragade	Cell wall –Structure and Functions	18/4/2023	Diksha
16	Gaurav M. Avhale	Chromosome- Morphology	18/4/2023	G.M. Avhale
17	Gaurav R. Rathod	Structural aberrations of chromosome	18/4/2023	G.Rathod

18	Hassan R.Khan	Nomenclature of Enzymes	18/4/2023	Hassan
19	Indrajeet P.Tirsingh	Structural aberrations of chromosome	18/4/2023	Indrajeet
20	Jayshri S.Solanke	Plasma membrane –Structure and Functions	18/4/2023	J.S.Solanke
21	Jyotsna G. Laybar	Gene mutations- Spontaneous and Induced	18/4/2023	Jyotsna
22	Leena G. Ghodeswar	Plasma membrane –Structure and Functions	18/4/2023	Leena
23	Maaz M. Sayyed	Characteristics of Enzymes	18/4/2023	Maaz
24	Mamta V. Vaidya	Chromosome- Morphology	18/4/2023	Mamta
25	Mohini S.Makode	Gene mutations- Spontaneous and Induced	18/4/2023	Mohini
26	Nayana D. Gopnarayan	Plasma membrane –Structure and Functions	18/4/2023	Nayana
27	Pallavi V.Khune	Plasma membrane –Structure and Functions	18/4/2023	P.V.Khune
28	Payal D.Burade	Nomenclature of Enzymes	18/4/2023	Payal
29	Pooja D. Zodape	Nomenclature of Enzymes	18/4/2023	Pooja
30	Prajakta P.Inzalkar	Cell cycle: Meiosis	18/4/2023	Prajakta
31	Prince A.Nandagawal	Characteristics of Enzymes	18/4/2023	Prince
32	Reva M. Gedam	Cell cycle: Meiosis	18/4/2023	Reva
33	Rohini J. Bahurupi	Gene mutations- Spontaneous and Induced	18/4/2023	Rohini
34	Rushi S. Gadge	Characteristics of Enzymes	18/4/2023	Rushi
35	Sakshi S. Bavankule	Gene mutations- Spontaneous and Induced	18/4/2023	Sakshi
36	Salman Kh.Y.Khan	Structural aberrations of chromosome	18/4/2023	Salman
37	Sanika S. Lute	Cell cycle: Meiosis	18/4/2023	Sanika
38	Sk. Sohail Sk. Rashid	Structural aberrations of chromosome	18/4/2023	Sk. Rashid
39	Shraddha R. Dhage	Cell cycle: Meiosis	18/4/2023	Shraddha
40	Sneha M. Satpaise	Cell cycle: Mitosis	18/4/2023	S.M.Satpaise
41	Syed U. Syed Jameel	Characteristics of Enzymes	18/4/2023	Syed
42	Tejas P. Tambatkar	Chromosome- Morphology	18/4/2023	Tejas
43	Vaishnavi A. More	Cell cycle: Mitosis	18/4/2023	V.A.More
44	Vaishnavi R. Ghawat	Cell cycle: Mitosis	18/4/2023	V.R.Ghawat
45	Yogini L. Mate	Cell cycle: Mitosis	18/4/2023	Yogini
46	Zuberka G. Pathan	Characteristics of Enzymes	18/4/2023	Zuberka

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Project Topics: B.Sc. III Sem VI (Summer 23)

Session 2022-2023

Date: 20 April 2023

Sr. No.	Name of Students	Project Topics	Date	Signature
1	Achal Rajendra Hambarde	Griffith's Experiment	20/4/2023	H. Hambarde
2	Achal Dilip Deshmukh		20/4/2023	A. Deshmukh
3	Achal Nandkishor Charde		20/4/2023	A. Charde
4	Akshada D. Dhandare		20/4/2023	A. Dhandare
5	Aman Ashpak Makwani	DNA Packaging - Nucleosome and Solenoid	20/4/2023	A. Makwani
6	Amruta Sopan Kale		20/4/2023	A. Kale
7	Arpita Pradiprao Thakare		20/4/2023	A. Thakare
8	Ashutosh D. Ingole	Fine structure of Gene	20/4/2023	A. D. Ingole
9	Kartik Ravindra Mahure		20/4/2023	K. Mahure
10	Kiran Raju Banarase		20/4/2023	K. Banarase
11	Kirti Dilip Pophale		20/4/2023	K. Pophale
12	Komal Dnyaneshwar Pund	Regulation of Gene Expression-Lac Operon	20/4/2023	K. Pund
13	Komal Jitendra Sen		20/4/2023	K. Sen
14	Mayuri Pravin Kapade		20/4/2023	M. Kapade
15	Mayuri Rameshwar Deotale	Protein Trafficking	20/4/2023	M. R. Deotale
16	Mohd Anas Makwani		20/4/2023	M. Anas
17	Nikhil Nandu Praghane		20/4/2023	N. Praghane
18	Pawan G. Sonatake	Protein Trafficking	20/4/2023	P. G. Sonatake
19	Pranay Sanjay Marape		20/4/2023	P. S. Marape
20	Pratik Kanteshwar Inzalkar		20/4/2023	P. Inzalkar

21	Pratiksha Anand Ingale	Restriction Enzymes - Nomenclature and Types	20/4/2023	P. Ingale
22	Priyanka Rajkumar Gajbhiye		20/4/2023	P. Gajbhiye
23	Rakhi Ruprao Sonone		20/4/2023	R. Sonone
24	Ravina Sandip Navnase	Polymerase Chain Reaction (PCR)	20/4/2023	R. Navnase
25	Rina Pravin Pophale		20/4/2023	R. Pophale
26	Rohan Ramrao Jadhao		20/4/2023	R. Jadhao
27	Sakshi Rameshwar Gulhane		20/4/2023	S. Gulhane
28	Sakshi Santosh Inzalkar	Tissue Culture Technique -Micro-propagation	20/4/2023	S. Inzalkar
29	Samiksha Pramod Dakare		20/4/2023	S. Dakare
30	Sejal Gajanan Chandurkar		20/4/2023	S. Chandurkar
31	Sharayu P. Chaudhari	Genetically Modified Organisms	20/4/2023	S. Chaudhari
32	Shital Subhashrao Lonare		20/4/2023	S. Lonare
33	Shital Vijay Gadhave		20/4/2023	S. Gadhave
34	Shivani J. Chavhan		20/4/2023	S. Chavhan
35	Shraddha Anil Bankar	Fermentation Technology- Bakery Products	20/4/2023	S. Bankar
36	Shreya Gajanan Dhoke		20/4/2023	S. G. Dhoke
37	Shreyaswi Ramesh Devtale		20/4/2023	S. Devtale
38	Snehal Balu Kaware	Fermentation Technology- Bakery Products	20/4/2023	S. Kaware
39	Vaishnavi D. Rumne		20/4/2023	V. Rumne
40	Vaishnavi R. Khobragade		20/4/2023	V. Khobragade
41	Vaishnavi Ravindra Zatale	20/4/2023	V. Zatale	

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Nandgaon khandeshwar, Dist-Amravati



Department of
Botany

PROJECT
B.Sc.III Sem VI

PROJECT TOPIC: DNA Packaging Nucleosome and solenoid

Project Submitted by: Apita padiprao Thakare
Aman Makiwani, Amruta Kale, Ashutosh Ingle

Smellye
Supervisor
Dr. Suchita Khodke
Head
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

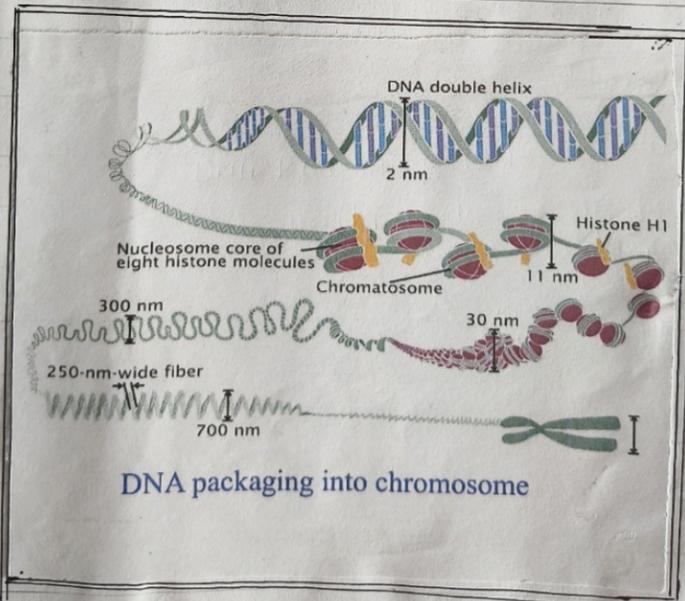
Smellye
Head of Department
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Head
Dept. of Botany
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Date: 20-04-2023
Supervisor Remark _____

Academic Session 2022-2023

∴ Contain ∴-

- Introduction
- Need for Packaging
- Packaging of DNA into nucleus
- order of Packaging
- 1st order - Nucleosome
Proteins involved in packaging
Components of Nucleosome
- 2nd order - Solenoid fiber
- 3rd order - Chromatids
- 4th order - chromosome
- Conclusion
- Reference



:- INTRODUCTION :-

• DNA Packaging - Nucleosome and solenoid

DNA is the only components of chromosome which acts as a heredity materials

The most important property of DNA is super

coiling DNA is condensed in to a complex structure

with histone and non-histone proteins DNA is wrapped around a core of histone molecule and non-histone molecule and non-histone are somehow associated with that complex.

chromatin - In the nucleoplasm of interphase

nucleus a dark network is seen which is formed of chromatin The chromosome during interphase

becomes very loosely coiled, long, thin, thread, spread throughout the nucleus this is called as chromatin

(meaning coloured materia) This means that the

chromosome in the interphase are called as chromatin

chromatin consists of DNA proteins and

very small amount of RNA. Reger kamberg

in 1974 reported that chromosome is made of DNA

and protein The organization of DNA is much

complex in eukaryotes. Each chromosome contains

a single DNA molecule extending from one end

of the chromosome to the other end DNA molecule

extending from one end of DNA packaging.

• Packaging of DNA in nucleus

The DNA structure was proposed by Watson and Crick. According to them the DNA is a double-helical structure with two polynucleotide strands running anti-parallel to each other. This double helix is negatively charged due to the presence of phosphate groups in the DNA backbone.

The cell makes histone proteins that bind the DNA to counterbalance the negative charge. These histone proteins are involved in DNA packaging. Have you ever wondered how DNA is present in a nucleus smaller than it? This can be explained by the process of DNA packaging. DNA is an organic complex molecular structure found in both prokaryotic and eukaryotic cells and also in many viruses. It is a hereditary material which is found in the nucleus of the cell and is mainly involved in carrying genetic information.

The DNA structure has the following characteristics:

The strands of the DNA are helically wound. Every single strand forms a right-handed coil. The pitch of each helix is 3.32 nm, and about 10 nucleotides make up one turn. The distance between two succeeding base pairs is 0.34 nm.

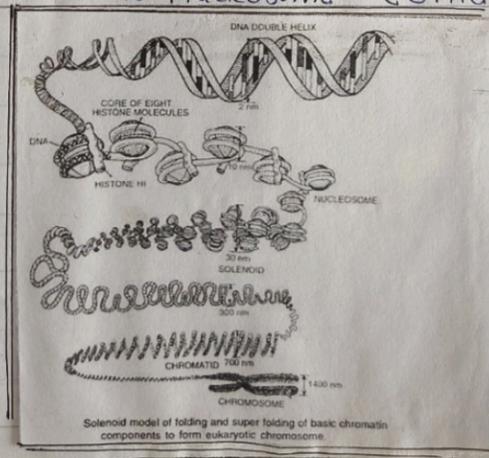
The proteins in the chromatin are two types

- 1) Basic proteins or Histones
- 2) Non-histone chromosomal proteins.

Histones :- Histones are basic proteins which are important structural component of the chromosome or chromatin. They are present in the equal amount as DNA in the chromatin of eukaryotes. The histones of all the plants and animals consist of five different major proteins. These five major histones are called as H1, H2a, H2b, H3 and H4. Histone in combination with DNA form the basic structural subunits of chromatin or chromosome which are called as nucleosomes.

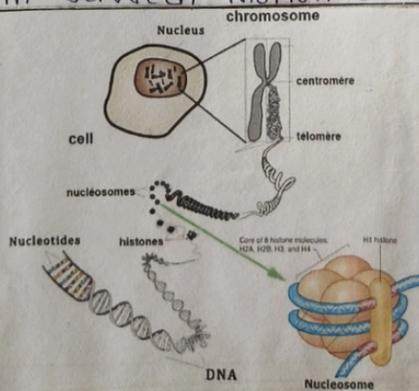
Nucleosome :-

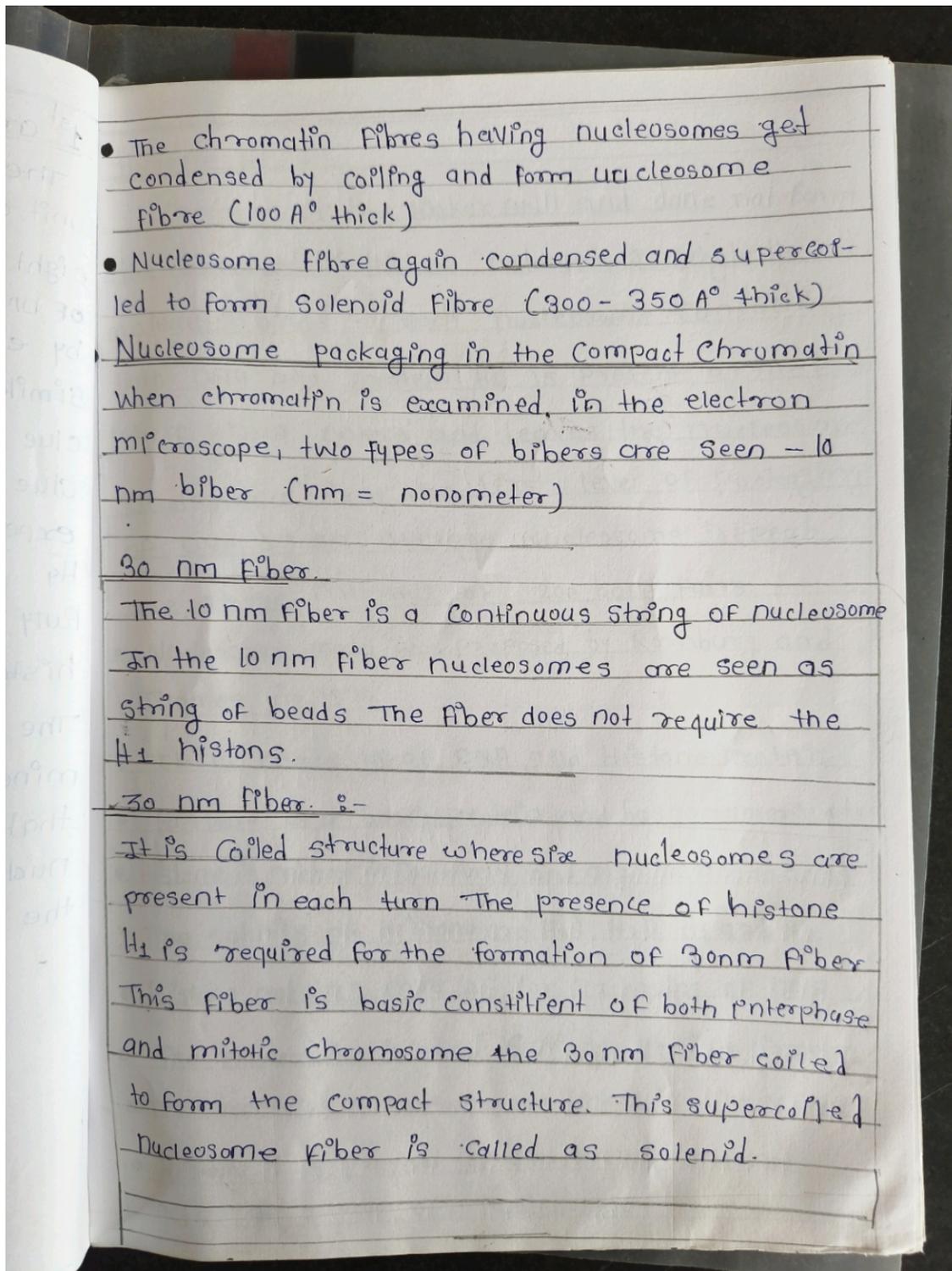
The fundamental subunit of chromatin made up of histone and DNA is called as Nucleosome. The nucleosome contains



1st order - Nucleosome

The basic repeating structural (and functional) unit of chromatin is the nucleosome which contain eight histone proteins and about 146 base pairs of DNA (Van Holde 1988: WIFFE) The observation by electron microscopists that chromatin appeared similar to beads on a string provided an early clue that nucleosome exist (olins and olins another clue come from chemically cross-linking) This experiment demonstrated that H2A, H2B, H3 and H4 form a discrete protein octamer which is fully consistent with the presence of a repeating histone-containing unit in the chromatin fiber. The amount of DNA per nucleosome was determined by treating chromatin with an enzyme that cuts DNA one such enzyme micrococcal Nuclease has the important property of cutting the linker DNA between mononucleosome.





- The chromatin fibres having nucleosomes get condensed by coiling and form nucleosome fibre (100 Å thick)

- Nucleosome fibre again condensed and supercoiled to form solenoid fibre (300 - 350 Å thick)

Nucleosome packaging in the Compact Chromatin
When chromatin is examined, in the electron microscope, two types of fibers are seen - 10 nm fiber (nm = nanometer)

10 nm fiber

The 10 nm fiber is a continuous string of nucleosomes. In the 10 nm fiber nucleosomes are seen as string of beads. The fiber does not require the H₁ histone.

30 nm fiber :-

It is coiled structure where size nucleosomes are present in each turn. The presence of histone H₁ is required for the formation of 30 nm fiber. This fiber is basic constituent of both interphase and mitotic chromosome. The 30 nm fiber coiled to form the compact structure. This supercoiled nucleosome fiber is called as solenoid.

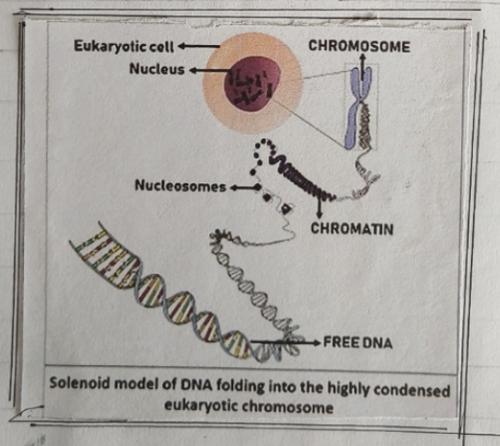
Histone H₁ :-

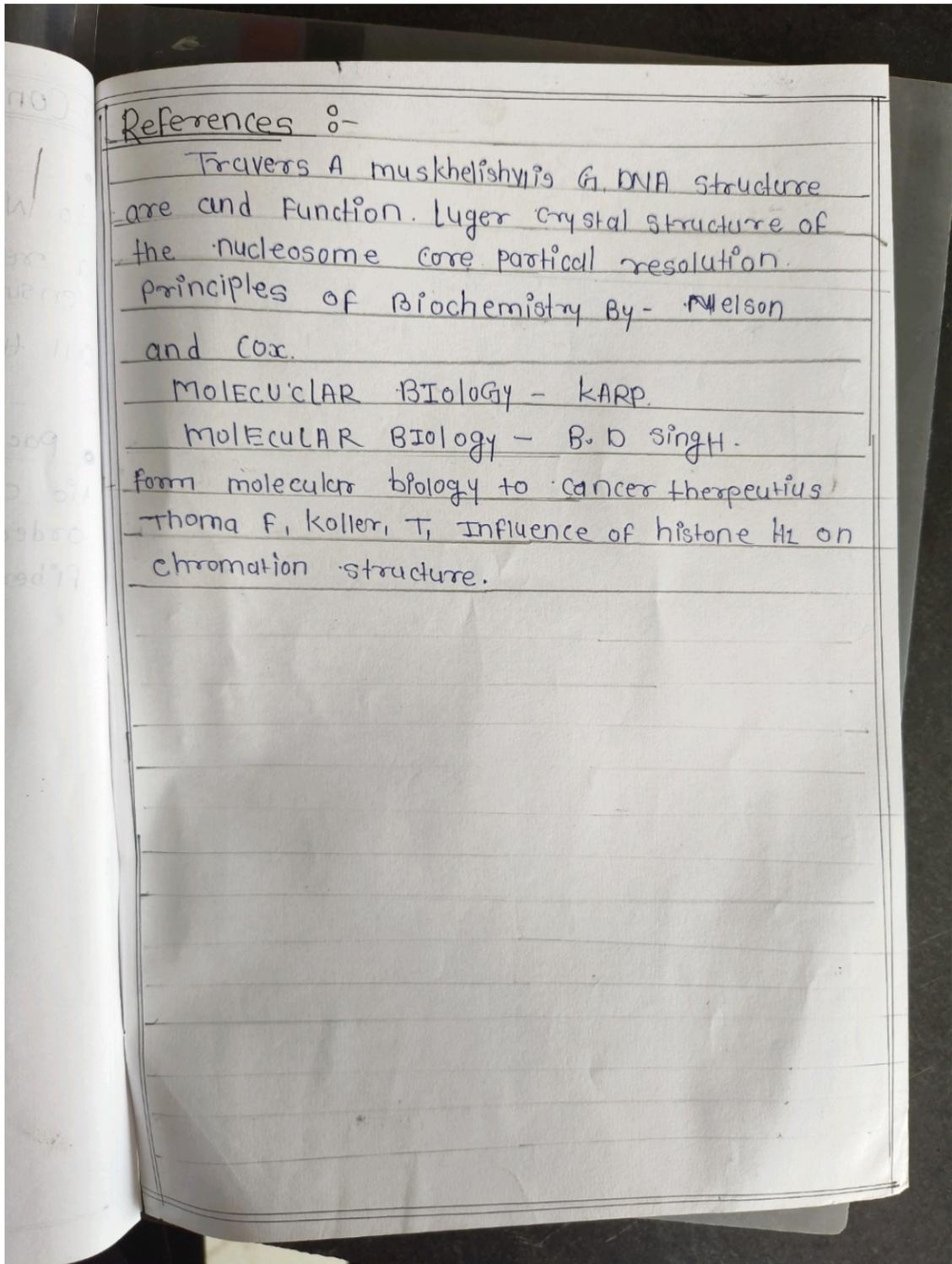
is present on the linker DNA and does not form the component of Histone octamer. A single H₁ molecule binds to each nucleosome contacting both DNA and protein. H₁ is present at the point where DNA enters and leaves the nucleosome. Nucleosomes form the first level of packaging of DNA on an average. Nucleosome repeats are at the intervals of 200 base pairs.

- Nucleosome model was proposed by Kornberg and Thomas in 1974
- It is made up of DNA and Histone protein
- Histone is a basic protein and has octameric structure
- Histone is rich in positively charged arginine amino acids
- The subunits of Histone are H₂A, H₂B, H₃ and H₄
- Histone acts as core for packaging of DNA
- The nucleosome is about 60 Å high 110 Å in diameter
- The successive nucleosomes are linked by linker DNA
- Histone H₁ is present on linker DNA and not acts as a part of nucleosome

:- Conclusion :-

- A single human cell contains enough DNA to wrap around the cell over 15,000 times. As a result DNA packing is critical because it ensures that the extra DNA can fit into a cell that is several times smaller.
- Packaging is a characteristic feature of Eukaryotic chromosomal organization. It involves various orders like formation of Nucleosome, Solenoid fiber and then Chromosome.





Vinayak Vidnyan Mahavidyalaya, Nandgaon (Kh)

Session: 2022-23

Department: Zoology

B.Sc. II, Sem III (Winter)

Projects

(Weightage 04 marks)

Sr. No.	Name of Students	Projects Assigned	Teacher Incharge	Submission Sign
1.	Aarati Nandkishor Mokalekar	Classification of Chordate	Dr P. S. Mahalle	A.N Mokalekar
2.	Adarsh Sanjayrao Pande			Pande
3.	Adeeba Anam Ikramuddin			Adiluz
4.	Aniket Pramod Khode			APKhale
5.	Aniket Rupraoji Chawale			AChowale
6.	Aniket Sambhaji Meshram			Meshram
7.	Anisha Vijay Deshmukh	Amphioxus: External Character	Dr P. S. Mahalle	Anishavijay
8.	Ankush Maroti Jadhao			Ankush
9.	Aditya Kishore Pawar			APawar
10.	Amrapali Ravindra Kale			AKale
11.	Ashwini Dhanraj Tirmare			Ashwini
12.	Ashwini Ravindra Wankhade			AWankhade
13.	Ayan Naim Khan	Scoliodon : External Character , Scale , Lateral Line receptor	Dr G. S. Pachlore	Ayan
14.	Bhushan Yogeshwar Chawale			BChawale
15.	Diksha Vijay Khobragade			D.V.khobragade
16.	Dnyaneshwari Pandit Zimate			DZimate
17.	Gaurav Mahendra Avhale			GAvhale
18.	Gaurav Ramdhan Rathod			GRathod
19.	Hassan Ahmad Rizwanullah Khan	Types of migration in Fishes	Dr G. S. Pachlore	Hassan
20.	Jayshri Shamraoji Solanke			J.S.Solanke
21.	Jyotsna Gajanan Laybar			JLaybar
22.	Krutika Kishor Bhende			KBhende
23.	Leena Ganesh Ghodeswar			LGHodeswar
24.	Maaz Misbahuddin Sayyed			Maaz
25.	Mamta Vijayrao Vaidya	Parental Care in Frog	Mr S. N. Bansod	M.V.vaidya
26.	Manisha Sanjay Nimbarte			MNimbarte
27.	Mohini Sunil Makode			MSMakode
28.	Nayana Dadarao Gopnarayan			NGopnarayan
29.	Pallavi Vilas Khune			P.V.Khune
30.	Payal Devidasrao Burade			P.Burade
31.	Pooja Devanand Zodape	Heart of Frog	Mr S. N. Bansod	PZodape
32.	Prajakta Pramod Inzalkar			PInzalkar
33.	Prajwal Balasaheb Khobragade			P.Khobragade
34.	Prince Arvind Nandagawali			PNandagawali

35.	Priti Gajanan Kerekar	Urinogenital System of Garden Lizard Male and Female	Dr S. P. Tinkhede	P. Kerekar
36.	Reva Mahendra Gedam			Reva Gedam
37.	Rohini Jagdish Bahurupi			R. Bahurupi
38.	Rushi Sanjayrao Gadge			Rushi Gadge
39.	Sakshi Baburao Madavi			S. Madavi
40.	Sakshi Shyam Bavankule			S. Bavankule
41.	Salman Khan Yusuf Khan			S. Khan
42.	Sanika Sahadev Lute	S. Lute		
43.	Shaikh Sohel Shaikh Rashid	Snake Diversity of local area Venomous and Non Venomous	Dr S. P. Tinkhede	S. Rashid
44.	Shraddha Rajkumar Dhage			S. Dhage
45.	Sneha Manohar Satpaise			S. Satpaise
46.	Syed Uzmain Syed Jameel			S. Uzmain
47.	Tejas Pradip Tambatkar			T. Tambatkar
48.	Vaishnavi Ramdas Neware			V. Neware
49.	Vaishnavi Anil More			V. More
50.	Vaishnavi Rajendra Ghawat	Geological Time Scale	Dr S. P. Tinkhed	V. Ghawat
51.	Vrushali Namdeoraio Nichat			V. Nichat
52.	Yogini Lileshwar Mate			Y. Mate
53.	Zuberkha Gaffarkha Pathan			Z. Pathan
54.	Indrajeet Tirsinge			I. Tirsinge
55.	Anushree Rohankar			A. Rohankar

Teacher Incharge

1) Subodh N. Bansod -

2) Dr. S. P. Tinkhede

3) Dr. G. S. Pathan

Head Dept. of Zoology

Dept. of Zoology

Vinayak Vidnyan Mahavidyalaya,
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Vinayak Vidnyan Mahavidyalaya, Nandgaon (Kh)

Session: 2022-23

Department: Zoology

B.Sc. III, Sem V (Winter)

Project Assignment

Alloted Date: 24/11/ 2022

Submission Date: 30/11/ 2022

Sr. No.	Name of Students	Project Title	Teacher Incharge	Signature of Students
1	Aman Ashpak Makwani	Biodiversity of Birds at Baslapur Nursery and Malkhed Dam Tahsil Chandur Rly, Dist Amravati	S. N. Bansod	
2	Aachal R. Hambarde			
3	Achal D. Deshmukh			
4	Achal Nandkishor Charde			
5	Akshada D. Dhandare			
6	Amruta Sopan Kale			
7	Arpita Pradiprao Thakare			
8	Ashutosh Dilip Ingole			
9	Deep Chaudhary			
10	Kiran Raju Banarase			
11	Kirti Dilip Pophale	Use of different herbicides, pesticides and insecticides in Nandgaon Tahasil	Dr. G. S. Pachlore	
12	Komal D. Pund			
13	Komal Jitendra Sen			
14	Mayuri Pravin Kapade			
15	Mayuri Rameshwar Deotale			
16	Mo Anas Mo Mustafa Makwani			
17	Nikhil Nandu Praghane			
18	Pranay Sanjay Marape			
19	Pratik Kanteshwar Inzalkar			
20	Vaishnavi Ravindra Zatale			
21	Pratik Pramodrao Chaudhari	Blood group Survey of students and staff of Vinayak Vidnyan Mahavidyalaya, Nandgaon (Kh)	Dr. S.P. Tinkhede	
22	Pratiksha Anand Ingle			
23	Priyanka Rajkumar Gajbhiye			
24	Rakhi Ruprao Sonone			
25	Ravina Sandip Navnage			
26	Rina Pravin Pophale			
27	Sakshi Rameshwar Gulhane			
28	Sakshi Santosh Inzalkar			
29	Samiksha Pramod Dakare			
30	Sejal Gajananrao Chandurkar			

31	Sharayu Purshottam Chaudhari	Biodiversity of fishes at Baslapur fishery and Malkhed dam tehsil Chandur Rly, Dist. Amravati	Dr. P. S. Mahalle	<i>Shendras</i>
32	Shital Subhashrao Lonare			<i>Lonare</i>
33	Shital Vijay Gadhave			<i>Bahar</i>
34	Shivani Jaypalsingh Chavhan			<i>Chavhan</i>
35	Shraddha Anilrao Bankar			<i>Bankar</i>
36	Shreya Gajanan Dhoke			<i>S. G. Dhoke</i>
37	Shreyaswi Ramesh Devtale			<i>Devale</i>
38	Snehal Balu Kaware			<i>Kaware</i>
39	Vaishnavi Damodhar Rumne			<i>Rumne</i>
40	Vaishnavi Ravindra Khobragade			<i>Khobragade</i>
41	Rohan Jadhav			<i>Jadhav</i>
42	<i>Dr. Kartik R. Mahure</i>			<i>Mahure</i>

Teacher incharge

Dr. Pratibha Mahalle (HOD)

Dr. Gajendrasingh Pachlore

Mr. Subodh Bansod

Dr. Swapnil Tinkhede

psmahalle

G

Subodh

S. P. Tinkhede

psmahalle
Head
Dept. of Zoology
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.

Notice

This is to inform to the Students of B.Sc. III SEM VI , that the Project of Semester VI have been assigned to you in the following list .Please refer the following list and contact your supervising teacher as early as possible. Last date to submit the project is 24th April 2023.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist Amravati.

Session - 2022-23 (Session II) SEM VI

Project.

Department of Zoology

Class: B.Sc. III

Sr.No	Name	Project Title	Date of submission	Sign	Supervising Teacher
1.	Akshada Dhandare	A write up on Extraction of DNA from fish Fin Using Amrita Virtual Lab Animation and video for reference		<i>Akshada</i>	Dr. Pratibha Mahalle
2.	Shejal Chandurkar			<i>Shejal</i>	
3.	Shreya Dhoke			<i>S.G. Dhoke</i>	
4.	Shivani Chavhan			<i>Shivani</i>	
5.	Shreyashvi Deotale			<i>Shreyashvi</i>	
6.	Sakshi Gulhane			<i>Sakshi</i>	
7.	Snehal Kaware			<i>Snehal</i>	
8.	Kiran Banarase			<i>Kiran</i>	
9.	Rakhi Sonone			<i>Rakhi</i>	
10.	Vaishnavi Rumane			<i>Rumane</i>	
11.	Shital Lonare	Write up on PCR Using Amrita Virtual Lab Animation and video for reference		<i>Shital</i>	Dr. Gajendrasingh Pachlore
12.	Vaishnavi Zatale		20-4-2023	<i>Vaishnavi</i>	
13.	Arpita Thakare			<i>Arpita</i>	
14.	Rina Pophale			<i>Rina</i>	
15.	Samiksha Dakre			<i>Samiksha</i>	
16.	Priyanka Gajbhiye			<i>P. Gajbhiye</i>	
17.	Achal Humbarde			<i>Achal</i>	
18.	Kirti Pophale			<i>Kirti</i>	
19.	Mayuri Kapde			<i>M. Kapde</i>	
20.	Sakshi Inzalkar			<i>Sakshi</i>	
21.	Achal Dilip Deshmukh	Write up on Agarose Gel electrophoresis Using Amrita Virtual Lab Animation and video for reference		<i>Achal</i>	Mr Subodh Bansod
22.	Achal Nandkishor Charde			<i>Achal</i>	
23.	Aman Ashpak Makwani			<i>Aman</i>	
24.	Amruta Sopan Kale			<i>Amruta</i>	
25.	Ashutosh Dilip Ingole			<i>Ashutosh</i>	
26.	Kartik Ravindra Mahure			<i>K. Mahure</i>	
27.	Komal Dnyaneshwar Pund		20-4-2023	<i>K.D.Pund</i>	

28.	Komal Jitendra Sen		20-4-23	<i>K.Sen.</i>	
29.	Mayuri Rameshwar Deotale			<i>HD</i>	
30.	Mohd Anas Mohd Mustafa Makwani			<i>Ana</i>	
31.	Nikhil Nandu Praghane	Write up on restriction digestion Using Amrita Virtual Lab Animation and video for reference	18/04/23	<i>N. Praghane</i>	Dr. Swapnil Tinkhede
32.	Pawan Gajanan Sontakke			<i>P. Sontakke</i>	
33.	Pranay Sanjay Marape			<i>P. Marape</i>	
34.	Pratik Kanteshwar Inzalkar			<i>P. Inzalkar</i>	
35.	Pratiksha Anand Ingale			<i>P. Ingale</i>	
36.	Ravina Sandip Navnage			<i>R. Navnage</i>	
37.	Rohan Ramrao Jadhao			<i>R. Jadhao</i>	
38.	Sharayu Purshottam Chaudhari		18-04-23	<i>S. Chaudhari</i>	
39.	Shital Vijay Gadhave		18/04/23	<i>S. Gadhave</i>	
40.	Shraddha Anil Bankar		1	<i>S. Bankar</i>	
41.	Vaishnavi Ravindra Khobragade			<i>V. Khobragade</i>	

Note:

1. Only one Report Submission Per Group is expected with color Printout.
2. Submit the report with duly signed cover page.
3. Refer page 3 of this pdf for Cover page template.

p.s. Mahalle
(Dr. PRATIBHA S. MAHALLE)
 Assst. Prof & Head
 Department of Zoology
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Kh. Dist. Amravati



Vinayak Vidnyan Mahavidyalaya

Nandgaon Khandeshwar, Dist. Amravati

Department of Zoology

Project Report

Session II (Summer 2022-2023)

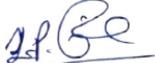
B.Sc. III (SEM VI)

Topic

Restriction digestion

Student Names

- | | |
|---------------------------------|------------------------------------|
| 1. <u>Nikhil Nandu Praghane</u> | 6. <u>Pavan G. Sontakke</u> |
| 2. <u>Pratik K. Inzalkar</u> | 7. <u>Pranay S. Marape</u> |
| 3. <u>Sharayu P. Chaudhari</u> | 8. <u>Roban R. Jadhao</u> |
| 4. <u>Shital V. Gadhave</u> | 9. <u>Ravina S. Navnage</u> |
| 5. <u>Shraddha A. Bankar</u> | 10. <u>Vaishnavi R. Khebragade</u> |


Supervising Teacher


Head of the department
(Dr. PRATIBHA S. MAHALLE)
Asstt. Prof & Head
Department of Zoology
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh. Dist. Amravati

Restriction Digestion

Objective:

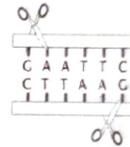
To perform restriction digestion of DNA with EcoRI and BamHI enzymes.



Principle:

Restriction enzymes are Nucleases which can cleave the sugar-phosphate backbone of DNA, found in bacteria. As they cut within the molecule, they are commonly called restriction endonucleases. They specifically cleave the nucleic acids at specific nucleotide sequence called Restriction sites to generate a set of smaller fragments

Restriction enzymes form part of the restriction-modification system of bacterial cells that provides protection against invasion of the cell by foreign DNA – especially bacteriophage DNA. But the cells own DNA is not cleaved by these Restriction enzymes. This self protection is achieved by the help of the specific DNA methyltransferase enzyme which will methylates the specific DNA sequence for its respective restriction enzymes by transferring methyl groups to adenine or cytosine residues to produce N6-methyladenine or S-methylcytosine. An interesting feature of restriction endonuclease is that they commonly recognize recognition sequences that are mostly palindromes - they shows the same forward (5' to 3' on the top strand) and backward (5' to 3' on the bottom strand) sequences. In other words, they are nucleotide sequences or complementary strands that read the same in opposite direction.



Types of restriction and modification (R-M) system:

Type I enzymes :- Type I restriction enzymes exhibit both restriction and DNA modification activities. They require the cofactors such as Mg²⁺ ions, S-adenosylmethionine (SAM) and ATP for their activity. The recognition sequences are quite long with no recognizable features such as symmetry. Type I restriction endo nucleases cleaves DNA at nonspecific sites and that can be 1000 base pair or more from recognition sequence. However, because the methylation reaction is performed by the same enzyme which mediates cleavage, the target DNA may be modified before it is cut. Because of these features, the type I systems are of little value for gene manipulation.

Type II enzymes :- Type II enzymes and their corresponding modification methyltransferases act as separate proteins. They have a number of advantages over type I and III systems. First, restriction and modification are mediated by separate enzymes so it is possible to cleave DNA in the absence of modification. Secondly, the restriction activities do not require cofactors such as ATP or S-adenosylmethionine, making them easier to use. They require only Mg²⁺ ions as cofactors. These enzymes are site-specific as they hydrolyze specific phosphodiester bonds in both DNA strands. Class II restriction endonucleases are generally used as the key material in molecular biology and recombinant DNA techniques, including genome mapping, RFLP analysis, DNA sequencing, and cloning.

Type III enzymes :- Like Class I enzymes, Type III enzymes possess both restriction and modification activities. They recognize specific sequences and cleave 25 - 27 base pairs outside of the recognition sequence, in a 3' direction. They require Mg²⁺ ions for their activity.

Type IIs enzymes, have similar cofactors and macromolecular structure to those of type II systems, the fact that restriction occurs at a distance from the recognition site limits their usefulness.

Nomenclature:

The first three letters of the restriction enzyme refer to the organism from which the restriction enzyme was originally isolated, the fourth letter (if present) refers to the strain, and the Roman numerals serve as indices if the same organism contains several different restriction enzymes.

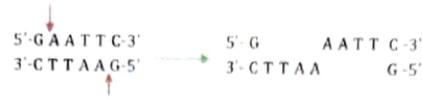
e.g. EcoRI and EcoRV are both from Escherichia coli, strain R; I and V are the order in which they were discovered.

Restriction Enzyme Nomenclature	
Enzyme	Enzyme Source
EcoRI	Escherichia coli, strain R, I st enzyme
HindIII	Haemophilus influenzae, strain d, 3 rd enzyme
BamHI	Bacillus amyloliquefaciens, strain H, I st enzyme
SmaI	Serratia marcescens, I st enzyme
HaeIII	Haemophilus aegyptius, 3 rd enzyme

Restriction Enzyme cleavage:

Class II restriction enzymes generate three types of DNA ends, all possessing 5'-phosphate and 3'-hydroxyl groups:

a) Cohesive 5' ends:- For example, ends generated by EcoRI



b) Cohesive 3' ends:- For example, ends generated by *Pst* I



c) Blunt ends:- For example, ends generated by *Hae* III



Sticky ends (Blunt ends) are produced by cutting the DNA in a staggered manner within the recognition site producing single stranded DNA ends. These ends have identical nucleotide sequence and are sticky because they can bind to complementary tails of other DNA fragments cut by the same Restriction enzyme.

	Restriction Enzyme	Organism	Recognition sequence	Cut Site	Blunt or Sticky end
1	<i>Eco</i> RI	<i>Escherichia coli</i>	5'GAATTC 3'CTAAG	5'...G AATTC...3' 3'...CTTAA G...5'	Sticky
2	<i>Bam</i> HI	<i>Bacillus amyloliquefaciens</i>	5'GGATCC 3'CCTAGG	5'...G GATCC...3' 3'...CCTAG G...5'	Sticky
3	<i>Bgl</i> II	<i>Bacillus globigii</i>	5'AGATCT 3'TCTAGA	5'...A GATCT...3' 3'...TCTAG A...5'	Sticky
4	<i>Pvu</i> II	<i>Providencia vulgaris</i>	5'GAGCTG 3'GTGGAC	5'...CAG CTG...3' 3'...GTC GAC...5'	Blunt
5	<i>Hind</i> III	<i>Haemophilus influenzae Rd</i>	5'AAGCTT 3'TTCAA	5'...A AAGCTT...3' 3'...TTCAA A...5'	Sticky
6	<i>Sau</i> 3A	<i>Staphylococcus aureus</i>	5'GATC 3'CTAG	5'... GATC...3' 3'...CTAG ...5'	Sticky
7	<i>Acl</i> I	<i>Arthrobacter luteus</i>	5'AGCT 3'TCGA	5'...AG CT...3' 3'...TC GA...5'	Blunt
8	<i>Taq</i> I	<i>Thermus aquaticus</i>	5'TCGA 3'AGCT	5'...T CGA...3' 3'...AGC T...5'	Sticky
9	<i>Hae</i> III	<i>Haemophilus aegyptius</i>	5'GGCC 3'CCGG	5'...GG CC...3' 3'...CC GG...5'	Blunt
10	<i>Nci</i> I	<i>Nocardia orientislovaticum</i>	5'GGGCGGC 3'CCCGGGC	5'...GC GCGGC...3' 3'...CGCGG GC...5'	Sticky

Isoschizomers and neoschizomers:

Different restriction enzymes, isolated from different organisms can have identical recognition sequences, such enzymes are called isoschizomers. Neoschizomers are isoschizomeric enzymes but it cleaves at different recognition site.

Applications:

Restriction enzymes are powerful tools of molecular genetics used to:

- Map DNA molecules
- Analyze population polymorphisms
- Rearrange DNA molecules
- Prepare molecular probes
- Create mutants

Factors affecting Restriction Enzyme Activity:

Temperature: Most digestions are carried out at 37°C. However, there are a few exceptions e.g., digestion with Sma I is carried out at lower temperatures (-25°C), while with Taq I at higher temperature i.e., 65°C.

Buffer Systems: Tris-HCl is the most commonly used buffering agent in incubation mixtures, which is temperature dependent. Most restriction enzymes are active in the pH range 7.0-8.0.

Ionic Conditions: Mg²⁺ is an absolute requirement for all restriction endonucleases, but the requirement of other ions (Na⁺/K⁺) varies with different enzymes.

Methylation of DNA: Methylation of specific adenine or cytosine residues within the recognition sequence of the restriction enzyme affects the digestion of DNA.

Star Activity:-

It is an alteration of the specificity of restriction enzyme mediated cleavage of DNA that can occur under some non standard conditions that differ from the optimum for the enzyme. This alteration leads to the cleavage at non specific sites.

Nonstandard conditions include:

1. High pH (>8.0).
2. Glycerol concentrations >5% (important, because enzymes are usually delivered as concentrated stock in 50% glycerol).
3. High concentration of enzyme (>100 U/μg of DNA).
4. Prolonged incubation time with enzyme.
5. Presence of organic solvents in the reaction (e.g., phenol, chloroform, ethanol, DMSO).
6. Incorrect cofactor (i.e., Mn²⁺, Hg²⁺ or Co²⁺ instead of Mg²⁺).

To avoid star activity, always use the optimal buffer system and enzyme amount recommended. Make sure that the DNA preparation is free of organic solvents and contaminating salts.

Note:

Please check "Procedure tab" if you have issues loading the simulator.

Restriction Digestion

Flash EOL

Animation link: https://vlab.amrita.edu/repo/BIOTECH/MCL/Restriction_digestion/index.swf

Simulation link: <https://vlab.amrita.edu/repo/BIOTECH/MIC/Restriction%20Enzyme/RestrictionEnzyme.swf>

Materials Required

- Microcentrifuge tubes
- Vial stand
- 10 μ l pipette
- Pipette tips
- Beaker
- Table top mini centrifuge
- Incubator
- Reagents

Procedure

1. Transfer the following solutions in a micro centrifuge tube.

Item	Amount
Deionized water	5 μ L
10X Reaction Buffer	1 μ L
Plasmid DNA	3 μ L
EcoRI Enzyme	0.5 μ L
BamHI Enzyme	0.5 μ L
Total	10 μL

2. Incubate the mixture at 37 $^{\circ}$ C for 1 h to overnight. Keep the tubes in -4 $^{\circ}$ C freezer or in -20 $^{\circ}$ C freezer, after the incubation.

Precaution

- Make sure that the restriction enzyme does not exceed more than 10% of the total reaction volume, otherwise the glycerol and the EDTA in the enzyme storage buffer may inhibit digestion process.

Differences Encountered in Real Laboratory

- After performing the experiment, confirm the Digestion of DNA by running a small amount of it in agarose gel with an undigested standard DNA.
- Some restriction enzymes require BSA. In such cases make sure that, it is added to the reaction mixture. Restriction enzymes that do not require BSA for optimal activity are not adversely affected if BSA is present in the reaction.
- Before performing the experiment, check whether the restriction enzymes have star activity or not.

Help:

Unfortunately, this Virtual Lab requires Adobe Flash player. Please see additional information if this does not work on your computer

- For Google Chrome - <https://support.google.com/chrome/answer/6258784?co=GENIE.Platform%3DDesktop&hl=en>
- For Microsoft Edge - <https://support.microsoft.com/en-in/help/4532571/microsoft-edge-turn-on-flash>
- For Mozilla Firefox - <https://support.mozilla.org/en-US/kb/install-flash-plugin-view-videos-animations-games>

On GNU/Linux machines, please see appropriate online help. For example,

- on Ubuntu - <https://help.ubuntu.com/stable/ubuntu-help/nef-install-flash.html.en>
- on Fedora - <https://docs.fedoraproject.org/en-US/quick-docs/using-adobe-flash/>



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DEPARTMENT OF PHYSICS

NOTICE

All the students of B.Sc. Physics IInd year IIIrd semester and IIIrd year Vth semester in the academic year 2022-2023 are hereby informed that students must complete the project, prepare a project report with the help of the concerned teacher mentioned in the table below, and submit it before Tuesday, 15th November 2022 on the topic assigned in the table below,

List of B.Sc. Physics IInd year IIIrd semester

Sr. No.	Student Name	Topic	Name of Guide
1	Ahmar Waqqas Muhammad Rafique	Balloon car	Dr. A. S. Wadatkar
2	Chetan Chandan Shinde	— —	Dr. A. S. Wadatkar
3	Chetan Ganeshrao Vaidya	Balloon car	Dr. A. S. Wadatkar
4	Ajinkya Sureshrao Daroi	Newton's cradle.	Dr. A. S. Wadatkar
5	Pratik Rajendra Shendre	Newton's cradle	Dr. A. S. Wadatkar
6	Sakshi Hemantrao Sonone	Newton's cradle	Dr. A. S. Wadatkar
7	Pratik Jayvant Gadekar	Periscope.	Dr. A. S. Wadatkar
8	Sameer Damodhar Dhokane	Periscope	Dr. A. S. Wadatkar
9	Shaikh Tahir Shaikh Ameen	— —	Dr. P. B. Kharat
10	Shivam Shyam Bhusare	Archimedes screw.	Dr. P. B. Kharat
11	Shyam Niranjana Kanse	Archimedes screw	Dr. P. B. Kharat
12	Vaishnavi Ratnakar Belsare	Archimedes screw	Dr. P. B. Kharat
13	Aachal Rajesh Tobre	Clap switch	Dr. P. B. Kharat
14	Prajwal Govindrao Kakade	Clap switch	Dr. P. B. Kharat
15	Sachin Kishor Raut	Clap switch	Dr. P. B. Kharat
16	Buddhshanti Pramod Sukhdeve	Rain alarm	Dr. P. B. Kharat
17	Komal Rajesh Narode	Rain alarm	Mr. A. V. Ambhore
18	Yash Vinod Ravekar	Rain alarm	Mr. A. V. Ambhore
19	Prerna Sanjay Deshmukh	Water Level Indicator	Mr. A. V. Ambhore
20	Sanidhya Nandkishor Dhole	Water Level Indicator	Mr. A. V. Ambhore
21	Shantanu Avinash Solanke	Water Level Indicator	Mr. A. V. Ambhore
22	Ajay Narayan Shete	Syringe Robotic Arm	Mr. A. V. Ambhore
23	Vijay Niranjana Gedam	Syringe Robotic Arm	Mr. A. V. Ambhore
24	Vishwajeetsingh K Thakur	— —	Mr. A. V. Ambhore

List of B.Sc. Physics IIIrd year Vth semester

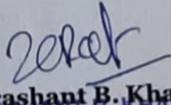
Sr. No.	Student Name	Topic	Name of Guide
1	Achal Ramdas Bijave	Design & fabrication of mask vending machine	Dr. A. S. Wadtkar
2	Adarsha Nivrutti Gavner	Design & fabrication of mask	Dr. A. S. Wadtkar
3	Adiba Saman Anees Khan .	Design & fabrication of mask	Dr. A. S. Wadtkar
4	Aditya Anil Deshmukh	Free energy generator with magnet	Dr. P. B. Kharat
5	Akansha Kashinath Raut	Free Energy Generator with magnet	Dr. P. B. Kharat
6	Aman Murlidhar Gawaner	Free energy generator with magnet	Dr. P. B. Kharat
7	Aman Pradiprao Kakade	Rain Detection Alarm	Dr. P. B. Kharat
8	Ambika Narhari Chavhan	Rain Detection Alarm	Dr. P. B. Kharat
9	Anuja Ajay Tayade	Rain detection Alarm	Dr. P. B. Kharat
10	Chaitali Sanjay Dok	construction of heat sensor using IC-LM35	Dr. P. B. Kharat
11	Chanchal Kishor Gajbhiye	construction of heat sensor using IC-LM35	Dr. P. B. Kharat
12	Damini Vilasrao Dhage	construction of heat sensor using IC-LM35	Dr. P. B. Kharat
13	Dattatrya Onkar Giri	Electromagnetic induction	Dr. P. B. Kharat
14	Durgesh Dhanjay Mendhe	Electromagnetic induction	Dr. P. B. Kharat
15	Gayatri Avinash Solanke	electromagnetic induction	Dr. P. B. Kharat
16	Jay Shamrao Gawande	Design & fabrication of mask bag vending machine	Dr. P. B. Kharat
17	Kalyani Narhari Wakode	Design & fabrication of mask bag vending machine	Dr. P. B. Kharat
18	Kiran Arun Kambale	LED cube	Dr. P. B. Kharat
19	Mamta Sanjay Meshram	LED cube	Dr. P. B. Kharat
20	Manish Kishor Tarhekar	LED cube	Dr. P. B. Kharat
21	Mayur Manish Tayade	Free energy generator with magnet	Dr. P. B. Kharat
22	Mo Abuzar Mo Iliyas Shaikh	Free energy generator with generator	Dr. A. S. Wadtkar
23	Mo Sajid Hamid Makrani	Free energy generator with generator	Dr. A. S. Wadtkar
24	Parivartan Arun Tayade	Design and fabrication of bag mask vending machine	Dr. A. S. Wadtkar
25	Poornima Ganesh Raut	Design and fabrication of bag mask vending machine	Dr. A. S. Wadtkar
26	Pranav Kishorrao Shelke	Design and fabrication of leg mask vending machine	Dr. A. S. Wadtkar
27	Prathmesh Suresh Inzalkar	Design and fabrication of leg mask vending machine	Dr. A. S. Wadtkar
28	Reshma Arunrao Margade	Automatic street light	Mr. A. V. Ambhore
29	Ritesh Motiram Ghoddeswar	Automatic street light	Mr. A. V. Ambhore
30	Ritu Devnarayan Chaudhari	Automatic Street Light	Mr. A. V. Ambhore
31	Rohit Madan Bodhankar	Automatic street light	Mr. A. V. Ambhore
32	Roshan Ashok Bharaskar	Earthquake alarm	Mr. A. V. Ambhore
33	Roshan Rameshwar Kalalkar	Earthquake alarm	Mr. A. V. Ambhore
34	Rutik Tryambakrao Jawalkar	Earthquake alarm	Mr. A. V. Ambhore
35	Rutuja Sudhirrao Gulhane	Earthquake alarm	Mr. A. V. Ambhore
36	Sahil Vikas Raut	Auto control for three-phase induction motor.	Mr. A. V. Ambhore
37	Sakshi Mahendra Dukare	Water Dispenser	Mr. A. V. Ambhore
38	Sakshi Subhashrao Herode	Water Dispenser	Mr. A. V. Ambhore
39	Sakshi Vilas Dhawale	Water Dispensers	Mr. A. V. Ambhore

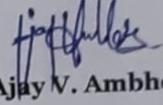
40	Sayali Pramod Gawande	Ropeway model.	Mr. A. V. Ambhore
41	Sharaddha Vijay Raut	Ropeway model	Mr. A. V. Ambhore
42	Shoeb Ahmad Noor	Ropeway model	Mr. A. V. Ambhore
43	Shreya Pramodrao Chore	Hand water pump	Mr. A. V. Ambhore
44	Shreyash Ramesh Kapse	Hand water pump	Mr. A. V. Ambhore
45	Talib Faooq Ramlani	Hand water pump	Mr. A. V. Ambhore
46	Vaishnavi Gajanan Deulkar	Design and construction of Battery level indicator	Mr. A. V. Ambhore
47	Vaishnavi Ravindra Gatule	Design & construction of Battery level indicator	Dr. P. B. Kharat
48	Vevekanand Anil Pawar	Design and construction of battery level indicator	Dr. P. B. Kharat
49	Yash Pramod More	Solar mobile charger	Mr. A. V. Ambhore
50	Yash Shyamkant Pawar	Solar mobile charger	Mr. A. V. Ambhore

Students must complete the project and submit the project report in the due period as per the above-assigned topics in the Department of Physics to the concerned teacher.

Faculty members

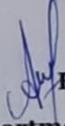

Dr. Anant S. Wadtkar
 Assistant Professor and Head
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh.), Dist. Amravati


Dr. Prashant B. Kharat
 Assistant Professor
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khandeshwar, Amravati


Mr. Ajay V. Ambhore

Date: Monday, 1st August 2022

Place: Nandgaon Khandeshwar, Dist. Amravati.


Head
 Department of Physics
Dr. Anant S. Wadtkar
 Assistant Professor and Head
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh.), Dist. Amravati



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DEPARTMENT OF PHYSICS

PROJECT SUBMISSION SHEET

(Academic Year 2022-2023)

List of B.Sc. Physics IInd year IIIrd semester

Sr. No.	Student Name	Topic	Signature Remarks
1	Ahmar Waqqas Muhammad Rafique	Balloon car	Ahmar
2	Chetan Chandan Shinde	Balloon car	Chetan
3	Chetan Ganeshrao Vaidya	Balloon car	
4	Ajinkya Sureshrao Daroi	Newton's Cradle	Ajinkya
5	Pratik Rajendra Shendre	Newton's Cradle	
6	Sakshi Hemantrao Sonone	Newton's Cradle	Sonone
7	Pratik Jayvant Gadekar	Periscope	Gadekar
8	Sameer Damodhar Dhokane	Periscope	Dhokane
9	Shaikh Tahir Shaikh Ameen	Periscope	Shaikh Tahir
10	Shivam Shyam Bhusare	Archimedes Screw	Bhusare
11	Shyam Niranjana Kanse	Archimedes Screw	Kanse
12	Vaishnavi Ratnakar Belsare	Archimedes Screw	Belsare
13	Aachal Rajesh Tobre	Clap switch	Tobre
14	Prajwal Govindrao Kakade	Clap switch	Kakade
15	Sachin Kishor Raut	Clap switch	Raut
16	Buddhshanti Pramod Sukhdeve	Rain alarm	Sukhdeve
17	Komal Rajesh Narode	Rain alarm	Narode
18	Yash Vinod Ravekar	Rain alarm	Ravekar
19	Prerna Sanjay Deshmukh	Water Level Indicator	Deshmukh
20	Sanidhya Nandkishor Dhole	Water level Indicator	Dhole
21	Shantanu Avinash Solanke	Water level Indicator	Solanke
22	Ajay Narayan Shete	Syringe Robotic Arm	A.N. Shete
23	Vijay Niranjana Gedam	Syringe Robotic Arm	V.N. Gedam
24	Vishwajeetsingh K Thakur	Syringe Robotic Arm	Thakur

List of B.Sc. Physics IIIrd year Vth semester

Sr. No.	Student Name	Topic	Remarks
1	Achal Ramdas Bijave	Design and fabrication of mask / Bag vending machine.	Bijave

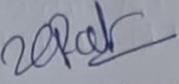
B.Sc. Part III Sem V
(2022-23)
PROJECT SUBMISSION

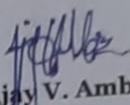
1) Achal Ramdas Bijre	Design and fabrication of mask vending machine	Achal
2) Adarsha Nivrutti Gavner		
3) Adiba Saman Anees Khan	DESIGN AND FABRICATION OF MASK/ BAG VENDING MACHINE	Adiba
4) Aditya Anil Deshmukh	Free energy generate with magnet	Nahik
5) Akansha Kashinath Raut	Free Energy generator with magnet	A.P. Raut
6) Aman Murlidhar Gawaner	Free energy generator with magnet	A.P. Raut
7) Aman Pradiprao Kakade	Rain detection alarm	A.P. Kulkarni
8) Ambika Narhari Chavhan	Rain detection alarm	A.P. Kulkarni
9) Anuja Ajay Tayade	Rain detection alarm	A.P. Kulkarni
10) Chaitali Sanjay Dok	Construction of heat sensor	A.P. Kulkarni
11) Chanchal Kishor Gajbhiye	construction of heat sensor	A.P. Kulkarni
12) Damini Vilasrao Dhage	Construction of Heat sensor	A.P. Kulkarni
13) Dattatrya Onkar Giri	Construction of Heat sensor	A.P. Kulkarni
14) Durgesh Dhanjay Mendhe	Construction of Heat sensor	A.P. Kulkarni
15) Gayatri Avinash Solanke	Electromagnetic induction model	A.P. Kulkarni
16) Jay Shamrao Gawande	design and fabrication of mask/ bag vending machine	J.S. Gawande
17) Kalyani Narhari Wakode	Electromagnetic Induction	K.Wakode
18) Kiran Arun Kambale	Electromagnetic Induction model	K.Kambale
19) Mamta Sanjay Meshram	LED cube	M.M. Meshram
20) Manish Kishor Tarhekar	LED cube	M.K. Tarhekar
21) Mayur Manish Tayade	Ze. LED cube	M.M. Meshram
22) Mo Abuzar Mo Iliyas Shaikh	design and fabrication of mask/ bag vending machine	M.A. Shaikh
23) Mo Sajid Hamid Makrani	design and fabrication of mask/ bag vending machine	M.S. Hamid
24) Parivartan Arun Tayade	design and fabrication of mask/ bag vending machine	P.A. Tayade
25) Poornima Ganesh Raut	Automatic street light	P.G. Raut
26) Pranav Kishorrao Shelke	design and fabrication of mask/ bag vending machine	P.K. Shelke
27) Prathmesh Suresh Inzalkar	Automatic street light	P.S. Inzalkar
28) Reshma Arunrao Margade	Automatic street light	R.M. Margade
29) Ritesh Motiram Ghoddeswar	Automatic street light	R.M. Ghoddeswar
30) Ritu Devnarayan Chaudhari	Automatic street light	R.D. Chaudhari
31) Rohit Madan Bodhankar	Earthquake alarm	R.B. Bodhankar
32) Roshan Ashok Bharaskar	Earthquake alarm	R.A. Bharaskar
33) Roshan Rameshwar Kalalkar	Earthquake alarm	R.R. Kalalkar
34) Rutik Tryambakrao Jawalkar	Auto control with 3-Phase	R.T. Jawalkar
35) Rutuja Sudhirrao Gulhane	Earthquake alarm	R.G. Gulhane
36) Sahil Vikas Raut	Auto control with 3-Phase inductive nature	S.V. Raut
37) Sakshi Mahendra Dukare	Water Dispersion	S.M. Dukare
38) Sakshi Subhashrao Herode	Water Dispersion	S.S. Herode
39) Sakshi Vilas Dhawale	Water Dispersion	S.V. Dhawale
40) Sayali Pramod Gawande	Ropway model	S.P. Gawande
41) Sharddha Vijay Raut	Ropway model	S.V. Raut
42) Shoeb Ahmad Noor	Ropway model	S.A. Noor

43	Shreya Pramodrao Chore	Hand water pump	S.p.chore
44	Shreyash Ramesh Kapse	Hand water pump	Shreyash
45	Talib Faooq Ramlani	Hand water pump	Talib
46	Vaishnavi Gajanan Deulkar	Design and construction of Battery level indicator	Deulkar
47	Vaishnavi Ravindra Gatule	Design and construct battery level indicator	Gatule
48	Vevekanand Anil Pawar	Design and construct battery level indicator	V.A.Pawar
49	Yash Pramod More	Solar mobile charger	Yash
50	Yash Shyamkant Pawar	Solar mobile charger	Yash

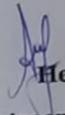
Faculty members


Dr. Anant S. Wadkatkar
 Assistant Professor and Head
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh.), Dist. Amravati


Dr. Prashant B. Kharat
 Dr. PRASHANT B. KHARAT
 Assistant Professor
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khandeshwar, Amravati


Mr. Ajay V. Ambhore

Date: Tuesday, 15th November 2022
 Place: Nandgaon Khandeshwar, Dist. Amravati.


Head
 Department of Physics
Dr. Anant S. Wadkatkar
 Assistant Professor and Head
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh.), Dist. Amravati



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED

Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya

Tq. Nandgaon Khandeshwar, Dist. Amravati

DEPARTMENT OF PHYSICS

NOTICE

All the students of B.Sc. Physics IInd year IVth semester and IIIrd year VIth semester in the academic year 2022-2023 are hereby informed that students must complete the project, prepare a project report with the help of the concerned teacher mentioned in the table below, and submit it before Monday, 15th May 2023 on the topic assigned in the table below,

List of B.Sc. Physics IInd year IVth semester

Sr. No.	Student Name	Topic	Name of Guide
1	Ahmar Waqqas Muhammad Rafique	Construct the model to study the laws of reflection of sound	Dr. A. S. Wadtkar
2	Chetan Chandan Shinde	The study the charge & discharge	Dr. A. S. Wadtkar
3	Chetan Ganeshrao Vaidya	Construct the model to study reflection	Dr. A. S. Wadtkar
4	Ajinkya Sureshrao Daroi	Construct the model to study the	Dr. A. S. Wadtkar
5	Pratik Rajendra Shendre	To study and construct a circuit	Dr. A. S. Wadtkar
6	Sakshi Hemantrao Sonone	Explore the properties of semiconductor and their application in electronics	Dr. A. S. Wadtkar
7	Pratik Jayvant Gadekar	To study the density of water	Dr. A. S. Wadtkar
8	Sameer Damodhar Dhokane	To demonstrate the total internal	Dr. A. S. Wadtkar
9	Shaikh Tahir Shaikh Ameen	To demonstrate the pnc.	Dr. P. B. Kharat
10	Shivam Shyam Bhusare	To construct an amplifier	Dr. P. B. Kharat
11	Shyam Niranjan Kanse	To construct a model to	Dr. P. B. Kharat
12	Vaishnavi Ratnakar Belsare	Explore the properties of thermoelectricity and energy conversion	Dr. P. B. Kharat
13	Aachal Rajesh Tobre	To study the density of water	Dr. P. B. Kharat
14	Prajwal Govindrao Kakade	Demonstrate the total internal	Dr. P. B. Kharat
15	Sachin Kishor Raut	Construct the model to study	Dr. P. B. Kharat
16	Buddhshanti Pramod Sukhdeve	One study the charge and discharge	Dr. P. B. Kharat
17	Komal Rajesh Narode	Principles of biomechanics and robotics	Mr. A. V. Ambhore
18	Yash Vinod Ravekar	Principles of biomechanics and robotics	Mr. A. V. Ambhore
19	Prerna Sanjay Deshmukh	Principles of geometry and engineering	Mr. A. V. Ambhore
20	Sanidhya Nandkishor Dhole	To construct a model to	Mr. A. V. Ambhore
21	Shantanu Avinash Solanke	To construct a model to	Mr. A. V. Ambhore
22	Ajay Narayan Shete	To construct a model to	Mr. A. V. Ambhore
23	Vijay Niranjan Gedam	To construct a model to	Mr. A. V. Ambhore
24	Vishwajeetsingh K Thakur	To construct logic gate using	Mr. A. V. Ambhore

List of B.Sc. Physics IIIrd year VIth semester

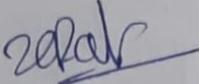
Sr. No.	Student Name	Topic	Name of Guide
1	Achal Ramdas Bijave	Building a model of the solar system to explore the principle of motion	Dr. A. S. Wadkatkar
2	Adarsha Nivrutti Gavner		Dr. A. S. Wadkatkar
3	Adiba Saman Anees Khan	Building a model of an atom to understand its structure & electron behavior	Dr. A. S. Wadkatkar
4	Aditya Anil Deshmukh	Creating a model of simple electronic circuit of a diode & calculator	Dr. P. B. Kharat
5	Akansha Kashinath Raut	Building a model of a wind turbine to explore renewable energy sources and principle	Dr. P. B. Kharat
6	Aman Murlidhar Gawaner	Building a model of a wind turbine	Dr. P. B. Kharat
7	Aman Pradiprao Kakade	Building a model of a simple harmonic oscillator to explore the principle	Dr. P. B. Kharat
8	Ambika Narhari Chavhan	Model of a black hole to understand the properties & gravity theory of G.M. 22011	Dr. P. B. Kharat
9	Anuja Ajay Tayade	Building model of radio telescope	Dr. P. B. Kharat
10	Chaitali Sanjay Dok	Behaviour of subatomic particle	Dr. P. B. Kharat
11	Chanchal Kishor Gajbhiye	Building a model of geodesic dome	Dr. P. B. Kharat
12	Damini Vilasrao Dhage	Create a model of total internal reflection to demonstrate total internal reflection	Dr. P. B. Kharat
13	Dattatrya Onkar Giri	Model of cloud chamber	Dr. P. B. Kharat
14	Durgesh Dhanjay Mendhe	Building model of principle of acceleration to learn about the principle of high energy	Dr. P. B. Kharat
15	Gayatri Avinash Solanke	Model of cloud chamber	Dr. P. B. Kharat
16	Jay Shamrao Gawande	Building a model of simple socket	Dr. P. B. Kharat
17	Kalyani Narhari Wakode	Constructing a model of char	Dr. P. B. Kharat
18	Kiran Arun Kambale	Creating a model of a molecular structure to understand	Dr. P. B. Kharat
19	Mamta Sanjay Meshram	Building a model of simple socket	Dr. P. B. Kharat
20	Manish Kishor Tarhekar	Building a model of simple socket	Dr. P. B. Kharat
21	Mayur Manish Tayade	Creating a model of simple machine of particular	Dr. P. B. Kharat
22	Mo Abuzar Mo Iliyash Shaikh	Creating a model of simple machine of particular	Dr. A. S. Wadkatkar
23	Mo Sajid Hamid Makrani	Creating a model of simple machine of particular	Dr. A. S. Wadkatkar
24	Parivartan Arun Tayade	Simple machine to learn about the principle of simple machine	Dr. A. S. Wadkatkar
25	Poornima Ganesh Raut	Building the model of hybrid	Dr. A. S. Wadkatkar
26	Pranav Kishor Rao Shelke	Constructing a model of a wind turbine to explore the principle of energy	Dr. A. S. Wadkatkar
27	Prathmesh Suresh Inzalkar	Creating a model of simple radio transmitter to learn about	Dr. A. S. Wadkatkar
28	Reshma Arunrao Margade	Study the properties of light & its interaction with matter	Mr. A. V. Ambhore
29	Ritesh Motiram Ghoddeswar	Simple pulley system to learn about the principle	Mr. A. V. Ambhore
30	Ritu Devnarayan Chaudhari	Simple pulley system to learn about the principle of mechanical advantage	Mr. A. V. Ambhore
31	Rohit Madan Bodhankar	Building a model of solar-powered car to explore the principle	Mr. A. V. Ambhore
32	Roshan Ashok Bharaskar	Magnetic levitation train to learn about the principle of electromagnetic	Mr. A. V. Ambhore
33	Roshan Rameshwar Kalalkar	Creating a model of simple machine to study earth quake and	Mr. A. V. Ambhore
34	Rutik Tryambakrao Jawalkar	Building a model of a human	Mr. A. V. Ambhore
35	Rutuja Sudhirrao Gulhane	Building a model of a human	Mr. A. V. Ambhore
36	Sahil Vikas Raut	Creating a model of water to learn about the principle of renewable energy & fluid	Mr. A. V. Ambhore
37	Sakshi Mahendra Dukare	Stirling engine to study the thermodynamic principle	Mr. A. V. Ambhore
38	Sakshi Subhashrao Herode	Constructing a model to learn about the principle	Mr. A. V. Ambhore
39	Sakshi Vilas Dhawale	Creating a model of graphene structure to explore properties of materials	Mr. A. V. Ambhore

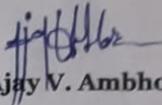
40	Sayali Pramod Gawande	Building of a model of optical fibre	Mr. A. V. Ambhore
41	Sharaddha Vijay Raut	constructing model of maglev train	Mr. A. V. Ambhore
42	Shoeb Ahmad Noor	model of photobek circuit	Mr. A. V. Ambhore
43	Shreya Pramodrao Chore	Building of tidal power	Mr. A. V. Ambhore
44	Shreyash Ramesh Kapse	constructing a model of a van de Graaff	Mr. A. V. Ambhore
45	Talib Faoq Ramlani	Constructing a model of a van de Graaff	Mr. A. V. Ambhore
46	Vaishnavi Gajanan Deulkar	Building a model of a satellite to explain the principle of orbital motion	Mr. A. V. Ambhore
47	Vaishnavi Ravindra Gatule	Constructing a model of a periscope or kaleidoscope to learn about reflection of light	Dr. P. B. Kharat
48	Vevekanand Anil Pawar	making a model of superconductor to explain the properties of material	Dr. P. B. Kharat
49	Yash Pramod More	Building a model of a hydraulic lift to study the principle of fluid mechanics	Mr. A. V. Ambhore
50	Yash Shyamkant Pawar	Constructing a model of a geothermal power plant to learn about the principles of renewable energy and	Mr. A. V. Ambhore

Students must complete the project and submit the project report in the due period as per the above-assigned topics in the Department of Physics to the concerned teacher.

Faculty members

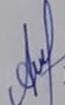

Dr. Anant S. Wadkatkar
 Assistant Professor and Head
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh.), Dist. Amravati


Dr. Prashant B. Kharat
 Assistant Professor
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khandeshwar, Amravati


Mr. Ajay V. Ambhore

Date: Wednesday, 8th February 2023

Place: Nandgaon Khandeshwar, Dist. Amravati.


Head

Department of Physics
Dr. Anant S. Wadkatkar
 Assistant Professor and Head
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh.), Dist. Amravati



Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
 Tq. Nandgaon Khandeshwar, Dist. Amravati

DEPARTMENT OF PHYSICS

PROJECT SUBMISSION SHEET

(Academic Year 2022-2023)

List of B.Sc. Physics IInd year IVth semester

Sr. No.	Student Name	Topic	Remarks
1	Ahmar Waqqas Muhammad Rafique	Balloon car	
2	Chetan Chandan Shinde	Ballon car	
3	Chetan Ganeshrao Vaidya	Balloon car	
4	Ajinkya Sureshrao Daroi	Newton's cardel	
5	Pratik Rajendra Shendre	Newton's caodel	
6	Sakshi Hemantrao Sonone	Newton's Cardel	
7	Pratik Jayvant Gadekar	Periscope	
8	Sameer Damodhar Dhokane	periscope	
9	Shaikh Tahir Shaikh Ameen	periscope	
10	Shivam Shyam Bhusare	Acchimedeg screw	
11	Shyam Niranjan Kanse	Acchimedeg screw	
12	Vaishnavi Ratnakar Belsare	Acchimedeg screw	
13	Aachal Rajesh Tobre	Acchimedeg screw.	
14	Prajwal Govindrao Kakade	clap switch	
15	Sachin Kishor Raut	clap switch	
16	Buddhshanti Pramod Sukhdeve	clap switch	
17	Komal Rajesh Narode	Rain alarm	
18	Yash Vinod Ravekar	Rain alarm	
19	Prerna Sanjay Deshmukh	Rain alarm water level ind.	
20	Sanidhya Nandkishor Dhole	water level indicator	
21	Shantanu Avinash Solanke	Water level indicator	
22	Ajay Narayan Shete	Spring Robotic Arm	
23	Vijay Niranjan Gedam	Spring Robotic Arm	
24	Vishwajeetsingh K Thakur	Spring Robotic Arm	

List of B.Sc. Physics IIIrd year VIth semester

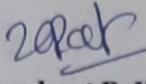
Sr. No.	Student Name	Topic	Remarks
1	Achal Ramdas Bijave	Building a model of the solar system to explore the principle of planetary motion and astronomy.	<i>Asst. Prof.</i>

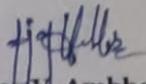
2	Adarsha Nivrutti Gavner		P. Gavner
3	Adiba Saman Anees Khan	Building a model of an atom, to understand its structure and electron behaviour	Azib
4	Aditya Anil Deshmukh	creating a model of simple capacitor inductor	Ashmita
5	Akansha Kashinath Raut	Building a model of a wind turbine to renewable energy sources and principle	A.P. Raut
6	Aman Murlidhar Gawande	Building a model of an electric light bulb	Amanmawar
7	Aman Pradiprao Kakade	Building a model of a simple harmonic oscillator to explore the principle	A.P. Kakade
8	Ambika Narhari Chavhan	model of a black hole understand the concept	Ambika
9	Anuja Ajay Tayade	explains gravity theory of G. gravity	Ashade
10	Chaitali Sanjay Dok	building a model of radio telescope to radio wave	SOPR
11	Chanchal Kishor Gajbhiye	model of a black hole and understand the properties of gravity	Gajbhiye
12	Damini Vilasrao Dhage	Building a model of geodetic dome to create faultless pendulum to demonstrate rotates the earth	D. Dhage
13	Dattatrya Onkar Giri	model of cloud chamber	D. Giri
14	Durgesh Dhanjay Mendhe	Building a model of a particle accelerator to learn about the particles of high energy	D. Mendhe
15	Gayatri Avinash Solanke	Building a model of geodetic dome	G. Solanke
16	Jay Shamrao Gawande	Building a model of simple pocket	J.S. Gawande
17	Kalyani Narhari Wakode	constructing a model of simple structure to understand	K. Wakode
18	Kiran Arun Kambale	creating a model of a model to understand	K. Kambale
19	Mamta Sanjay Meshram	creating a model of a model to understand	M. Meshram
20	Manish Kishor Tarhekar	constructing a model of a model to understand	M. Tarhekar
21	Mayur Manish Tayade	creating a model of a model to understand	M. Tayade
22	Mo Abuzar Mo Ilyias Shaikh	creating a model of a model to understand	M. Shaikh
23	Mo Sajid Hamid Makrani	simple model of a model to understand	M. Makrani
24	Parivartan Arun Tayade	simple model of a model to understand	P. Tayade
25	Poornima Ganesh Raut	Building a model of a model to understand	P. Raut
26	Pranav Kishor Rao Shelke	constructing a model of a model to understand	P. Shelke
27	Prathmesh Suresh Inzalkar	creating a model of simple radio frequency and active to learn	P. Inzalkar
28	Reshma Arunrao Margade	study the properties of light and its interaction with matter	R. Margade
29	Ritesh Motiram Ghoddeswar	constructing a model of a model to understand	R. Ghoddeswar
30	Ritu Devnarayan Chaudhari	simple fully system to learn about the principle of mechanical advantage	R. Chaudhari
31	Rohit Madan Bodhankar	Building a model of a solar panel to explore the principle	R. Bodhankar
32	Roshan Ashok Bharaskar	magnetic levitation table filter the effect of electric field	R. Bharaskar
33	Roshan Rameshwar Kalalkar	Self-made detector earth quake and geological phenomenon	R. Kalalkar
34	Rutik Tryambakrao Jawalkar	Building a model of a model to understand	R. Jawalkar
35	Rutuja Sudhirrao Gulhane	Building a model of a model to understand	R. Gulhane
36	Sahil Vikas Raut	Creating a model of a model to understand	S. Raut
37	Sakshi Mahendra Dukare	Steering engine to study of principle of the thermodynamic	S. Dukare
38	Sakshi Subhashrao Herode	constructing a model of a model to understand	S.S. Herode
39	Sakshi Vilas Dhawale	creating a model of a model to understand	S. Dhawale
40	Sayali Pramod Gawande	Building a model of a model to understand	S. Gawande
41	Sharddha Vijay Raut	constructing a model of a model to understand	S. Raut
42	Shoeb Ahmad Noor	model of phototube test	S. Noor

43	Shreya Pramodrao Chore	Building a model of a tidal power	Shri
44	Shreyash Ramesh Kapse	Constructing a model of a variable capacitor	S.P. chore
45	Talib Faooq Ramlani	Building a model of a tidal power	Rafiq
46	Vaishnavi Gajanan Deulkar	Building a model of a satellite to explain the principle of orbital mechanics	T.P. Ramlani
47	Vaishnavi Ravindra Gatule	Creating a model of a superconductor or the properties of a magnet	Deulkar
48	Vevekanand Anil Pawar	Creating a model of a superconductor to explain the properties of a capacitor	Gatule
49	Yash Pramod More	Building a model of a hydraulic power supply	V.A. Pawar
50	Yash Shyamkant Pawar	Constructing a model of a hydraulic power supply	Yashpurna More

Faculty members


Dr. Anant S. Wadatkar
 Assistant Professor and Head
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh.), Dist. Amravati


Dr. Prashant B. Kharat
 Dr. PRASHANT B. KHARAT
 Assistant Professor
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khandeshwar, Amravati


Mr. Ajay V. Ambhore

Date: Monday, 15th May 2023

Place: Nandgaon Khandeshwar, Dist. Amravati.


Head
 Department of Physics
Dr. Anant S. Wadatkar
 Assistant Professor and Head
 Department of Physics
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon (Kh.), Dist. Amravati



SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED
Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
Tq. Nandgaon Khandeshwar, Dist. Amravati

Date: 31st March 2023

Department of Chemistry

Notice

All the faculty members of Department of Chemistry are hereby informed that as per the curriculum of Sang Gadge Baba Amravati University, Amravati, we need to give "Project Topics" to the students of B.Sc. Part II Semester IV. This project will be a part of internal assessment of the students. To discuss this point there will be meeting in the department of Chemistry on 1st April 2023 at 4.30PM.

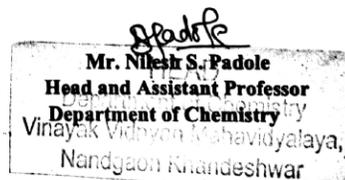
Agenda of the meeting

1. To discuss about the Project topics for the class B.Sc. Part II Semester IV.
2. To prepare and provide guidelines to the students regarding project writing.
3. To prepare the front page for project submission.
4. To decide submission date for the project.
5. To circulate the message among the students of B.Sc. Part II Semester IV.

All are requested to consider this notice and be there in the department of chemistry on 1st April 2023 at 4.30PM.

1. Dr. Vinod M. Sherekar

2. Dr. Kavita P. Kakade



Department of Chemistry

Class: B.Sc. Part II Semester IV

Date: 1st April 2023

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Student Sign
1	AARATI NANDKISHOR MOKALEKAR	Chemistry behind Casein from milk.	A.N. mokalekar
2	ADARSH SANJAYRAO PANDE		Adarsh
3	ADEEBA ANAM IKRAMUDDIN		Aadiba
4	ADITYA KISHORRAO PAWAR		Aditya
5	AMRAPALI RAVINDRA KALE		Kale
6	ANIKET PRAMOD KHODE		Khode
7	ANIKET RUPRAOJI CHAWALE		Chawale
8	ANIKET SAMBHAJI MESHARAM		Mesharam
9	ANISHA VIJAY DESHMUKH		Deshmukh
10	ANKUSH MAROTI JADHAO		Jadhao
11	ANUSHRI GAJANAN ROHANKAR		Rohankar
12	ASHWINI DHANRAJ TIRMARE	Chemistry behind Nicotine from Tobacco Leaves	Ashwinire
13	ASHWINI RAVINDRA WANKHADE		Wankhade
14	AYAN NAIM KHAN		Khan
15	BHUSHAN YOGESHWAR CHAWALE		Chawale
16	DISHA VIJAY KHOBRAJADE		D.Khobrajade
17	DNYANESHWARI PANDIT ZIMATE		Zimate
18	GAURAV MAHENDRA AVHALE		Avhale
19	GAURAV RAMDHAN RATHOD		Rathod
20	HASSAN AHMAD RIZWANULLAH KHAN		Rizwanullah Khan
21	INDRAJEET PANDURANG TIRSINGE		Tirsinge

Mr. N. S. Padole
Mr. Niles S. Padole
In-Charge Teacher

Mr. N. S. Padole
Mr. Niles S. Padole
Head of Department
Vinayak Vidyan Mahavidyalaya,
Nandgaon Kh. Khandeshwar

Department of Chemistry

Class: B.Sc. Part II Semester IV

Date: 1st April 2023

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Student Sign	
22	JAYSHRI SHAMRAOJI SOLANKE	Chemistry behind Caffeine from Tea Leaves	J.S. Solanke	
23	JYOTSNA GAJANAN LAYBAR		G.Laybar	
24	LEENA GANESH GHODESWAR		Ghodeswar	
25	MAAZ MISBAHUDDIN SAYYED		Sayyed	
26	MAMTA VIJAYRAO VAIDYA		Vaidya	
27	MANISHA SANJAY NIMBARTE		M.Nimbarte	
28	MOHINI SUNIL MAKODE		M.Makode	
29	NAYANA DADARAO GOPNARAYAN		N.Gopnarayan	
30	PALLAVI VILAS KHUNE		P.V. Khune	
31	PAYAL DEVIDASRAO BURADE		Burade	
32	POOJA DEVANAND ZODAPE		Zodape	
33	PRAJKTA PRAMOD INZALKAR		Inzalkar	
34	PRICE ARVIND NANDAGAWALI		Chemistry behind Lycopene from Tomato juice.	Nandagawali
35	PRITI GAJANAN KEREKAR			Kerekar
36	REVA MAHENDRA GEDAM	Gedam		
37	ROHINI JAGDISH BAHURUPI	Bahurupi		
38	RUSHI SANJAYRAO GADGE	Gadge		
39	SAKSHI SHYAM BAVANKULE	Bavankule		
40	SALMAN KHAN YUSUF KHAN	S.Khan		
41	SANIKA SAHADEV LUTE	Lute		
42	SHAIKH SOHEL SHAIKH RASHID	Rashid		

Kavita P. Kakade
Dr. Kavita P. Kakade
In-Charge Teacher

N.S. Padole
Mr. Nilesh S. Padole
Head of Department
Nandgaon Kh.

Department of Chemistry

Class: B.Sc. Part II Semester IV

Date: 1st April 2023

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Student Sign
43	SHRADDHA RAJKUMAR DHAGE	Chemistry behind Sucrose from Sugarcane	S.P. Dhage.
44	SNEHA MANOHAR SATPAISE		S.M. Satpaise.
45	SYED UZMAIN SYED JAMEEL		Jameel
46	TEJAS PRADIP TAMBATKAR		Pradip
47	VAISHNAVI RAMDAS NEWARE		Neware
48	VAISHNAVI ANIL MORE		V.A. More
49	VAISHNAVI RAJENDRA GHAWAT		Rajendrap
50	VRUSHALI NAMDEORAO NICHAT		Nichat
51	YOGINI LILESHWAR MATE		Mate
52	ZUBERKHA GAFFARKHA PATHAN		Pathan
53	AHMAR WAQQAS M. RAFIQUE		Rafique
54	CHETAN CHANDAN SHINDE		Shinde
55	CHETAN GANESHRAO VAIDYA		Vaidya
56	KOMAL RAJESH NARODE		Narode
57	PRATIK RAJENDRA SHENDRE	Shendre	
58	SAKSHI HEMANTRAO SONONE	Sonone	
59	SAMEER DAMODHAR DHOMANE	Chemistry behind Lactose from milk sugar	Dhomane
60	SHAIKH TAHIR SHAIKH AMEEN		Shaiikh
61	SHIVAM SHYAM BHUSARE		Bhusare
62	SHYAM NIRANJAN KANSE		Kanse
63	VAISHNAVI RATNAKAR BELSARE		Belsare
64	VISHWAJEETSINGH K THAKUR		Thakur

Dr. Vinod M. Sherekar
In-Charge Teacher

Mr. Nilesh S. Padole
Head of Department
Vinayak Vidyan Mahavidyalaya,
Nandgaon Khandeshwar

Department of Chemistry

Class: B.Sc. Part II Semester IV

Date: 21st April 2023

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Student Sign	In-Charge Teacher Sign
1	AARATI NANDKISHOR MOKALEKAR	Chemistry behind Casein from milk.	A. N. Mokalekar	N. S. Padole
2	ADARSH SANJAYRAO PANDE		Adarsh	
3	ADEEBA ANAM IKRAMUDDIN		Adeeba	
4	ADITYA KISHORRAO PAWAR		Aditya	
5	AMRAPALI RAVINDRA KALE		Amrapali	
6	ANIKET PRAMOD KHODE		Aniket	
7	ANIKET RUPRAOJI CHAWALE		Aniket	
8	ANIKET SAMBHAJI MESHARAM		Aniket	
9	ANISHA VIJAY DESHMUKH		Anisha	
10	ANKUSH MAROTI JADHAO		Ankush	
11	ANUSHRI GAJANAN ROHANKAR		Anushri	
12	ASHWINI DHANRAJ TIRMARE	Chemistry behind Nicotine from Tobacco Leaves	Ashwini	
13	ASHWINI RAVINDRA WANKHADE		Ashwini	
14	AYAN NAIM KHAN		Ayan	
15	BHUSHAN YOGESHWAR CHAWALE		Bhushan	
16	DISHA VIJAY KHOBRADE		Disha	
17	DNYANESHWARI PANDIT ZIMATE		Dnyaneshwari	
18	GAURAV MAHENDRA AVHALE		Gaurav	
19	GAURAV RAMDHAN RATHOD		Gaurav	
20	HASSAN A RIZWANULLAH KHAN		Hassan	
21	INDRAJEET PANDURANG TIRSINGE		Indrajeet	

N. S. Padole
Mr. Nilesh S. Padole
In-Charge Teacher

Remark:

N. S. Padole
Mr. Nilesh S. Padole
Head of Department
Vinayak Vidyan Mahavidyalaya,
Nandgaon Khandeshwar

Department of Chemistry

Class: B.Sc. Part II Semester IV

Date: 21st April 2023

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Student Sign	In-Charge Teacher Sign
1	JAYSHRI SHAMRAOJI SOLANKE	Chemistry behind Caffeine from Tea Leaves	J's. Solanke	Kavita
2	JYOTSNA GAJANAN LAYBAR		Jy Laybar	
3	LEENA GANESH GHODESWAR		Lhodeswar	
4	MAAZ MISBAHUDDIN SAYYED		Maz Sayyad	
5	MAMTA VIJAYRAO VAIDYA		Mamta	
6	MANISHA SANJAY NIMBARTE		M. Nimbar	
7	MOHINI SUNIL MAKODE		M. Makode	
8	NAYANA D. GOPNARAYAN		N. Gopnaya	
9	PALLAVI VILAS KHUNE		P.V. Khune	
10	PAYAL DEVIDASRAO BURADE		P. Burade	
11	POOJA DEVANAND ZODAPE		P. Zodape	
12	PRAJKTA PRAMOD INZALKAR		P. Inzalkar	
13	PRICE ARVIND NANDAGAWALI	P. Nandgaon		
14	PRITI GAJANAN KEREKAR	P. Kerekar		
15	REVA MAHENDRA GEDAM	R. Gedam		
16	ROHINI JAGDISH BAHURUPI	R. Bahurupi		
17	RUSHI SANJAYRAO GADGE	R. Gadge		
18	SAKSHI SHYAM BAVANKULE	S. Bavankule		
19	SALMAN KHAN YUSUF KHAN	S. Khan		
20	SANIKA SAHADEV LUTE	S. Lute		
21	SHAIKH SOHEL SHAIKH RASHID	S. Rashid		
		Chemistry behind Lycopene from Tomato juice.		

Kavita
Dr. Kavita P. Kakade
In-Charge Teacher

Remark:

Padole
Mr. Nilesh S. Padole
Head of Department
Vinayak Vidyan Mahavidyalaya,
Nandgaon Nandeshwar

Department of Chemistry

Class: B.Sc. Part II Semester IV

Date: 21st April 2023

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Student Sign	In-Charge Teacher Sign
1	SHRADDHA RAJKUMAR DHAGE	Chemistry behind Sucrose from Sugarcane	S.R. Dhage	
2	SNEHA MANOHAR SATPAISE		S.M. Satpaise	
3	SYED UZMAIN SYED JAMEEL		Jameel	
4	TEJAS PRADIP TAMBATKAR		Tambatkar	
5	VAISHNAVI RAMDAS NEWARE		Neware	
6	VAISHNAVI ANIL MORE		A.M. More	
7	VAISHNAVI RAJENDRA GHAWAT		Rajendraghawate	
8	VRUSHALI NAMDEORAO NICHAT		Nichat	
9	YOGINI LILESHWAR MATE		Mate	
10	ZUBERKHA GAFFARKHA PATHAN		Pathan	
11	AHMAR WAQQAS M. RAFIQUE		Rafique	
12	CHETAN CHANDAN SHINDE	Chemistry behind Lactose from milk sugar	Shinde	
13	CHETAN GANESHRAO VAIDYA		Vaidya	
14	KOMAL RAJESH NARODE		Narode	
15	PRATIK RAJENDRA SHENDRE		Shendre	
16	SAKSHI HEMANTRAO SONONE		Sonone	
17	SAMEER DAMODHAR DHOMANE		Dhomane	
18	SHAIKH TAHIR SHAIKH AMEEN		Shaiikh	
19	SHIVAM SHYAM BHUSARE		Bhusare	
20	SHYAM NIRANJAN KANSE		Kanse	
21	VAISHNAVI RATNAKAR BELSARE		Belsare	
22	VISHWAJEETSINGH K THAKUR		Thakur	


Dr. Vinod M. Sherekar
 In-Charge Teacher

HEAD
 Department of Chemistry
 Vinayak Vidyan Mahavidyalaya,
Mr. Nilesh S. Padole
 Head of Department
 Nandgaon Parandeshwar

Department of Chemistry

Class: B.Sc. Part III Semester VI

Date: 1st April 2023

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Signature of Student
1	AACHAL RAJENDRA HAMBARDE	Evaluation of various methods used for the synthesis of Chalcones.	<i>Aambarde</i>
2	ACHAL DILIP DESHMUKH		<i>Achaldeshmukh</i>
3	ACHAL NANDKISHOR CHARDE		<i>Acharde</i>
4	AKSHADA DNYANESHWAR DHANDARE		<i>Akshadandhare</i>
5	AMAN ASHPAK MAKWANI		<i>Amankawani</i>
6	AMRUTA SOPAN KALE		<i>Amrutakale</i>
7	ARPITA PRADIPRAO THAKARE		<i>Arpitathakare</i>
8	ASHUTOSH DILIP INGOLE		<i>Ashutoshingole</i>
9	KARTIK RAVINDRA MAHURE		<i>Kartikmahure</i>
10	KIRAN RAJU BANARASE		<i>Kiranbanarase</i>
11	KIRTI DILIP POPHALE	Analysis of importance of Schiff base used in synthesis of various drugs.	<i>Kirtipophale</i>
12	KOMAL DNYANESHWAR PUND		<i>Komalpund</i>
13	KOMAL JITENDRA SEN		<i>Komaljen</i>
14	MAYURI PRAVIN KAPADE		<i>Mayurikapade</i>
15	MAYURI RAMESHWAR DEOTALE		<i>Mayurideotale</i>
16	MOHD ANAS M MUSTAFA MAKWANI		<i>MohdAnasMakwani</i>
17	NIKHIL NANDU PRAGHANE		<i>N.Praghane</i>
18	PAWAN GAJANAN SONTAKKE		<i>Pawansontakke</i>
19	PRANAY SANJAY MARAPE		<i>P.Marape</i>
20	PRATIK KANTESHWAR INZALKAR		<i>P.K.Inzalkar</i>

Mr. Niles S. Padole
Mr. Niles S. Padole
In-Charge Teacher

Mr. Niles S. Padole
Dept. Mr. Niles S. Padole
Vinayak Head of Department
Nandgaon Mahadeshwar

Department of Chemistry

Class: B.Sc. Part III Semester VI

Date: 1st April 2023

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Signature of Student
21	PRATIKSHA ANAND INGALE	Evaluation of various methods used for the synthesis of dithions	<i>Ingaale</i>
22	PRIYANKA RAJKUMAR GAJBHIYE		<i>Gajbhiye</i>
23	RAKHI RUPRAO SONONE		<i>Sonone</i>
24	RAVINA SANDIP NAVNAGE		<i>Navnage</i>
25	RINA PRAVIN POPHALE		<i>Pophale</i>
26	ROHAN RAMRAO JADHAO		<i>Jadhao</i>
27	SAKSHI RAMESHWAR GULHANE		<i>Gulhane</i>
28	SAKSHI SANTOSH INZALKAR		<i>Inzalkar</i>
29	SAMIKSHA PRAMOD DAKARE		<i>Dakare</i>
30	SEJAL GAJANAN CHANDURKAR		<i>Chandurkar</i>
31	SHARAYU PURSHOTTAM CHAUDHARI		Evaluation of various methods used for the synthesis of thiazine
32	SHITAL SUBHASHRAO LONARE	<i>Lonare</i>	
33	SHITAL VIJAY GADHAVE	<i>Gadhave</i>	
34	SHIVANI JAYPALSINGH CHAVHAN	<i>Chavhan</i>	
35	SHRADDHA ANIL BANKAR	<i>Bankar</i>	
36	SHREYA GAJANAN DHOKE	<i>Dhoke</i>	
37	SHREYASWI RAMESH DEVTALE	<i>Devtale</i>	
38	SNEHAL BALU KAWARE	<i>Kaware</i>	
39	VAISHNAVI DAMODHAR RUMNE	<i>Rumne</i>	
40	VAISHNAVI RAVINDRA KHOBRAGADE	<i>Khobragade</i>	

Kakade
Dr. Kavita P. Kakade
In-Charge Teacher

Padole
Mr. Nilesh S. Padole
Head of Department
Vinayak Vidyan Mahavidyalaya,
Nandgaon Khandeshwar

Department of Chemistry

Class: B.Sc. Part III Semester VI

Date: 1st April 2023

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Signature of Student
41	VAISHNAVI RAVINDRA ZATALE	Use of Alkaloids in daily life	<i>Zatale</i>
42	ACHAL RAMDAS BIJAVE		<i>Bijave</i>
43	ADIBA SAMAN ANEES KHAN		<i>Akhan</i>
44	KALYANI NARHARI WAKODE		<i>Wakode</i>
45	RUTIK TRYAMBAKRAO JAWALKAR		<i>Jawalkar</i>
46	SAHIL VIKAS RAUT		<i>Raut</i>
47	SAKSHI MAHENDRA DUKARE		<i>Dukare</i>
48	SAKSHI VILAS DHAWALE		<i>Dhawale</i>
49	SAYALI PRAMOD GAWANDE		<i>Gawande</i>
50	SHARDHA VIJAY RAUT		<i>Raut</i>
51	VIVEKANAND ANIL PAWAR		<i>Pawar</i>

Sherekar
Dr. Vinod M. Sherekar
In-Charge Teacher

HEAD
Padole
Mr. Nilesh S. Padole
Head of Department
Nandgaon Khandeshwar

Department of Chemistry

Class: B.Sc. Part III Semester VI

Date: 17th April 2023

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
1	AACHAL RAJENDRA HAMBARDE	Evaluation of various methods used for the synthesis of Chalcones	<i>Hambarde</i>	<i>Padole</i>
2	ACHAL DILIP DESHMUKH		<i>Deshmukh</i>	
3	ACHAL NANDKISHOR CHARDE		<i>Charde</i>	
4	AKSHADA D. DHANDARE		<i>Dhandare</i>	
5	AMAN ASHPAK MAKWANI		<i>Makwane</i>	
6	AMRUTA SOPAN KALE		<i>Kale</i>	
7	ARPITA PRADIPRAO THAKARE		<i>Thakare</i>	
8	ASHUTOSH DILIP INGOLE		<i>Ingole</i>	
9	KARTIK RAVINDRA MAHURE		<i>Mahure</i>	
10	KIRAN RAJU BANARASE		<i>Banarase</i>	

Padole
Mr. Nilesh S. Padole
In-Charge Teacher

Remark:

Padole
Mr. Nilesh S. Padole
Head of Department
Vinayak Vidyan Mahavidyalaya,
Nandgaon, Nandeshwar

Department of Chemistry

Class: B.Sc. Part III Semester VI

Date: 17th April 2023

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
11	KIRTI DILIP POPHALE	Analysis of importance of Schiff base used in synthesis of various drugs.	<i>Kirti</i>	<i>Padole</i>
12	KOMAL DNYANESHWAR PUND		<i>Pund</i>	
13	KOMAL JITENDRA SEN		<i>Ksen.</i>	
14	MAYURI PRAVIN KAPADE		<i>Kapade</i>	
15	MAYURI RAMESHWAR DEOTALE		<i>Mayuri</i>	
16	MOHD ANAS M. MUSTAFA MAKWANI		<i>Makwani</i>	
17	NIKHIL NANDU PRAGHANE		<i>N. Praghane</i>	
18	PAWAN GAJANAN SONTAKKE		<i>Sontakke</i>	
19	PRANAY SANJAY MARAPE		<i>Pranay</i>	
20	PRATIK KANTESHWAR INZALKAR		<i>P.K. Inzalkar</i>	

Padole
Mr. Nilesh S. Padole
In-Charge Teacher

Padole
Mr. Nilesh S. Padole
Head of Department
Vinayak Vidyan Mahavidyalaya,
Nandgaon Kh. Dnyaneshwar

Remark:

Department of Chemistry

Class: B.Sc. Part III Semester VI

Date: 17th April 2023

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
21	PRATIKSHA ANAND INGALE	Evaluation of various methods used for the synthesis of dithions	<i>Ingaale</i>	
22	PRIYANKA RAJKUMAR GAJBHIYE		<i>Pajbhaye</i>	
23	RAKHI RUPRAO SONONE		<i>Sonone</i>	
24	RAVINA SANDIP NAVNAGE		<i>Navnage</i>	
25	RINA PRAVIN POPHALE		<i>Pophale</i>	
26	ROHAN RAMRAO JADHAO		<i>Jadhao</i>	
27	SAKSHI RAMESHWAR GULHANE		<i>Gulhane</i>	
28	SAKSHI SANTOSH INZALKAR		<i>Inzalkar</i>	
29	SAMIKSHA PRAMOD DAKARE		<i>Dakare</i>	
30	SEJAL GAJANAN CHANDURKAR		<i>Chandurkar</i>	

Kakade
Dr. Kavita P. Kakade
In-Charge Teacher

Remark:

Padole
Mr. Nilesh S. Padole
Head of Department
Chemistry
Vinayak Vidyan Mahavidyalaya,
Nandgaon Khandeshwar

Department of Chemistry

Class: B.Sc. Part III Semester VI

Date: 17th April 2023

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
31	SHARAYU PURSHOTTAM CHAUDHARI	Evaluation of various methods used for the synthesis of thiazine		
32	SHITAL SUBHASHRAO LONARE			
33	SHITAL VIJAY GADHAVE			
34	SHIVANI JAYPALSINGH CHAVHAN			
35	SHRADDHA ANIL BANKAR			
36	SHREYA GAJANAN DHOKE			
37	SHREYASWI RAMESH DEVTALE			
38	SNEHAL BALU KAWARE			
39	VAISHNAVI DAMODHAR RUMNE			
40	VAISHNAVI RAVINDRA KHOBRAGADE			

Dr. Kavita P. Kakade
In-Charge Teacher

Remark:

Dr. Nitesh S. Padole
Head of Department
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Kh. Nandeshwar

Department of Chemistry

Class: B.Sc. Part III Semester VI

Date: 17th April 2023

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
41	VAISHNAVI RAVINDRA ZATALE	Use of Alkaloids in daily life	<i>Zatale</i>	<i>Sherekar</i>
42	ACHAL RAMDAS BIJAVE		<i>Bijave</i>	
43	ADIBA SAMAN ANEES KHAN		<i>Akhan</i>	
44	KALYANI NARHARI WAKODE		<i>Wakode</i>	
45	RUTIK TRYAMBAKRAO JAWALKAR		<i>Jawalkar</i>	
46	SAHIL VIKAS RAUT		<i>Raut</i>	
47	SAKSHI MAHENDRA DUKARE		<i>Dukare</i>	
48	SAKSHI VILAS DHAWALE		<i>Dhawale</i>	
49	SAYALI PRAMOD GAWANDE		<i>Gawande</i>	
50	SHARDDHA VIJAY RAUT		<i>Raut</i>	
51	VIVEKANAND ANIL PAWAR		<i>Pawar</i>	

Sherekar
Dr. Vinod M. Sherekar
 In-Charge Teacher

Padole
 Department of Chemistry
Mr. Nitesh S. Padole
 Head of Department
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khandeshwar

Remark:



SANT GAINGE BABA AMRAVATI UNIVERSITY, AMRAVATI AFFILIATED
Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
 Tq. Nandgaon Khandeshwar, Dist. Amravati

Department of Chemistry

Class: B.Sc. Part II Semester III

Date: 12th November 2022

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Student Sign
1	AARATI NANDKISHOR MOKALEKAR	Chemistry behind the human eyes vision	Anmkkalekar
2	ADARSH SANJAYRAO PANDE		Adarsh
3	ADEEBA ANAM IKRAMUDDIN		Adileg
4	ADITYA KISHORRAO PAWAR		Aditya
5	AMRAPALI RAVINDRA KALE		Amrapali
6	ANIKET PRAMOD KHODE		Aniket
7	ANIKET RUPRAOJI CHAWALE		Aniket chawale
8	ANIKET SAMBHAJI MESHARAM		Aniket
9	ANISHA VIJAY DESHMUKH		Anishadsh.
10	ANKUSH MAROTI JADHAO		Ankush
11	ANUSHRI GAJANAN ROHANKAR		Anushri
12	ASHWINI DHANRAJ TIRMARE	Destruction of natural pigment of skin by the effect of UV-radiation	Ashwin
13	ASHWINI RAVINDRA WANKHADE		Ashwin
14	AYAN NAIM KHAN		Ayan
15	BHUSHAN YOGESHWAR CHAWALE		Bhushan
16	DISHA VIJAY KHOBRAGADE		Disha
17	DNYANESHWARI PANDIT ZIMATE		Dnyaneshwari
18	GAURAV MAHENDRA AVHALE		Gaurav
19	GAURAV RAMDHAN RATHOD		Gaurav
20	HASSAN AHMAD RIZWANULLAH KHAN		Hassan
21	INDRAJEET PANDURANG TIRSINGE		Indrajeet


 Mr. Nitesh S. Padole
 In-Charge Teacher


 Mr. Nitesh S. Padole
 Head of Department
 Chemistry
 Vinayak Vidnyan Mahavidyalaya,
 Nandgaon Khandeshwar

Department of Chemistry

Class: B.Sc. Part II Semester III

Date: 12th November 2022

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Student Sign
22	JAYSHRI SHAMRAOJI SOLANKE	Soya Milk- Preparation and its chemical composition.	J.S. solanke
23	JYOTSNA GAJANAN LAYBAR		J. Laybar
24	LEENA GANESH GHODESWAR		L. Ghodeswar
25	MAAZ MISBAHUDDIN SAYYED		M. Sayyed
26	MAMTA VIJAYRAO VAIDYA		M.V. vaidya
27	MANISHA SANJAY NIMBARTE		M.N. Nimbarde
28	MOHINI SUNIL MAKODE		M. S. Makode
29	NAYANA DADARAO GOPNARAYAN		N. Gopnarayan
30	PALLAVI VILAS KHUNE		P.V. Khune
31	PAYAL DEVIDASRAO BURADE		P. Burade
32	POOJA DEVANAND ZODAPE		P. Zodape
33	PRAJKTA PRAMOD INZALKAR		P. Inzalkar
34	PRICE ARVIND NANDAGAWALI		P. Nandagawali
35	PRITI GAJANAN KEREKAR		P. Kerekar
36	REVA MAHENDRA GEDAM	R. Gedam	
37	ROHINI JAGDISH BAHURUPI	R. Bahurupi	
38	RUSHI SANJAYRAO GADGE	R. Gadge	
39	SAKSHI SHYAM BAVANKULE	S. Bavankule	
40	SALMAN KHAN YUSUF KHAN	S. Khan	
41	SANIKA SAHADEV LUTE	S. Lute	
42	SHAIKH SOHEL SHAIKH RASHID	S. Rashid	
		Chemical Analysis of Toothpaste/ Toothpowder.	

Kavita P. Kakade
Dr. Kavita P. Kakade
In-Charge Teacher

N. S. Ghosh
D. Mr. Nishu S. Ghosh
Vinayak Vidyan Mahavidyalaya,
Nandgaon Khandeshwar

Department of Chemistry

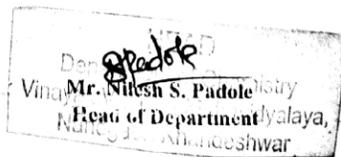
Class: B.Sc. Part II Semester III

Date: 12th November 2022

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Student Sign
43	SHRADDHA RAJKUMAR DHAGE	Chemical composition of various beauty products	S.R. Dhage
44	SNEHA MANOHAR SATPAISE		S.M. Satpaise
45	SYED UZMAIN SYED JAMEEL		Jameel
46	TEJAS PRADIP TAMBATKAR		Tambatkar
47	VAISHNAVI RAMDAS NEWARE		Neware
48	VAISHNAVI ANIL MORE		V.A. more
49	VAISHNAVI RAJENDRA GHAWAT		R. Ghawate
50	VRUSHALI NAMDEORAO NICHAT		V. Nichat
51	YOGINI LILESHWAR MATE		Y. Mate
52	ZUBERKHA GAFFARKHA PATHAN		Z. Pathan
53	AHMAR WAQQAS M. RAFIQUE		A. Rafique
54	CHETAN CHANDAN SHINDE		C. Shinde
55	CHETAN GANESHRAO VAIDYA		C. Vaidya
56	KOMAL RAJESH NARODE		Chemical Composition of various Perfumes
57	PRATIK RAJENDRA SHENDRE	P. Shendre	
58	SAKSHI HEMANTRAO SONONE	S. Sonone	
59	SAMEER DAMODHAR DHOMANE	S. Dhokane	
60	SHAIKH TAHIR SHAIKH AMEEN	S. Ameen	
61	SHIVAM SHYAM BHUSARE	S. Bhusare	
62	SHYAM NIRANJAN KANSE	S. Kanse	
63	VAISHNAVI RATNAKAR BELSARE	V. Belsare	
64	VISHWAJEETSINGH K THAKUR	V. Thakur	


Dr. Vinod M. Sherekar
In-Charge Teacher


Dep. of Chemistry
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Nandgaon Kh. Nandgaon Kh.
Mr. Nilesh S. Padole
Head of Department

Department of Chemistry

Class: B.Sc. Part II Semester III

Date: 30th November 2022

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Student Sign	In-Charge Teacher Sign
1	JAYSHRI SHAMRAOJI SOLANKE	Soya Milk- Preparation and its chemical composition.	J.S. Solanke	
2	JYOTSNA GAJANAN LAYBAR		J. Laybar	
3	LEENA GANESH GHODESWAR		L. Ghodeswar	
4	MAAZ MISBAHUDDIN SAYYED		Sayyed	
5	MAMTA VIJAYRAO VAIDYA		M.V. Vaidya	
6	MANISHA SANJAY NIMBARTE		M. Nimbarde	
7	MOHINI SUNIL MAKODE		M.S. Makode	
8	NAYANA D. GOPNARAYAN		N. D. Gopnarayan	
9	PALLAVI VILAS KHUNE		P.V. Khune	
10	PAYAL DEVIDASRAO BURADE		P. Burade	
11	POOJA DEVANAND ZODAPE		P. Zodape	
12	PRAJTA PRAMOD INZALKAR	P. Inzalkar	Chemical Analysis of Toothpaste/ Toothpowder.	
13	PRICE ARVIND NANDAGAWALI	P. Nandagawali		
14	PRITI GAJANAN KEREKAR	P. Kerekar		
15	REVA MAHENDRA GEDAM	R. Gedam		
16	ROHINI JAGDISH BAHURUPI	R. Bahurupi		
17	RUSHI SANJAYRAO GADGE	R. Gadge		
18	SAKSHI SHYAM BAVANKULE	S. Bavankule		
19	SALMAN KHAN YUSUF KHAN	S. Khan		
20	SANIKA SAHADEV LUTE	S. Lute		
21	SHAIKH SOHEL SHAIKH RASHID	S. Rashid		

Kakade
Dr. Kavita P. Kakade
In-Charge Teacher

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Mr. Nilesh S. Padole
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Nandgaon Nandeshwar

Department of Chemistry

Class: B.Sc. Part II Semester III

Date: 30th November 2022

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Student Sign	In-Charge Teacher Sign
1	SHRADDHA RAJKUMAR DHAGE	Chemical composition of various beauty products	S.R. Dhage	
2	SNEHA MANOHAR SATPAISE		S.M. Satpaise	
3	SYED UZMAIN SYED JAMEEL		Syed Jameel	
4	TEJAS PRADIP TAMBATKAR		Tambatkar	
5	VAISHNAVI RAMDAS NEWARE		Neware	
6	VAISHNAVI ANIL MORE		V.A. More	
7	VAISHNAVI RAJENDRA GHAWAT		Rajendraghawate	
8	VRUSHALI NAMDEORAO NICHAT		Rushali	
9	YOGINI LILESHWAR MATE		Mate	
10	ZUBERKHA GAFFARKHA PATHAN		Pathan	
11	AHMAR WAQQAS M. RAFIQUE		Rafique	
12	CHETAN CHANDAN SHINDE		Shinde	
13	CHETAN GANESHRAO VAIDYA	Vaidya		
14	KOMAL RAJESH NARODE	Narode		
15	PRATIK RAJENDRA SHENDRE	Shendre		
16	SAKSHI HEMANTRAO SONONE	Sonone		
17	SAMEER DAMODHAR DHOMANE	Dhomane		
18	SHAIKH TAHIR SHAIKH AMEEN	Shaiikh		
19	SHIVAM SHYAM BHUSARE	Bhusare		
20	SHYAM NIRANJAN KANSE	Kanse		
21	VAISHNAVI RATNAKAR BELSARE	Belsare		
22	VISHWAJEETSINGH K THAKUR	Thakur		
		Chemical Composition of various Perfumes		


 Dr. Vinod M. Sherekar
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 Nandgaon Kh. Nandgaon Kh. Nandgaon Kh.

Department of Chemistry

Class: B.Sc. Part III Semester V

Date: 10th November 2022

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Signature of Student
1	AACHAL RAJENDRA HAMBARDE	Food Adulteration	Achal. R. Hambarde
2	ACHAL DILIP DESHMUKH		Deshmukh
3	ACHAL NANDKISHOR CHARDE		Charde
4	AKSHADA DNYANESHWAR DHANDARE		Dhandare
5	AMAN ASHPAK MAKWANI		Makwan
6	AMRUTA SOPAN KALE		Kale
7	ARPITA PRADIPRAO THAKARE		Thakare
8	ASHUTOSH DILIP INGOLE		Ingole
9	KARTIK RAVINDRA MAHURE		Mahure
10	KIRAN RAJU BANARASE		Banarase
11	KIRTI DILIP POPHALE	Chemistry in Beverages	Popphale
12	KOMAL DNYANESHWAR PUND		K. D. Pund
13	KOMAL JITENDRA SEN		Sen
14	MAYURI PRAVIN KAPADE		Kapade
15	MAYURI RAMESHWAR DEOTALE		Deotale
16	MOHD ANAS M MUSTAFA MAKWANI		Makwan
17	NIKHIL NANDU PRAGHANE		Pragane
18	PAWAN GAJANAN SONTAKKE		Sontakke
19	PRANAY SANJAY MARAPE		Marape
20	PRATIK KANESHVAR INZALKAR		Inzalkar

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Nandgaon Kh. Maharashtra

Department of Chemistry

Class: B.Sc. Part III Semester V

Date: 10th November 2022

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Signature of Student
21	PRATIKSHA ANAND INGALE	Phytochemical analysis of medicinal plant observed in Nandgaon Khandeshwar	P. Ingale
22	PRIYANKA RAJKUMAR GAJBHIYE		G. J. Bhiye
23	RAKHI RUPRAO SONONE		R. Sonone
24	RAVINA SANDIP NAVNAGE		R. Navne
25	RINA PRAVIN POPHALE		R. Pophale
26	ROHAN RAMRAO JADHAO		R. Jadhao
27	SAKSHI RAMESHWAR GULHANE		S. Gulhane
28	SAKSHI SANTOSH INZALKAR		S. Inzalkar
29	SAMIKSHA PRAMOD DAKARE		S. Dakare
30	SEJAL GAJANAN CHANDURKAR		S. Chandurkar
31	SHARAYU PURSHOTTAM CHAUDHARI	Determination of Water Quality parameters from Different sources in nearby region of Nandgaon Khandeshwar	S. Chaudhari
32	SHITAL SUBHASHRAO LONARE		S. Lonare
33	SHITAL VIJAY GADHAVE		S. Gadhave
34	SHIVANI JAYPALSINGH CHAVHAN		S. Chavhan
35	SHRADDHA ANIL BANKAR		S. Bankar
36	SHREYA GAJANAN DHOKE		S. G. Dhoke
37	SHREYASWI RAMESH DEVTALE		S. Devtale
38	SNEHAL BALU KAWARE		S. Kaware
39	VAISHNAVI DAMODHAR RUMNE		V. Rumne
40	VAISHNAVI RAVINDRA KHOBRADE		V. Khobrade


Dr. Kavita P. Kakade
In-Charge Teacher


Mr. Nilesh S. Padole
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Nandgaon Khandeshwar

Department of Chemistry

Class: B.Sc. Part III Semester V

Date: 10th November 2022

STUDENT LIST WITH TOPIC

Sr. No.	Name of Student	Topic	Signature of Student
41	VAISHNAVI RAVINDRA ZATALE	Chemical composition of Medicines used for Chronic disease treatment	<i>(Zatale)</i>
42	ACHAL RAMDAS BIJAVE		<i>(Bijave)</i>
43	ADIBA SAMAN ANEES KHAN		<i>(Aaliba)</i>
44	KALYANI NARHARI WAKODE		<i>(Kwakode)</i>
45	RUTIK TRYAMBAKRAO JAWALKAR		<i>(Rajwalkar)</i>
46	SAHIL VIKAS RAUT		<i>(Saurat)</i>
47	SAKSHI MAHENDRA DUKARE		<i>(Sakshi)</i>
48	SAKSHI VILAS DHAWALE		<i>(Dhawale)</i>
49	SAYALI PRAMOD GAWANDE		<i>(Gawande)</i>
50	SHARDDHA VIJAY RAUT		<i>(Sraut)</i>
51	VIVEKANAND ANIL PAWAR		<i>(V.A.Pawar)</i>

(Sherekar)
Dr. Vinod M. Sherekar
In-Charge Teacher

HEAD
(N. S. Padole)
Department of Chemistry
Mr. Nilesh S. Padole
Vinayak Vidnyan Mahavidyalaya,
Head of Department
Nandgaon Kh.

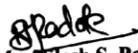
Department of Chemistry

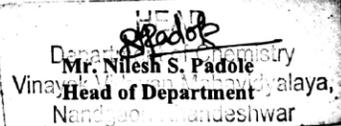
Class: B.Sc. Part III Semester V

Date: 30th November 2022

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
1	AACHAL RAJENDRA HAMBARDE	Food Adulteration	Achal. R. Hambarde	N. S. Padole
2	ACHAL DILIP DESHMUKH		Deshmukh	
3	ACHAL NANDKISHOR CHARDE		Acharde	
4	AKSHADA D. DHANDARE		Dhandare	
5	AMAN ASHPAK MAKWANI		Amakwani	
6	AMRUTA SOPAN KALE		Kale	
7	ARPITA PRADIPRAO THAKARE		Pradikare	
8	ASHUTOSH DILIP INGOLE		Ingole	
9	KARTIK RAVINDRA MAHURE		Kartik	
10	KIRAN RAJU BANARASE		Banarase	


Mr. Nilesh S. Padole
In-Charge Teacher


Department of Chemistry
Mr. Nilesh S. Padole
Head of Department
Vinayak Vidyan Mahavidyalaya,
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Remark:

Department of Chemistry

Class: B.Sc. Part III Semester V

Date: 30th November 2022

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
11	KIRTI DILIP POPHALE	Chemistry in Beverages	R Pophale	} Padole
12	KOMAL DNYANESHWAR PUND		K.D. Pund	
13	KOMAL JITENDRA SEN		Ksen.	
14	MAYURI PRAVIN KAPADE		Mayuri Kapade	
15	MAYURI RAMESHWAR DEOTALE		Mayuri Deotale	
16	MOHD ANAS M. MUSTAFA MAKWANI		Mohd. Anas M. Mustafa Makwani	
17	NIKHIL NANDU PRAGHANE		Nikhil Praghane	
18	PAWAN GAJANAN SONTAKKE		Pawankar Sontakke	
19	PRANAY SANJAY MARAPE		Pranay Marape	
20	PRATIK KANTESHWAR INZALKAR		Pratik Inzalkar	

Padole
Mr. Nilesh S. Padole
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HEAD
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Mr. Nilesh S. Padole
Vidyan Mahavidyalaya,
Head of Department
Nandgaon Khandeshwar

Remark:

Department of Chemistry

Class: B.Sc. Part III Semester V

Date: 30th November 2022

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
21	PRATIKSHA ANAND INGALE	Phytochemical Analysis of Medicinal plants in Nandgaon Khandeshwar Region	<i>P. Ingale</i>	
22	PRIYANKA RAJKUMAR GAJBHIYE		<i>Gajbhiye</i>	
23	RAKHI RUPRAO SONONE		<i>Ranone</i>	
24	RAVINA SANDIP NAVNAGE		<i>Navne</i>	
25	RINA PRAVIN POPHALE		<i>Pophale</i>	
26	ROHAN RAMRAO JADHAO		<i>R. Jadhao</i>	
27	SAKSHI RAMESHWAR GULHANE		<i>Gulhane</i>	
28	SAKSHI SANTOSH INZALKAR		<i>Inzalkar</i>	
29	SAMIKSHA PRAMOD DAKARE		<i>Dakare</i>	
30	SEJAL GAJANAN CHANDURKAR		<i>Chandurkar</i>	

Kavita
Dr. Kavita P. Kakade
In-Charge Teacher

HEAD
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Mr. Nilesh S. Padole
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Head of Department
Nandgaon Khandeshwar

Remark:

Department of Chemistry

Class: B.Sc. Part III Semester V

Date: 30th November 2022

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
31	SHARAYU PURSHOTTAM CHAUDHARI	Determination of Water Quality Parameters	<i>Shauddhary</i>	
32	SHITAL SUBHASHRAO LONARE		<i>Lonare</i>	
33	SHITAL VIJAY GADHAVE		<i>Gadhav.</i>	
34	SHIVANI JAYPALSINGH CHAVHAN		<i>Shivani</i>	
35	SHRADDHA ANIL BANKAR		<i>Bankar</i>	
36	SHREYA GAJANAN DHOKE		<i>S.G. Dhoke</i>	
37	SHREYASWI RAMESH DEVTALE		<i>Devtale</i>	
38	SNEHAL BALU KAWARE		<i>Kaware</i>	
39	VAISHNAVI DAMODHAR RUMNE		<i>Rumne</i>	
40	VAISHNAVI RAVINDRA KHOBRAGADE		<i>Khobragade</i>	

Kakade
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Mr. Nilesh S. Padole
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Vinayak Vidyan Mahavidyalaya,
Nandgaon Khandeshwar

Remark:

Department of Chemistry

Class: B.Sc. Part III Semester V

Date: 30th November 2022

PROJECT SUBMISSION LIST

Sr. No.	Name of Student	Topic	Signature of Student	In-Charge Teacher Sign
41	VAISHNAVI RAVINDRA ZATALE	Chemical Composition of Medicines used for Chronic disease treatment		
42	ACHAL RAMDAS BIJAVE			
43	ADIBA SAMAN ANEES KHAN			
44	KALYANI NARHARI WAKODE			
45	RUTIK TRYAMBAKRAO JAWALKAR			
46	SAHIL VIKAS RAUT			
47	SAKSHI MAHENDRA DUKARE			
48	SAKSHI VILAS DHAWALE			
49	SAYALI PRAMOD GAWANDE		S.P.Gawande	
50	SHARDDHA VIJAY RAUT			
51	VIVEKANAND ANIL PAWAR		V.A.Pawar	

Dr. Vinod M. Sherekar
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