

Principal's Report for the Academic Year 2023-2024

I am delighted to present the annual report of the academic year 2023-2024. It showcases significant progress made by the faculty, staff, and students. The achievements, from academic accomplishments to community outreach initiatives, represent milestones in the college's journey towards fulfilling its vision for the future. The report provides a detailed account of the college's achievements, initiatives, and aspirations for the future, encouraging readers to explore and remain steadfast in their pursuit of excellence.

I invite you to delve into the following pages, where you will find a comprehensive overview of our accomplishments, initiatives, and milestones achieved during the academic year 2023-2024. May this report inspire us to continue our journey of growth, innovation, and excellence in the years to come.

The following is the list of awards/ honours received to the College in the academic year 2023-2024.

Award/ Honour – TWO Awards were received by the college and its staff during this academic year.

No.	Award/ Honour	Conferring/ Inviting Agency
1	Best College Award for conducting Election Awareness Drive	Thane Municipal Corporation
2	Best Process Compliance Institute in Zone 2.	Quick Heal Foundation organized 'Cyber Shiksha for Cyber Suraksha Awards 2024' Pune

Degree College participated in 'Majhi-Vasundhara Competition 2024' conducted by Thane Municipal Corporation. This competition was organized in order to assess Institutional participation in environmental conservation.

Similarly, Junior College participated in 'Mazi Shala Sundar Shala' competition. College was also engaged in free medical check-ups for staff and painting of internal walls.

Memorandum of Understanding MoUs Signed – EIGHT MoUs

Our college has inked MoUs during this academic year for mutual benefit of students and staff with NGOs/ institutions/ foundations during this year as mentioned below:

1. Paryavaran Dakshata Mandal (Enviro vigil).
2. E Incarnation Recycling Private limited.
3. Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai
4. Budokan Institute of Martial Arts.
5. Lok Raj Sangathan (National Organization).
6. KIHE Society's Maharashtra College of Arts, Science and Commerce, Byculla, Mumbai.
7. Reiki Divine Spiritual Solutions.
8. Bhiwandi Nizampur Nagarpalika college of Arts, Science and Commerce.

Implementation of National Education Policy-2020 – SIX Program/Events conducted, the implementation efforts and initiatives undertaken by VPM's B N Bandodkar College of

Science (Autonomous) College, Thane in alignment with the NEP guidelines. To ensure smooth implementation and coordination of NEP-related activities, a dedicated NEP cell has been established and Prof. Dr. Anita Goswami-Giri served as NEP Nodal officer. The quality initiatives conducted are as follows-

Sr. No.	Program	Date
1.	Awareness programs were arranged for teaching staff and all FYBSc and MSc.-I students	19th July 2023.
2.	NEP week was celebrated	24-29 July 2023
3.	Prof. (Dr.) Anita Goswami-Giri conducted a lecture explaining the NEP awareness	24th July 2023
4.	For UG students of Human Science and Zoology, and PG students of Clinical Science, Prof. (Dr.) Vinda Manjaramkar delivered the NEP awareness lecture	25th July 2023
5.	Dr. Sangeeta Meshram, Head of the Physics Department, delivered an awareness lecture on NEP for FYBSc and M.Sc.Part I students.	2 nd August 2023.
6.	Awareness was also conducted for parents of FYBSc students of the aided section.	29th February 2024

Patents published/ granted to members of staff: EIGHT patents were published/ granted/ filed as follows:

Sr. No.	Name	Details
1.	I/C Prin. Prof. Dr. Vinda Manjramkar	Hydrolase enzyme complex for treatment of waste water. (Joint)
2.	I/C Prin. Prof. Dr. Vinda Manjramkar	Artificial intelligence -based approach to study the age associated alterations of brain mitochondria energetics. (Joint)
3.	I/C Prin. Prof. Dr. Vinda Manjramkar	Evaluation of cellular properties for non-small cell lung cancer treatment based on advanced nanoparticle drug delivery systems. Indian Patent. (Joint)
4.	I/C Prin. Prof. Dr. Vinda Manjramkar	IOT-enabled Respiratory sensor.
5.	I/C Prin. Prof. Dr. Vinda Manjramkar	Blood glucose monitoring device with testing strip set. (Joint)
6.	I/C Prin. Prof. Dr. Vinda Manjramkar	Advanced chamber to monitor fish health (Joint)
7.	Prof. Dr. Anita Goswami-Giri HOD of Chemistry	Thermogravimetric analyzer (TGA) for the measurement of thermal stability of materials.
8.	Dr. Jayashree Pawar Coordinator Biotechnology and Dr. Kalpita Mulye Coordinator, Microbiology	Method Of Staining Proteins In Native Polyacrylamide Gel Using Betalains In Beetroot Extract

Books and Research paper published/presented by the staff members – Nineteen Books and Research paper published/presented by the staff members

No.	Name	Title of book/ chapter/ research paper	Journal/book/publisher/Org anizer	Year
Books				
1.	Dr. Urmila Kumavat	Introduction to Research Methodology.	Book titled 'Multidisciplinary Research and Innovations' ISBN 978-81-970910-5-6	Feb. 2024
2.	Dr. Ajit Bhumkar	Dimethyl carbonate with ethers: Thermophysical study	IIP Book Series ISBN: 978-93-5747-689-8.	2023
3.	Dr. Pralhad Wagh	Molecular Interactions Study between butyl acetate with alkanes using Ultrasonic Techniques	IIP Book Series IIP Series ISBN: 978-93-5747-689-8.	2023
Research Papers				
4.	I/C Prin. Prof. Dr. Vinda Manjramkar (Joint)	Blood Cancer Detection and classification using Auto Encoder and regularized extreme learning machine.	Scopus Indexed journal	2023
5.	I/C Prin. Prof. Dr. Vinda Manjramkar (Joint)	A Novel Machine Learning Technique for Diabetic Prediction in IoT based Healthcare Monitoring System.	Scopus Indexed journal	2023
6.	I/C Prin. Prof. Dr. Vinda Manjramkar (Joint)	Rice Yellow Stem Borer: An Overview	The Agriculture Magazine	2024
7.	Dr. Anita S. Goswami-Giri (Joint)	Chemical Modification of <i>Solanum Xanthocarpum</i> Leaves Rubisco Due To Acidic Stress, Eur	Scopus Indexed journal	2023
8.	Dr. Sandeep Kahandal (Joint)	Revisiting the role of sulfated oxides for the synthesis of pharmaceutically important heterocycles: Understanding, challenges, and future prospects, Tetrahedron Green Chem	Tetrahedron Green Chem	2023
9.	Dr. Sandeep Kahandal	One-Pot Synthesis of CuO-CuFe ₂ O ₄ @rGO	ECS Advances	2023

	(Joint)	Nanostructure with Synergistic Effect for efficient Electrochemical Sensing Application of Paracetamol		
10.	Dr. Sandeep Kahandal (Joint)	Synthesis of Au-Pd@CeO ₂ Nanocomposite as a Potential catalyst for the Buchwald-Hartwig Cross Coupling and Amination of Benzyl Alcohol Reactions	Journal of Chemical Sciences	2024
11.	Dr. Jayashree Pawar (Joint)	Role of non-coding RNA in hypoxic tumours and their potential as biomarkers for early detection of cancer.	Scopus Indexed Journal	2024
12.	Dr. Kalpita Mulye	Role of non-coding RNA in hypoxic tumours and their potential as biomarkers for early detection of cancer.	Scopus Indexed Journal	2024
13	Aditya Mhatre, Asba Ansari, Urmila Kumavat, Vinda Manjramkar	A Review On Wildlife Conservation Projects For The Flagship Species Of India	Proceeding National Seminar Sponsored by Maharashtra Pollution Control Board, Mumbai on Legal Protection and Improvement of the Environment: Challenges and the Way Forward	24-02-2024
14	Asba Ansari,	Navigating Lifestyle Challenges For A	Proceeding National	24-02-

	Aditya Mhatre, Urmila Kumavat, Vinda Manjramkar	Greener Environment- A Review	Seminar Sponsored by Maharashtra Pollution Control Board, Mumbai on Legal Protection and Improvement of the Environment: Challenges and the Way Forward	2024
Paper Presentation				
15	I/C Prin. Prof. Dr. Vinda Manjramkar	Seasonal Variation of Zooplanktonic Community Structure in Nilje Lake, Dombivili.	One day international conference on 'Global Paradigm Shift: Initiatives of India in Science, Education, Technology, Business and Climate'.	10 January 2024
16	I/C Prin. Prof. Dr. Vinda Manjramkar	Comparative studies on LGBTQ+ in Ancient, medieval and Modern Civilization.	National History Convention	2023
17.	Dr. Ajit Bhumkar	Current Research Scenario in Science and Technology CRSST-24	National Seminar organized by Arts, Commerce, Science and Computer Science College Ashvi Kd.	19th and 20th January 2024.
18	Dr. Pralhad Wagh	Current Research Scenario in Science and Technology CRSST-24	National Seminar organized by Arts, Commerce, Science, and Computer Science College Ashvi Kd.	19th and 20th January 2024.
19.	Dr. Sandeep Kahandal	Spectrometric determination of fluoride in lake water using EBT	National Seminar on Current Research Scenario in Science and Technology conducted by ACS College Ashvi Kd. Pune.	19th -20 th Jan 2024.

Special Academic and Co-Curricular Achievements by Members of Staff:

Fourteen members received Special Academic and Co-Curricular Achievements

Sr. No.	Name	Department	Achievement
1.	I/C Prin. Prof. Dr. Vinda Manjramkar	Zoology	Krantijyoti Savitribai Phule Gaurav Puruskar 2024
2.	Prof. Dr. Anita Goswami	Chemistry	Under her guidance, one student completed Ph.D. Avishkar host Coordinator and organized the University zonal 18 th Avishkar Intercollegiate Research Convention on December 5, 2023
3.	Capt. Bipin Dhumale	NCC Army Boys	Awarded as Instructor of Best RDC Contingent. Awarded for gracing the event from Manshree foundation. Attended the All India Republic Day Camp (AIRDC) in Delhi, 2024.
4.	Dr. Jayashree Pawar	Biotechnology	Honourable Vice-chancellor nominated member of Board of Studies, Biotechnology, University of Mumbai since October 2023 Nominated by VPM's B. N. Bandodkar College of Science was selected for complementary registration as SSR (Scientific Social Responsibility) under SERB grant of Dr. Jyoti Kode, ACTREC, Navi Mumbai, Maharashtra, India.
5.	Mr. Anil Athawale	Hindi	Best Teacher Award
6.	Ms. Sayali Daptardar (Avishkar project guide)	Biochemistry	Avishkar Research convention zonal round winner.
7.	Ms. Meetali Chinnakar	Biochemistry	Avishkar Research convention zonal round winner.
8.	Ms. Sumaiya Shaikh	Statistics	Avishkar Research convention zonal round winner.
9.	Dr. Tanzim Shaikh	Statistics	Awarded Ph.D in statistics.
10.	Ms. Ankita Shinde	IT-CS	NET Qualified June 2023.
11.	Mr. Sanket Phad	Physics	M-SET Qualified June 2023.
12.	Mr. Aditya Mhatre	EVS/BWCM	M-SET Qualified June 2023.
13.	Ms. Simeen Rumani	BWCM	Cleared MAH-B.Ed CET Exam in 2023, University of Mumbai

14.	Prof. Ankita Shinde	IT/CS	Awarded Extra Mile Recognition in Zone 2, 'Cyber Shiksha for Cyber Suraksha Awards 2024' at Pune on 10 th February 2024
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Noteworthy Achievements by students: Fifty-Four students received noteworthy Achievement.

Sr. no.	Name	Department/Committee	Achievement
1.	Ms. Prachi Aher	Gymkhana	Gold Medal Fencing DSO
2.	Ms. Rishita Arenkeri	Gymkhana	Selected for Division Level Kickboxing.
3.	Ms. Amruta P Thombre	Gymkhana	Silver Medal Interzonal Wrestling Competition
4.	Mr. Sujal Khutwad	Gymkhana	Gold Medal Wrestling DSO
5.	Ms. Samiksha Salunkhe	Gymkhana	4 th Place Chess Tournament DSO
6.	Ms. Fariha Sheikh	Gymkhana	Lawn Tennis Bronze DSO
7.	Mr. Pranay Rakhade	Gymkhana	3 rd Place Shotput DSO
8.	Mr. Vaishnavi Pravin Virkar	Gymkhana	3 rd Place Kickboxing, DSO
9.	Ms. Dipali Pankar	Gymkhana	3 rd Place Athletic 400M DSO
10.	Mr. Aryan Phalke	Gymkhana	Silver Medal Carrom DSO
11.	Mr. Pratamesh Mhatre	Gymkhana	Third place 200 mtr run
12.	Mr. Rohan Dalvi	Gymkhana	Selected for Intercollegiate Cricket Team Selection
13.	Ms. Neha S Pawar	Gymkhana	Silver Medal In Interzonal Weight Lifting
14.	Mr. Hrushikesh Bedse	Gymkhana	Gold Medalist Taekwondo DSO.
15.	Mr. Aditya Amol Kamble	Gymkhana	Bronze Medal Powerlifting Competition.
16.	Ms. Khushi Swarn	Gymkhana	Zonal Level Participation in Carrom DSO.
17.	Mr. Harshad S Pawar	Gymkhana	Silver Medal In MU Boxing Tournament
18.	Mr. Paramveer D Singh	Gymkhana	Gold Medal In MU Boxing Tournament
19.	Mr. Malhar Bhosale	Gymkhana	3 rd Place in Boxing
20.	Mr. Harsh Sachin Tajane	Gymkhana	Silver medalist intercollegiate Boxing.
21.	Mr. Vipul Shinde	Gymkhana	Bronze Medal In Boxing.

22.	Ms. Sakshi Lokhande	Gymkhana	1 st Place in Boxing Intercollegiate 3 rd Place Taekwondo Zonal
23.	Ms. Ketaki Nirbhavane	Biotechnology	First Prize at 'Voice for BT', the intercollegiate public speaking contest on Biotechnology organized by D. Y. Patil University, Navi Mumbai.
24.	Mr. Shravan Bhosle	Human Science	Third Rank (Bronze medal) in elocution competition.
25.	Ms. Soha Joshi	Microbiology	Selected for final round of National level Microbioolympiad competition.
26.	Ms. Padma Mamidisetty	Biotechnology	Selected for final round of National level Microbioolympiad competition.
27.	Ms. Shreya Tambe	Biotechnology	Selected for final round of National level Microbioolympiad competition.
28.	Ms. Soha Joshi	Microbiology	Secured third prize in the intercollegiate event microscope at Somaiya college.
29.	Ms. Bhargavi Patil	Microbiology	Secured third prize in the intercollegiate event microscope at Somaiya college.
30.	SUO. Shailesh Rajesh Yadav	NCC	Represented the Maharashtra Directorate at the All India Thal Sainik Camp held in Delhi, 2022-23, specifically excelling in Judging Distance and Field Signal (JDFS).
31.	Disha Gangaram Shewale	Chemistry	First prize in "Elements Auction" Competition arranged by Royal College of Art commerce and Science, Bhayandar
32.	Mahesh Santosh Kale	Chemistry	First prize in "Elements Auction" Competition arranged by Royal College of Art commerce and Science, Bhayandar

33.	Sejal Kishor Khopade	Chemistry	First prize in “Elements Auction” Competition arranged by Royal College of Art commerce and Science, Bhayandar
34.	Manish Santosh Sharma	Chemistry	First prize in “Elements Auction” Competition arranged by Royal College of Art commerce and Science, Bhayandar
35.	Vishal Sunil Shinde	Chemistry	First prize in “Elements Auction” Competition arranged by Royal College of Art commerce and Science, Bhayandar
36.	Atharva Bagade	Cultural (Youth festival).	Secured SECOND RANK in Classical Instrumental [Percussion] Solo: Taalvadya competition at 56 th Inter-Collegiate / Institute / Department Cultural Youth Festival (Zonal Round): 2023-24 organized at B.K. Birla College of Arts, Science and Commerce (Autonomous), Kalyan on August 18, 2023 for Zone IV (Thane Central).
37.	Idrishi Hooeda Makbul	Cultural (Youth festival).	Secured THIRD RANK in Cartooning competition at 56 th Inter-Collegiate / Institute / Department Cultural Youth Festival (Zonal Round): 2023-24 organized at Smt. Chandibai Himathmal Mansukhani College, Ulhasnagar on August 12, 2023 for Zone IV (Thane Central).
38.	Kulkarni Shravani Sunil	Cultural (Youth festival).	Secured THIRD RANK in Indian Classical Dance competition at 56 th Inter-Collegiate / Institute / Department Cultural Youth Festival (Zonal Round): 2023-24 organized at B.K. Birla

			College of Arts, Science and Commerce (Autonomous), Kalyan on August 18, 2023 for Zone IV (Thane Central).
39.	Shambhavi Chavan	M.Sc. I BWCM	First prize in a Photography competition in National conference on “World Wetlands Day” organized by University of Mumbai and Paryavaran Dakshata Mandal on 2 nd February 2024.
40.	Shambhavi Chavan	M.Sc. I BWCM	Titled “Checklist of Butterfly Diversity in Godrej Mangroves During Post Monsoon Season” accepted for publication by the upcoming newsletter (2024) of SACON EIACP Programme Centre.
41.	Sarvesh Abhyankar	M.Sc. II BWCM	Volunteered for 2-day Herpetofauna Count conducted by Green Works Trust at Kusavade, Koyna, Maharashtra
42.	Omkar Mundhe	MSc. II EVS	Won First prize in a poem writing competition organized by the Cultural committee of BNB.
43.	Nandini tyagi	S.Y. B.Sc. CS	Won prize in category of Outstanding Performance
44.	Harshada Kotwadekar	S.Y. B.Sc. CS	Won prize in category of Outstanding Performance
45.	Shlesha Boke	Cultural	Won 3 rd Prize in Dance Sanskar Bharti (State)
46.	Krutika Jadhav	Cultural	Won 1 st Mandala art Gandharva
47.	Dhanashri Shinde	Cultural	Best costume (Female) Folk Dance Navratrotsav
48.	Ayush Gupta	Cultural	Best costume (Male) Folk Dance Navratrotsav
49.	Sanskar More Best	Cultural	Dance(Male) Folk Dance Navratrotsav
50.	Swati Lote Best	Cultural	Dance(Female) Folk Dance Navratrotsav
51.	Saneelah Vasaikar	Biochemistry	2 nd Prize in Mehendi, Intercollegiate Competition, January 2023
52.	Saneelah Vasaikar – Bhumika Korpe	Biochemistry	1 st Rank in Flagship competition, Intercollegiate, December 2023

53.	Bhumika Korpe	Biochemistry	2 nd Digital poster making competition, college level, March 2024
54.	Ms. Ashwini Pawar	Chemistry	Awarded Ph.D in chemistry guided by Prof. Dr. Anita Goswami.

H.S.C Result for the academic year –

Rank Holders

Rank	Name of students	Marks	Percentage
1	Ms. Sanika Gore	572	95.33%
2	Ms. Riya Suryawanshi	556	92.67%
3	Ms. Shreya Gokhale	549	91.50%

First in Subject

Sr.No.	Subject	Name of the students	Marks
1.	English	Suyash Shirsat	93/100
2.	Marathi	Tejaswini Patil	94/100
3.	Hindi	Srushti Yadav	97/100
4.	Sanskrit	Ruhi Dandekar Ajinkya Dharap	100/100 100/100
5.	Maths	Sanika Gore	98/100
6.	Physics	Sanika Gore	89/100
7.	Chemistry	Sanika Gore	95/100
8.	Biology	Drushti Bhoir	95/100
9.	Computer Science	Sanika Gore Shreya Gokhale	200/200 200/200

Tabulated Results of the last Board and University Examinations conducted.

Class	% Result
FYJC	96.25
SYJC	94.00
F.Y.B.Sc.	55.92
S.Y.B.Sc.	70.02
T.Y.B.Sc.	79.57
M.Sc. (Part I)	84.72
M.Sc. (Part II)	98.63

Subject wise results at Graduation and Post-Graduation

No.	Subject (B.Sc. Aided)	Pass Percentage	No.	Subject (B.Sc. Self- Financing)	Pass Percentage	No	Subject (M.Sc.)	Pass Percentage
1	Botany	88. 24	1	Biotechnology	92.31	1	Chemistry	100
2	Chemistry	74.19	2	Biochemistry	90.48	2	Environmental Science	100
3	Physics	29.41	3	Computer Science	93.48	3	Information Technology	100
4	Mathematics	59. 26	4	Information Technology	93. 27	4	Physics	88.89
5	Statistics	95.56	5	Human Science	95	5	Biodiversity Conservation and Wildlife Management	100
6	Zoology	68. 09	6	Microbiology	68			
Overall Result		T.Y.B.Sc 79.57				M.Sc. 98.63		

Scholarships and Other Grants Received: Scholarships and other grants received were as follows

No.	Scholarship/ Agency	Amount (Rs)
1	Social Welfare Office	40,96,420
2	Jt. Director of H.E. Office	67,600
3	Mumbai University Book bank scheme	89,096
Total		4,253,116

Sponsorship received during the year:

Sr. No.	Committee/ Department	Amount in Rs.
1	Cultural -Aakanksha Fest (Private Agency)	73500
2	Statistics Fest (Private Agency)	19500
3	DLLE (Private Agency)	15000
4	Avishkar Research Convention (UOM)	25000
5	Physics - 3 Days Workshop (NGO)	25000
6	UDAAN Fest (UOM)	30000
7	Mazi Shala Sundar Shala (Rotary Club)	10000
8	Chemistry (Private Agency)	5000

9	Zoomagica (Rotary Club)	10000
	TOTAL	2,13,000/-

Collaboration Activity with Mangrove Foundation and Forest Department

- **Guest Lecture was arranged on 26th July 2023 i.e. International Day for Conservation of Mangrove 2023.** It intended to create awareness of the mangrove ecosystem for better understanding, their importance for maintaining a sustainable environment and to identify their degradation factors showing a potential impact on local communities livelihood. It was attended by a total of 66 participants.
- **Poster Competition on account of International Day for Conservation of Mangrove 2023 was arranged on 25/07/2023.** Total 15 participants presented a poster competition. Results of Poster Competition conducted were announced :

Rank 1: Varada Chavan (BZ)

Rank 2: Sampada Kulkarni (CZ)

Rank 3: Shruti Patil (Biochemistry)

Consolation 1 :Sanskriti Mourya (HS)

Consolation 2 (Divided) Vaishnavi Chavan (CZ) and Melvin Nadar (Biochemistry)

Millet's mela and walkathon

Millet's mela and walkathon was organized in collaboration with the Food and Drugs administration on 23/08/2023. Total 158 participants attended this program and Guest Resource persons included:

- **Nandakumar Waghmare - Information officer**
- **V H Chavan - Asst. Committee (Retd)**
- **D W Bhagwade - Asst. Committee FDA**
- **Pravin Suryavanshi - Asst. Committee FDA**
- **V V Vedpathak - Asst. Committee FDA**
- **Gajanan patil - Grahak Service Ganesh Joshi - President Grahak Raja**
- **Vinaykumar Awate - Member CCRH**
- **Dr. Shital Nagare - Dietician Civil Thane**
- **Rajkumar Powar - Assf. Police ACP**

'Meri Maati Mera Desh' Activity by NSS Unit

'Meri Maati Mera Desh' is a nationwide campaign launched to honour the Veers and Veeranganas who have made the supreme sacrifice for the country. The NSS unit of our college conducted many activities in the months of August and September 2023 with the focus on the theme of campaign - 'Mitti ko Naman, Veero ka Vandan'.

NSS volunteers took 'Panch Pran' pledge. A Felicitation program was conducted for honoring the retired freedom fighters. Plantation of saplings of indigenous species was conducted at

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1. I/C Prin. Prof. Dr. Vinda Manjaramkar
 - Online meeting of Board of studies in Zoology on 9th March 2024
2. Mrs. Surabhi Walavalkar Thosar (BWCM/EVS):
 - Invited as a Judge for ‘Lokmat Eco Friendly Ganesh Festival 2023’ competition.
 - Invited as a Judge for ‘Essay Competition’ in a National conference on World Wetlands Day organized by University of Mumbai and Paryavaran Dakshata Mandal
 - Guest Lecture, delivered a Talk on ‘Introduction to Biodiversity’ in Khuli Paryavaran Shala (Online Open Environmental School) – an initiative by Thane Municipal Corporation and Paryavaran Dakshata Mandal.

18th Inter-collegiate/Institute /department Avishkar Research Convention AY-2023-24
ZONE IV: Thane West (Code 4-21) has been hosted by B. N. Bandodkar College of Science
(Autonomous) on 5th Dec 2023.

From B. N. Bandedkar College of Sciences, a total of 19 projects were presented by 43 students under the guidance of 13 teachers in UG and PG categories from Chemistry, Physics, Zoology, Biochemistry, Statistics, Human science, Environmental Science and Clinical Psychology. Certificate of merit was achieved by three projects. They are as follows

1. Sonali Mishra 2. Aliya Shaikh	S. Y. B.Sc Biochemistry	Unravelling the potential of water melon peel as dyes.	Ms. Meetali Chinnkar	Avishkar (Zonal Round winners)	2023
3. Gayatri Sahu 4. Anushka Kulkarni 5. Shravani Chipade	S.Y. B.Sc. Biochemistry	Extraction and application of chitin and its derivative.	Ms. Sayali Daptardar	Avishkar (Zonal Round winners)	2023
6. Aditya Shinde 7. Tejas Desai 8. Kaustubh Jadhav	T.Y.B.Sc.	A comprehensive study of times series prediction method for forecasting future trends in UPI transactions.	Ms. Sumaiya Shaikh	Avishkar (Zonal Round winners)	2023

Service to the Nation: National Service Scheme (NSS) – Sixty-Seven Drives / Donation / Plantation/ etc

Clean-Up Drive				
Sr. no.	Date	Event Name	Collaboration	Location
1)	10/6/2023	Cleanliness drive at college	None	College campus
2)	1/9/2023	Swachta pledge (shs)	None	B.N. Bandodkar College science (Autonomous) , Thane(w).
3)	16/9/2023	Cleanliness drive at kopri (coastal clean up)	Paryavaran Dakshata	Chendani koliwada
4)	17/9/2023	Cycle rally on swachta hi seva	TMC	Thane Municipal Corporation
5)	25/9/2024	Campus cleaning drive (shs)	None	College campus
6)	30/9/2023	Yoor hills (cleanup drive)	None	Yoor hills

7)	01/10/2023	Cleanliness drive at public Place bus stand	None	Thane railway station
8)	01/10/2023	Cleanliness drive at public Place bus stand	None	Thane railway station
9)	22/11/2023	College cleanliness drive (shs)	None	College campus
10)	26/12/2023	Cleanliness drive at yeoor Hills d-1	None	Yeoor hills
11)	28/12/2023	Cleanliness drive at yeoor Hills d-2	None	Yeoor hills
12)	29/12/2023	Cleanliness drive at yeoor Hills d-3	None	Yeoor hills
13)	30/12/2023	Cleanliness drive at yeoor Hills d-4	None	Yeoor hills
14)	13/1/2024	Cleanliness drive at yeoor hill	None	Yeoor hills
15)	18/1/2024	Cleanliness drive at yeoor hill	None	Yeoor hills
16)	21/1/2024	Cleanliness drive at yeoor hill	None	Yeoor hills
Blood Donation Camp				
Sr. no.	Date	Event Name	Collaboration	Location
17)	19/6/2023	Mega blood donation camp	Thane civil Hospital	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
18)	2/12/2023	Blood donation camp (college)	Thane civil Hospital	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
19)	3/12/2023	Blood donation camp (thane Railway station)	Kai Wamanrao Oak blood bank.	Thane railway station

20)	16/12/2022	Blood donation camp (thane Railway station)	Shivsanskriti Samajik	Thane railway station
Tree Plantation Drive				
Sr. no.	Date	Event Name	Collaboration	Location
21)	5/6/2023	Tree plantation at college	None	College campus
22)	12/8/2023	Tree plantation at kolshet (mmmd)	None	Shaheed kishor ganpat patil udyaan-amrutvatika.kolshet
Pulse Polio Drive				
Sr. no.	Date	Event Name	Collaboration	Location
23)	28/5/2023	Pulse polio drive day -1	Pulse polio Immunisation	Thane railway station
24)	29/5/2023	Pulse polio drive day -2	Pulse polio Immunisation	Thane railway station
25)	30/5/2023	Pulse polio drive day -3	Pulse polio Immunisation	Thane railway station
26)	31/5/2023	Pulse polio drive day -4	Pulse polio Immunisation	Thane railway station
27)	1/6/2023	Pulse polio drive day -5	Pulse polio Immunisation	Thane railway station
28)	2/6/2023	Pulse polio drive day -6	Pulse polio Immunisation	Thane railway station
29)	10/12/2023	Pulse polio drive	Thane Municipal	Ayurvedic hospital ,near dadoji kondev stadium
Clothes and Grain Collection Drive				
Sr. no.	Date	Event Name	Collaboration	Location
30)	25/7/2023	Clothes and grains collection Drive (irshalwadi ehaviora) day-1	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
31)	26/7/2023	Clothes and grains collection Drive (irshalwadi ehaviora) day-2	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
32)	28/7/2023	Clothes and grains	None	Building no. 7, B.N. Bandodkar College

		collection Drive (irshalwadi ehaviora) day-3		science (Autonomous) , Thane(w).
33)	29/7/2023	Clothes and grains collection Drive (irshalwadi ehaviora) day-4	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
34)	31/7/2023	Clothes and grains collection Drive (irshalwadi ehaviora) day-5	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
Rakhi Stall Drive				
Sr. no.	Date	Event Name	Collaboration	Location
35)	11/8/2023	Rakhi stall day -1	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
36)	12/8/2023	Rakhi stall day -2	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
37)	16/8/2023	Rakhi stall day -3	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
38)	17/8/2023	Rakhi stall day -4	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
39)	18/8/2023	Rakhi stall day – 5	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
40)	19/8/2023	Rakhi stall day -6	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
41)	21/8/2023	Rakhi stall day -7	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
42)	24/8/2023	Rakhi stall	None	Building no. 7, B.N.

		day -8		Bandodkar College science (Autonomous) , Thane(w).
43)	26/8/2023	Rakhi stall day -9	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
Plastic Collection Drive				
Sr. no.	Date	Event Name	Collaboration	Location
44)	26/9/2023	Plastic collection drive -1	None	College campus
45)	27/9/2023	Plastic collection drive -2	None	College campus
46)	29/9/2023	Plastic collection drive -3	None	College campus
47)	5/10/2023	Plastic collection drive -4	None	College campus
48)	6/10/2023	Plastic collection drive -5	None	College campus
49)	7/10/2023	Plastic collection drive -6	None	College campus
Snacks Making Drive				
Sr. no.	Date	Event Name	Collaboration	Location
50)	1/11/2023	Snacks making at yeoor d-1	None	Yoor hills
51)	2/11/2023	Snacks making at yeoor d-2	None	Yoor hills
52)	3/11/2023	Snacks making at yeoor d-3	None	Yoor hills
53)	5/11/2023	Snacks making at yeoor d-4	None	Yoor hills
54)	6/11/2023	Snacks making at yeoor d-5	None	Yoor hills
55)	7/11/2023	Snacks making at yeoor d-6	None	Yoor hills
56)	8/11/2023	Snacks making at	None	Yoor hills

		yeoor d-7		
57)	9/11/2023	Snacks making at yeoor d-8	None	Yeoor hills
Diwali Faral Stall Drive				
Sr. no.	Date	Event Name	Collaboration	Location
58)	4/11/2023	Diwali faral stall d-1	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
59)	6/11/2023	Diwali faral stall d-2	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
60)	7/11/2023	Diwali faral stall d-3	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
61)	8/11/2023	Diwali faral stall d-4	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
62)	9/11/2023	Diwali faral stall d-5	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
Stationary Collection Drive				
Sr. no.	Date	Event Name	Collaboration	Location
63)	3/1/2024	Stationery collection drive d-1	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
64)	4/1/2024	Stationery collection drive d-2	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
65)	5/1/2024	Stationery collection drive d-3	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
66)	8/1/2024	Stationery collection drive d-4	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).
67)	12/1/2024	Stationery collection drive d-5	None	Building no. 7, B.N. Bandodkar College science (Autonomous) , Thane(w).

Service to the Nation: National Cadet Corps (NCC) – Thirty-seven Events/Activity/Camps conducted under NCC.

NCC Activities:			
1. The ASC THANE UNIT celebrates Independence Day and Republic Day annually, organizing various programs.			
2. Cadets actively participate in social initiatives such as blood donation drives, tree plantation campaigns, and events commemorating occasions like Kargil Vijay Diwas, Shahid Diwas, and Yoga Day.			
3. Engaging in various rallies like the Anti-Drug Rally and Night March further enriches the cadets' experiences.			
National Level Camps:			
4. SUO. Shailesh Rajesh Yadav attended the All India Thal Sainik Camp (AITSC) in Delhi, 2022.			
5. JUO. Shubham Umeshkumar Yadav participated in the Advance Leadership Camp (ALC) at Chhatrapati Sambhaji Nagar.			
6. CQMS Amol Balakrishna Udugade joined the Ek Bharat Shresth Bharat (EBSB) camp held at Varanasi (Uttar Pradesh).			
7. SGT. Abhang Mahesh Devale also participated in the Ek Bharat Shresth Bharat (EBSB) camp held at Varanasi (Uttar Pradesh).			
8. CDT. Atharva Sharad Pawar, CDT. Jitendra Ramprasad Rastogi, and CDT. Shubham Khandu Date participated in the Shivaji Trail Trek (STT) held at Kolhapur.			
9. CDT. Atharva Sharad Pawar, CDT. Jitendra Ramprasad Rastogi, and CDT. Shubham Khandu Date participated in the Shivaji Trail Trek (STT) held at Kolhapur.			
State Level Camps:			
10. SGT. Rahul Yadav, CDT. Harsh Dhiver, CDT. Akshat Dhonde, CDT. Kunal Kharat, CDT. Akash Chaturvedi, and CDT. Jitendra Rastogi participated in the Army Attachment Camp (ATC) at Pune.			
11. CDT. Soumyaraj Shinde, CDT. Sarthak Choramali, CDT. Akash Chaturvedi, and CDT. Jitendra Rastogi participated in the Army Attachment Camp (ATC) at Colaba.			
12. CDT. Atharv Pawar attended the Thal Sainik Camp till IGC at Ahmednagar.			
13. Eight cadets participated in the Army Attachment Camp (ATC) at Pune, while five cadets participated in the ATC at Colaba, ehaviora to 13 cadets.			
Regional Level Camps:			
14. Many cadets represented the ASC THANE UNIT at the Combined Annual Training Camp held at Thane and ASC Thane College Campus.			
NCC Events /Activities			
Sr.no:	Event Name	Date	Chief Guest / Resource Person
15.	International Day of Clean Air for blue sky	07/09/2023	Raju Jadhav (Scientist)
16.	Cleanliness Campaign Program	10/08/2023	Dr.Prof.Vinda Manjramkar
17.	Cleanliness Campaign Program	11/08/2023	Dr.Prof.Vinda Manjramkar
18.	75 th Independence Day of India	15/08/2023	Chairman Dr. Vijay Bedekar
19.	Blood Donation Camp	06/08/2023	Dr.Prof.Vinda Manjramkar
20.	National Anthem singing program	09/08/2023	Indian Army Soldier Havaladar Bhup Singh

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Cultural Association - Forty Winner Students of Youth/Intercollegiate/ Akanksha associated with Cultural association.

Youth festival – Mumbai University		
Around 120 students participating in the youth festival organized by Mumbai University.		
The college won three awards at zonal level in various competitions:		
1.	Shravani Kulkarni-2 nd in Indian Classical dance,	
2.	Atharva Bagade-3 rd in Indian Classical Instrumentals (Percussion).	
3.	Hooeda Idrishi- 3 rd in Cartooning.	
Ms. Shravani Kulkarni also won the third prize at final round of 56 th Mumbai university Youth Festival.		
Cultural Event – B.N. Bandodkar College		
Event	Students	Date
Inaugural function of the Cultural Association	230 Students	13 th September 2024
The Cultural Association also organized a folk-dance event	435 students	28 th October 2023
Aakanksha fest	300 students	22 nd December
Competitions like mehndi, bridal make-up, story-telling, poem writing, photography, shayri, tote-bag, treasure hunt, singing, dancing, etc.		
Winners of Cultural Association Competition		
4. Nikita Borvde 1 st Prize in Bridal Makeup Aakanksha Fest		
5. Sayee Lonkar 2 nd Prize in Bridal Makeup, Aakanksha Fest		
6. Vaishnavi Jadhav 3 rd Prize in Bridal Makeup, Aakanksha Fest		
7. Sonali 1 st Prize in Mehendi, Aakanksha Fest		
8. Siddhi Hajare 2 nd Prize in Mehendi, Aakanksha Fest		
9. Pallavi 3 rd Prize in Mehendi, Aakanksha Fest		
10. Varada Chavan 1 st Prize in Tote bag painting, Aakanksha Fest		
11. Krutika Jadhav 2 nd Prize in Tote bag painting, Aakanksha Fest		
12. Namrata Salvi 3 rd Prize in Tote bag painting, Aakanksha Fest		

13. Omkar Munde 1st Prize in Poem Writing, Aakanksha Fest
14. Afiya Gawte 2nd Prize in Poem Writing, Aakanksha Fest
15. Komal Jadhav 2nd Prize in Poem Writing, Aakanksha Fest
16. Mrunal More 3rd Prize in Poem Writing, Aakanksha Fest
17. Tanmay Sangale 1st Prize in Shayari, Aakanksha Fest
18. Komal Jadhav 2nd Prize in Shayari, Aakanksha Fest
19. Supriya Jadhav 3rd Prize in Shayari, Aakanksha Fest
20. Saniya Jadhav 1st Prize in Love Letter Writing, Aakanksha Fest
21. Neha Patil 2nd Prize in Love Letter Writing, Aakanksha Fest
22. Rakshita Patil 3rd Prize in Love Letter Writing, Aakanksha Fest
23. Shreya Rumde 1st Prize in Photography, Aakanksha Fest
24. Krushna Tandale 2nd Photography, Aakanksha Fest
25. Tanmay Sangale 3rd Prize in Photography, Aakanksha Fest
26. Tanvi Javkar 1st Prize in Dance (Solo), Aakanksha Fest
27. Shreya Yadkikar 2nd Prize in Dance (Solo) Aakanksha Fest
28. Swara Pawar Consolation Dance (Solo), Aakanksha Fest
29. Sakshi Jain Consolation Prize in Dance (Solo), Aakanksha Fest
30. Pradnya Pawar Consolation Prize in Dance (Solo), Aakanksha Fest
31. Tanvi Chaudhary and Komal Kajalkar 1st Prize in Dance (Duo), Aakanksha Fest
32. Shreya Salunke and Shreya Suryavanshi Consolation Prize in Dance (Duo), Aakanksha Fest
33. Sayali Koli and group 1st Prize in Dance (Group), Aakanksha Fest
34. Chetan Verma and group 2nd Prize in Dance (Group), Aakanksha Fest
35. Tanishkq and group Consolation Prize in Dance (Group), Aakanksha Fest
36. Ira Khadilkar 1st Prize in Singing (Solo) Aakanksha Fest

37. Shrushti Pawar 2nd Prize in Singing (Solo), Aakanksha Fest
38. Soha Joshi Consolation Prize in Singing (Solo) Aakanksha Fest
39. Anish Patil and group 1st Prize in Singing (Group) Aakanksha Fest
40. Mayuresh Raut and team Winner Treasure hunt Aakanksha Fest

Department of Lifelong Learning And Extension – (DLLE) SIX Major Event/Program conducted for the development and overall growth of the students.

1.	Vocational Career Oriented Projects: Career Project, Industry Orientation Project, Anna Poorna Yojana	116 students have participated in these projects and maintained strong ties between the college and the surrounding community.
2.	Community Oriented Projects: Survey Research, Environment Education.	
3.	Some activities were arranged at college level → blood donation camp in collaboration with Thane Civil Hospital, → celebration of Millets Day in collaboration with Food and Drugs Administration, → Personality Development Program in collaboration with Whisper Company. → Cake making workshop was conducted in collaboration with Ushadevi Management College in their premises.	
4.	Opportunities for experiential learning, entrepreneurship, leadership development, and personal growth. → the Annapoorna Yojana projects students arranged the food stalls on Navratri Utsav, → Avishkar Research Convention Programme, → UDAAN festival → and on other normal days.	
5.	Commitment to social responsibility and community service → Creek Cleaning Drive – was conducted at Kolshet Khadi to remove trash and debris from beach and to change behaviours that cause pollution and to raise awareness on the extent of the marine.	
6.	To promote the cultural and artistic expression → A mega event conducted and hosted by DLLE of the college was the UDAAN festival under the University of Mumbai.	In which around 400 students and teachers from 21 colleges which are affiliated to Mumbai University had participated.

Green Club – FIVE Project/events/program/ lecture.

Green Club

“Youth Engagement and Stewardship for water conservation” program in the state for the period of three years 2023-2025 by forming Green Club at Colleges.				Total 105 students enrolled in the Green Club of our college.
Mega E-waste Collection Drive	Green Club Faculty Coordinators Dr. Kiran Pariya and Dr. Akanksha Shinde with Ms. Anjali Yadav, Mrs. Surabhi Thosar and Mrs. Nilam Nimbalkar coordinated this activity.	Around 208 Kg of e-waste is collected and safely disposed through Aqsa Stamping, Andheri, and Mumbai	01/11/2023 to 09/11/2023	
An orientation lecture	Dr. Kiran Pariya	Topic Conservation of water	21/12/2023	
Students completed the MYCA certificate course under the guidance of Dr. Akanksha Shinde. Hard copy of the certificate has been attached to the green club file.				
Poster Making competition	“Water for Peace”	02 /03/ 2024		

Gymkhana – Twenty-Four Tournaments/ Intercollegiate/ College level competition

Tournament <ol style="list-style-type: none"> 1. Table-Tennis, 2. Chess, 3. Carrom, 4. Box Cricket, 5. Football, 6. Tug of War 7. Athletics.
Intercollegiate Competitions <ol style="list-style-type: none"> 8. Box Cricket, 9. Football, 10. Kabaddi, 11. Kho-Kho, 12. Volley Ball, 13. Chess, 14. Air Rifle 15. Shooting, 16. Judo, 17. Taekwondo, 18. Boxing, 19. Weightlifting,

20. Swimming, 21. Artistic Gymnastic, 22. Cycling, 23. Water polo Fencing 24. Powerlifting.			
Annual Sports Event			
Organized by Gymkhana Committee	Table-Tennis, Chess, Carrom, Box Cricket, Football, Tug of War Tournaments Athletics	Total of 438 students	6 th December 2023 to 21 st December 2023.
Organized by Gymkhana Committee	Carrom Competition	Total count of 178 students (85 Junior college + 93 Degree college).	7 th to 17 th December, 2023
Organized by Gymkhana Committee	→ Table Tennis tournament → Chess Tournament	298 participants	-
Organized by Gymkhana Committee	→ Table Tennis tournament → Chess Tournament	Teaching and non- teaching staff	-
Organized by Gymkhana Committee	→ Box Cricket Tournament s	16 teams participated.	6 th December, 2023 for the Degree College & 9 th December, 2023 for the Junior College
Organized by Gymkhana Committee	→ Football and Tug of war Tournament s	12 and 24 teams had participated respectively.	--
Organized by Gymkhana Committee	Annual Day		21 st December 2023
Organized by Gymkhana Committee	the Gymkhana Prize Distribution Ceremony	The Chief Guests for the ceremony were Mr. Satish V. Jadhav (National Renowned Cyclist) & Mr. Pravinkumar Kulthe (Maharashtra Renowned Cyclist).	3 rd February, 2024.

Women Development Cell – TWO Major event conducted under women development cell.

1. Women Development Cell of B. N. Bandodkar college of Science (Autonomous) had arranged a lecture by a renowned lawyer on Criminal Law at Patanjali auditorium on November 09, 2023.
2. The Women Development Cell of B. N. Bandodkar College of Science held a workshop on “Being Superwoman” for teaching and non-teaching staff on International Women’s Day.
 - Around fifty staff participated, with team leader Mrs. Mrunal Patgaonkar conducting the workshop.
 - The goal was to empower working female professionals to balance work and family life.
 - MIRAE asset management leader delivered a talk on investment and asset management.
 - The workshop was attended by I/C Principal Dr. Vinda Manjarmkar, library staffs, NSS program officers, and other teaching and non-teaching staff.
 - The program concluded with a cake cutting party organized by Dr. V.M Jamdhade, Mr. Bhalchandra Mandlekar, and Mr. Sudhir Bhosale.

Yoga Committee – Four Major Events/program/Lecture

1. The Yoga committee provides yoga training free of cost to the students and staff of this college (and other institutes of Vidya Prasarak Mandal) in collaboration with Shri Nikam Guruji’s Shri Ambika Yog Kutir, Thane.
2. International Yoga Day on 21st June 2023 in collaboration with Ambika Yog Kutir, Thane. All together 160 participants attended this session. 04 yog teachers from the kutir guided the participant during the session.
3. Shri. Ramachandra Surveji, Secretary of Shri Ambika Yog Kutir, Thane, and yoga teachers from Kutir have collaborated to teach a 3-month certificate course for FYJC Students of B.N. Bandodkar College from September 25th to December 12th, 2023. The course, lasting 8-10 days, involved 480 students and will award certificates to successful completion.
4. A Neti workshop will be conducted in April 2024 for FYJC students under the guidance Mrs. S.D. Pimpre & Dr. (Mrs.) D.D.Ladhe.

The Unfair Means Committee

The Unfair Means Committee is responsible for maintaining the integrity and fairness of university examinations. During the 2023-2024 academic year, the committee received numerous reports of academic misconduct, including unauthorized aid and collusion. The committee conducted investigations, ensuring fairness and impartiality. The findings revealed instances of unauthorized aid and collusion. The committee took appropriate actions, including issuing warnings, imposing penalties, providing guidance, and implementing stricter proctoring measures. The committee recommends strengthening educational initiatives, improving monitoring measures, and reviewing university policies to ensure clarity and effectiveness in enforcement. By implementing these recommendations, the university can uphold its commitment to excellence and integrity in education.

Departmental Programs – One Hundred and Ten Departmental activities/ programs/ lecture

Zoology				
Sr. no	Date/ Day	Collaborator/ Collaboration	Name of the Program	No of beneficiaries
1)	13/07/2023 Thursday	NSS, NCC and IQAC	World population day	83
2)	25/07/2023 Tuesday	Nil	NEP week celebration	56
3)	26/07/2023 Wednesday	IQAC, Biodiversity and EVS	International Mangroves day	66
4)	13/07/2023 Thursday	Nil	Debate on IVF & Surrogacy	31
5)	10/07/2023 Monday	Nil	Debate on Insects impact on life	38
6)	31/07/2023 Monday	Nil	International tiger day	45
7)	22/07/2023 Saturday	Nil	BOS meeting	10
8)	12/08/2023 Saturday	Nil	International Youth Day & International Elephant Day	48
9)	17/08/2023	Nil	Peer to peer learning session	29
10)	26/08/2023 Saturday	Paryaavaran dakshta mandal and Biodiversity	Memorial lecture	28

11)	29/08/2023 Tuesday 31/08/2023 Thursday	Nil	Orientation lectures	41
12)	05/09/2023 Tuesday	Nil	Teacher's day activity- Peer to peer learning	30
13)	04/11/2023 Saturday	All departments	Green force nature club	47
14)	19/10/2023 Thursday	Nil	Polytechnic students visit	33
15)	27/07/2023 Thursday	Human science and Biochemistry	Research paper writing- webinar	81
16)	25/07/2023 Tuesday	IQAC, Biodiversity and EVS	Poster competition of Mangroves	19
17)	04/11/2023	Nil	Green force nature club	47
18)	09/12/23	Nil	Parents meeting of TYBSc	18
19)	14/12/2023	Human Science	International Monkey Day	72

20)	20/01/2024	Nil	Penguin Awareness	46
21)	13/02/2024 & 04/03/2024	Nil	Peer to peer learning (2 sessions)	37 29
22)	15/02/2024 & 16/02/2024	Nil	Zoomagica- Zoology fest	72
23)	17/02/2024	Human science and Clinical psychology	Colloquium lecture- Mental health	85
24)	11/03/2024	Nil	Parents meeting of FYBSc	47

Human Science and Clinical Psychology

Sr. no	Date/ Day	Collaborator/ Collaboration	Name of the Program	No of beneficiaries
25)	24 th July 2023	Nil	NEP week celebration inaugural lecture.	40
26)	27 th July 2023	Zoology & Biochemistry	Mastering the Art of writing the research paper – A step by step guide.	81
27)	17 th August 2023	Nil	Unveiling the secrets of handwriting – An introduction to graphology.	55
28)	29 th august,	Nil	Onam Celebration	50
29)	6 th September 2023	Nil	Freshers Day	50
30)	15 th September 2023	Nil	Biodiversity visit – Matheran hill station.	38
31)	26 th September 2023	Nil	Industrial Visit – Krishna Jal- Ameya enterprises	22

32)	27 th September 2023	Nil	Special School Visit – Dharmavir Anand Dighe Jidd Shalav	27
33)	6 th October 2023	Nil	Biodiversity visit – Butterfly Garden.	20
34)	30 th October 2023	Nil	Manashakti- Mind gym	14
35)	4 th November 2023	Nil	SOHAM club inauguration	50
36)	14 th December 2023.	Nil	International Monkey Day	64
a)	12 December 2023		Students attended Lecture on Anthropology & Archeology organized by Institute for oriental Study, Thane.	29
37)	17 th January 2024	Zoology	Excursion to Arnala	22
38)	25 th January 2024	Nil	Archeological visit – Chatrapati Shivaji Maharaj Vastu Sangrahalay	14
a)	January to March		4 credit certificate course on Counseling skills for Semester IV	07
39)	5 th & 7 th February 2024	Nil	Meraki fest	170
40)	9 th November 2023 & 10 February 2024,	Nil	PTA meetings	
41)	12 th February 2024	Nil	Media literacy,	22
42)	12 th & 13 th February 2024	Nil	Rorschach Inkblot Test,	14
43)	17 th February 2024	Zoology, Information Technology, Computer Science.	Late Dr. V.N.Bedekar, memorial colloquium lecture on- “ Workshop on mental well-being & behavioral Science.	76
44)	22 nd February 2024.	Nil	Thane Regional Hospital visit	17
45)	25 th February – 29 th February	Nil	Excursion to Jaipur- Bharatpur.	41

	2024			
46)	4 th March 2024	Nil	Farewell for T.Y.B.Sc	50
Botany				
Sr. no	Date/Day	Collaborator/ Collaboration	Name of the Program	No of beneficiaries
47)	13 October 2023	Nil	Parent-Teacher Meeting	09
48)	15 January 2024	Nil	Movie show titled –‘12th Fail’	68
49)	15 January /2024	Nil	Makar Sankranti celebration	68
50)	03 February 2024	Nil	Visit to Mumbai Flower Show 2024	27
51)	14 February 2024	Nil	Visit to VPM’s, BNB College campus, Thane	22
52)	27 February 2024	Nil	Palvi Fest	104
53)	28 February 2024	TMC	National Science day	66
54)	02 March 2024	Nil	Visit to Rajiv Gandhi Nature Park, Pune	107
55)	20 th March 2024	Nil	farewell function	20
56)	13 th February – 15 th April	Nil	Certificate Course on ‘Mocktails from Nature’s Basket’	79
57)	4 th November 2023	Nil	Curiosity Club Inauguration Srishti Club Inauguration	106
Department of Biochemistry				
Sr. no	Date/Day	Collaborator/ Collaboration	Name of the Program	No of beneficiaries
58)	28 th January, 4 th , 11 th and 17 th February	Lok Raj Sangathan	A Workshop on “ Understanding the Indian Railways”	21
Department of Biotechnology and Microbiology				
Sr.no.	Programme	Resource person	Date	

59)	a Certificate Course titled 'Techniques in Molecular Biology (Level-1)'	Dr. Jayashree Pawar, Ms. Purvi Shah and Dr. Ashwini Tilak	15 th to 21 st June 2023.
60)	Dr. V. N. Bedekar Colloquium lecture on 'Antifungal drug resistance'	Dr. SriKripa Chandrasekaran	7 th July 2023
61)	An awareness lecture about wise use of social media	Ms. Prerana Mahajan, Counseling Psychologist and Forensic expert	19 th August 2023
62)	departmental journal and movie club	By students	16 th and 19 th August 2023
63)	a career guidance session	Dr. Jayashree Pawar, co-ordinator, Biotechnology.	16 th August 2023
64)	Competitive Exam Guidance Session	Mr. Akshay Rathod, Alumnus of Biotechnology department, now pursuing M.Sc. at BHU.	7 th July 2023
65)	GAT B Paper solving sessions	Alumnus Ms. Saeed Joshi, . currently pursuing masters in Medical Biochemistry in M.S.University, Baroda.	26 th August 2023
66)	Guest lecture titled 'Career opportunities in Biological sciences and allied fields	Dr. Sushant Parab, Postdoctoral research fellow, Department of Oncology, University of Torino, Italy.	30 th November 2023.
67)	Career guidance session	Mr. Subhash Khatri, an alumnus of the department and currently a PhD Scholar working at Tata Institute of Fundamental Research	11 th December 2023
68)	Session on Motivating the students for undertaking research in elite research institutes.	Dr. Aditya Chhatre, working in Max Planck Institute of molecular cell biology and genetics, Dresden, Germany	29 th January 2024.
69)	Preparatory session for 22 nd Microolympiad Preparatory session	Dr. Kalpita Mulye, Dr. Jayashree Pawar and Ms. Purvi Shah.	8 th February 2024
70)	Active-learning promoted in the NEP, an activity involving 'poster-making in cell cycle'	Ms. Purvi Shah	25 th August 2023
71)	'Rubik Cube activity on Genetic code'	Ms. Purvi Shah	16 th August 2023

72)	'Model making activity for Immunological receptors'	Dr. Kalpita Mulye	12 th and 14 th Aug 2023
73)	Parent-teachers meeting.	----	19 th August 2023.
74)	Guest lecture on career opportunities and scope for Biotech-Micro students in the drug discovery and pharmaceuticals industry.	Dr. Meghana Joshi, Program Director for Biocon-KGI certificate program in Biosciences based at KGI, California, USA	12 th march 2024

Department of Chemistry

75)	Chemistry club was inaugurated – “Careers in Chemistry”	Dr. Ajit Bhumkar and Dr. Pralhad Wagh	24 June 2023
76)	“Safety in the Chemical Laboratory”	Prof. Dr. Anita Goswami-Giri and Dr. Sandeep Kahandal	26, June 2023
77)	Parent-Teacher meeting	—	14 October 2023
78)	Job Fair/ Counselling session	Mr. Deepak Deshmukh, HR Executive, Chemtek Scientific Pvt. Ltd. Thane (Mumbai)	06 February 2024
79)	Movie club activity	movie was prepared on <i>IUPAC nomenclature and fun</i> by F.Y.B.Sc students.	4 November 2023 and 05 November 2023
80)	Activity	Chemistry before the birth of universe	4 & 5 March 2024.

Department of Environmental Science (EVS)

and

Department of Biodiversity Wildlife Conservation and Management (BWCM)

Sr. No.	Date	Name of the Activity	Guest Speaker
81)	25/7/2023	Poster competition on International Day for Conservation of Mangroves (in collaboration with IQAC, Mangrove foundation and Forest Department of Maharashtra)	Mr. Sushant Sunil More, Project Associate, Forest Department

			Mr. Laves Korgutkar, Livelihood Specialist, Mangrove Foundation
82)	26/7/2023	Guest Lectures on account of International Day for Conservation of Mangroves (in collaboration with IQAC, Mangrove foundation and Forest Department of Maharashtra)	Dr. Suchandra Datta, Mr. Nikit Surve, Mr. Harshad Dhage, Mr. Dharmesh Barai, Mr. Pradip Patade
83)	17/3/2023	Lecture on Career Guidance “Opportunities and Scope in NEBOSH and IOSH”	Dr. Kamran Abbas Mirza Asst. Prof., G.M. Momin Women’s College, Bhiwandi
Alumni Lectures by EVS and BWCM: Interactions with meritorious alumni enabled our students to undertake field research as an exciting venture.			
84)	9/9/2023	Demonstration lecture “Introduction to iNaturalist”	Ms. Samiksha Chavan (2022-23 batch, BWCM)
85)	16/9/2023	Lecture on “In the world of butterflies” and Butterfly walk at VPM campus	Ms. Mrunali Raut (2022-23 batch, BWCM)
86)	16/2/2023	A peek into the World of Beetles	Mr. Omkar Damle (2022-23 batch, BWCM)
Nature club by EVS and BWCM:			
87)	20/2/2024	Resin Art Workshop	No. of student participation 65

88)	9/3/2024 to 16/03/2024	Quiz Competition on “World Wildlife Day”	No. of student participation 35	
Department of Information Technology and Computer Science				
89)	S.Y.B.Sc.(Information Technology & Computer Science) and T.Y.B.Sc. (Information Technology & Computer Science).	Collaboration with Quick Heal Foundation under the scheme of ‘Earn and Learn’		
90)	Students and Faculties attended	Quick Heal Foundation organized ‘Cyber Shiksha for Cyber Suraksha Awards 2024’ at Pune on 10 th February 2024.		
90 A)	Workshop towards National Conference FUTECH2024 on Jan 6, 2024			
90 B)	Techtalk on Data Science (IT Club activity) on Jan 8, 2024			
Department of Mathematics				
91)	‘Inspirational talk by Alumni’	Department of Mathematics and Department of Physics jointly organized	Ms. Riddhi Kumavat (Mathematics Department Alumni), Mr. Yuvraj Wankhede (Physics Department Alumni), Mr. Pratik Ovhal (Physics Department)	August 28, 2023
92)	Poster making competition was organized by Mathematics club “Siddhanata” on the occasion of National Mathematics Day	Theme of the competition was Indian Mathematicians	Mrs. Anushree Tambe from K. J. Somaiya college of Engineering was invited as a Judge for the competition.	20 December 2023
93)	Guidance Session on ‘What After B.Sc. Mathematics?’		Mrs. Anushree Tambe, Assistant professor, Department of Mathematics from K. J. Somaiya college of Engineering	December 2023
Mathlete Fest				
94)	Organized Games, quizzes and experiments, Rangoli competition, skit etc	Mathematics club “Siddhant” TYBSc mathematics students	February 13, 2024	

Department of Physics			
95)	Inspirational talk	Ms. Pooja Dethe, an alumna pursuing her Ph.D in the USA.	August 2 nd , 2023
96)	Introduced students to the NEP-2020 policy	Dr. Sangita Meshram	August 2 nd , 2023
97)	physical and magnetic properties of rocks and meteoroids.	Mr. H. B. Mali and Mr. J. D. Jadhav	December 9 th , 2023
98)	Organized a 3-day Science Teacher Training Workshop.	The department, in collaboration with the Bombay Association for Teacher Education [BASE]	December 14 th to 16 th , 2023,
99)	LASER and Intellectual Property Rights	Mr. Parth Panchal	January 3 rd , 2024
Photon Club under the department of Physics			
100)	Chandrayaan-3 and Aditya L-1	students were treated to live lectures on space missions	August 19 th , 2023
101)	Paradoxia Physics Fest	showcased student talents and deepened their understanding of physics concepts through various competitions and events.	February 26 th , 2024
102)	Adani Dahanu thermal power station	Student gained practical insights into the application of physics principles in real-world settings and the workings of the power station.	February 29 th , 2024
Department of Statistics			
Sr. no.	Event/Program	No of beneficiaries	Date
103)	National Statistics Day Collaboration with S.K. Somaiya & NSSO	14	26/06/2023
104)	Understanding of High Dimensional Data and Dealing with unusual Statistical Models	77	02/09/2023
105)	T.Y.B.Sc. Parents Teacher Meeting	12	05/08/2023
106)	Teachers day celebration	55	05/09/2023

107)	S.Y.B.Sc. Parents Teacher Meeting	10	05/08/2023
108)	Research Project Presentation	70	04/11/2023
109)	Statistics Department Annual Fest 2023-24 (Intercollegiate Stats fest – INFERENTIA)	143 students on day 1 129 students on day 2	15/02/2024 & 16/02/2022
110)	Prize Distribution Ceremony	129	16 th February, 2024

Individual Teacher Activity – Sixteen teachers participated/attended the activity/program.

Sr.No.	Department	Name of the faculty	Activity
1.	Zoology	I/C Prin. Dr. Prof.Vinda Manjramkar	→ NEP week celebration → IKS by Prof. Mahadevan By University of Mumbai (Kalina)
2.	Chemistry	Dr. Anita Goswami-Giri:	→ Delivered a talk on Research Methodology on 12/10/2024 in a workshop held at Vande Mataram College Dombiwali. → Attended train-the-trainer FDP programs of RUSA. → Being a Nodal officer attended several NEP-related Workshops. → Prepared Credit framework for Bhandarkar College of Science (Autonomous) for UG and PG. → Also acted as Avishkar host Coordinator and organized the University zonal 18 th Avishkar Intercollegiate Research Convention on December 5, 2023. → BOS member biophysics, Governing body member, and subject expert for CAS interview panel of University Mumbai
3.	Chemistry	Dr. Ajit Bhumkar	Acts as a Mentor co-ordinator
4.	Chemistry	Dr. Pralhad Wagh	Acts as a Cultural Coordinator.
5.	Chemistry	Dr. Sandeep Kahandal	→ recognized as a Research Guide from the University of Mumbai → Completed Refresher course in Chemistry, conducted by Teaching

			<p>Learning Centre Ramanujan College, University of Delhi.</p> <p>→ Participated in NEP 2020 orientation and sensitization program conducted by MM-TTP, UGC, Sri GuruTegh B Khalsa College, University of Delhi, 9th -18 th Jan 2024.</p>
6.	Chemistry	Dr. Rohini Mandhare	<p>→ completed an online two-week Refresher Course in Chemistry with an A grade from 15-29 December 2023 organized by Teaching Learning Centre Ramanujan College, University of Delhi.</p> <p>→ completed a Six-day online Faculty Development Programme titled 'Recent Advancement in Smart Materials for Sustainable Energy Applications' organized by the Centre for Nanoscience and Nanotechnology International Research Centre from 20th November to 25th November 2023.</p>
7.	BWCM	Mr. Aditya Mhatre	<p>→ Completed one-week FDP on "Techniques in Molecular Biology" conducted jointly by Somaiya Vidyavihar University, PMMMNMTT, GAD-TLC and GeNeI, at Department of Life Science, S. K. Somaiya College, Mumbai.</p>
8.	EVS	Ms. Asba Ansari	<p>→ Completed online Two – Week Inter-disciplinary Refresher Course in "ENVIRONMENTAL SCIENCE" from 29th August – 12th September, 2023 with Grade A+ organized by Teaching Learning Centre Ramanujan College, University of Delhi (Accredited Grade 'A++' by NAAC) In Collaboration with Raghunath Girls' Post Graduate College, Meerut (Affiliated to Chaudhary Charan Singh University, Uttar Pradesh) under the aegis of Ministry of Education, PMMMNMTT</p>
9.	BWCM	Ms. Simeen Rumani	<p>→ Cleared MAH-B.Ed CET Exam in 2023, University of Mumbai</p> <p>→ Completed one week Faculty</p>

			<p>Development Teaching Training Program at Nehru Science Centre, Mumbai from 19th June 2023 to 24th June, 2024.</p> <p>→ Completed course on Genomics and Proteomics at IIT Bombay.</p> <p>→ Attended two days workshops on “SEED” at Sophia College, Mumbai</p>
10.		Mrs. Surabhi Walavalkar Thosar	<p>→ Completed Short Term Training Program on Indian Knowledge System at Nagpur, Maharashtra from 31st July 2023 to 5th August 2023 with grade A+ organized by University Grant Commission – Human Resource Development Centre, Rashtrasant Tukdoji Maharaj Nagpur University in Collaboration with Indian Knowledge System Division, Ministry of Education and Government of India.</p> <p>→ Completed a five Day online QGIS training course – QGIS Essentials by Research crat from 5th February to 9th February 2024</p>
11.	Botany	Dr. Urmila C. Kumavat	→ ‘Transforming higher education Institution into new world of quality education via National Nation Education Policy at Satish Pradhan College
12.	Human Science	Ms. Supriya Damle	→ FDP, Ethics and values in higher education in Dr. BMN College of Home Science on 24 th to 26 th August 2023.
13.	Human Science	Ms. Alphy Hari	→ One day workshop on Relationship management skills in VPM’s K.G. Joshi College of Arts and Commerce, Thane on 2 nd September 2023.
14.	Clinical Psychology	Mrs. Jui Pimple	<p>→ One day workshop on Relationship management skills in VPM’s K.G. Joshi College of Arts and Commerce, Thane on 2nd September 2023.</p> <p>→ Suicide Prevention- empowering students and professional by Maharashtra institute of mental health on 9th September 2023.</p> <p>→ Invited as speaker for Suicide Prevention talk organized by NSS-B.N.Bandodkar college</p>
15.	Physics	Mr. Vaibhav Wagh	→ 3 day program by MSFDA and IUCA
16.	Physics	Mr. Sanket Phad	→ 3 day program by MSFDA and IUCA

Alumni – Five Lecture/Program/activity conducted by Alumnus.

Anubandh Alumni Association plays a vital role in the overall growth and progress of college. Alumni with expertise in various fields are invited to give guest lectures, workshops, seminars and career guidance and hence enrich the academic experience of current students.

Event/Program Name	Collaboration with	Resource person	Date
Guidance session on “Career in Pharma Sales and Marketing”	Department of Chemistry	Ms. Pooja Chavla, Managing Director, Apios Life Sciences Pvt. Ltd.	26/08/2023
Career Guidance Session on ‘What after B.Sc. Mathematics?’	-----	Mrs Anushri Tambe, our esteemed alumnus and currently working as Asst Professor, Department of Mathematics, K.J. Somaiya College of Engineering	20/12/2023
Session on “Career Opportunities in Government Sectors”	Department of Statistics	Mr. Vedprakash Singh, working as Statistical Investigator, Grade - 2 officer, DCO, Maharashtra under Ministry of Home affairs.	27/01/2024
Digital Transformation and Fintech	-	Mr. Sandeep Phanasgaonkar, Founder and Chief Consultant of "agileitvantages", a CIO Advisory and Digital Transformation Firm.	22/02/2024
Inspirational talk by Alumni	Department of Mathematics and Physics.	Ms. Riddhi Kumavat (Mathematics Department Alumni), Mr. Yuvraj Wankhede (Physics Department Alumni), Mr. Pratik Ovhal (Physics Department) was invited as an outstanding alumni	August 28, 2023

		of Mathematics and Physics department.	
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Bridge course – Three Department conducted Bridge course to assist the students for better understanding of the respective field/subject.

- **Department of Biotechnology and Microbiology**, conducted a Mathematics bridge course during February-March 2024 for those students who had not taken the subject of mathematics in their junior college. The aim of the course was to help these students understand mathematical concepts essential for smooth learning of mathematical and statistical applications in biotechnology.
- **Department of Botany**, organized bridge course sessions to provide undergraduate students with laboratory experience, covering topics such as parts of a compound microscope, sectioning, and staining techniques.
- **Department of Statistics** has conducted Bridge lecture for S.Y.B.Sc and T.Y.B.Sc students on Descriptive Statistics and Statistical methods concepts, so that they can easily cope-up with the regular studies and current syllabus.

Workshop

- 5-day workshop conducted on the “ Systematic Enquiry of Research” conducted from 2 August to 7 August 2023 where literature review, resources of research, project writing, poster and PPT preparation, and presentation writing bibliography topics are covered.
- Workshop towards National Conference FUTECH2024 was organized by Department of IT-CS on Saturday, January 06, 2024

Placement Cell Activities

- VPM B.N. Bandodkar College students of T.Y.B.Sc and M.Sc visited the "**Namo Maha Rojgar Melava for Youth**" on **6 and 7 march 2024**. This event, held at Namod Modella Mill Compound, Wagle Estate, Check Naka, Thane West, serves as a unique platform aiming to gather an estimated footfall of 50,000 enthusiastic young individuals over two days. Its goal is to bridge the gap between employers and job seekers while providing a platform for local innovators to showcase their creations. One student from IT department also got placed as junior Dot Net developer at "Watch your Health"
- One **Job Fair** was arranged in collaboration with Chemtek Scientific pvt. Ltd. for chemistry student around 150 has attended
- One student from IT Department completed internship as a developer from Corbin Technology Solutions
- One student from statistics department has completed 6 month internship as a Data Analyst from Nielson IQ
- Six MSc Data Science students got shortlisted for Data Analyst position at IIQVIA, final interview round will be scheduled soon.

Internships by Students – Thirty-Seven students completed their internships in various organizations.

Sr.no.	Name	Department	Internship place	Internship dates
1.	Manasi	Clinical	Shaping Therapies,	29th January 2024-

	Raghuram	Psychology	Thane	29th March 2024
7.	Anju Kashyap	Clinical Psychology	KEM Hospital, Parel	29th January 2024- 29th March 2024
8.	Shraddha Yadav	Clinical Psychology	Shivaji Hospital, Kalwa	29th January 2024- 29th March 2024
9.	Ankush Avhad	Clinical Psychology	Shivaji Hospital, Kalwa	29th January 2024- 29th March 2024
10.	Fatima Syed	Clinical Psychology	Shivaji Hospital, Kalwa	29th January 2024- 29th March 2024
11.	Urja Bhatia	Clinical Psychology	Shivaji Hospital, Kalwa	29th January 2024- 29th March 2024
12.	Priyanka Thakur Vira	Clinical Psychology	Shivaji Hospital, Kalwa	29th January 2024- 29th March 2024
13.	Siddhant Pradhan	Clinical Psychology	a. Mahavir Jain Hospital, Thane b. Shivaji Hospital, Kalwa	2nd January- 31st January 2024 1st February- 29 th February 2024
14.	Fatima Chowdhry	Clinical Psychology	a. Mahavir Jain Hospital, Thane b. Shivaji Hospital, Kalwa	2nd January- 31st January 2024 1st February- 29 th February 2024
15.	Amita Chauhan	Clinical Psychology	a. Mahavir Jain Hospital, Thane b. Shivaji Hospital, Kalwa	2nd January- 31st January 2024 1st February- 29 th February 2024
16.	Sakshi Kuril	Clinical Psychology	a. Mahavir Jain Hospital, Thane b. Shivaji Hospital, Kalwa	2nd January- 31st January 2024 1st February- 29 th February 2024
17.	Samrudhi Koli	Clinical Psychology	a. Mahavir Jain Hospital, Thane b. Shivaji Hospital, Kalwa	2nd January- 31st January 2024 1st February- 29 th February 2024
18.	Ayman Ansari	Clinical Psychology	a. Mahavir Jain Hospital, Thane b. Shivaji Hospital, Kalwa	2nd January- 31st January 2024 1st February- 29 th February 2024
19.	Devangi Kale	Clinical Psychology	a. Mahavir Jain Hospital, Thane b. Shivaji Hospital, Kalwa	2nd January- 31st January 2024 1st February- 29 th February 2024
20.	Sakshi M. Mishra	Biochemistry	Airoli Sector4 - Surya Diagnostic centre.	1 st November 2023
21.	Aastha S. Yadav	Biochemistry	Manpada (Thane) APX Laboratory	3 rd November 2023
22.	Amruta Bapu Sawant	Biochemistry	Rabodi (Thane)- Unique clinical laboratory	01 November 2023
23.	Avinash K.	Biochemistry	Thane-H S Pathology	07 November 2023

	Rupanvar			
24.	Prachi S. Vishwakarma	Biochemistry	Thane West- Dr. Vaidya Lab	04 November 2023
25.	Aditya S. Jadhav	Biochemistry	Mulund -Devidayal Road-Raj Hospital.	15- November 2023
26.	Melvin I. Nadar	Biochemistry	Rabodi (Thane)- Unique clinical laboratory	01 November 2023
27.	Rushikesh A. Housalmal	Biochemistry	Manpada (Thane) APX Laboratory	03 November 2023
28.	Ankita S. Sharma	Biochemistry	Rabodi (West)- Unique clinical laboratory	01 November 2023
29.	Aashna K. Shaikh	Biochemistry	Uthalsar (Thane)- Neon Diagnostic Centre	08 November 2023
30.	Mansi Salvi	Human Science	Unplug organisation	26 th September 2023 to January 2024
31.	Samriddhi Jadhav	Human Science	Unplug organisation	26 th September 2023 to 31 st December 2023
32.	Chetna Sharma	Biochemistry	Jupiter hospital	27 Oct 2022 – 7 Nov 2022
33.	Shravani Chipade	Biochemistry	CRITICARE HOSPITAL	15 th may – 31 st may
34.	Bhumika Korpe	Biochemistry	Jupiter hospital	27 th oct2022-7 Nov 2022
35.	Saneelah Vasaikar	Biochemistry	Jupiter hospital	27 th October 2022- 7 th Nov 2022 November 2022
36.	Komal Kamble	Biochemistry	Jupiter hospital	27 th October 2022- 7November 2022
37.	Gayatri Pramod S ahu	Biochemistry	CRITICARE HOSPITAL,AIROLI	15 th May 2023-30 th May 2023

Research Projects by students – Fifteen students of M.Sc. Programme completed their research projects/ internships in various organizations and on various topics of study as follows:

Sr.no.	Name	Department	Project title
1.	Siddhant Pradhan	Clinical Psychology (M.Sc. Part II)	Relationship between Self Concept, Resilience and Optimism among College Students
2.	Fatima Chowdhry	Clinical Psychology (M.Sc. Part II)	Effect of yoga on stress and anxiety among adults.
3.	Amita Chauhan	Clinical Psychology (M.Sc. Part II)	Assessment of positive affect and negative affect among adults learning music and non-learning music
4.	Sakshi Kuril	Clinical Psychology (M.Sc. Part II)	A Comparative Study of Exam Anxiety among students of Engineering and BSc IT
5.	Samrudhi Koli	Clinical Psychology (M.Sc. Part II)	Correlation of family environment and study habit among junior college students
6.	Ayman Ansari	Clinical Psychology (M.Sc. Part II)	Comparative study of self-esteem and life satisfaction among working & non-working women.
7.	Devangi Kale	Clinical Psychology (M.Sc. Part II)	A Comparative Study of Emotional Intelligence and Meaning in Life Among Social Workers And Non Social Workers.
8.	Tiwari Pratham	M.Sc. I BWCM	Bio indicator: Nature's Silent Reporter of Environmental Pollution and Ecosystem Health
9.	Bane Nimisha	M.Sc. I BWCM	
10.	Chavan Shambhavi	M.Sc. I BWCM	Dragon Fruit Delight: The Power of β -Amylase
11.	Dhadve Chaitanya	M.Sc. II EVS	
12.	Tiwari Sneha Kripashankar	M.Sc. II EVS	Heavy Metal Detox: Harnessing the power of fruit peel waste for a sustainable future
13.	Kumavat Pooja Babulal	M.Sc. I EVS	
14.	Shaikh Namra Saad	M.Sc. I EVS	Agro-Waste Phytoremediation: Nature's Solution to Heavy Metal
15.	Pandey Nandini Ravishankar	M.Sc. I EVS	

Certificate courses offered by the college – Thirty-Five Course

No	New Course	Department	Hours	Credits
1	Postgraduate Diploma Course in Clinical Studies, Data Management and Medical Writing	College	1 Year	24
2	IPR for Beginners	Chemistry	30	2

3	Forensic Science	Biochemistry	30	2
4	Introduction to Ornithology	Human Science	30	2
5	Fish dishes	Zoology	30	2
6	Calligraphy	Microbiology	30	2
7	Artificial Neural Networks	IT and CS	30	2
8	Banking Insurance and Cyber Frauds	Alumni/ Inter Disciplinary	30	2
9	Basic English Learning	Interdisciplinary	30	2
10	Basics of C++	Physics	45	3
11	Big Data Analysis	IT and CS	30	2
12	Next Generation Databases	IT and CS	30	2
13	Artificial Intelligence	IT and CS	30	2
14	Virtualization	IT and CS	30	2
15	Machine Learning	IT and CS	30	2
16	Economics for Beginners: The Basics	Inter Disciplinary	32	2
17	The Beginners Introduction to Principles of Marketing	Inter Disciplinary	60	4
18	Certificate Course in Creative Writing	Inter Disciplinary	30	2
19	Mocktails from Nature's Basket	Botany	30	2
20	Basic Course in Law for students of Faculty of Science	College	30	2
21	The Central Public Administrative System	FC	30	2
22	SPSS Basic Level I	Statistics	30	2
23	Techniques in Molecular Biology (Level-I)	Biotechnology & Microbiology	45	3
24	Techniques in Molecular Biology (Level -II)		45	3
25	Certificate Course in Computer Skills	IT and CS	60	4
26	Introduction to Astronomy and Astrophysics	Physics	45	3
27	Food Adulteration and Quality Management	Biochemistry	38	3
28	Research Scholar Programme	Botany	160	8
29	Solid Waste Management	Ev.S.	30	2
30	Fruit Preserves and Beverages: A Skill Development Course	Botany	60	4

31	Basics of R Software	Statistics	45	3
32	Python Level I	IT and CS	45	3
33	Instrumentation & Preparation of Standard Solutions	Chemistry	45	3
34	Basic Excel	Botany	30	2
35	Management for Beginners	College, ID	45	3

National Seminar

Name	Organized by	Collaboration/ Association	Date/Day	Venue	Sponsored by
‘Legal Protection and Improvement of the Environment: Challenges and the Way Forward’	IQAC of Thane Municipal Council Law College	IQAC through the Department of Environmental Science and Department of Biodiversity Wildlife Conservation and Management of B. N. Bandodkar College of Science (Autonomous) and VPM’s Polytechnic	24th February 2024 Saturday	VPM’s Thorale Bajirao Peshwa Sabhagruha, Thane.	Maharashtra Pollution Control Board.

New Trends established – Seventeen New trends were the stepping-stone of the academic year

1. Avishkar Research Convention has been hosted by B. N. Bandodkar College of Science (Autonomous) with the same aim and objectives on 5th Dec 2023, Zone IV: Thane West (Code 4-21).
2. B. N. Bandodkar College of Science (Autonomous), DLLE hosted UDAAN festival under the University of Mumbai.
3. DLLE has provided the students the opportunities for experiential learning, entrepreneurship, leadership development, and personal growth. For the purpose under the Annapurna Yojana projects students arranged the food stalls on Navratri Utsav, Avishkar Research Convention Programme, UDAAN festival and on other normal days.
4. The chemistry department conducting a **Certificate course** on a second certificate course is introduced for advanced learners on Intellectual property rights: for beginners started in Feb 2024.

5.

Dep

Department of Chemistry, initiated Entrepreneur skill development intuition taken by URJA CLUB. In this activity, T.Y. B.Sc. Chemistry students prepare Idali-sambhar, MOMOs, Zunka Bhakri, steam Corn, Tea etc. sold by students.

6. Dr.
Kusum Gokhale Memorial Lecture was conducted On 26/8/2023, the guest speaker was Dr. Minakshi Gurav Assistant Professor. D.G. Ruparel College, Mahim, Mumbai.
7. Science Square Committee
Celebrated the National Science Day 2024: "Harmony in Science: Blending Tradition and Innovation" on 27-28 February, 2024 Sponsored by GOVERNMENT OF INDIA, MINISTRY OF EARTH SCIENCES
8. Department of Environmental Science (EVS) and Department of Biodiversity Wildlife Conservation and Management (BWCM)
organized an E-waste collection drive in collaboration with Green Club of BNB & Aqsa Stamping, Mumbai on 1/11/2023 to 8/11/2023.
9. Department of Environmental Science (EVS) and Department of Biodiversity Wildlife Conservation and Management (BWCM)
organized Late Dr. V. N. Bedekar Memorial Colloquium lecture on "Mangroves - Distribution, Adaptation, Biodiversity and Importance", the guest speaker was Mr. Hemant V. Karkhanis, Associate Manager Mangrove Dept. Godrej & Boyce Mfg. Co. Ltd.
10. Department of Information Technology and Computer Science
34 Students were selected as Cyber Warriors for 'Cyber Shiksha for Cyber Suraksha' Project. These cyber warriors took sessions of Cyber Security in various Schools and Colleges. Total amount Rs. 2,59,800/- earned by students who participated in this project.
11. First Colloquium lecture on "Understanding of High Dimensional Data and Dealing with unusual Statistical Models" on 02/09/2023, by **Mr. Raj Khandagale, Alumina, M.Sc. from IIT Bombay** has given thoughtful insights about the understanding of high dimensional data and dealing with unusual statistical models and brilliant career guidance in this respective domain and talked about the challenges and given glimpse of his journey in his domain.
12. Colloquium lecture on "Industrial Application of Statistical Process Control" conducted on 06/01/2024 by Dr. Shilpa N Khare, Assistant Professor, Maharshi Dayanand college of Arts Science and Commerce, Parel has given thoughtful insights about the Industrial Application of Statistical Process Control and also given career guidance in respective domain and talked scope in the industries
13. NSS CAMP was successfully held from 27th January 2024 to 2nd February 2024 at Shantivan Ashram, Panvel under the guidance of Ms. Sayali Daptardar, Mrs. Umalaxmi Patne, and Ms. Priyanka Chavan.

14. “Youth Engagement and Stewardship for water conservation” program in the state for the period of three years 2023-2025 by forming Green Club at Colleges.
15. Sankhya Club and Anubandh Alumni Association “Career Opportunities in Government Sectors” conducted on 27/01/2024 by Mr. Vedprakash Singh, Statistical Investigator, Grade -2 officer DCO, Maharashtra under Ministry of Home affairs has given thoughtful insights about the Career Opportunities in Government Sectors and talked scope in the industries.
16. DLLE organized a Personality Development Program in collaboration with Whisper Company.
17. In DLLE, Cake making workshop was conducted in collaboration with Ushadevi Management College in their premises.

Program Under Autonomy

- ☐ Under the NEP's autonomy, SY BSc and MSC Part II syllabi are undergoing a dynamic transformation, including interdisciplinary approaches and emphasising practical skill development in accordance with the changing needs of employment and society.
- ☐ In this process, all the department of VPM's B.N. Bandodkar College of Science are promoting innovation in curriculum design, incorporating emerging fields, and adopting modern pedagogical approaches, thereby empowering students to become versatile and adaptable professionals capable of addressing challenging issues in their particular domains.

Excursion – Thirty three places were visited as part of academics to enhance the practical knowledge of the respective field.

Name of the Department	Visit	Date
B.Sc. Chemistry and M.Sc. Chemistry	Kerala Students visited the Department of Applied Chemistry, Cochin University of Science and Technology, Cochin, Tea Factory, Munnar, and Spice Garden, Munnar. A total of 36 students and 4 teachers participated in the industrial visit.	10 to 16/02/2024
Chemistry	Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research, Mumbai	23 /01/2024

Chemistry	Indian Rubber Manufacture Research Association (IRMRA) Thane	29/02/2024
Biotechnology and Microbiology	Industrial Visit (industries in Pune - Satara belt, including KF Bioplants at Manjri, Nutrigien Agro products, Madhusagar at Mahabaleshwar and Satara) mega food park.	8 to 10/01/2024
Biotechnology and Microbiology	visited the common effluent treatment plant (CETP) facility at Koparkhairane, Navi Mumbai	13/02/2024.
Botany	Sanjay Gandhi National Park - Borivali	15/07/2023
Botany	Agriculture Produce Market Committee Market - Vashi	31/08/2023
Botany	Botanical Garden (Jijamata Udyan, Mumbai)	03/02/2024
Botany	Yashwantrao Chavan Maharashtra Open University	02/11/2023
Botany	Study Tour to VPM's Campus - Thane	05/10/2023
Botany	Rajiv Gandhi Wild Research Centre, Katraj - Pune	02/03/2024
TY. B.Sc. (Biochemistry and Microbiology) M.Sc. EVS and BWCM	One-day visit to Sanjay Gandhi National Park, Borivali	30/9/2023
M.Sc. EVS and BWCM	Visit to Blatter herbarium at St. Xaviers College, Mumbai	13/10/2023
M.Sc. EVS and BWCM	One day visit to Devrai, Titwala. (under MoU)	16/10/2024
M.Sc. BWCM	Excursion to Phansad Wildlife Sanctuary, Murud, Raigad	7/1/2024 to 10/1/2024
M.Sc. EVS	Excursion to Jaipur, Bharatpur Bird Sanctuary, Rajasthan	26/2/2024 to 28/2/2024
M.Sc. EVS and BWCM	Mangrove walk at Godrej Mangroves, Vikhroli, Mumbai	12/3/2024
TY. B.Sc. (Biochemistry and Microbiology) M.Sc. EVS and BWCM	One day visit to Nisargayan, Mammoli, Kalyan- Murbad. (under MoU)	13/3/2024
Students of TY BSc Statistics and FYJC actively participated	Trekking in Matheran	20/01/2024

in this trek.		
Zoology	Sanjay Gandhi National Park	-
Zoology	Archeological visit – Chatrapati Shivaji Maharaj Vastu Sangrahalay	25 th January 2024
Zoology	Tungareshwar wildlife sanctuary	-
Zoology	Arnala	17 th January 2024
Zoology	Jaipur – Rantampur	25 th February – 29 th February 2024
Human Science	Biodiversity visit – Matheran hill station.	15 th September 2023
Human Science	Industrial Visit – Krishna Jal- Ameya enterprises	26 th September 2023
Human Science	Special School Visit – Dharmavir Anand Dighe Jidd Shalav	27 th September 2023
Human Science	Biodiversity visit – Butterfly Garden.	6 th October 2023
Clinical Psychology	Manashakti- Mind gym	30 th October 2023
Human Science	Excursion to Arnala	17 th January 2024
Human Science	Archeological visit – Chatrapati Shivaji Maharaj Vastu Sangrahalay	25 th January 2024
Human Science	Thane Regional Hospital visit	22 nd February 2024.
Human Science	Excursion to Jaipur- Bharatpur.	25 th February – 29 th February 2024

Convocation

- ❑ VPM B.N. Bhandodkar College of Science held its Convocation ceremony for Batch 2022-23 on April 6th and 8th, 2024. The event marked the completion of students' academic journey and the start of a new chapter in their lives.
- ❑ Students were honoured for their hard work, dedication, and accomplishments, and presented with their degrees.
- ❑ Faculty members and administrators congratulated the graduates and imparted wisdom for their future endeavours.
- ❑ The Convocation ceremony served as a moment of reflection, celebration, and inspiration for the graduating class, allowing them to express gratitude to their mentors, peers, and loved ones.
- ❑ It also strengthened the bond between the college and its alumni, as graduates transitioned from students to esteemed members of the college community.
- ❑ Overall, the Convocation ceremony was a joyous occasion filled with pride, optimism, and anticipation for the bright futures of the graduating class.

Financial Grants Approached

- ❖ PM-USHA RUSA Grant to strengthen college of Rs. 5 Cr.
- ❖ Autonomy-Grants by UGC of Rs. 33 Lakhs
- ❖ UGC Golden Jubilee Grant of Rs. 25 Lakhs
- ❖ Government of India Ministry of Earth Science Grant of Rs. 1 Lakh

Superannuation of staff

- Associate Professor **Dr. Moses Kolet**, Former Principal, Dept. of Botany, retired on 30th November 2023.
- Professor **Dr. Moitrayee Saha**, Former Vice-Principal, Dept. of Botany, retired on 30th June 2023.
- Associate Professor **Dr. Sudesh Rathod**, Dept. of Zoology, retired on 31st October 2023.