



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		Birla Vishvakarma Mahavidyalaya Engineering College
• Name of the Head of the institution		Dr. Indrajit N. Patel
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone No. of the Principal		02692230104
• Alternate phone No.		02692236672
• Mobile No. (Principal)		9898034464
• Registered e-mail ID (Principal)		principal@bvmengineering.ac.in
• Address		Post Box No. 20, Vallabh Vidyannagar
• City/Town		Anand
• State/UT		Gujarat
• Pin Code		388120
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		29/04/2015
• Type of Institution		Co-education
• Location		Rural

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Dr. Darshak G. Thakore				
• Phone No.	02692230104				
• Mobile No:	9825272963				
• IQAC e-mail ID	naac@bvmengineering.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://bvmengineering.ac.in/NAAC/AQAR-2/AQAR-2.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://bvmengineering.ac.in/comm/an_page1.aspx?page_id=95				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.01	2022	20/12/2022	19/12/2027
6.Date of Establishment of IQAC			18/11/2021		
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
Institution	TEQIP-II	MHRD & World bank	01/04/2013	100000000
Institution	TEQIP-III	MHRD & World bank	01/04/2018	70000000
Institution	SC-ST Hostel	AICTE-New Delhi	24/05/2016	20000000
Institution	MNR and Robotics	GUJCOST	01/01/2020	12607000
Institution	RPS and MODROB	AICTE-New Delhi	01/01/2019	11850000
Institution	R & D	NVIDIA	01/01/2022	250000
Institution	FDP	MHRD	01/01/2022	50000

8. Provide details regarding the composition of the IQAC:

Upload the latest notification regarding the composition of the IQAC by the HEI	View File	
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9.No. of IQAC meetings held during the year**2**

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

If yes, mention the amount	
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11. Significant contributions made by IQAC during the current year (maximum five bullets)

Quality of academic programs assessed through curriculum review, feedback mechanisms, and assessment of learning outcomes.
Organized faculty development programs on pedagogical techniques, technology integration, and research methodologies to enhance teaching effectiveness, research capabilities, and professional development.
Contributed to the development and maintenance of infrastructure and facilities conducive to teaching, learning, and research. This includes ensuring the availability of library resources, laboratories, ICT infrastructure, Centre of Excellences for research promotion and resources for testing and consultancy.
IQAC have engaged with various stakeholders, including faculty, students, alumni, employers, and the community, to gather feedback and incorporate their perspectives into quality enhancement initiatives. This involve conducting stakeholder surveys, focus group discussions, and outreach activities, Alumni meets, Parents meeting, and ICC meet.
IQAC played a pivotal role in preparing the institution for accreditation by coordinating self-assessment exercises, preparing the NAAC SSR (Self-Study Report), AQAR and facilitating the external peer review process.
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
Strengthen research culture by promoting interdisciplinary collaboration of various projects and patents.	Increased research output and collaboration, resulting in a higher number of publications, patents, and research grants.
Upgrade infrastructure and facilities to support teaching, learning, and research activities.	Upgraded infrastructure and facilities in terms of smart classrooms, state of art laboratories and centre of excellences, providing a more conducive environment for teaching, learning, and research.
Engage with alumni and employers to gather feedback on the relevance of academic programs and curricula.	Meetings of board of studies and industry consultative committee, engaging alumni and industry persons, has been conducted regularly to revise curricula as per the need of industries.
Promote a culture of learning beyond curriculum through various academic, co-curricular and extra-curricular activities.	Institute promoted various student chapters to organize various expert talks, seminars and workshops resulting noteworthy achievements at state, national and international level.
Prepare for accreditation and institute ranking by aligning institutional practices with accreditation standards and requirements.	Successful accreditation process with commendable ratings from accrediting bodies, demonstrating institutional commitment to quality enhancement.
13. Was the AQAR placed before the statutory body?	No
Name of the statutory body	
Name of the statutory body	Date of meeting(s)
Nil	Nil

14. Was the institutional data submitted to AISHE ?	Yes				
• Year					
<table border="1"> <tr> <td data-bbox="86 427 774 490">Year</td><td data-bbox="783 427 1476 490">Date of Submission</td></tr> <tr> <td data-bbox="86 490 774 553">2023-24</td><td data-bbox="783 490 1476 553">02/03/2024</td></tr> </table>	Year	Date of Submission	2023-24	02/03/2024	
Year	Date of Submission				
2023-24	02/03/2024				
15. Multidisciplinary / interdisciplinary					
The autonomous Birla Vishvakarma Mahavidyalaya (engineering college), since inception follows innovative practices in the teaching learning process. This background of BVM is to be gainfully used for the implementation of NEP which envisages amalgamation of intellectual, technological, cultural, emotional and social traits into the budding engineers. The curriculum has non-credit mandatory courses to give the students exposure to the fields other than their chosen fields. Moreover, summer/winter internships of 4/6 weeks are mandatory for all students to expose them to the industrial environment so as to make them industry ready. In line with the NEP, BVM also conducts evening post Diploma to degree course in mechanical engineering for the diploma engineers working in and around the institute. The diverse academic interest of students are being catered through Major and minor projects, internships and NPTEL/MOOC courses with credit transfer. Students are also enrolled in NCC, NSS, technical chapters/clubs like IEEE, TRS, CSI, IE(I), GDSC, ML, GFG, CodeChef, TSA, WIE, BYTE etc. for the all-round personality development. Birla Vishvakarma Mahavidyalaya has ten departments offering various engineering programs and have proximity to arts, science, commerce, music, economics, language, management faculties run by parent management, making an environment appropriate for the implementation of NEP.					
16. Academic bank of credits (ABC):					
The Institute has already registered under the Academic Bank of Credits (ABC) to transfer the benefits of this facility to the students, to slow learners as well as fast learners. The HEI is in the process of uploading the required information on the portal along with creating a system for its implementation. HEI is, by enlarge, getting top rankers of the state and implementation of Academic Bank of Credits (ABC) would facilitate them to become graduates proportionate to their capabilities to work and assimilate. The academic consolidation is aided by the					

extracurricular activities like NCC, NSS, sports, cultural, learning beyond curriculum activities by various student chapter etc. available at the HEI which gives them diversified experiences useful to become practical and globally employable engineers as mentioned in HEI's Vision statement.

17.Skill development:

HEI is playing a crucial role in skill development in several ways which is essential for preparing students to meet the demands of the modern workforce and to contribute to the advancement of technology and innovation. Key contributions of the institute in skill development are: The autonomous curriculum of HEI has equipped students with the knowledge and skills needed for their chosen fields. This includes theoretical understanding, practical applications, and problem solving abilities. The inclusion of hands-on laboratory work and projects has allowed students to apply theoretical knowledge to real world problems. Specialized programs and courses that help students develop specific skills in areas such as robotics, artificial intelligence, machine learning and renewable energy have been conducted beyond curriculum. HEI also took deep interest in collaborating with national and international academic and industry partners, providing students with opportunities for internships, co-op programs, and exposure to real-world challenges. These partnerships help bridge the gap between academic knowledge and practical skills. In addition to technical skills, HEI also emphasize the development of soft skills like communication, teamwork, leadership, and project management through various co-curricular and extracurricular activities.

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

Birla Vishvakarma Mahavidyalaya through celebrations like Navratri, Diwali, International Yoga day, cultural days and competitions uphold the reverence towards our culture, value system and ethos. Faculty members explain the concepts to the first year students both in English as well as in Gujarati, if needed. College magazine "Vishvakarma" facilitates the students in showcasing their talents be it artistic, Musical, acting, elocution, debate, etc., presented during the cultural days and festivals which are rich reflections of Indian culture inherited. Institute also encourages the students to participate in various co-curricular and extra curricular activities related to Indian culture like folk dance, Mimes, Quiz etc. organized in-house as well as state and national level.

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

Outcome based education is one of the benchmarks of Birla Vishvakarma Mahavidyalaya, since 1984. Implementation of OBE through curriculum restructuring, delivery and evaluation schemes resulted in a paradigm shift from teacher centric to student centric learning environment. Autonomous status since 2015 added more impetus to this changeover. All stakeholders are introduced the concepts like program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) and the pedagogy adopted at the institute ensures the implementation of the same to bring out graduates with the essential traits to deal with their choice of profession. The institute website notifies all essential features of OBE and every course syllabus depicts the course outcomes and the same is exposed to the students at the commencement of the semester. Questions in question papers are set with different Blooms taxonomy level to evaluate them more objectively. OBE implementation is aligned with the institute vision "to produce globally employable innovative engineers with core values".

20.Distance education/online education:

Birla Vishvakarma Mahavidyalaya used online mode of teaching extensively during Covid days using Microsoft Teams and Google platforms. Post Covid, as the usual practice, the MOOC, NPTEL courses are taken by the students and are given credit transfer for the same against the subjects as per the rules and regulations framed by the respective Board of Studies. This facilitated the students to get exposed to the subjects otherwise not offered by the branches. Birla Vishvakarma Mahavidyalaya has a recording room dedicated to create online learning materials availed by many faculty. The faculty members use Microsoft Teams/Google forms to evaluate the students' continuous evaluation component through quizzes and tests. With a generous support from BVM Alumni Association, Institute has taken an initiative to reimburse the fees of MOOC courses taken up by the students against program electives, provided the score is above the benchmark as per the regulations framed by executive committee. This initiative encourages the students to learn online courses and perform well. Institute has sustained the practice of organizing online/offline learning beyond curriculum activities, including webinars/seminars/expert talks/workshops to make the students aware about recent trends in respective field. With an extensive support from parent management and Alumni spread across the world, the infrastructure of the institute also has been upgraded to facilitate such activities.

Extended Profile

1.Programme	
1.1	17
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1	2756
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	692
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3	2753
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	631
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	156
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:	203
4. Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	453
4.2 Total number of Classrooms and Seminar halls	66
4.3 Total number of computers on campus for academic purposes	1175
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	578.78

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.

Our curriculum is a dynamic, adaptable framework designed to address the evolving needs of students, technological advancements, and specific program goals. It is shaped by multiple inputs, including AICTE's Model Curriculum, GTU guidelines, industry feedback, alumni insights, and global education trends.

The curriculum spans a broad spectrum of subjects—from humanities, social sciences, and management to foundational and advanced engineering sciences. It also includes core courses, electives, projects, and non-credit courses. Each course is carefully crafted with clear objectives, ensuring alignment with our Program Outcomes

(POs) .

We ensure strong integration between Course Outcomes (COs) and Program Outcomes (POs), with a minimum of two courses contributing to each PO. Additionally, each academic program defines 2-3 Program Educational Objectives (PEOs), which are assessed through alumni performance over a 3-4 year period.

The development and continuous refinement of our curriculum is a collaborative process, driven by these criteria and informed by extensive consultations with stakeholders, ensuring relevance at local, national, regional, and global levels.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://bvmengineering.ac.in/common_page1.aspx?page_id=8205

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

7

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

631

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	View File
Any additional information	View File

1.2 - Academic Flexibility

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

156

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

17

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

Our curriculum is designed to comprehensively address cross-cutting issues that are crucial for holistic education and responsible

citizenship. Courses on Professional Ethics and Human Values are integrated into the curriculum, including a mandatory course titled “Ethics and Constitution of India,” which ensures that every student is well-versed in the ethical and constitutional framework of the country. Additionally, courses such as English and professional soft skills are included to enhance communication and overall personality development.

Gender sensitivity and human values are promoted through various courses and activities embedded within the curriculum of individual programs, preparing students to approach their professional and personal lives with empathy and ethical responsibility.

Environmental awareness and sustainability are central to our educational philosophy. The B.Tech. Programs include an institute-wide core course on Environmental Sciences. Furthermore, additional program-specific courses are incorporated to educate students on environmental challenges and sustainable solutions. Through these courses, students gain a deep understanding of the importance of preserving and restoring the environment.

Practical learning is further reinforced through mandatory internships (4 to 6 weeks) and hands-on experience in major and minor projects. These projects, which may be industry-based or conducted within the institute, ensure that students engage with real-world problems, fostering skills that are critical for professional growth and environmental stewardship.

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

4

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	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**232**

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**1463**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

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	https://bvmengineering.ac.in/NAAC/AQAR-3/Criteria1/1.4/1.4.1/1.4.1 Stackholder feedback report.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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	https://bvmengineering.ac.in/NAAC/AQAR-3/Criteria1/1.4/1.4.1/1.4.1 Stackholder feedback report.pdf
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

736

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)

279

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.

Student learning levels are assessed through continuous evaluations, including ongoing assessments, exams, end-semester exams, term work, assignments, tutorials, quizzes, project work, and practical exams. This holistic approach views assessment as an essential part of the teaching-learning process. Performance of students in continuous assessment distinguish them among advanced learner and slow learners.

Advanced learners are encouraged to participate in tech-fests, hackathons, technical events, seminars, conferences, intercollegiate competitions, and paper publications. GATE coaching classes, seminars, and workshops are also organized specifically for students interested in pursuing higher studies. Institute has established academic collaboration with national and international universities. Therefore, advanced learners have opportunity to pursue summer internships in national and international universities.

Slow learners supported by collective actions planned and implemented at both the institute and department levels. Slow learners receive care through bridge course, remedial classes, NPTEL videos, and online reading materials. Special coaching is provided through makeup classes for students joining through lateral entry.

Each faculty counsellor is assigned a group of around 30 students to monitor and mentor their academic progress, as well as their participation in co-curricular and extracurricular activities. Institute also provides equal opportunities to advanced and slow learners by conductive cultural event, sports week, training and placement activities and many more to nurture their holistic development and growth.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bvmengineering.ac.in/documents/2_D%20to%20D%20MAKEUP%20CLASSES%20TIME%20TABL_E%20_2024-25.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	2856	156

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:

Student-centric methods like experiential learning, participative learning, and problem-solving methodologies are practiced by the use of digital smart boards in teaching, tutorials, active learning assignments, and collaborative learning methods, including MOOCs and NPTEL video lectures. Digital platforms are used to conduct quizzes, presentations, and technical competitions/co-curricular activities.

Experiential learning bridges theory and practice, immersing students in real-world applications through hands-on activities, lab sessions, industry interactions, concurrently, workshops, trainings, seminars, and guest lectures are provided to support learning beyond the curriculum. Programs like summer internships after the 4th and 6th semesters,

Problem-solving methodologies, meanwhile, sharpen critical thinking by challenging students to analyze complex issues, propose innovative solutions, and make data-driven decisions. Project-Based Learning through both minor and major projects, technical paper writing, and project expos are also practiced. Industry-Institute Interaction and a strong student support system play crucial roles in carrying out student-centered activities.

Students may enroll in NPTEL courses of personal interest in place of Open Electives (OE) or Program Electives (PE) offered by the institute, with earned credits transferred to their grade cards. Typically, Saturdays are dedicated to learning beyond the curriculum, with a series of activities such as workshops, webinars, and training programs, conducted in either online or offline modes by each department to further enhance learning outcomes. Together, these methods cultivate a robust, interactive, and engaging learning journey that prepares students with skills and knowledge directly transferable to their future careers.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

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

The rapid advancements in technology have accelerated the adoption of ICT tools enhance teaching and learning by providing interactive, flexible, and accessible resources that enrich understanding and engagement and provide leverage to the faculty members.

ICT driven methodologies, including use of multimedia aids like LCD projectors and internet-enabled smart boards, are actively used. Online resources such as SWAYAM, NPTEL, IIRS, COURSERA, SPOKEN TUTORIAL, Digital Library, audio-visual aids are also used effectively. Online assessments tools such as Google Forms or MS Teams are integrated into the curriculum. The central library provides a wide range of books, journals, e-journals, and e-books as valuable learning materials.

Digital boards, PowerPoint presentations, and videos offer students an enriched audio-visual learning experience, while virtual labs support hands-on understanding of laboratory experiments. Additionally, an in-house ERP system streamlines processes from admission, term registration, open-elective course selection to examination.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://bvm.gnums.co.in/Login.aspx
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

86

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

This advance academic planning of semester helps students and faculty to align effectively with the academic schedule. Therefore, the academic calendar, published and shared well in advance, includes all essential academic events, such as registration dates, semester start dates, mid-semester exams, remedial/special exams, end-semester exams, and reading vacations, ensuring clarity before each semester begins. The institute prioritizes consistency across all academic programs, creating a unified semester structure. Induction programs and bridge courses are offered for first-year students to help them adjust to the new environment, while makeup classes support students joining through lateral entry. Adherence to the academic calendar is maintained through audits and meetings at the department and institute levels, led by the academic/exam section.

Comprehensive teaching plans are carefully designed at both macro and micro levels to ensure structured learning and to meet desired educational outcomes. Detailed teaching plans at macro, including topics, sub-topics, and assessment weightage, are prepared and shared by each course coordinator to achieve desired learning outcomes. Each faculty member creates a course file with a

timetable, teaching plan, syllabus coverage, and chosen teaching methods and pedagogies.

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

156

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

60

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)

2410

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

92

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

306

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

The examinations system is as per the guidelines from Government/AICTE/UGC. The academic council forms the academic/examination rules and regulations. The evaluation includes two major components: Continuous and End Semester Evaluation with two segments i.e. theory and practical. The continuous evaluation - theory, involves two mid examinations, followed by remedial/special exams. Two components in continuous evaluation: assessment through quiz, assignment, attendance and continuous evaluation through practical/term work. The examination system is based on relative grading system. The exams are conducted as per guidelines from office of Controller of Examinations (CoE). For end semester examinations, CoE office invites proposed examiners panel from Chairmen, Board of Studies. The CoE in consultation with BoS Chairmen approves names of examiners and appoints examiners. The CoE office manages central assessment hall, results work, issuing of grade cards, transcripts,

provisional degree certificates and other documents.

The institute has used the in-house developed ERP system in Odd semester, AY2023-24 and switched over to New customized ERP from Even semester. The ERP system is able to perform following tasks: Submission of exam form, online payment of exam fees, generation of admit cards, seating arrangement, attendance sheet, marks sheet, marks entry of all components, preparation of histogram, applying grade boundaries based on relative grading system, allotment of grades, result preparation, SPI-CPI calculation, grade card, transcripts, academic/exam related certificates. All these processes are done and runs smoothly under the guidance, coordination and supervision of CoE.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvm.gnums.co.in/Login.aspx

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

With reference to the need of the educational system and inline with the implementation of NEP – 2020, the Outcome Based Education (OBE) is implemented and is in practice at the institute. The PEOs (Program Educational Objectives), PSOs (Program Specific Outcomes), and COs (Course Outcomes) are of prime importance for the academic framework and they are designed to align with the vision and mission statements of the institute.

Course outcomes (COs) are specific and measurable parameters which defines the competency of the students after completing a particular course. They are also measurement of the effectiveness of teaching learning mechanism including the knowledge acquired by the students

Each CO is aligned and tuned to Programme Outcome (POs) and they are measured at the end of the course evaluation through the various assessment tools. COs for all the courses are defined and mentioned clearly in all the courses and available on institute website. POs, PEOs, PSOs along with Vision & Mission statements of Institute and department are also displayed at appropriate places in the campus including website and notified amongst all the stockholders including faculty members, staff and students. Further, Vision &

Mission statements, All POs, PSOs, and COs of specific laboratory courses are printed on lab manuals and term work files for the awareness. The attainment of COs, POs and PSOs is calculated in every semester using the established process which in turn helps to improve the teaching learning mechanism and to thus to achieve the goal of outcome based education.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://www.bvmengineering.ac.in/documents/24_Civil%20BE%20BOOK%202021.pdf

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

The curriculum of all the courses of all offered programs are based on the guidelines from AICTE/UGC as per the need of the society. Each course is equipped with the course outcomes (Cos) which are mapped with the program outcomes (Pos) and program specific outcomes (PSOs). The course articulation matrices are also prepared for all the courses which includes the mapping of COs with POs and PSOs with reference to the need of course objectives. The various parameters are taken into consideration like teaching and assessment schemes, modules / topics and sub topics, weightage of topics by hours and marks, pedagogy, teaching tools etc. For the attainment phase, the COs for a course are measured by tools: (i) The Direct Assessment Tools namely, performance in examinations namely Continuous Evaluation - Mid semester Exams and End Semester exams and, (ii) The Indirect Assessment Tools namely, Exit survey, graduate survey, feedback forms from students.

The mapping of COs with POs through attainments are computed at the end of every semester. A qualitative analysis is done by the course coordinator/convener. The observations, action taken and recommendations are reported based on the proposed and actual attainment and need of the course.

A detailed analysis of the attainment levels is done by the individual departments for further improvement to achieve better attainments to enhance the quality of teaching learning process which in turn shall be helpful to prepare industry ready graduates.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvmengineering.ac.in/naac/AQAR-3/Criteria2/2.6/2.6.2/4SE01_C0.pdf

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

691

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://bvmengineering.ac.in/common_page1.aspx?page_id=3135

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://bvmengineering.ac.in/naac/AQAR-3/Criteria2/2.7.1.pdf>

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 has taken significant steps to encourage faculty members to engage in research and have implemented policies and guidelines that provide the necessary support and resources for their research endeavors. Currently, we have a total of 157 faculty members, out of which 65 have already completed their Ph.D. degrees. Additionally, 39 faculty members are pursuing their Ph.D. degrees from renowned institutions such as IITs under the QIP program,

reputed universities, and other institutions. To further support our research activities, the Institute has developed Eight Centre of Excellences and high end laboratories which are used for curriculum aspects and also to address the students' start-up innovation, industry defined projects, including industry consultancy projects and for research purposes. Also, it is expected to play a pivotal role in catalysing multidisciplinary/ transdisciplinary and translational research culture mandates in NEP 2020.

The Gujarat Government has sanctioned a grant of INR 40.00 lakh for the tenure of 2022-2027 to our Institute's SSIP centre and out of that the centre has received Rs. 20.00 lakh for patents, projects, and student start-ups. Furthermore, the Institute has signed Memorandums of Understanding (MOUs) with more than 78 industries, national and foreign universities. These collaborations aim to strengthen our research activities.

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	https://bvmengineering.ac.in/R%20&%20D%20Cell/9%20Policy/1%20Research_Policy.pdf
Any additional information	No File Uploaded

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)

18.78

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	No File Uploaded
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)

30 . 86

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	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

32

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

02

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://bvmengineering.ac.in/naac/AQAR-3/Criteria3/3.2/3.2.4/AQAR-3-3.2.4_2.pdf
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.

Birla Vishvakarma Mahavidyalaya has made remarkable progress in promoting academic autonomy, innovation, and knowledge sharing. The strong backing from its large Alumni Association is a key asset, and leveraging the global presence of its alumni strengthens the institute's ecosystem. The curriculum, aligned with AICTE and NEP 2020 guidelines, fosters creativity and experiential learning,

supported by a teaching process that promotes innovation. The institute's many Memoranda of Understanding (MOUs) with prestigious universities, industries, and research organizations highlight its commitment to collaboration and interdisciplinary work. The faculty members were taken training in industries for two weeks of periods. The institute got the extension of autonomous status for a period of 10 years from the academic year 2021-22 to 2030-2031 by standing committee on Autonomous colleges.

With more than 60 patents, including 15 national and one international, as well as over 16 student-led start-ups, the institute underscores its dedication to research and development. Students are engaged in industry-driven projects, contributing positively to society. The open access to research labs and a research-friendly environment further enhance this focus. Additionally, the use of digital resources, such as IEEE, ASME, Scopus, and e-books, reflects a forward-thinking approach to education. Overall, the institute fosters a comprehensive academic and research environment that integrates innovation, collaboration, and digital tools, aiming to develop a robust research ecosystem in line with NEP 2020.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/RnD.aspx?page_id=3193

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

160

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in **A. All of the above**

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

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

03

File Description	Documents
URL to the research page on HEI website	https://bvmengineering.ac.in/RnD.aspx?page_id=3193
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

48

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

70

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/naac/AQAR-3/Criteria3/3.4/3.4.4/3.4.4_Any%20additional%20information.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

35

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

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

3

File Description	Documents
Bibliometrics 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)

90.87

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

181.44

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 Institute organizes a wide range of extension activities and programs to ensure the overall development of students. These activities are offered through various clubs, societies, NCC (National Cadet Corps), and NSS (National Service Scheme). BVM College regularly conducts awareness and extension programs, including literacy campaigns, blood donation drives, environmental initiatives, tree plantations, women's empowerment events, entrepreneurial development workshops, and personality and leadership training.

The institution also hosts induction programs for first-year

students, where students, along with their faculty mentors, visit nearby villages and industries. Many students and faculty from BVM College actively participate in the NGO "BACHHPAN," working to uplift underprivileged communities.

The college's NCC is particularly active, with three wings: Army, Air, and Navy, providing opportunities for students to engage in holistic development and encouraging them to become responsible citizens. Additionally, the Institute has organized rallies and seminars on gender sensitization, promoting awareness and understanding of gender equality. These initiatives educate participants on the important roles women play in society, fostering a culture of inclusivity and respect for all.

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

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

101

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	No File Uploaded

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)

59

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

4445

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

442

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)

41

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	No File Uploaded

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 BVM campus encompasses an area of 18.96 acres, featuring various outdoor gamefacilities and an indoor stadium, along with a stage. The institution is equipped with state-of-the-art infrastructure, including classrooms, tutorial rooms, laboratories, drawing halls,

workshops, libraries, faculty offices, conference and seminar halls, an auditorium, a Learning Resource Utilization Centre (LRUC), an administrative block, and a canteen.

The aggregate area allocated for undergraduate and postgraduate classrooms, drawing halls, libraries, seminar halls, tutorial rooms, and studio spaces is 6843.79 square meters. Laboratories for undergraduate and postgraduate programs, a computer center, workshops, and tinkering labs occupy 9186.75 square meters.

The principal's office, along with various faculty and administrative spaces, covers an area of 2444.27 sqmts.

Additional facilities include an alumni office, common rooms for both boys and girls, toilet blocks, a canteen, a sports club and gym, maintenance room, housekeeping, security, and a first aid and medical room, totaling 1416.19 sqmts.

The library boasts a collection of 72392 books, 108 journals, and 288 e-books, along with reprographic services, a digital library, and reading rooms. An RFID system enhances operational efficiency for students and staff.

The campus is equipped with adequate computing facilities, providing a total internet bandwidth of 100 Mbps apart from NAMO Wi-Fi 100Mbps, complemented by complete Wi-Fi connectivity.

Additionally, a healthcare center is conveniently located near the campus, and dedicated spaces are allocated for Centers of Excellence, SSIP, an Incubation Centre, and a Training & Placement Centre.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/central_facilities.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.)

Cultural & sports activities are part and partial of BVM Engineering college, since inception. They are intended to nurture talents of students in both cultural as well as sports and games. These

opportunities are taken by the students to enhance social, physical and mental well-being as well as leadership qualities.

Facilities for outdoor activities like basketball court, Badminton courts, Volleyball, cricket, hockey, Kho-Kho, Kabaddi and handball are available. Indoor sports complex having facility for indoor activities like badminton courts, table tennis, billiards tables, gymnasium, yoga centre is available.

Cultural activities: where in BVM has earned many accolades include Dance, Music, Fine arts, Literary and theatre etc. Cultural activities are managed by the Cultural committee. They have won prizes in competitions like Kala Mahakumbh, XITIJ -zonals, XITIJ-Interzonals, Amul Volcano.

Sports activities at the institute are being managed under the guidance of faculty in-charges and student's coordinators. BVM students are active in sports and games as well.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://bvmengineering.ac.in/central_facilities.aspx

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

66

File Description	Documents
Upload any additional information	View File
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)

545.11

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

Library is automated using Integrated Library Management System (ILMS)

Data Requirement for last One years: Upload a description of library with

? Name of the ILMS software: SOUL

? Nature of Automation: Library is a Fully Automated

? Version: 2.0.0.12

Library has a book collection of 72,232 books Plus 288 E- books (Total Books 75,520) (as on 01.03.2024), and for proper organization of the library material, library has purchased software, 'SOUL' Library Software which is a cloud hosting on Microsoft azure. Software is upgraded time to time against the regular Annual Maintenance Contract. One terminal is reserved for students to search information of availability and issue of Books. Web based Library Software with Web OPAC, Email & SMS Alert etc. (Online Public Access Catalogue- OPAC) and Single Window Where Complete Information about the Users Along With Circulation Status, Fine Status, Contact Details, Reading & circulation History etc.

Varies types of reports can be generated with the use of above mentioned software which is useful for various committees and inspections from time to time. Book database is created along with user's database.

Issue return process is fully automated and manual cards are kept as supporting documents for students and faculty. NPTEL Facilities provide for students & Staff.

Bar-coding used: Yes

Book issue and return is carried out with the help of barcode system. Each book and user's borrower card is bar coded.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/Library.aspx?page_id=49

4.2.2 - Institution has access to the following: e- A. Any 4 or more of the above journals e-ShodhSindhu Shodhganga

Membership e-books Databases Remote access to e-resources

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)

24.49

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

547

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 institute has LAN facility through which all the departments, Examination centers and library are interconnected. The wi-fi facilities is also available in the campus for the faculties and students.

Two Manageable switches and 34 data network switches connected through 6 core fiber from the main server room to each block separately. There are 5 POE network switches and 14 data network switches for access points and point to point wireless connectivity in entire campus and hostel. There is a Mikrotik Router switch and one Layer 3 Switches for firewall and managing of internet, intranet, CCTV cameras and content filtering for 2000 users simultaneously. 100 Mbps of internet connectivity provided by institute is shared across the campus, along with additional 100 Mbps of NAMO wi-fi.

Latest Server facility available at institute with newly received PowerEdge R550 server and Tyrone server under the RPS grant of the AICTE. Institute has sufficient license software, Application Software and freeware software for academic and administrative purposes.

There are 131 Printers and scanners across the campus for academic and administrative purposes. All the desktops systems are updated and maintained regularly through the Internet, servers and anti-viruses. All access points are routed to a Wi-Fi controller in the IT Center where configuration and updates are maintained in a centralized fashion.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/central_facilities.aspx

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2756	1175

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus
A. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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
A. All four 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)

545.11

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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 Infrastructure Planning and Support Committee, to ensure the adequacy and maintenance of campus infrastructure. This committee is responsible for overseeing the maintenance of essential services such as the water-supply system, sewage disposal, solid and chemical waste management, building and equipment repairs, and electrical maintenance. The underground sewerage system at BVM is connected to the Vallabh Vidyanagar municipality's manhole outside the campus, ensuring proper sewage disposal. The water-supply system comprises overhead water tanks with a capacity of 400,000 liters, borewells, and reverse-osmosis (RO) and ultraviolet (UV) purification systems. Additionally, the campus features recharging wells and rainwater harvesting systems to promote sustainability. To enhance safety, fire-extinguishers are strategically placed throughout the campus in readiness for emergencies. The institution also maintains a 125KVA backup electrical power-supply to address power outages, with maintenance managed by the Electrical Department. To further promote green initiatives, a rooftop solar panel system with a capacity of 105KVA has been installed. The campus is equipped with CCTV surveillance cameras positioned in critical areas to deter undesirable activities and uphold discipline. An annual budget is allocated for the repair and maintenance of equipment, computers, and facilities. With a separate budget dedicated to infrastructure maintenance. Comprehensive general insurance covers buildings, furniture, equipment, and computers, while an Annual Maintenance Contract (AMC) is in place for infrastructure upkeep, lifts, RO/UV systems, and fire extinguishers. The Mechanical Department oversees the repair and maintenance of air conditioning systems. While the IT Department manages computer repairs and campus-wide networking, both wired and wireless.

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

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

799

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

107

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	https://bvmengineering.ac.in/index.aspx
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

728

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted 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	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

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

393

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

69

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

66

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

21

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 Birla Vishvakarma Mahavidyalaya (BVM) is a thriving community that promotes holistic development in addition to being an academic institution. The BVM Central Committee, which is in charge of a variety of extracurricular events, is at the center of this lively culture. The committee gives students the freedom to take charge and plan activities that appeal to a range of interests while being supervised by ex-officio staff.

Through groups like Women's Cell, Minority Cell, NSS, and NCC, BVM encourages students to get involved in social projects outside of the classroom. With the help of these platforms, students can gain leadership experience, strengthen their sense of social responsibility, and give back to the community.

Additionally, the BVM Central Committee is essential in greeting incoming students and helping them adjust to college life. The committee makes sure that newcomers feel welcome and actively engage in the BVM community by planning orientation programs and acquainting them with the wide variety of activities available on campus.

BVM is essentially dedicated to developing well-rounded people. Students are empowered to thrive not only academically but also socially and culturally by the institution's promotion of an active involvement culture.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/common_page1.aspx?page_id=1129

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

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

The BVM Alumni Association, a global network of over 15,000 alumni, was founded in 1962. Its primary mission is to strengthen alumni relationships, foster connections with the institute, and contribute to the betterment of the community.

Since its inception, the association has been actively involved in various initiatives. These include supporting student scholarships, facilitating industry-academia collaborations, donating books and journals, organizing cultural events, and providing training and placement assistance. The association also plays a crucial role in organizing key events such as welcome functions for incoming students and farewell ceremonies for graduating students.

BVM Alumni hold prominent positions in renowned institutions worldwide, including top universities, national laboratories, ISRO, government and defense establishments, and multinational corporations. Their expertise and experience contribute significantly to the association's efforts in shaping the future of the institute and its students.

By recognizing and rewarding deserving students with merit prizes, silver medals, and gold medals during annual day celebrations, the BVM Alumni Association further inspires academic excellence and motivates future generations of engineers.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvmalumni.ac.in/

5.4.2 - Alumni's financial contribution during the year **A. ₹ 15 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

Chairman of Charutar Vidya Mandal, the institution's parent organization. The BoG delegates authority to the Principal, who serves as Member Secretary, to implement policies and strategies aligned with the institution's vision, mission, and core values. This is achieved through collaborative planning with Heads of Departments, Deans, and various committees, ensuring operational efficiency. Our administrative setup prioritizes autonomy, openness, transparency, and accountability, striking a balance between freedom and responsibility. BVM aims to produce globally employable, innovative engineers rooted in core values. This vision is supported by prestigious World Bank-assisted projects, including TEQIP-II and TEQIP-III, which led to UGC Autonomy in 2015-16, extended until 2030-31. Faculty members are vital stakeholders, and their participation is encouraged in all aspects of institutional life, fostering a collaborative and inclusive environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvmengineering.ac.in/index.aspx

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

Our institute fosters a collaborative management culture, where key academic and administrative decisions are made through regular meetings between the Principal and Heads of Departments (HODs) and deans of various faculties. Our Deans oversee the following areas:
Dean Academics: Academic planning, coordination, and management,
Dean Faculty Affairs: Human resource management, Dean Student Affairs: Co-curricular and extracurricular activities, Dean

Administration: Smooth administrative operations, **Dean Research and Development:** Enhancing research and development initiatives, **Dean Industry Institution Interaction:** Fostering industry partnerships **Committees for Institute Development.** To ensure seamless functioning and growth, various committees have been established, each with well-defined roles, responsibilities, and objectives, available on our website. We encourage student involvement through the Student Central Committee, led by selected Student Representatives and various student chapters from the International and National professional societies at BVM.

The Internal Quality Assurance Cell (IQAC) under CAS has worked on the following: Compiled and vetted lists of faculty eligible for Academic Grade Pay (AGP) advancement, aligned with AICTE recommendations and DTE rules. Forwarded the list to DTE for approval through the Principal. Prepared and scrutinized lists of faculty eligible for re-designation following AGP movement approval, Submitted the list to the Board of Governors (BoG) for approval.

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://bvmengineering.ac.in/common_page1.aspx?page_id=1129

6.2 - Strategy Development and Deployment

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

Institutional Achievements and Strategic Plan: BVM Engineering College has articulated and implemented a clear strategic plan, achieving numerous milestones, including: World Bank-assisted projects TEQIP-II and III NAAC accreditation of cycle 1 with A Grade and NBA, Academic autonomy by UGC, Mentoring for the course work of the subjects Research Methodology and Research & Publication Ethics to PhD research scholars registered at Dr Subhash University, Junagadh, Top 10 TEQIP-III institutes in India, Effective utilization of TEQIP III funds, extended to 2021-22, Established policy for fund utilization BVM has made its mark nationally and internationally by: Developing passionate and committed learners for the global environment, Fostering creativity, innovation, and

entrepreneurship, Receiving prestigious state government projects like SSIP, Earning appreciation awards from the Gujarat government and national technical bodies like AICTE and GTU, Establishing 8 Centers of Excellence, The students' internship with foreign universities, a member of the BRICS Universities Association from 29th November, 2023.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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 institution's various bodies function efficiently, facilitated by: Clear policies and administrative setup, Well-defined appointment and service rules, and Established procedures. The Board of Governors (BoG) policies and directions are implemented through the principal, Academic Councils, Heads of Departments (HoDs), Deans, Controller of Examinations, Professor-in-charge of the Library, Various committees, BoG decisions are communicated through the Principal to: Academic Council, HoDs, Deans, Academic Committee, Controller of Examinations, Professor-in-charge of Library, Various committees. The Academic Council, chaired by the Principal, oversees academic matters, providing guidance and decision-making. Heads of Departments receive directives from the Principal and execute them through departmental teams comprising faculty and supporting staff. The institution has Academic and Administrative Committees, Statutory committees, and Sub-committees to continuously monitor academic and administrative activities. Staff benefits include: Monetary benefits for deputations and research projects, Reimbursement of fees, Rewards system, Pay commission recommendations (implemented by Gujarat Government).

File Description	Documents
Paste link to Organogram on the institution webpage	https://bvmengineering.ac.in/naac/AQAR-3/Criteria6/6.2/6.2.2/6.2.2_Organogram%20of%20the%20Institution%20webpage.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

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) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

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

Our institution prioritizes the well-being and growth of teaching and non-teaching staff, offering: Group Insurance Scheme for all staff, Career Advancement Scheme (CAS) for teaching staff, driven by the State government, Comprehensive leave policies: Maternity leave, Paternity leave, Earned leave, Retirement benefits: Pension, Family Pension, National Pension System (NPS), Voluntary Retirement Scheme (VRS) option, Staff quarters within nearby college premises, provided by Charutar Vidya Mandal (CVM), Access to medical facilities: Doctor on campus, Basic medical facilities, provided by CVM, Credit society for personal financial support, Leave Travel Concession (LTC) facility, Our institution is committed to providing a supportive work environment, fostering growth and well-being for all staff members.

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

7

File Description	Documents
Upload any additional information	View File
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

21

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.)

275

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

Internal Audit: The institution maintains a continuous internal audit process, ensuring transparency and accountability. This involves the appointment of qualified external internal auditors annually. Qualified professional Internal Auditors from external resources have been appointed every year and a team from CVM (Parent Institution) also does a thorough annual check and verification of all Financial aspects, receipts & journal vouchers of the transactions cashbooks, ledger account reviews that are carried out in each financial year on an accrual basis system. CVM conducts the internal audit of the college every financial year. Annual thorough checks and verification by the Charutar Vidya Mandal (CVM) team. Scope of audit:- Financial aspects, Receipts, Journals, Vouchers, Cashbooks, Ledger account review, Actual basis accounting system,

External Audit: The financial records are audited by qualified chartered accountants at the end of each fiscal year and the balance sheet is certified. The External audit was carried out by AG (accountant general) audit and DTE (Director of Technical Education, Gujarat) Audit. In case of any audit objections, a written clarification along with supporting documents/vouchers/bills/receipts /certificates/ are submitted to the Audit team to account for the expense incurred or funds used appropriately according to the head for which they were allocated.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/common_page1.aspx?page_id=83

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)

144.85

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

The institute has a robust mechanism for mobilizing funds and ensuring effective utilization

of financial resources for infrastructure development and academic support.

Key Features:

- 1. Budget planning for academic, curricular, and co-curricular activities.**
- 2. Governance oversight: Major financial transactions verified by the governing body.**
- 3. AMC/Rate contracts for maintenance, procurement, etc.**

Procurement Process:

- 1. Budget approval by governing body.**
- 2. Departmental heads initiate purchasing process with account officer.**
- 3. Quotations invited, negotiations conducted, and purchases made.**
- 4. Orders placed, payments released upon delivery.**
- 5. Bill payments processed after testing and verification.**

Monitoring and Oversight:

1. Departmental heads.

2. Principal.

3. Account section.

Financial Audit:

Conducted annually by a chartered accountant to ensure compliance.

Financial Management Objectives:

1. Transparency.

2. Efficiency.

3. Accountability.

File Description	Documents
Upload any additional information	View File
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 IQAC plays a vital role in institutionalizing quality assurance strategies, fostering a culture of excellence, and driving incremental improvements. Inculcate a quality culture aligned with the institute's vision, ensuring stakeholders' commitment to excellence.

Key Objectives

1. Develop and institutionalize best practices.

2. Enhance teaching-learning outcomes.

Quality Measurement Activities

1. Academic Audit

- Course files prepared by faculty members (semester-wise).
- Academic committee reviews course files (HOD, course coordinator, senior faculty).
- Feedback provided to faculty members.

2. Student Feedback and Counselling

- Semester-end feedback collected from students (course-wise).
- Feedback conveyed to course coordinators.
- Faculty counsellors mentor 30-35 students each.
- Industrial training and career counselling encouraged.

IQAC actively contributes to:

- 1. National Board of Accreditation (NBA).**
- 2. National Institutional Ranking Framework (NIRF).**

Enhanced teaching-learning outcomes through:

- 1. Improved course quality.**
- 2. Student-centric approach.**
- 3. Faculty development.**
- 4. Industry-ready graduates.**

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

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 institution's Internal Quality Assurance Cell (IQAC) facilitates periodic reviews of its teaching-learning process, structures, methodologies, and learning outcomes.

Curriculum Design and Development

The institution follows an Outcome-Based Education (OBE) approach, involving:

1. Industry Consultative Committee (ICC) input
2. Board of Studies (BoS) review
3. Academic Council approval
4. Expert feedback from alumni and distinguished subject experts
5. Incorporation of stakeholder suggestions

Curriculum Composition

The curriculum includes:

1. Basic and fundamental science courses
2. Humanities
3. Management
4. Programme core and elective courses
5. Open elective courses
6. Non-credit courses: Environmental Science and English

Exam Reforms

The Academic Executive Committee (AEC) ensures question paper quality, acting as a buffer between BoS and Academic Council.

Quality Assessment

1. Semester-end evaluation of question papers**2. Feedback provided****3. Course coordinators calculate:**

- Direct attainment levels of Course Outcomes (COs)
- Attainment levels of Programme Outcomes (POs)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/NAAC/IQAC/IQAC%20committee%202020-21.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 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)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://bvmengineering.ac.in/NAAC/IQAC/IQAC%20document%20of%20BVM%20signed.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	View File

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

During the year, the institution took several proactive measures to promote gender equity, reflecting its progressive approach toward women's empowerment. A dedicated Women Development Cell (WDC) was actively engaged in initiatives addressing women's safety, health, and hygiene, ensuring the well-being of female members on campus. Equal opportunities were provided to female faculty and students, enabling their participation in academic, administrative, and extracurricular activities. The institution also prioritized a secure environment through the efforts of the Anti-Sexual Harassment Committee, which addressed grievances promptly. Female participation in decision-making was encouraged by appointing female representatives in key committees. To maintain a ragging-free environment, vigilant monitoring and robust security measures were implemented, particularly in hostels, ensuring the safety and comfort of all female residents. These measures collectively reflect the institution's unwavering commitment to fostering a gender-equitable environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvmengineering.ac.in/wdc.aspx?page_id=3191

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

A. Any 4 or All of 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)

· Effective Solid Waste Management: The campus ensures efficient waste management by placing adequately labeled bins for Dry Waste and Wet Waste at strategic locations. Dry solid waste is collected by sweepers and deposited in a designated collection pit within the premises. The Municipality subsequently manages the collection and

disposal process.

- **Efficient Liquid Waste Management:** The campus is equipped with a well-maintained sewer network, seamlessly connected to the Municipality's sewer system for effective treatment and disposal of liquid waste.
- **Biomedical Waste Handling:** No biomedical waste is generated within the campus. Healthcare needs are addressed by a nearby parent management-run health center, which ensures proper and responsible disposal of any biomedical waste generated.
- **Responsible E-Waste Management:** Dedicated E-Waste bins are strategically placed on campus for the collection of electronic waste. Any irreparable hardware is responsibly disposed of through registered vendors, adhering to established protocols set by the management (CVM).
- **Hazardous and Radioactive Waste Disposal:** The campus does not generate or receive hazardous or radioactive waste, maintaining a safe and environmentally sustainable environment.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
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	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
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:

A. Any 4 or all of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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.

A. Any 4 or all 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	No File Uploaded

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).

The institution is dedicated to fostering a campus environment enriched with cultural, regional, linguistic, communal, and socio-economic harmony. A variety of initiatives are implemented to promote these values, creating an inclusive atmosphere that celebrates diversity.

National events like Republic Day and Independence Day witness enthusiastic participation from students, faculty, and staff, instilling a sense of patriotism and unity. Cultural engagement is encouraged through events such as the annual day, Fresher's Day, and Farewell Functions, strengthening the community spirit within the college.

Regional traditions are honoured during Navratri with vibrant Garba celebrations, promoting an appreciation for local cultural values. The institution also prioritizes physical and mental well-being by commemorating 'International Yoga Day' and 'National Unity Day,' the latter honouring Sardar Vallabh Bhai Patel's contributions. Celebrations of Teacher's Day, Engineer's Day, and Ambedkar Jayanti

inspire students to learn from the achievements of notable figures.

To provide holistic exposure, the institution organizes industrial visits for budding engineers to experience real-world work environments and village visits to sensitize students to the needs and challenges of rural communities.

In support of economically disadvantaged students, scholarships such as EBC, OBC free-ship, and SC/ST scholarships are facilitated through the SC-ST Cell, ensuring equal academic opportunities for all deserving students.

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:

The institution is deeply committed to instilling values and social responsibility in its students by organizing various activities that promote community engagement and awareness.

Students enthusiastically participate in initiatives such as Community Health Programs, Blood Donation Camps, Tree Plantation Drives, and Yoga Training Sessions. Their active involvement in celebrating national festivals and contributing to the Swachh Bharat Abhiyan reflects their dedication to health, cleanliness, and civic responsibility. Events like Environment Day highlight their commitment to environmental conservation and the institution also encourages active citizenship by organizing a Voting Pledge to instil democratic values among its members.

The NSS Unit organizes a Residential Camp that immerses students in rural life, helping them understand and address community needs. The institution also leads impactful social initiatives like the "Swachh Bharat Mission" and "Unnat Bharat Abhiyan," aimed at improving rural living standards.

A non-credit course on Constitution and Ethics sensitizes students to their civic duties, constitutional rights, and the importance of social harmony. Additionally, a mandatory course on Environmental Science equips students with essential knowledge of sustainability

and conservation practices.

The institution's involvement in the Vishwakarma Yojana project, focused on "Rurban" village development, further demonstrates its commitment to rural upliftment.

Through these multifaceted efforts, the institution nurtures socially responsible individuals, empowering students to contribute positively to society and lead meaningful change.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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 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

B. Any 3 of the above

File Description	Documents
Code of Ethics - policy document	View File
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	No File Uploaded

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

BVM takes great pride in celebrating various national and international days, events, and festivals, creating a vibrant and

inclusive environment that unites students, faculty, staff, alumni, and management with enthusiasm. Independence Day and Republic Day are observed with deep patriotic fervor, with the entire BVM community participating in flag-hoisting ceremonies to honor the nation.

On International Women's Day, BVM actively promotes gender equality and women's rights, underscoring the importance of building a society that upholds these fundamental values. Similarly, International Yoga Day is celebrated annually to inspire individuals to prioritize their physical, mental, and spiritual well-being.

BVM also organizing blood donation drives in collaboration with government-recognized blood banks, encouraging the spirit of social service.

The institution equally recognizes and celebrates the contributions of Sardar Vallabhbhai Patel, World Environment Day, Teacher's Day, Engineer's Day, Gandhi Jayanti, Ambedkar Jayanti and Swami Vivekananda Jayanti. using these occasions as opportunities to honour remarkable individuals and their lasting impact on society and the nation.

Through these observances, BVM fosters a culture of unity, inclusivity, and responsibility, aligning with its mission to nurture conscientious citizens who contribute meaningfully to society.

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

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

<https://bvmengineering.ac.in/NAAC/AQAR-3/Criteria7/7.2/7.2.pdf>

File Description	Documents
Best practices in the Institutional website	https://bvmengineering.ac.in/common_page1.aspx?page_id=3189
Any other relevant information	https://bvmengineering.ac.in/NAAC/AQAR-3/Criteria7/7.2/AQAR-3-7.2.pdf

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)

Aligned with BVM's vision and mission, its alumni are dispersed worldwide, forming one of the largest alumni associations with over 21,000 active life members established in 1972.

The primary objectives of the BVM Alumni Association encompass manifold facets:

- **Maintaining an extensive alumni database dating back to 1948.**
- **Offering financial support for student projects.**
- **Organizing Alumni meets to enhance coordination and connectivity.**
- **Catering to the financial needs of deserving students.**

Annually, the BVM Alumni Association publishes a newsletter that disseminates campus news within the alumni network. The association has made notable contributions, with alumni donations of 2.21 Crores during the April 2023 to March 2024 financial year.

Alumni has provided sponsorship for Merit prizes, scholarships, annual Tech Fest, UDAAN, project Expo and and other activities amounting to around 22,75,225.00 Lacs.

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.

Our curriculum is a dynamic, adaptable framework designed to address the evolving needs of students, technological advancements, and specific program goals. It is shaped by multiple inputs, including AICTE's Model Curriculum, GTU guidelines, industry feedback, alumni insights, and global education trends.

The curriculum spans a broad spectrum of subjects—from humanities, social sciences, and management to foundational and advanced engineering sciences. It also includes core courses, electives, projects, and non-credit courses. Each course is carefully crafted with clear objectives, ensuring alignment with our Program Outcomes (POs).

We ensure strong integration between Course Outcomes (COs) and Program Outcomes (POs), with a minimum of two courses contributing to each PO. Additionally, each academic program defines 2-3 Program Educational Objectives (PEOs), which are assessed through alumni performance over a 3-4 year period.

The development and continuous refinement of our curriculum is a collaborative process, driven by these criteria and informed by extensive consultations with stakeholders, ensuring relevance at local, national, regional, and global levels.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://bvmengineering.ac.in/common_page1.aspx?page_id=8205

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

7

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

631

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	View File
Any additional information	View File

1.2 - Academic Flexibility

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

156

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

17

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

Our curriculum is designed to comprehensively address cross-cutting issues that are crucial for holistic education and responsible citizenship. Courses on Professional Ethics and Human Values are integrated into the curriculum, including a mandatory course titled "Ethics and Constitution of India," which ensures that every student is well-versed in the ethical and constitutional framework of the country. Additionally, courses such as English and professional soft skills are included to enhance communication and overall personality development.

Gender sensitivity and human values are promoted through various courses and activities embedded within the curriculum of individual programs, preparing students to approach their professional and personal lives with empathy and ethical responsibility.

Environmental awareness and sustainability are central to our educational philosophy. The B.Tech. Programs include an institute-wide core course on Environmental Sciences. Furthermore, additional program-specific courses are incorporated to educate students on environmental challenges and sustainable solutions. Through these courses, students gain a deep understanding of the importance of preserving and restoring the environment.

Practical learning is further reinforced through mandatory internships (4 to 6 weeks) and hands-on experience in major and minor projects. These projects, which may be industry-based or conducted within the institute, ensure that students engage with real-world problems, fostering skills that are critical for professional growth and environmental stewardship.

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

4

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	No File Uploaded

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

232

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

1463

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the A. All 4 of the above

syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	https://bvmengineering.ac.in/NAAC/AQAR-3/Criteria1/1.4/1.4.1/1.4.1 Stackholder feedback report.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

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	https://bvmengineering.ac.in/NAAC/AQAR-3/Criteria1/1.4/1.4.1/1.4.1 Stackholder feedback report.pdf
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

736

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)

279

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.

Student learning levels are assessed through continuous evaluations, including ongoing assessments, exams, end-semester exams, term work, assignments, tutorials, quizzes, project work, and practical exams. This holistic approach views assessment as an essential part of the teaching-learning process. Performance of students in continuous assessment distinguish them among advanced learner and slow learners.

Advanced learners are encouraged to participate in tech-fests, hackathons, technical events, seminars, conferences, intercollegiate competitions, and paper publications. GATE coaching classes, seminars, and workshops are also organized specifically for students interested in pursuing higher studies. Institute has established academic collaboration with national and international universities. Therefore, advanced learners have opportunity to pursue summer internships in national and international universities.

Slow learners supported by collective actions planned and implemented at both the institute and department levels. Slow learners receive care through bridge course, remedial classes, NPTEL videos, and online reading materials. Special coaching is provided through makeup classes for students joining through lateral entry.

Each faculty counsellor is assigned a group of around 30 students to monitor and mentor their academic progress, as well as their participation in co-curricular and extracurricular activities. Institute also provides equal opportunities to advanced and slow learners by conductive cultural event, sports week, training and placement activities and many more to nurture their holistic development and growth.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.bvmengineering.ac.in/documents/2_D%20to%20D%20MAKEUP%20CLASSES%20TIME%20TABLE%20_2024-25.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/05/2024	2856	156

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:

Student-centric methods like experiential learning, participative learning, and problem-solving methodologies are practiced by the use of digital smart boards in teaching, tutorials, active learning assignments, and collaborative learning methods, including MOOCs and NPTEL video lectures. Digital platforms are used to conduct quizzes, presentations, and technical competitions/co-curricular activities.

Experiential learning bridges theory and practice, immersing students in real-world applications through hands-on activities, lab sessions, industry interactions, concurrently, workshops, trainings, seminars, and guest lectures are provided to support learning beyond the curriculum. Programs like summer internships after the 4th and 6th semesters,

Problem-solving methodologies, meanwhile, sharpen critical thinking by challenging students to analyze complex issues, propose innovative solutions, and make data-driven decisions. Project-Based Learning through both minor and major projects, technical paper writing, and project expos are also practiced. Industry-Institute Interaction and a strong student support system play crucial roles in carrying out student-centered

activities.

Students may enroll in NPTEL courses of personal interest in place of Open Electives (OE) or Program Electives (PE) offered by the institute, with earned credits transferred to their grade cards. Typically, Saturdays are dedicated to learning beyond the curriculum, with a series of activities such as workshops, webinars, and training programs, conducted in either online or offline modes by each department to further enhance learning outcomes. Together, these methods cultivate a robust, interactive, and engaging learning journey that prepares students with skills and knowledge directly transferable to their future careers.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

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

The rapid advancements in technology have accelerated the adoption of ICT tools enhance teaching and learning by providing interactive, flexible, and accessible resources that enrich understanding and engagement and provide leverage to the faculty members.

ICT driven methodologies, including use of multimedia aids like LCD projectors and internet-enabled smart boards, are actively used. Online resources such as SWAYAM, NPTEL, IIRS, COURSERA, SPOKEN TUTORIAL, Digital Library, audio-visual aids are also used effectively. Online assessments tools such as Google Forms or MS Teams are integrated into the curriculum. The central library provides a wide range of books, journals, e-journals, and e-books as valuable learning materials.

Digital boards, PowerPoint presentations, and videos offer students an enriched audio-visual learning experience, while virtual labs support hands-on understanding of laboratory experiments. Additionally, an in-house ERP system streamlines processes from admission, term registration, open-elective course selection to examination.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://bvm.gnums.co.in/Login.aspx
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

86

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

This advance academic planning of semester helps students and faculty to align effectively with the academic schedule. Therefore, the academic calendar, published and shared well in advance, includes all essential academic events, such as registration dates, semester start dates, mid-semester exams, remedial/special exams, end-semester exams, and reading vacations, ensuring clarity before each semester begins. The institute prioritizes consistency across all academic programs, creating a unified semester structure. Induction programs and bridge courses are offered for first-year students to help them adjust to the new environment, while makeup classes support students joining through lateral entry. Adherence to the academic calendar is maintained through audits and meetings at the department and institute levels, led by the academic/exam section.

Comprehensive teaching plans are carefully designed at both macro and micro levels to ensure structured learning and to meet desired educational outcomes. Detailed teaching plans at macro, including topics, sub-topics, and assessment weightage, are prepared and shared by each course coordinator to achieve desired

learning outcomes. Each faculty member creates a course file with a timetable, teaching plan, syllabus coverage, and chosen teaching methods and pedagogies.

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

156

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

60

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)

2410

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

92

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

306

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

The examinations system is as per the guidelines from Government/AICTE/UGC. The academic council forms the academic/examination rules and regulations. The evaluation includes two major components: Continuous and End Semester Evaluation with two segments i.e. theory and practical. The continuous evaluation - theory, involves two mid examinations, followed by remedial/special exams. Two components in continuous evaluation: assessment through quiz, assignment, attendance and

continuous evaluation through practical/term work. The examination system is based on relative grading system. The exams are conducted as per guidelines from office of Controller of Examinations (CoE). For end semester examinations, CoE office invites proposed examiners panel from Chairmen, Board of Studies. The CoE in consultation with BoS Chairmen approves names of examiners and appoints examiners. The CoE office manages central assessment hall, results work, issuing of grade cards, transcripts, provisional degree certificates and other documents.

The institute has used the in-house developed ERP system in Odd semester, AY2023-24 and switched over to New customized ERP from Even semester. The ERP system is able to perform following tasks: Submission of exam form, online payment of exam fees, generation of admit cards, seating arrangement, attendance sheet, marks sheet, marks entry of all components, preparation of histogram, applying grade boundaries based on relative grading system, allotment of grades, result preparation, SPI-CPI calculation, grade card, transcripts, academic/exam related certificates. All these processes are done and runs smoothly under the guidance, coordination and supervision of CoE.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvm.gnums.co.in/Login.aspx

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

With reference to the need of the educational system and inline with the implementation of NEP – 2020, the Outcome Based Education (OBE) is implemented and is in practice at the institute. The PEOs (Program Educational Objectives), PSOs (Program Specific Outcomes), and COs (Course Outcomes) are of prime importance for the academic framework and they are designed to align with the vision and mission statements of the institute.

Course outcomes (COs) are specific and measurable parameters which defines the competency of the students after completing a particular course. They are also measurement of the effectiveness of teaching learning mechanism including the knowledge acquired by the students

Each CO is aligned and tuned to Programme Outcome (POs) and they are measured at the end of the course evaluation through the various assessment tools. COs for all the courses are defined and mentioned clearly in all the courses and available on institute website. POs, PEOs, PSOs along with Vision & Mission statements of Institute and department are also displayed at appropriate places in the campus including website and notified amongst all the stockholders including faculty members, staff and students. Further, Vision & Mission statements, All POs, PSOs, and COs of specific laboratory courses are printed on lab manuals and term work files for the awareness. The attainment of COs, POs and PSOs is calculated in every semester using the established process which in turn helps to improve the teaching learning mechanism and to thus to achieve the goal of outcome based education.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://www.bvmengineering.ac.in/documents/24_Civil%20BE%20BOOK%202021.pdf

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

The curriculum of all the courses of all offered programs are based on the guidelines from AICTE/UGC as per the need of the society. Each course is equipped with the course outcomes (Cos) which are mapped with the program outcomes (Pos) and program specific outcomes (PSOs). The course articulation matrices are also prepared for all the courses which includes the mapping of COs with POs and PSOs with reference to the need of course objectives. The various parameters are taken into consideration like teaching and assessment schemes, modules / topics and sub topics, weightage of topics by hours and marks, pedagogy, teaching tools etc. For the attainment phase, the COs for a course are measured by tools: (i) The Direct Assessment Tools namely, performance in examinations namely Continuous Evaluation - Mid semester Exams and End Semester exams and, (ii) The Indirect Assessment Tools namely, Exit survey, graduate survey, feedback forms from students.

The mapping of COs with POs through attainments are computed at the end of every semester. A qualitative analysis is done by the

course coordinator/convener. The observations, action taken and recommendations are reported based on the proposed and actual attainment and need of the course.

A detailed analysis of the attainment levels is done by the individual departments for further improvement to achieve better attainments to enhance the quality of teaching learning process which in turn shall be helpful to prepare industry ready graduates.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvmengineering.ac.in/naac/AQAR-3/Criteria2/2.6/2.6.2/4SE01 CO.pdf

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

691

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://bvmengineering.ac.in/common_page1.aspx?page_id=3135

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://bvmengineering.ac.in/naac/AQAR-3/Criteria2/2.7.1.pdf>

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 has taken significant steps to encourage faculty members to engage in research and have implemented policies and guidelines that provide the necessary support and resources for their research endeavors. Currently, we have a total of 157 faculty members, out of which 65 have already completed their Ph.D. degrees. Additionally, 39 faculty members are pursuing their Ph.D. degrees from renowned institutions such as IITs under the QIP program, reputed universities, and other institutions. To further support our research activities, the Institute has developed Eight Centre of Excellences and high end laboratories which are used for curriculum aspects and also to address the students' start-up innovation, industry defined projects, including industry consultancy projects and for research purposes. Also, it is expected to play a pivotal role in catalysing multidisciplinary/ transdisciplinary and translational research culture mandates in NEP 2020.

The Gujarat Government has sanctioned a grant of INR 40.00 lakh for the tenure of 2022-2027 to our Institute's SSIP centre and out of that the centre has received Rs. 20.00 lakh for patents, projects, and student start-ups. Furthermore, the Institute has signed Memorandums of Understanding (MOUs) with more than 78 industries, national and foreign universities. These collaborations aim to strengthen our research activities.

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	https://bvmengineering.ac.in/R%20&%20D%20Cell/9%20Policy/1%20Research Policy.pdf
Any additional information	No File Uploaded

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)

18.78

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	No File Uploaded
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)****30.86**

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	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides**32**

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**02**

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://bvmengineering.ac.in/naac/AQAR-3/Criteria3/3.2/3.2.4/AQAR-3-3.2.4_2.pdf
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.

Birla Vishvakarma Mahavidyalaya has made remarkable progress in promoting academic autonomy, innovation, and knowledge sharing. The strong backing from its large Alumni Association is a key asset, and leveraging the global presence of its alumni

strengthens the institute's ecosystem. The curriculum, aligned with AICTE and NEP 2020 guidelines, fosters creativity and experiential learning, supported by a teaching process that promotes innovation. The institute's many Memoranda of Understanding (MOUs) with prestigious universities, industries, and research organizations highlight its commitment to collaboration and interdisciplinary work. The faculty members were taken training in industries for two weeks of periods. The institute got the extension of autonomous status for a period of 10 years from the academic year 2021-22 to 2030-2031 by standing committee on Autonomous colleges.

With more than 60 patents, including 15 national and one international, as well as over 16 student-led start-ups, the institute underscores its dedication to research and development. Students are engaged in industry-driven projects, contributing positively to society. The open access to research labs and a research-friendly environment further enhance this focus. Additionally, the use of digital resources, such as IEEE, ASME, Scopus, and e-books, reflects a forward-thinking approach to education. Overall, the institute fosters a comprehensive academic and research environment that integrates innovation, collaboration, and digital tools, aiming to develop a robust research ecosystem in line with NEP 2020.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/RnD.aspx?page_id=3193

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

160

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

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	A. All of the above								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>View File</td></tr> </tbody> </table>	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			
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									
03									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>URL to the research page on HEI website</td><td>https://bvmengineering.ac.in/RnD.aspx?page_id=3193</td></tr> <tr> <td>List of PhD scholars and details like name of the guide, title of thesis, and year of registration</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	URL to the research page on HEI website	https://bvmengineering.ac.in/RnD.aspx?page_id=3193	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	
File Description	Documents								
URL to the research page on HEI website	https://bvmengineering.ac.in/RnD.aspx?page_id=3193								
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									
48									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>List of research papers by title, author, department, and year of publication</td><td>View File</td></tr> <tr> <td>Any additional information</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	List of research papers by title, author, department, and year of publication	View File	Any additional information	View File			
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**70**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/naac/AQAR-3/Criteria3/3.4/3.4.4/3.4.4 Any%20additional%20information.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****35**

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

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****3**

File Description	Documents
Bibliometrics 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)****90.87**

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

181.44

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 Institute organizes a wide range of extension activities and programs to ensure the overall development of students. These activities are offered through various clubs, societies, NCC (National Cadet Corps), and NSS (National Service Scheme). BVM College regularly conducts awareness and extension programs, including literacy campaigns, blood donation drives, environmental initiatives, tree plantations, women's empowerment events, entrepreneurial development workshops, and personality and leadership training.

The institution also hosts induction programs for first-year

students, where students, along with their faculty mentors, visit nearby villages and industries. Many students and faculty from BVM College actively participate in the NGO "BACHHPAN," working to uplift underprivileged communities.

The college's NCC is particularly active, with three wings: Army, Air, and Navy, providing opportunities for students to engage in holistic development and encouraging them to become responsible citizens. Additionally, the Institute has organized rallies and seminars on gender sensitization, promoting awareness and understanding of gender equality. These initiatives educate participants on the important roles women play in society, fostering a culture of inclusivity and respect for all.

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

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

101

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	No File Uploaded

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)

59

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**4445**

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****442**

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)**41**

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	No File Uploaded

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 BVM campus encompasses an area of 18.96 acres, featuring various outdoor gamefacilities and an indoor stadium, along with

a stage. The institution is equipped with state-of-the-art infrastructure, including classrooms, tutorial rooms, laboratories, drawing halls, workshops, libraries, faculty offices, conference and seminar halls, an auditorium, a Learning Resource Utilization Centre (LRUC), an administrative block, and a canteen.

The aggregate area allocated for undergraduate and postgraduate classrooms, drawing halls, libraries, seminar halls, tutorial rooms, and studio spaces is 6843.79 square meters. Laboratories for undergraduate and postgraduate programs, a computer center, workshops, and tinkering labs occupy 9186.75 square meters.

The principal's office, along with various faculty and administrative spaces, covers an area of 2444.27 sqmts.

Additional facilities include an alumni office, common rooms for both boys and girls, toilet blocks, a canteen, a sports club and gym, maintenance room, housekeeping, security, and a first aid and medical room, totaling 1416.19 sqmts.

The library boasts a collection of 72392 books, 108 journals, and 288 e-books, along with reprographic services, a digital library, and reading rooms. An RFID system enhances operational efficiency for students and staff.

The campus is equipped with adequate computing facilities, providing a total internet bandwidth of 100 Mbps apart from NAMO Wi-Fi 100Mbps, complemented by complete Wi-Fi connectivity.

Additionally, a healthcare center is conveniently located near the campus, and dedicated spaces are allocated for Centers of Excellence, SSIP, an Incubation Centre, and a Training & Placement Centre.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/central_facilities.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.)

Cultural & sports activities are part and partial of BVM Engineering college, since inception. They are intended to nurture talents of students in both cultural as well as sports and games. These opportunities are taken by the students to enhance social, physical and mental well-being as well as leadership qualities.

Facilities for outdoor activities like basketball court, Badminton courts, Volleyball, cricket, hockey, Kho-Kho, Kabaddi and handball are available. Indoor sports complex having facility for indoor activities like badminton courts, table tennis, billiards tables, gymnasium, yoga centre is available.

Cultural activities: where in BVM has earned many accolades include Dance, Music, Fine arts, Literary and theatre etc. Cultural activities are managed by the Cultural committee. They have won prizes in competitions like Kala Mahakumbh, XITIJ -zonals, XITIJ-Interzonals, Amul Volcano.

Sports activities at the institute are being managed under the guidance of faculty in-charges and student's coordinators. BVM students are active in sports and games as well.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	No File Uploaded
Paste link for additional information	https://bvmengineering.ac.in/central_facilities.aspx

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

66

File Description	Documents
Upload any additional information	View File
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)

545.11

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

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

Library is automated using Integrated Library Management System (ILMS)**Data Requirement for last One years: Upload a description of library with****? Name of the ILMS software: SOUL****? Nature of Automation: Library is a Fully Automated****? Version: 2.0.0.12**

Library has a book collection of 72,232 books Plus 288 E- books (Total Books 75,520) (as on 01.03.2024), and for proper organization of the library material, library has purchased software, 'SOUL' Library Software which is a cloud hosting on Microsoft azure. Software is upgraded time to time against the regular Annual Maintenance Contract. One terminal is reserved for students to search information of availability and issue of Books. Web based Library Software with Web OPAC, Email & SMS Alert etc. (Online Public Access Catalogue- OPAC) and Single Window Where Complete Information about the Users Along With Circulation Status, Fine Status, Contact Details, Reading & circulation History etc.

Varies types of reports can be generated with the use of above mentioned software which is useful for various committees and inspections from time to time. Book database is created along with user's database.

Issue return process is fully automated and manual cards are kept as supporting documents for students and faculty. NPTEL Facilities provide for students & Staff.

Bar-coding used: Yes

Book issue and return is carried out with the help of barcode system. Each book and user's borrower card is bar coded.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/Library.aspx?page_id=49

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)

24.49

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**547**

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 institute has LAN facility through which all the departments, Examination centers and library are interconnected. The wi-fi facilities is also available in the campus for the faculties and students.

Two Manageable switches and 34 data network switches connected through 6 core fiber from the main server room to each block separately. There are 5 POE network switches and 14 data network switches for access points and point to point wireless connectivity in entire campus and hostel. There is a Mikrotik Router switch and one Layer 3 Switches for firewall and managing of internet, intranet, CCTV cameras and content filtering for 2000 users simultaneously. 100 Mbps of internet connectivity provided by institute is shared across the campus, along with additional 100 Mbps of NAMO wi-fi.

Latest Server facility available at institute with newly received PowerEdge R550 server and Tyrone server under the RPS grant of the AICTE. Institute has sufficient license software, Application Software and freeware software for academic and administrative purposes.

There are 131 Printers and scanners across the campus for academic and administrative purposes. All the desktops systems are updated and maintained regularly through the Internet, servers and anti-viruses. All access points are routed to a Wi-Fi controller in the IT Center where configuration and updates are maintained in a centralized fashion.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/central_facilities.aspx

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2756	1175

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**A. 250 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

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**A. All four 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)****545.11**

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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 Infrastructure Planning and Support Committee, to ensure the adequacy and maintenance of campus infrastructure. This committee is responsible for overseeing the maintenance of essential services such as the water-supply system, sewage disposal, solid and chemical waste management, building and equipment repairs, and electrical maintenance. The underground sewerage system at BVM is connected to the Vallabh Vidyanagar municipality's manhole outside the campus, ensuring proper sewage disposal. The water-supply system comprises overhead water tanks with a capacity of 400,000 liters, borewells, and reverse-osmosis (RO) and ultraviolet (UV) purification systems. Additionally, the campus features recharging wells and rainwater harvesting systems to promote sustainability. To enhance safety, fire-extinguishers are strategically placed throughout the campus in readiness for emergencies. The institution also maintains a 125KVA backup electrical power-supply to address power outages, with maintenance managed by the Electrical Department. To further promote green initiatives, a rooftop solar panel system with a capacity of 105KVA has been installed. The campus is equipped with CCTV surveillance cameras positioned in critical areas to deter undesirable activities and uphold discipline. An annual budget is allocated for the repair and maintenance of equipment, computers, and facilities. With a separate budget dedicated to infrastructure maintenance. Comprehensive general insurance covers buildings, furniture, equipment, and computers, while an Annual Maintenance Contract (AMC) is in place for infrastructure upkeep, lifts, RO/UV systems, and fire extinguishers. The Mechanical Department oversees the repair and maintenance of air conditioning systems. While the IT Department manages computer repairs and campus-wide networking, both wired and wireless.

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

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	
799	
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	
107	
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	https://bvmengineering.ac.in/index.aspx
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

728

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted 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	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression**5.2.1 - Number of outgoing students who got placement during the year****393**

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**69**

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****66**

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****21**

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 Birla Vishvakarma Mahavidyalaya (BVM) is a thriving community that promotes holistic development in addition to being an academic institution. The BVM Central Committee, which is in charge of a variety of extracurricular events, is at the center of this lively culture. The committee gives students the freedom to take charge and plan activities that appeal to a range of interests while being supervised by ex-officio staff.

Through groups like Women's Cell, Minority Cell, NSS, and NCC, BVM encourages students to get involved in social projects outside of the classroom. With the help of these platforms, students can gain leadership experience, strengthen their sense of social responsibility, and give back to the community.

Additionally, the BVM Central Committee is essential in greeting incoming students and helping them adjust to college life. The committee makes sure that newcomers feel welcome and actively engage in the BVM community by planning orientation programs and acquainting them with the wide variety of activities available on campus.

BVM is essentially dedicated to developing well-rounded people. Students are empowered to thrive not only academically but also socially and culturally by the institution's promotion of an active involvement culture.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/common_page1.aspx?page_id=1129

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

18

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

The BVM Alumni Association, a global network of over 15,000 alumni, was founded in 1962. Its primary mission is to strengthen alumni relationships, foster connections with the institute, and contribute to the betterment of the community.

Since its inception, the association has been actively involved in various initiatives. These include supporting student scholarships, facilitating industry-academia collaborations, donating books and journals, organizing cultural events, and providing training and placement assistance. The association also plays a crucial role in organizing key events such as welcome functions for incoming students and farewell ceremonies for graduating students.

BVM Alumni hold prominent positions in renowned institutions worldwide, including top universities, national laboratories, ISRO, government and defense establishments, and multinational corporations. Their expertise and experience contribute significantly to the association's efforts in shaping the future of the institute and its students.

By recognizing and rewarding deserving students with merit prizes, silver medals, and gold medals during annual day celebrations, the BVM Alumni Association further inspires academic excellence and motivates future generations of engineers.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvmalumni.ac.in/

5.4.2 - Alumni's financial contribution during the year

A. ? 15 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

Chairman of Charutar Vidya Mandal, the institution's parent organization. The BoG delegates authority to the Principal, who serves as Member Secretary, to implement policies and strategies aligned with the institution's vision, mission, and core values. This is achieved through collaborative planning with Heads of Departments, Deans, and various committees, ensuring operational efficiency. Our administrative setup prioritizes autonomy, openness, transparency, and accountability, striking a balance between freedom and responsibility. BVM aims to produce globally employable, innovative engineers rooted in core values. This vision is supported by prestigious World Bank-assisted projects, including TEQIP-II and TEQIP-III, which led to UGC Autonomy in 2015-16, extended until 2030-31. Faculty members are vital stakeholders, and their participation is encouraged in all aspects of institutional life, fostering a collaborative and inclusive environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvmengineering.ac.in/index.aspx

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

Our institute fosters a collaborative management culture, where key academic and administrative decisions are made through regular meetings between the Principal and Heads of Departments (HODs) and deans of various faculties. Our Deans oversee the following areas: Dean Academics: Academic planning, coordination, and management, Dean Faculty Affairs: Human resource management, Dean Student Affairs: Co-curricular and extracurricular activities, Dean Administration: Smooth administrative operations, Dean Research and Development: Enhancing research and development initiatives, Dean Industry Institution Interaction: Fostering industry partnerships Committees for Institute Development. To ensure seamless functioning and growth, various committees have been established, each with well-defined roles, responsibilities, and objectives, available on our website. We encourage student involvement through the Student Central Committee, led by selected Student Representatives and various student chapters from the International and National professional societies at BVM.

The Internal Quality Assurance Cell (IQAC) under CAS has worked on the following: Compiled and vetted lists of faculty eligible for Academic Grade Pay (AGP) advancement, aligned with AICTE recommendations and DTE rules. Forwarded the list to DTE for approval through the Principal. Prepared and scrutinized lists of faculty eligible for re-designation following AGP movement approval, Submitted the list to the Board of Governors (BoG) for approval.

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://bvmengineering.ac.in/common_page1.aspx?page_id=1129

6.2 - Strategy Development and Deployment

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

Institutional Achievements and Strategic Plan: BVM Engineering College has articulated and implemented a clear strategic plan, achieving numerous milestones, including: World Bank-assisted

projects TEQIP-II and III NAAC accreditation of cycle 1 with A Grade and NBA, Academic autonomy by UGC, Mentoring for the course work of the subjects Research Methodology and Research & Publication Ethics to PhD research scholars registered at Dr Subhash University, Junagadh, Top 10 TEQIP-III institutes in India, Effective utilization of TEQIP III funds, extended to 2021-22, Established policy for fund utilization BVM has made its mark nationally and internationally by: Developing passionate and committed learners for the global environment, Fostering creativity, innovation, and entrepreneurship, Receiving prestigious state government projects like SSIP, Earning appreciation awards from the Gujarat government and national technical bodies like AICTE and GTU, Establishing 8 Centers of Excellence, The students' internship with foreign universities, a member of the BRICS Universities Association from 29th November, 2023.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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 institution's various bodies function efficiently, facilitated by: Clear policies and administrative setup, Well-defined appointment and service rules, and Established procedures. The Board of Governors (BoG) policies and directions are implemented through the principal, Academic Councils, Heads of Departments (HoDs), Deans, Controller of Examinations, Professor-in-charge of the Library, Various committees, BoG decisions are communicated through the Principal to: Academic Council, HoDs, Deans, Academic Committee, Controller of Examinations, Professor-in-charge of Library, Various committees. The Academic Council, chaired by the Principal, oversees academic matters, providing guidance and decision-making. Heads of Departments receive directives from the Principal and execute them through departmental teams comprising faculty and supporting staff. The institution has Academic and Administrative Committees, Statutory committees, and Sub-committees to continuously monitor academic and administrative activities.

Staff benefits include: Monetary benefits for deputations and research projects, Reimbursement of fees, Rewards system, Pay commission recommendations (implemented by Gujarat Government).

File Description	Documents
Paste link to Organogram on the institution webpage	https://bvmengineering.ac.in/naac/AQAR-3/Criteria6/6.2/6.2.2/6.2.2_Organogram%20of%20the%20Institution%20webpage.pdf
Upload any additional information	View File
Paste link for additional Information	Nil

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) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

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

Our institution prioritizes the well-being and growth of teaching and non-teaching staff, offering: Group Insurance Scheme for all staff, Career Advancement Scheme (CAS) for teaching staff, driven by the State government, Comprehensive leave policies: Maternity leave, Paternity leave, Earned leave, Retirement benefits: Pension, Family Pension, National Pension System (NPS), Voluntary Retirement Scheme (VRS) option, Staff quarters within nearby college premises, provided by Charutar Vidya Mandal (CVM), Access to medical facilities: Doctor on campus, Basic medical facilities, provided by CVM, Credit society for personal

financial support, Leave Travel Concession (LTC) facility, Our institution is committed to providing a supportive work environment, fostering growth and well-being for all staff members.

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

7

File Description	Documents
Upload any additional information	View File
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

21

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.)

275

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

Internal Audit: The institution maintains a continuous internal audit process, ensuring transparency and accountability. This involves the appointment of qualified external internal auditors annually. Qualified professional Internal Auditors from external resources have been appointed every year and a team from CVM (Parent Institution) also does a thorough annual check and verification of all Financial aspects, receipts & journal vouchers of the transactions cashbooks, ledger account reviews that are carried out in each financial year on an accrual basis system. CVM conducts the internal audit of the college every financial year. Annual thorough checks and verification by the Charutar Vidya Mandal (CVM) team. Scope of audit:- Financial aspects, Receipts, Journals, Vouchers, Cashbooks, Ledger account review, Actual basis accounting system,

External Audit: The financial records are audited by qualified chartered accountants at the end of each fiscal year and the balance sheet is certified. The External audit was carried out by AG (accountant general) audit and DTE (Director of Technical Education, Gujarat) Audit. In case of any audit objections, a written clarification along with supporting documents/vouchers/bills/receipts /certificates/ are submitted to the Audit team to account for the expense incurred or funds used appropriately according to the head for which they were allocated.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/common_page1.aspx?page_id=83

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)**144.85**

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

The institute has a robust mechanism for mobilizing funds and ensuring effective utilization

of financial resources for infrastructure development and academic support.

Key Features:

- 1. Budget planning for academic, curricular, and co-curricular activities.**
- 2. Governance oversight: Major financial transactions verified by the governing body.**
- 3. AMC/Rate contracts for maintenance, procurement, etc.**

Procurement Process:

- 1. Budget approval by governing body.**
- 2. Departmental heads initiate purchasing process with account officer.**
- 3. Quotations invited, negotiations conducted, and purchases made.**
- 4. Orders placed, payments released upon delivery.**
- 5. Bill payments processed after testing and verification.**

Monitoring and Oversight:

1. Departmental heads.

2. Principal.

3. Account section.

Financial Audit:

Conducted annually by a chartered accountant to ensure compliance.

Financial Management Objectives:

1. Transparency.

2. Efficiency.

3. Accountability.

File Description	Documents
Upload any additional information	View File
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 IQAC plays a vital role in institutionalizing quality assurance strategies, fostering a culture of excellence, and driving incremental improvements. Inculcate a quality culture aligned with the institute's vision, ensuring stakeholders' commitment to excellence.

Key Objectives

1. Develop and institutionalize best practices.

2. Enhance teaching-learning outcomes.

Quality Measurement Activities

1. Academic Audit

- Course files prepared by faculty members (semester-wise).
- Academic committee reviews course files (HOD, course coordinator, senior faculty).
- Feedback provided to faculty members.

2. Student Feedback and Counselling

- Semester-end feedback collected from students (course-wise).
- Feedback conveyed to course coordinators.
- Faculty counsellors mentor 30-35 students each.
- Industrial training and career counselling encouraged.

IQAC actively contributes to:

1. National Board of Accreditation (NBA).
2. National Institutional Ranking Framework (NIRF).

Enhanced teaching-learning outcomes through:

1. Improved course quality.
2. Student-centric approach.
3. Faculty development.
4. Industry-ready graduates.

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

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 institution's Internal Quality Assurance Cell (IQAC) facilitates periodic reviews of its teaching-learning process, structures, methodologies, and learning outcomes.

Curriculum Design and Development

The institution follows an Outcome-Based Education (OBE) approach, involving:

- 1. Industry Consultative Committee (ICC) input**
- 2. Board of Studies (BoS) review**
- 3. Academic Council approval**
- 4. Expert feedback from alumni and distinguished subject experts**
- 5. Incorporation of stakeholder suggestions**

Curriculum Composition

The curriculum includes:

- 1. Basic and fundamental science courses**
- 2. Humanities**
- 3. Management**
- 4. Programme core and elective courses**
- 5. Open elective courses**
- 6. Non-credit courses: Environmental Science and English**

Exam Reforms

The Academic Executive Committee (AEC) ensures question paper quality, acting as a buffer between BoS and Academic Council.

Quality Assessment

1. Semester-end evaluation of question papers

2. Feedback provided

3. Course coordinators calculate:

- Direct attainment levels of Course Outcomes (COs)

- Attainment levels of Programme Outcomes (POs)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bvmengineering.ac.in/NAAC/IQAC/IQA/C%20committee%202020-21.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 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)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://bvmengineering.ac.in/NAAC/IQAC/IQA/C%20document%20of%20BVM%20signed.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	View File

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**

During the year, the institution took several proactive measures to promote gender equity, reflecting its progressive approach toward women's empowerment. A dedicated Women Development Cell (WDC) was actively engaged in initiatives addressing women's safety, health, and hygiene, ensuring the well-being of female members on campus. Equal opportunities were provided to female faculty and students, enabling their participation in academic, administrative, and extracurricular activities. The institution also prioritized a secure environment through the efforts of the Anti-Sexual Harassment Committee, which addressed grievances promptly. Female participation in decision-making was encouraged by appointing female representatives in key committees. To maintain a ragging-free environment, vigilant monitoring and robust security measures were implemented, particularly in hostels, ensuring the safety and comfort of all female residents. These measures collectively reflect the institution's unwavering commitment to fostering a gender-equitable environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://bvmengineering.ac.in/wdc.aspx?page_id=3191

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

A. Any 4 or All of 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)

• Effective Solid Waste Management: The campus ensures efficient waste management by placing adequately labeled bins for Dry Waste

and Wet Waste at strategic locations. Dry solid waste is collected by sweepers and deposited in a designated collection pit within the premises. The Municipality subsequently manages the collection and disposal process.

- **Efficient Liquid Waste Management:** The campus is equipped with a well-maintained sewer network, seamlessly connected to the Municipality's sewer system for effective treatment and disposal of liquid waste.

- **Biomedical Waste Handling:** No biomedical waste is generated within the campus. Healthcare needs are addressed by a nearby parent management-run health center, which ensures proper and responsible disposal of any biomedical waste generated.

- **Responsible E-Waste Management:** Dedicated E-Waste bins are strategically placed on campus for the collection of electronic waste. Any irreparable hardware is responsibly disposed of through registered vendors, adhering to established protocols set by the management (CVM).

- **Hazardous and Radioactive Waste Disposal:** The campus does not generate or receive hazardous or radioactive waste, maintaining a safe and environmentally sustainable environment.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
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	View File

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

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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.

A. Any 4 or all 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	No File Uploaded

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).

The institution is dedicated to fostering a campus environment enriched with cultural, regional, linguistic, communal, and socio-economic harmony. A variety of initiatives are implemented to promote these values, creating an inclusive atmosphere that celebrates diversity.

National events like Republic Day and Independence Day witness enthusiastic participation from students, faculty, and staff, instilling a sense of patriotism and unity. Cultural engagement is encouraged through events such as the annual day, Fresher's Day, and Farewell Functions, strengthening the community spirit within the college.

Regional traditions are honoured during Navratri with vibrant Garba celebrations, promoting an appreciation for local cultural values. The institution also prioritizes physical and mental well-being by commemorating 'International Yoga Day' and 'National Unity Day,' the latter honouring Sardar Vallabh Bhai Patel's contributions. Celebrations of Teacher's Day, Engineer's Day, and Ambedkar Jayanti inspire students to learn from the achievements of notable figures.

To provide holistic exposure, the institution organizes industrial visits for budding engineers to experience real-world work environments and village visits to sensitize students to the needs and challenges of rural communities.

In support of economically disadvantaged students, scholarships such as EBC, OBC free-ship, and SC/ST scholarships are facilitated through the SC-ST Cell, ensuring equal academic opportunities for all deserving students.

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:

The institution is deeply committed to instilling values and social responsibility in its students by organizing various activities that promote community engagement and awareness.

Students enthusiastically participate in initiatives such as Community Health Programs, Blood Donation Camps, Tree Plantation Drives, and Yoga Training Sessions. Their active involvement in celebrating national festivals and contributing to the Swachh Bharat Abhiyan reflects their dedication to health, cleanliness, and civic responsibility. Events like Environment Day highlight

their commitment to environmental conservation and the institution also encourages active citizenship by organizing a Voting Pledge to instil democratic values among its members.

The NSS Unit organizes a Residential Camp that immerses students in rural life, helping them understand and address community needs. The institution also leads impactful social initiatives like the "Swachh Bharat Mission" and "Unnat Bharat Abhiyan," aimed at improving rural living standards.

A non-credit course on Constitution and Ethics sensitizes students to their civic duties, constitutional rights, and the importance of social harmony. Additionally, a mandatory course on Environmental Science equips students with essential knowledge of sustainability and conservation practices.

The institution's involvement in the Vishwakarma Yojana project, focused on "Rurban" village development, further demonstrates its commitment to rural upliftment.

Through these multifaceted efforts, the institution nurtures socially responsible individuals, empowering students to contribute positively to society and lead meaningful change.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

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 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

B. Any 3 of the above

File Description	Documents
Code of Ethics - policy document	View File
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	No File Uploaded

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

BVM takes great pride in celebrating various national and international days, events, and festivals, creating a vibrant and inclusive environment that unites students, faculty, staff, alumni, and management with enthusiasm. Independence Day and Republic Day are observed with deep patriotic fervor, with the entire BVM community participating in flag-hoisting ceremonies to honor the nation.

On International Women's Day, BVM actively promotes gender equality and women's rights, underscoring the importance of building a society that upholds these fundamental values. Similarly, International Yoga Day is celebrated annually to inspire individuals to prioritize their physical, mental, and spiritual well-being.

BVM also organizing blood donation drives in collaboration with government-recognized blood banks, encouraging the spirit of social service.

The institution equally recognizes and celebrates the contributions of Sardar Vallabhbhai Patel, World Environment Day, Teacher's Day, Engineer's Day, Gandhi Jayanti, Ambedkar Jayanti and Swami Vivekananda Jayanti. using these occasions as opportunities to honour remarkable individuals and their lasting impact on society and the nation.

Through these observances, BVM fosters a culture of unity, inclusivity, and responsibility, aligning with its mission to nurture conscientious citizens who contribute meaningfully to society.

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

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

<https://bvmengineering.ac.in/NAAC/AQAR-3/Criteria7/7.2/7.2.pdf>

File Description	Documents
Best practices in the Institutional website	https://bvmengineering.ac.in/common_page1.aspx?page_id=3189
Any other relevant information	https://bvmengineering.ac.in/NAAC/AQAR-3/Criteria7/7.2/AQAR-3-7.2.pdf

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)

Aligned with BVM's vision and mission, its alumni are dispersed worldwide, forming one of the largest alumni associations with over 21,000 active life members established in 1972.

The primary objectives of the BVM Alumni Association encompass manifold facets:

- **Maintaining an extensive alumni database dating back to 1948.**
- **Offering financial support for student projects.**
- **Organizing Alumni meets to enhance coordination and connectivity.**
- **Catering to the financial needs of deserving students.**

Annually, the BVM Alumni Association publishes a newsletter that disseminates campus news within the alumni network. The association has made notable contributions, with alumni donations of 2.21 Crores during the April 2023 to March 2024 financial year.

Alumni has provided sponsorship for Merit prizes, scholarships, annual Tech Fest, UDAAN, project Expo and other activities amounting to around 22,75,225.00 Lacs.

File Description	Documents
Appropriate link in the institutional website	https://bvmalumni.ac.in/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- Implementing external Academic and Administrative Audits to enhance attainment.
- Conducting an Energy-Green-Environmental Audit for campus beautification, emphasizing cleanliness and green spaces.
- Hosting Student Induction Programs for seamless integration.
- Preparing for the 4th Cycle NAAC Accreditation to uphold educational standards.
- Training educators in effective use of smart classrooms for Online Teaching, advocating Blended Learning.
- Expanding the scope of Best Practices.
- Organizing Faculty and Staff Development Programs.
- Participating in NIRF India Ranking, GSIRF (Gujarat state Ranking), and NBA.
- Soliciting feedback from stakeholders to enhance the curriculum.
- Strengthening Outcome-Based Education in line with NEP2020
- Conducting events to instill Code of Conduct values among Students, Staff, and Parents.
- Enhancing e-Governance initiatives.
- Promoting research and innovation.
- Arranging events to promote gender equity and respect for Women.
- Organizing international conferences/symposium and frequent alumni regional meets.
- Hosting Short Term Training Programs (STTP) in each department.
- Bolstering student chapters and clubs to foster quality

engineering education.