YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	VPM's B.N.Bandodkar College of Science (Autonomous), Thane
• Name of the Head of the institution	Prof Dr Vinda Manjramkar
• Designation	I/C Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	02225337672
• Alternate phone No.	9004690471
• Mobile No. (Principal)	9892071298
• Registered e-mail ID (Principal)	prinbnb@vpmthane.org
• Address	Jnanadweep, College Campus, Chendani Bunder Road
• City/Town	Thane
• State/UT	Maharashtra
• Pin Code	400601
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	01/08/2020
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**UGC 2f and 12(B)**
• Name of the IQAC Co-ordinator/Director	**Prof Dr Vinda Manjramkar**
• Phone No.	**02225337672**
• Mobile No:	**9892071298**
• IQAC e-mail ID	**iqacbnb@vpmthane.org**
3.Website address (Web link of the AQAR (Previous Academic Year)	**http://www.vpmthane.org/BNB/Aqar/ AQAR_22-23-R.pdf**
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	**http://www.vpmthane.org/BNB/acade mic_calendar_23-24.pdf**

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	**A**	**3.21**	**2015**	**15/11/2015**	**14/11/2025**
Cycle 2	**A**	**3.04**	**2010**	**28/03/2010**	**15/03/2015**
Cycle 1	**B++**	**81.25**	**2003**	**16/09/2003**	**15/09/2008**

6.Date of Establishment of IQAC	**14/01/2004**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
VPM'S B N BANDODKAR COLLEGE OF SCIENCE THANE	**FIST**	**DST**	**01/01/2013**	**3950000**
VPM'S B N BANDODKAR COLLEGE OF	**STAR**	**DST**	**01/01/2015**	**2900000**

SCIENCE THANE				
VPM'S B N BANDODKAR COLLEGE OF SCIENCE THANE	CPE	UGC	01/01/2017	1020000
VPM'S B N BANDODKAR COLLEGE OF SCIENCE THANE	SOCIAL WELFARE OFFICE	SOCIAL WELFARE OFFICE	01/01/2020	2804802
VPM'S B N BANDODKAR COLLEGE OF SCIENCE THANE	JT DIRECTOR OF HE OFFICE	JT DIRECTOR OF HE OFFICE	01/01/2020	117800
VPM'S B N BANDODKAR COLLEGE OF SCIENCE THANE	OTHERS	OTHERS	01/01/2020	24287
VPM'S B N BANDODKAR COLLEGE OF SCIENCE THANE	BOOK BANK GRANT	UNIVERSITY OF MUMBAI	17/06/2022	73080
VPM'S B N BANDODKAR COLLEGE OF SCIENCE THANE	BOOK BANK GRANT	UNIVERSITY OF MUMBAI	10/05/2024	100800

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	[View File](#)	
9.No. of IQAC meetings held during the year	**10**	
• Were the minutes of IQAC meeting(s) and	**Yes**	

compliance to the decisions taken uploaded on the institutional website?	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded
10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Preparation and submission of AQAR Effective implementation of NEP at level 4.5 and level 6 Organization of millet mela in collaboration with FDA Food Drug Administration, Supporting research related activities in form of Avishkaar guidance session and Poster Presentation Competition on the account of 'International Day for Conservation of Mangrove 2023' in collaboration with Forest Department, Maharashtra Hosting of conference 'Legal Protection and Improvement of the Environment: Challenges and the Way Forward' through the Department of Environmental Science and Department of Biodiversity Wildlife Conservation and Management and VPM's Polytechnic in collaboration with Maharashtra Pollution Control Board

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Preparation of AQAR and submission	AQAR was Prepared and submitted
Studying NEP guidelines and preparing the academic and administrative systems for the implementation of NEP	Effective implementation of NEP at level 4.5 and level 6.0
Encouraging faculty members to participate in NEP related seminars and workshops	Faculty members participated in various NEP related activities
Revising course syllabi as per NEP guidelines	Second year UG and PG program/ course syllabi were reframed and

	got approval
Designing new certificate courses and getting them approved by academic council as per new requirements of NEP	Different certificate courses were designed and got approved to create basket to offer choice to students under NEP
Orienting the students about the National Education Policy and the academic reforms that are going to get implemented as per NEP	Six different NEP awareness sessions were conducted for FYBSc and MSc.-I students
Continue conducting academic, co-curricular and extra-curricular activities for the holistic development of students	Millet mela, Avishkaar guidance session, Poster Presentation Competition on the account of 'International Day for Conservation of Mangrove 2023, Hosting of career guidance sessions by alumni; Total 110 activities got conducted through various departments and committees
Applying for financial Grants for infrastructural enhancement	Applied for funding and financial assistance to PM-USHA RUSA Grant, Autonomy-Grants by UGC , UGC Golden Jubilee Grant, Government of India Ministry of Earth Science
Modifying the institutional systems as per suggestion obtained by ISO audit team	ISO certification has been obtained.
Hosting annual National conference	Hosting of conference 'Legal Protection and Improvement of the Environment: Challenges and the Way Forward' through the Department of Environmental Science and Department of Biodiversity Wildlife Conservation and Management and VPM's Polytechnic

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
CDC	14/01/2025

14.Was the institutional data submitted to AISHE ? | **Yes**

- Year

Year	Date of Submission
2024	14/01/2025

15.Multidisciplinary / interdisciplinary

BNBCS offers programs such as interdisciplinary Science, Human Science, Clinical Psychology , Biodiversity, Wildlife Conservation and Management. The college offeres Certificate courses in management, law, cybersecurity, and public administration, IPR for beginners, calligraphy, forensic science. Aligned with the National Education Policy (NEP), we provide skill-oriented courses like Soft Skills and Personality Development-II, Social Science, Defence Science, Distance and Lifelong Learning Education (DLLE), Yoga for Total Health, cultural activities, physical education, and studies on The Ancient Indian Social Structure (IKS) foster holistic student development. The curriculum for elective, vocational, Indian Knowledge System (IKS), Ability Enhancement Courses (AEC), co-curricular activities and generic subjects is thoughtfully designed to be dynamic, multifaceted, and future-focused. At level 6, module on Research Methodology and OJT/ internship were made compulsory. The college conducted many mutidisciplinary activities. Following are the few highlights of those. 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 were covered. Workshop on National Conference FUTECH2024 was organized by Department of IT-CS on Saturday, January 06, 2024. 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. 'Legal Protection and Improvement of the

Environment: Challenges and the Way Forward'- conference. 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. Guidance session on "Career in Pharma Sales and Marketing" by Ms. Pooja Chavla, Managing Director, Apios Life Sciences Pvt. Ltd., organized by department of chemistry

16.Academic bank of credits (ABC):

College has registered on the National Academic Repository portal successfully. The team including IT and Admin experts studied the process of uploading the Academic results data of students under Autonomy. As per the guidelines of the Department of Higher and Technical Education, the team started working on the ABC-ID data uploading. Mark sheet template has been finalized and approved for uploading of students ABC data on the NAD portal.

17.Skill development:

Under the National Education Policy (NEP), skill enhancement courses are designed to provide a holistic and multidisciplinary education, integrating theoretical knowledge with practical application. Courses such as Horticulture, Gardening, and Floriculture foster environmental consciousness and creativity. Fish Dishes cultivates culinary expertise, while Laboratory Techniques, Physics Measuring Skills, and Basic English enhance scientific and linguistic proficiency. Introduction to Instrumental Techniques and OPAMP, Logic Gates, and Applications offer advanced technological training. Analytical acumen is sharpened through Applications of Differentiability and Infinite Series and Polynomials. Introduction to Programming develops computational thinking, and Advanced Spreadsheet Tools refines data management skills. Additionally, Bird Identification promotes ecological awareness. Bridging the gap between academia, industry, and societal demands, initiatives such as department festivals, industrial and educational visits, excursions, field projects, internships, and research opportunities further enhance learners' competencies and prepare them for real-world challenges.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

For the effective implementation of NEP 2020 from the academic year 2023-2024, several steps were taken by the Principal of the college to make the syllabus more enriching and appealing regarding the

ancient Indian knowledge. The teachers from various faculty attended workshop and seminars regarding the NEP. The NEP syllabus for Indian Knowledge System were made specific for various subjects accordingly. The Indian Knowledge System has incorporated topics from ancient traditional practices which the world admires and have appreciated. The Indian Knowledge System has prepared students to understand the ancient basic concepts related to each specific subject.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

BNBCS has implemented NEP for the first year of BSc and MSc programmes. Based on the Vision and Mission of the institute, programme outcomes are framed. Syllabi are framed for courses with specific course outcomes which were approved by the BoS, academic council and governing body. These programme and course outcomes are communicated with the stakeholders through college websites, induction lectures and parent-teacher meetings. Teaching learning pedagogies adopted were aligned to attain the POs and COs. Attainment of course outcomes are evaluated by direct and indirect methods. Direct methods include internal assessment, practical and theory examinations. The level of attainment is reflected in the grade card on the basis of course credit. Internal assessment is based on class tests, assignments,model making, projects, field visits. Overall CGPI is used to measure the attainment of Programme outcomes. In the academic year 2023-24, IQAC has initiated the process of modification of course outcomes according to Bloom's taxonomy and has planned to measure the POs and COs using a systematic and data-driven approach. Indirect methods include mentor-mentee interaction, feedback from stakeholders, field visit feedback, internships, industrial training outcomes, seminar, group discussions, project evaluation, laboratory assessment, student portfolios and participation in outcome based co-curricular and extra-curricular activities.

20.Distance education/online education:

Since 1999 onwards, the college is offering BLISc, MLISc, and Diploma in Journalism courses in Marathi, all affiliated to Yashwantrao Chavan Maharashtra Open University (YCMOU), Nashik. Expanding its academic scope from 2019, BCA and MCA programs were introduced. In the academic year 2023-2024, a total of 89 students were pursuing various courses at the college. Additionally, since 2010, the college has been providing IT courses through Mumbai University's Institute of Distance and Open Learning (IDOL), ensuring flexible learning opportunities for students.

Extended Profile

1.Programme

1.1	**28**
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1	**1602**
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	View File

2.2	**470**
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3	**1566**
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1	**889**
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	**58**

Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**73**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**655**
4.2 Total number of Classrooms and Seminar halls	**19**
4.3 Total number of computers on campus for academic purposes	**180**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**15,74,113**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

College developed outcome-based curricula of various basic and applied science subjects by incorporating educational content that is relevant, effective and aligning to specific requirements of NEP 2020. These curricula involved POs, PSOs and COs which cover main objective of addressing regional, national and global developmental needs. In year 2023-24, the syllabi of core subjects of SYBSc level were revised by adding topics that induce aptitudefor science, critical thinking and practical skills which students can apply in real-world situations. Under NEP, newly implemented courses of FYBSc such as Open Elective (soft skills and personality development),

Ability Enhancement course (Basic and Scientific English, Communication skills), Indian Knowledge system (Social Structure, Yoga, Ayurveda) broadened the horizon of UG students and equipped them with diverse set of skills. Certain courses based on physical education, cultural activities, community services are equally promoting social responsibility and active citizenship. In PG level, MSc Part II syllabi were upgraded by adding research projects in both semesters while NEP based MSc Part I implemented topics covered Research Methodology, On-job training/Field Project/Internship which address local-global challenges, foster innovation and technology development. Apart from these, formation of active MOUs and Industry tie-ups were established for building necessary human resource.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://vpmthane.org/BNB/Criterion1_23-24.aspx

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

19

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

414

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

17

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

19

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

BNBCS emphasized a holistic education by integrating academics with cross cutting issues to foster overall growth among students. Such

inclusion of scientific and socially relevant topics led to deeper understanding about concepts which in turn develop responsible citizens and future leaders. Almost all UG-PG science programs partly integrate environmental problems, waste management and green-fuel initiatives but two dedicated MSc Programs in Environmental Science and Biodiversity Wildlife Conservation & Management encompass diverse facets of environmental issues-legislation, conservation strategies and sustainable practices.Similarly BSc Human Science and MSc Clinical Psychology involve numerous aspects of human life such asgender sensitization, human psychology and social-ethical-legal conduct. In NEP-FYBSc syllabi mandatory courses of Open Elective extensively covers professional ethics, Indian Knowledge System includes Human values and Community Engagement Courses of NSS/NCC/DLLE orient students for promoting social equality and eco-friendly practices. In NEP-MSc syllabi, research ethics learnt as well as implemented through scientific writings. Additionally motivational lectures, workshops, competition, vaccination drive, Blood donation camp, beach cleaning, e-waste and utility articles collection drives foster integrated approach to learning, bridging the gap between science and other studies like social studies, ethics and economics.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	**No File Uploaded**

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

36

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

299

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

320

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://www.vpmthane.org/BNB/1.4.1.b_ATR_23-24.aspx
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	http://www.vpmthane.org/BNB/1.4.1.b_ATR_23-24.aspx
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1602

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

267

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

BNBCS is a hometown of science knowledge. Teaching faculty from all subjects are putting best efforts using various teaching pedagogies. To implement the appropriate pedagogy, they first identify student's learning capabilities and processes.

There are certain students who are well verse with certain techniques, skills, extra curriculum activities but needs additional support in regular academics. Such students were recognized and according to the need, method of a teaching learning is selected.

Under this teaching learning process, remedial lectures, remedial practicals and extra lectures are organized. Writing skills of these students are improvised by taking continuous practice tests. Teachers are also conducting an open book test which make students to improve their thinking process and construct their own concepts rather than memorising. Parents-teacher meetings are conducted to make the parents aware about student's progress in the academics and overall.

There is another group of students who showcase zeal in the subject. Energy and enthusiasm of these students are skilfully channelized by the teachers to create new ideas. These students are encouraged to participate in Avishkar conducted by the University. Subject knowledge of them is boosted by their active participation in seminars, workshops, research projects/conventions, extension programs, photography activity.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[https://vpmthane.org/BNB/AQAR23-24/1(23_24_1.3.4).pdf]()

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
15/07/2023	1602	58

File Description	Documents
Upload any additional information	[View File]()

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

In BNBCS, teachers are striving to enhance the confidence and learning skills of students by crossing the boundaries of regular teaching methods.

Participative learning method is opted by the teachers to involve students to actively comment, talk, express their opinion on given

topics. For such learning process, teachers organize activities such as seminars, guest lectures, alumni talk. Live streaming of Aditya L1 and Chandrayan followed by discussion is one of the examples. Visits to different industries, ecosystems, market places etc. make students to understand the application of the subject.

Experiential learning upgrades insightful thinking process of the students. For such kind of vibrant study pattern, teachers are running activities like hands-on training in molecular biology, animal handling, Physics Paradoxia carnival, Chemistry Chemtech etc. Teachers are igniting the spark of research in the students. For such process students are motivated to present their work in seminars, conferences, projects, Avishkar-research convention.

Boosting of critical thinking abilities and strengthening of mind were also tackled with the help of mind games. Quiz, games, model making, crossword competition, hacks for paper solving in regular and competitive exams are problem solving teaching activities conducted which enabled students to get innovative solution to the problems.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://vpmthane.org/BNB/1.3.4_23-24.aspx

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Faculty of BNBCS effectively use various tools, methods of Information Communication Technology (ICT) for their graduate and post graduate students in the process of teaching and learning. A wide range of ICT pedagogical means are being used. YouTube videos served as potent medium to deliver information in the form of audio and visuals. Teachers are showing many practicals, hands-on training programs, worldwide biodiversity etc. using YouTube videos. The College has provided an institutional Email ID to the teachers and students through which both can connect. Google meet platform deploy by the teachers to interact with the students. For teachers, the operation of Google classroom for sharing notes, ppts, videos, notices are accustomed. Teachers are making avail the e- content links of national and international level literature to students. Teachers are also using google forms for taking regular class tests. Data of student's progress is timely generated using spread sheets of google forms by the teachers and appropriate steps are taken to

achieve students' progress. Teachers are also employing student friendly social media tool Whats App, Telegram Links to share notes, videos, ppts and notices.

Teachers are taking efforts to teach and reach to the students using these ICT tools.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	http://opac.vpmthane.org:50500/
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

58

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

BNBCS plans the Academic Calendar and activity calendar which includes Terms of college, Semester examination dates, Curricular, Co-curricular and Extracurricular activities. The calendar is uploaded on college website in the month of April for the next academic year. Head, controller of examination and coordinators of committees hold the responsibility to follow the planned activities and ensure the adherence of the calendar at various levels as per the calendar.

Head of the department design departmental time table at the beginning of the academic year as per the academic calendar in consult with all teachers ensuring that there is no overlapping of the activities. Every teacher prepares the teaching plan of the assigned course and the same is delivered. Head of the department take the responsibility for the adherence of planned time table. The

internal evaluation is carried out by the individual department as per directives from examination committee. Controller of examination also ensures that the schedule of all the term end examinations is followed. Co-curricular and extra-curricular activities are mostly conducted as per the schedule, sometimes on the availability of resources and concerned people.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

58

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

18

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

616

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

25

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

49

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Examination compendium is the integral part of Institutional governance and 2023-2024 examinations are conducted as per the directives prescribed in it.

The examination paper pattern of FYBSc includes Objective and Subjective Questions which encourages a short answer question, and long answer questions to test diverse skill like critical thinking and problem-solving. Short and long answers encourage expression,

creativity, and understanding also make exams less stressful by reducing memorization and promoting skills.

Practice of mark settlement meetings with all Heads of Departments (HODs) plays a crucial role in ensuring transparency and fairness in the evaluation process and Promoting Collaborative Decision-Making.

It is designed to review and validate the assessment results, ensures that the evaluation process is open and transparent, free from arbitrary decisions or favouritism and fosters trust among stakeholders.

Using tools like Google Sheets for entering and managing examination marks. Allows committee members to work simultaneously, speeding up the data entry process. Google Sheets allows for better organization and automation. Data related to marks, assessments, and student progress can be updated and tracked more easily. This is a clear step forward in making administrative tasks more streamlined, transparent, and reliable. This is how digital tools enhanced productivity in education.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://vpmthane.org/BNB/Examination_Compendium_2021.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Under autonomy, programme outcomes were prepared by IQAC and Course outcomes for each course were prepared by board of studies after thorough discussion which were approved by academic council and governing body of BNBCS. All the course outcomes are mentioned in the syllabus of respective course.

Programme outcomes are displayed on the college website. Also, syllabus of each course containing the respective course outcomes is uploaded on the college website and available in the college library as well as in the respective departments. Class-wise induction

lectures are conducted every year in the beginning of the academic year by Principal, respective Heads of the department and committee coordinators as well. Students are well acquainted with programme and course outcomes, credit system, examination system by the teachers through induction lectures, in the beginning of the semester.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://vpmthane.org/BNB/Syllabus.aspx

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment of Programme Outcomes and Course Outcomes are evaluated by BNBCS through direct and indirect methods.

Direct methods of evaluation of attainment of course outcomes include internal assessment, practical examination, and semester end theory examinations. The level of attainment is reflected in grade card on the basis of course credit. Internal assessment is done using class tests, assignments, projects, field visits, etc. Overall CGPI is used to measure the attainment of programme outcomes.

Indirect methods of evaluation include mentor-mentee interaction, one to one communication between students and teachers, feedback from stakeholders, field visits, internships, industrial trainings, seminar presentations, group discussions, project evaluation, laboratory assessment, student portfolios and participation in co-curricular and extra-curricular activities.

In the academic year 2023-24, BNBCS has initiated the process of modification of course outcomes according to Bloom's taxonomy for all the courses in F.Y.B.Sc and has planned to measure the POs and COs using a systematic and data-driven approach.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

470

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](View%20File)
Upload any additional information	**No File Uploaded**
Paste link for the annual report	https://vpmthane.org/BNB/AQAR23-24/6.5.3%20Principal%20Report%202023-24.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://www.vpmthane.org/BNB/feedback%20analysis.aspx

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The institute offers access to advanced research facilities for all students, featuring major instruments such as an IR spectrophotometer, UV-Visible spectrophotometer, flame photometer, cathode-ray oscilloscope, thermal cycler, viscometer, densitometer, ultrasonic bath, ultrasonic interferometer, medical microscope, and cooling centrifuge. The institute provides Ph.D. programs through its five well established research departments in Botany, Chemistry, Zoology, Physics, and Environmental Science which are supervised by a team of eight research guides, fostering a vibrant academic environment for advanced studies and innovative research. Undergraduate and postgraduate students are encouraged to undertake mini research projects in all the departments under faculty mentorship and actively participate in various research conventions.

Nineteen projects presented at the zonal round of 18th Inter-

Collegiate Avishkar Research Convention, three were selected for the final round. Dr. Jayashree Pawar received national level free registration as part of the SSR (Scientific Social Responsibility) initiative under the SERB grant from Dr. Jyoti Kode, ACTREC, to attend a workshop on humanized mice during the 3rd Global Cancer Consortium conference.

The college website features a dedicated tab for research, publications, patents, research projects and proceedings. Additionally, access to e-journals and e-books from renowned publishers is provided through an annual J-Gate and Knimbus subscription.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	http://www.vpmthane.org/bnb/AQAR23-24/5.%20FINAL%20RESEARCH%20PROMOTION%20POLICY.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for

advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0.95841 Lakhs

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	http://www.vpmthane.org/bnb/ResearchProjects.aspx
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

8

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

03

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://mangroves.maharashtra.gov.in/Site/40/Contact, https://mu.ac.in
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The College ecosystem fosters a vibrant interdisciplinary environment that encourages innovation, creation, and the seamless transfer of knowledge. Dedicated centers for research, community engagement, innovation and incubation play pivotal roles in this endeavor. Activities like "SciQUEST: Innovation Edition" exemplify how diverse academic disciplines converge to nurture creativity, critical thinking, and collaborative problem-solving.

Through such initiatives, students actively engage in writing research paper. Students of T.Y.B.Sc. are introduced to Nutrigient Agrotch, a start-up by young entrepreneur. These activities not only deepen subject knowledge but also refine communication, teamwork, and leadership skills. The involvement of the departments highlights the interdisciplinary nature of learning and innovation.

The presence of motivating faculty mentors ensures participation in Creative Ideas and Innovation in Action (CIIA). One of our students Hooeda Idrishi got selected for second round which bridge the gap between theory and practical application. With a strong focus on

community orientation, enabling students to translate their ideas
into impactful solutions, fostering societal growth. Collaborative
efforts also nurture entrepreneurial mindsets, supported by
incubation center that provide resources for project development and
startup incubation.

This approach fosters a dynamic academic environment, blending
research excellence with practical outcomes, and empowers students
to impact science, society, and industry.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://www.vpmthane.org/bnb/Activities_2023-24.aspx

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

18

File Description	Documents
Report of the events	[View File](#)
List of workshops/seminars conducted during the year	[View File](#)
Any additional information	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

04

File Description	Documents
URL to the research page on HEI website	http://www.vpmthane.org/bnb/ResearchCommittee.aspx
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

0.103

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

0.086

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.vpmthane.org/bnb/AQAR23-24/3.4.4%20Book%20Chapters_23-24_Final.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

86

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

06

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.025 Lakhs

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	[View File](#)
List of consultants and revenue generated by them	[View File](#)
Any additional information	[View File](#)

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	[View File](#)
List of training programmes, teachers and staff trained for undertaking consultancy	[View File](#)
List of facilities and staff available for undertaking consultancy	[View File](#)
Any additional information	[View File](#)

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The NSS and NCC unit of the college carried out numerous impactful initiatives throughout the year, focusing on social responsibility, environmental conservation, and community welfare. Key highlights included the pulse polio vaccination in collaboration with the Thane Municipal Corporation, tree plantation drives under the "Meri Maati Mera Desh" campaign, and cleanliness drives at Yeoor Hills. The unit also organized programs on self-defense with the Department of Women and Child Development, the "Break the Silence" seminar to prevent suicides, and voter awareness street plays.

Initiatives like a tuberculosis awareness flash mob, blood donation

camps, single-use plastic reduction campaigns, Shramadan at Yeoor Hills, and the Diwali Faral Stall showcased the NSS unit's dedication to sustainability and cultural inclusivity. Guest lectures, cultural exchange programs with international students, and fitness campaigns further contributed to students personal and academic enrichment.

The DLLE department complemented these efforts with programs like the "Creek Cleaning Drive" "and "Lets discover chef in you" to enhance practical skills. The UDAAN Festival 2024 celebrated student innovation and the spirit of extension work.

Together, the NSS, NCC unit and DLLE department exemplify the dedication of college to nurturing socially responsible, environmentally conscious, and proactive students, making a significant impact on the community.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.vpmthane.org/bnb/curricularActivity.aspx

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

13

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

64

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

464

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

23

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

02

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The institution is located in bustling city of Thane, spanning 13.5 acres, shared with four sister institutes, creating a vibrant learning environment. The college boasts 19 well-equipped classrooms with Wi-Fi connectivity, ensuring a seamless teaching-learning experience. For hands-on learning, there are 10 laboratories catering to undergraduate and postgraduate students, while research scholars have access to 4 dedicated labs. A seminar hall and two auditoriums one with a 150-seat capacity within the college and a larger 350-seat auditorium on the campus offer ample space for academic and extracurricular gatherings. To meet modern educational demands, 180 computers (140 for students and 40 for staff) are available, supported by 10 LCD projectors, 15 laptops, 22 printers, 2 scanners, and a smart board. The institution also ensures inclusivity by providing a wheelchair for differently-abled students. Girl students have a dedicated common room. Clean washroom facilities are available separately for boys and girls, contributing to a comfortable campus experience.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vpmthane.org/BNB/AboutCollege.aspx

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The college strongly believes in nurturing the all-round development of students beyond academics. The lush green campus houses a sports ground where students can engage in basketball, cricket, and track events. For indoor recreation, the Gymkhana offers games like carrom, table tennis, and chess, fostering a spirit of healthy competition. To encourage fitness and athletic excellence, the college organizes an annual sports meet and promotes student participation in intercollegiate, state, and national-level competitions. In year 2023-24, College has initiated provision of separate new space for gymkhana. Understanding the importance of fitness, the management took a visionary step by establishing VPM's Sports Academy, where students receive professional training. Yoga, an integral part of holistic well-being, is regularly practiced with

the guidance of experts from Ambika Yog Kutir. Cultural activities are equally emphasized, with a dedicated cultural committee ensuring students get ample opportunities to showcase their talents. The college auditorium and two open spaces serve as perfect venues for various events. Students actively participate in the University Youth Festival and have proudly brought home numerous accolades. This dynamic environment helps shape well-rounded individuals who excel in academics, sports, and the arts.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

19

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

15.74

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Koha open source software (Version 20.05) is used to computerize the library and perform its operations on the computer. Koha Open Source software has bibliographic records for all kinds of collections. There are 33376 books in the college's degree library, 2383 in the college book bank, and 1696 in the Mumbai University book bank. The library's collection is accessible to all stakeholders via its Web OPAC at http://opac.vpmthane.org:50500/ . Furthermore, students have access to bound books, periodicals, newspapers, and magazines. Library also offers overnight book issue facility and is accessible on Sundays before examinations for students' benefit. The Knimbus platform allows users to access a variety of e-resources, including e-books, e-journals, and other kinds of content. A departmental library provides an alternate source for convenient access during the learning process. Additional study materials, college magazines, question banks, proceedings, and more are available through the digital repository service at http://dspace.vpmthane.org:4000/communities/fa8c83c2-c0cc-499e-a932-69b14af1e653 . Through an Interlibrary Loan program, the library establishes a connection withsister institutions. The library offers an External Membership Facility for the good of society. On a number of times, the library organizes book exhibitions. The library started hosting a number of events, such as Lekhaktumachya Bhetila,Book Mark competitions etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vpmthane.org/BNB/Library_new.aspx

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	`A. Any 4 or more of the above`

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

7.81

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

94

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institution has a comprehensive IT policy that governs Wi-Fi, cybersecurity, software upgrades and ICT-enabled teaching-learning practices. Wi-Fi is available in the college, ensuring seamless internet access for all.An institutional email ID assigned to all staff and students to make use of Google facilities without space constraints. There are total 180 computers connected to LAN. An IP address/DHCP is assigned to every computer by the system administrator. Cybersecurity protocols, including advanced firewall systems, antivirus solutions and

data protection measures, are regularly reviewed and updated. To

enhance students' awareness of security and safety, BNBCS initiated Cyber Security programs in collaboration with Quick Heal Foundation. Several training sessions aimed to equip students with essential knowledge and skills in cybersecurity, covering topics such as safe internet practices, data protection, and recognizing cyber threats. The institution follows a transparent procurement process for IT resources. Quotations are invited from vendors, after which the

purchase committee

evaluates the options and finalizes the order. This ensures the acquisition of quality products at competitive prices. Around Rs 4 lakhs spent for IT maintenance and updates, ensuring the institution remains technologically advanced and continues to support modern teaching-learning methodologies effectively.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://vpmthane.org/BNB/AQAR/Policy_I.T.pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1602	**140**

File Description	Documents
Upload any additional information	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**D. Any one of the above**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

121.8

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	**No File Uploaded**

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The college has well-established systems and procedures for maintaining and utilizing physical, academic, and support facilities, ensuring smooth operations and optimal usage of infrastructure. With a proactive approach, the institution ensures that classrooms, laboratories, the library, sports complex, and IT infrastructure remain in excellent condition. Regular upkeep of essential facilities such as air conditioners, water coolers, purifiers, telephones, and UPS systems is ensured through Annual Maintenance Contracts (AMC). For addressing computer-related issues, an online complaint register is maintained at https://vpmthane.org/helpdesk/, ensuring prompt resolution. The institution also ensures periodic software updates for enhanced cybersecurity and functionality.

Staff training workshops were conducted to familiarize them with quality assurance processes. Additionally, flowcharts, SOPs, and calibration procedures for lab instruments were introduced to maintain consistency and accuracy in academic activities. These all quality initiatives are regularly judged during internal-external audits.

To foster sustainability, a Green Audit was conducted, promoting eco-friendly initiatives such as paperless office operations and maintaining a plastic-free, green campus. These measures reflect the institution's commitment to maintaining a high standard of infrastructure and environmental responsible learning environment.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vpmthane.org/helpdesk/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

252

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

3

File Description	Documents
Upload any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above

File Description	Documents
Link to Institutional website	**Nil**
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1043

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

45

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

128

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

10

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

01

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The Student Council of BNBCS is established per Maharashtra Public Ordinance University Act 28 (dated 26th November 2017). BNBCS Student Council consists of a secretary and joint Secretaries of committees such as cultural, gymkhana, NCC, NSS, and magazine, class representatives are invited members; along with senior college authorities. The Students Council selects the General Secretory who represents all the college students. The General Secretary plays an important role in communication with Students and the college administration. In BNBCS the General Secretary is selected by voting of Students Council's members other than invited members. the departmental clubs, and the Students Council plan all of the college events with the help of teachers. Student representatives are part of the Avishkar Coordination Committee and the Book Bank Committee. The students actively participate in planning various events, such as blood donation camps, cleanliness campaigns, drives to collect plastic and E-waste, old/new clothing. celebrations of national days. The council takes efforts in arranging the fests like Annual Sports Day, "Ankasha" Cultural fest, NSS Camp, social activities, the Independence and Republic days Parade,and so on. They learn the value of team work, and respect their peers in event management along with their regular academic studies.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

5.3.3 - Number of sports and cultural events / competitions organised by the institution

20

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Proud alumni serve as 'Brand Ambassadors'of BNBCS, eager to return to their 'Alma Mater' and guide fellow students. Year 2023-24 witnessed events by Alumni Association-Anubandh.

Ms. Pooja Chavla, MD, Apios Lifesciences

Career in Pharma Sales and Marketing- Role and skills of a medical representative, journey MR-marketing head-CEO

Mrs. Anushri Tambe, Assistant Professor, K.J. Somaiya College of Engineering

What After B.Sc. Mathematics?

Mr. Vedprakash Singh, Statistical Investigator, DCO, Maharashtra

Career Opportunities in Government Sectors- preparation for government exams

Mr. Phanasgaonkar, Founder, Chief Consultant, AgileITvantages

Digital Transformation and Fintech- use of digital technology in finance companies

Mr. Subhash Khatri, SRF, TIFR

Mr. Akshay Rathod, student, JNU, Delhi

Ms. Sristi Yadav

Mr. Gaurav Tiwari

Competitive exam guidance

Dr. Aditya Chhatre, Max Planck Institute, Germany

Promising Opportunities In Biological Research

Dr. Sushant Parab, Torino University, Italy

Career Opportunities in Biological Sciences and Allied Fields

Ms. Saee Joshi

GAT-B QP solving

Ms. Samiksha Chavan

Online platform naturalist sharing biodiversity information

Ms. Janhavi Deshmukh

Career-clinical research

Ms. Mrunali Raut

Lecture on "In the world of butterflies"

Butterfly walk-VPM campus

Ms. Ridhhi Kumawat, Mr. Yuvraj Wankhede

Studies Abroad

Alumni contributed as members of Board of Studies of various subjects, playing significant role in designing updated syllabi.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Vision: Imparting Quality Education in Science.

Mission: To mould students into rational thinkers, competent workers and socially aware citizens.

The principal and management play an active role to align the institute's goal with action plans and policy statements. Periodical meetings are conducted with functional committees, where the principal assesses the results of action plan implementation. If required, action plans are revised with some modification. A quality policy is reviewed by management, and performs necessary revisions. In order to decentralize, the institute has established 56 need-based committees based on competent leadership.

To assess performance, IQAC conducts an internal academic and administrative audit once a year. Management personnel and experts guide the Quality Assurance Cell (QAC). The principal encourage every stakeholder to participate in various activities. Decentralization has increased faculty involvement at large, which resulted in increased accountability and efficiency. The vision, mission, short and long-term goals, and quality policies are discussed with all stakeholders in order to strengthen academic and cultural excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vpmthane.org/BNB/AQAR23-24/6.1.1%20Committee_list_2023-24.pdf

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

According to UGC regulations, the statutory bodies are established.

These bodies meet on regular intervals and provide the necessary feedback in order to perform with desired objective. For the development and effective operation of the institute, suggestions and feedbacks are collected from all stakeholders.

Decentralization of administration facilitates to design constructive policy on financial, and infrastructure development. These proposals are discussed in the College Development Committee (CDC) and final decisions taken. IQAC arranges both internal and external academic audits along with financial audits. Special attention is given to slow learners. Mentor-mentee relation is well maintained between faculties and learners. Institute implemented NEP 2020 policy from the beginning of the academic year 2023.

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional Information	https://vpmthane.org/BNB/Statutory%20Bodies.aspx

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The institute has taken efforts to meet the strategic action plan designed in the previous year. The institute has hosted 18th Avishkar Research Convention ZONE IV and DLLE UDAAN festival of University of Mumbai. The college was awarded the "Best College" by Thane Municipal Corporation for conducting Election Awareness Drive. Quick Heal Foundation, Pune, awarded our institute 'Best ProcessComplianceInstitute in Zone 2' at 'Cyber Shiksha for Cyber SurakshaAwards 2024'. The College participated in 'Majhi-Vasundhara Competition 2024' on environmental conservation conducted by Thane Municipal Corporation. To align with the NEP 2020 policy, institute conducted activities such as blood donation, medical camp, collection drive of e-waste, plastic, glass and old cloths etc.. Cleanliness drives conducted of mangroves and college campus. Teaching and non-teaching faculties voluntarily participated in various curricular, co-curricular and extra-curricular training programmes. Research areas strengthened with 08 patents, 03 book chapters and 13 research papers were published by the faculties. The

student's participation was remarkable where they achieved noteworthy achievements in various competitions. Institute has received financial assistance in the form of sponsorships, scholarships and donations from well-known organizations. Institute has made an effort to mobilize and utilized the funds as per the strategic plan.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File]()
Paste link for additional information	https://vpmthane.org/BNB/ActivityPage.aspx
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Governing body and management council are the apex bodies which has representation from the management of different stakeholders of society. The meetings are conducted and they ensure that the institute progresses in all desired segments and maintain quality. The college has formed statutory and non-statutory bodies that function as per policies laid down by the apex body, state government, UGC and affiliated University. The workflow is performed as per organogram. Open door Policy is followed by the Principal for all the stakeholders. The appointments and promotions are executed as per the rules and regulations. The service rules and policies are available as a ready reckoner. The Principal, controller of examination and heads of the department guides and orients the faculties. The Principal is the overall in charge of the academic and administrative activities of the college. The Principal with the administrative team comprising of IQAC coordinator, heads of the departments, office superintendent and coordinators of various committees plan and execute the activities.

File Description	Documents
Paste link to Organogram on the institution webpage	https://vpmthane.org/BNB/AQAR23-24/6.2.2%20Organogram%202023-24.pdf
Upload any additional information	View File
Paste link for additional Information	https://vpmthane.org/BNB/Statutory%20Bodies.aspx

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

VPM management plays a significant role in employee wellbeing and interest. Employees can access free Wi-Fi. Non-teaching faculties are encouraged to participate in skill enhancement programmes. Health checkup camp organized for all employees. Being the medical background of the trustees, medical emergencies are handled with ease. Clean workplace, digital support, parking of vehicles and SMART identity cards contribute to the seamless operation of the institute. Management encourages the staff through recreational activities, free health checkup camps, NSS duty leaves and awards and recognitions for better organizational climate. The college administration's interactive and support boosts growth of institute and faculties at regular intervals. VPM's Co-op Society is established to provide hassle free loan to all employees. Festive advance is given to non-teaching staff.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[NIL](#)

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

05

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

01

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

17

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The financial management and resources are checked and verified by the concerned office staff. The office suggests and advices financial best practices in the utility of the resources for creative and effective uses. The resource utility Policy seeks to make the college's efforts towards building strong financial assured platform. The resources are required for multiple purposes like administrative aspects, academic aspect, extracurricular activities, research, and infrastructure advanced development and maintenance. College has official resources from academic fees, transfer fees, migration fees, as per the traditional norms etc. Another source of finance is sports fees, Government grants for NSS, fees for PG courses, self-finance courses and UGC. Other sources of interest from bank accounts, interest for FD, reinvestment of accrued interest and other schemes of the banks. Quotations from vendors, genuine ones are identified and the Chairman's approval is taken before finalizing the vendors and is utilized for the said purpose. The final decision is the Chairman. Both internal and external auditors check the payrolls, attendance, Form 16, TDS deduction and documentation of tax proofs. Strict budgetary control on expenditure is exercised as per the provision of the act.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

1.08

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	**No File Uploaded**

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Academic fees are collected from students as primary source of revenue. If a shortfall emerges, funds are provided by the management. The administration has spent a sufficient amount of money for the necessary infrastructure for various departments, offices, lab equipment, libraries, canteens and sports. Fees: Students of various granted and self-financed courses are charged fees in accordance with university and government regulations.

Salary Grant: The State Government provides salary grant to the College. For this, we create and submit to the state government. A yearly budget of the expected salary grants are prepared and submitted. It covers the wages of full-time permanent teachers, non-teaching employees, and part-time teachers working on granted positions.

UGC Grants: Our College is under 2F and 12B as per the UGC Act and Permanent Affiliation of the University. The institute established UGC Committees in compliance with the UGC's directives in the XII Plan.

The Charted Accountant conducts regular audits to ensure that resources are mobilized. The committees ensure the correct use of classrooms, labs and other infrastructure.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	NIL

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during

the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The college strives to focus on quality through its innovative, comprehensive, affordable and flexible educational approach.

1. Improving the quality of teaching and research through student opinion and feedback.

2. Contributing to best practice in administration in order to maximize resource utilization and provide better services to learners, faculties and non- academic staff.

3. Encourage faculties to participate in faculty development programmes, skill development programme, quality enhancement, orientation and refresher programmes.

4. Encouraging learners to participate in online certification, field study and career counseling programmes.

5. Ongoing evaluation of learners through mentorship, term end results, co-curricular and extracurricular activities.

6. Students are aware of services such as the Canteen, Gymkhana, Library and Reading Rooms, Green club, NSS, NCC, Cultural, DLLE, and so on.

7. Contributing to academic and administrative audits, as well as analyzing outcomes to identify areas for improvement.

8. The Institute IQAC meets every month/week (as and when needed). IQAC prepares, evaluates, and recommends for approval to Institute and Govt. statutory authorities such as:

(a) Annual Quality Assurance Report

(b) Self-Study Reports of various accreditation bodies (UGC 12b, NAAC, NIRF,)

c) Performance Based Appraisal System for Career Advancement Scheme (CAS)

(d) Stakeholder feedback

(e) Action Taken Reports

(g) New Programmes as per National Missions and Govt. policies.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://vpmthane.org/BNB/1.4.1.b_ATR_23-24.aspx

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC evaluates the quality of the teaching learning process. Affiliated University's academic schedule is followed by the institution with some modification being autonomous. Each department operates in accordance with the teaching plan, calendar and course plan developed at the department level as per University norms. IQAC serves a standard for a variety of academic, internal and administrative audits. Examination committee instructs schedule in coordination with NEP Coordinator. It delivers information through collaboration and perseverance. It also ensures that academic and financial obligations are completed efficiently as well as on time. The action plan contains important routine tasks for the timely execution of teaching/learning activities such as conducting meetings, providing regular student feedback, and so on. Courses are assigned depending on the faculty members' expertise. For a successful teaching-learning process, faculty members employ a variety of pedagogical strategies. Faculties develop methodologies and tactics to help slow learners and promote bright pupils. Mentors keep track on their mentees' progress. The use of ICT tools and social media has become an integral part in teaching - learning process.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vpmthane.org/BNB/AQAR23-24/6.5.2%20Mentor%20Cell.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution	**A. Any 4 or all of the above**

Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	

File Description	Documents
Paste the web link of annual reports of the Institution	http://www.vpmthane.org/BNB/Activities/2023/ Principal_Report_2023-2024.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender equity encompasses respect for all individuals without discrimination, despite of their gender. It also extends in terms of addressinggender inequalitiesthat limit person's ability to access opportunities to achieve better living. Gender inequality can be a hurdle for health, education and economic opportunity.

At BNBCS, the higher authorities ensure that the gender equity gets practiced by every stakeholder in all aspect of education.

Principal, this year, initiated celebration of world population day that was undertaken to increase awareness about gender equality. it also initiated discussion onserious population-related concerns, including the significance of family planning, poverty alleviation, maternal health, and human rights. A few other activities, guest lectures, awareness sessions were conducted by NSS unit and WDC for women empowerment. (List attached)

To assess the institutionalisation of gender equality, Gender audit was executed. It helped the institution check the equality inclusions into organisations, including in their policies, programmes, provision of services, structures, proceedings. The

participation of male and female learners are tracked for all the activities.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	D. Any 1of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

- Being an educational institute, the waste generation at BNBCS, mainly comprises of office stationary waste, daily generated bio-waste and also waste generated in laboratories.
- Paper wastes collected from the office, library and individual departments is properly segregated, reused wherever possible and unwanted stuff is subjected to disposal by office authorities. The old newspapers are used by laboratories to pack sterile glassware. The institution advocates 'Less paper' use.
- The laboratory staff segregates the glass waste and metal-sharps, store it in secured area and then dispose them separately.
- Waste collection bins are placed at multiple and accessible locations to ensure segregated waste collection. Bio-compost bin is taking care of degradable waste of foliage.
- The educators and learners are sensitized towards minimizing the use of hazardous chemicals by having proper SOPs.
- Minimization of waste generation, waste recycling is imbibed in students through the projects that are now part of their NEP framework.
- Various drives are undertaken through NSS to ensure

properwaste disposal and recycling.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

B. Any 3 of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	`C. Any 2 of the above`

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	<u>View File</u>
Any other relevant information	<u>View File</u>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	`C. Any 2 of the above`

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	**No File Uploaded**
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

Inclusive ecosystem considers diversity as strength! It gives the opportunity for an educational institute to nurture individual strengths to make positive changes at large.

BNBCS conducts various activities on the campus to offer common platform for every individual, irrespective to his/her caste and creed.

Various cultural events, social activities are planned through Cultural committee, NSS ensures inclusion of diverse masses. Regional festivals, National festivals celebrated at the college helpbring all students together as 'One' !

Linguistic harmony is imbibed in students with celebration of language days like Marathi bhasha divas, Hindi bhasha divas.

Social projects like 'raksha bandhan' for communal harmony conducted in society outside were remarkable way of communicating inclusion!

Economic inclusion is ensured by strictly following Government / University set rules and guidelines during admission of students in the institution.

Common celebration of festivals and national festivals together by students and teachers created the close bonding.

Equal treatment is being given to ensure educational opportunities for everyone in the institute.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

It is required for all the citizens of nation to imbibe national values. they should be aware of their basic rights , at the same time they must shoulder all the responsibilities that are required for nation building.

At BNBCS, various activities, programs get conducted throughout the year that would help build the Unity among all learners and educators.

Helping the needy and boosting the weak strata of society gets inculcated in students participants through activities like stationary collection and donation drives, old clothes collection and donation drives.

Visual display of National anthem, National anthem singing, celebration of independence day and republic day, samvidhaan divas celebrations help student learn basic democratic principles and develops pride for the nation and democracy. such activities potentiates Self esteem and resilience among students.

Through various on field social activities we train our students to understand social problem, their probable solutions we can offer to them. Many students get sensitized and motivate othersto act selflessly and positively.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this	B. Any 3 of the above

regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

File Description	Documents
Code of Ethics - policy document	**No File Uploaded**
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Like every year, following is the list of national and international commemorative days that werecelebrated in the college

Sr. No.

Activity

1

International day of Yoga

2

International anti-drug day rally

3

Anti-Drug Day seminar

4

National statistics day

5

World population day

6

Poster Presentation Competition on the account of 'International Day for Conservation of Mangrove 2023'

7

Guest Lecture on account of International Day for Conservation of Mangrove 2023

8

International tiger day

9

Panch Pran Pledge (mmmd)

10

International youth day lecture

11

Awareness on Elephants - An informative session and video screening on biology, behaviour and conservation of elephants on account of World Elephant Day

12

Independence day celebration

13

Photography competition is organized by the NSS unit on the occasion of World humanitarian day and World Population Day

14

Millet's mela rally, seminar & stall

15

National sports day (fit india)

16

Teachers day celebration

17

NSS FOUNDATION DAY

18

World AIDS day (Rangoli competition)

19

Republic day

20

Marathi bhasha divas

Along with this 25 more activities are conducted through library

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	**No File Uploaded**
Geotagged photographs of some of the events	**No File Uploaded**
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice 1

1.Title of the Practice: 'one-credit Theory and one credit Practical' format of Co-curricular Course (CC) for effective professional social service project execution under NEP framework

Best Practice 2

1. **Title of the Practice: Urban Biodiversity Conservation Initiative**

File Description	Documents
Best practices in the Institutional website	https://vpmthane.org/BNB/Best%20Practices.aspx
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

BNBCS plans and conducts all the activities with a mission of moulding students into rational thinkers, competent workers and socially aware citizens.

To provide opportunity of earning for needy and interested students during graduation and to give early work culture exposure to the students through industry linkage the college is executing 'Earn and Learn scheme' with linkage of Quick Heal foundation.For the past two years, institute is enrolling students in noble cause of creating cyber surksha awareness in society. The dedicated , enthusiastic participation of the students got recognized by Quick Heal Foundation, who organized 'Cyber Shiksha for Cyber SurakshaAwards 2024' Pune. The institute received the award for Best ProcessComplianceInstitute in Zone 2.

The NSS unit for its remarkable societal impact got recognized by Thane Municipal Corporation by conferring Best College Award for conducting Election Awareness Drive, which was one of its kind activity.

Environmental awareness creation is another thrust area for BNBCS. During 2023-24, 'Urban Biodiversity Conservation Initiative' was undertaken by students and teachers. This effort enriched the local biodiversity database and contributed valuable data to the global iNaturalist platform. The contribution made the College a strong

contender in 'Majhi-Vasundhara Competition 2024'.

File Description	Documents
Appropriate link in the institutional website	https://vpmthane.org/BNB/AQAR23-24/Instituti onal_Distinctiveness_23-24.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- **Reframing the syllabi and getting their approval for NEP implementation at level 5.5 and post graduate level**
- **Hosting of the conference through Botany department**
- **Hosting the special awareness sessions / seminars on POCSO, POSH etc.**
- **Preparation and submission of SSR**
- **Making more partners in practice for effective implementation of NEP**
- **Motivating students and teachers for publishing research papers, patents, books**
- **Proactively shouldering the responsibilities as Partnersin hosting various government, university activities to reach the unreached**
- **To undertake Infrastructural revamp for fulfilling growing demands**
- **Applying for quality awards for benchmarking brand**