YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	DON BOSCO INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr. Nagabhushana B S
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08028437028
• Mobile No:	9972550099
• State/UT	KARNATAKA
• Pin Code	560074
2.Institutional status	
• Affiliated / Constitution Colleges	AFFILIATED
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing
• Name of the Affiliating University	VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI
• Name of the IQAC Coordinator	Dr. Manjula S D
• Phone No.	08028437029
• Alternate phone No.	08028437030
• IQAC e-mail address	iqac@dbit.co.in
• Alternate e-mail address	manjulasd@dbit.co.in
3.Website address (Web link of the	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://dbit.co.in/assets/about/pdf/naac/DBIT_SSR_2018-2023-cycle2.pdf

AQAR (Previous Academic Year)	
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.dbit.co.in/assets/pdf/naac/2023-24/PART%20A%20-%20ACADEMIC%20CALENDER%20-%202023-2024.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.53	2019	20/05/2019	19/05/2024
Cycle 2	A	3.07	2024	14/11/2024	13/11/2029

6.Date of Establishment of IQAC	04/06/2016

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
COMPUTER SCIENCE AND ENGINEERING	K-Fist	VGST	2022-25 (5 Years)	3000000
Information Science and Engineering	ATAL FDP	AICTE	2023-24 (1 WEEK)	350000
Information Science and Engineering	KSCST	Student project	2023-24 (6months)	5000
Information Science and Engineering	KSCST	Student project	2023-24 (6months)	5000
Information Science and Engineering	KSCST	Student project	2023-24 (6months)	4000
Information Science and Engineering	KSCST	Student project	2023-24 (6months)	3500
Information Science and Engineering	KSCST	Student project	2023-24 (6months)	4500
Information Science and Engineering	KSCST	Student project	2023-24 (6months)	3000
Information Science and Engineering	KSCST	Student project	2023-24 (6months)	4000
Electrical and Electronics Engineering	KSCST	Student project	2023-24 (6months)	4500
Artificial Intelligence and Data Science	AICTE	ATAL FDP	2 weeks	600000
Artificial Intelligence and Machine Learning	KSCST	Student project	2023-24 (6months)	4000
Artificial Intelligence and Machine Learning	KSCST	Student project	2023-24 (6months)	5000
Computer Science and Engineering	KSCST	Student project	2023-24 (6months)	5000
Computer Science and Engineering	KSCST	Student project	2023-24 (6months)	5000
Computer Science and Engineering	KSCST	Student project	2023-24 (6months)	4000
Computer Science and Engineering	KSCST	Student project	2023-24 (6months)	5000
Electronics and Communication Engineerng	KSCST	Student project	2023-24 (6months)	5500
Electronics and Communication Engineerng	KSCST	Student project	2023-24 (6months)	5000
Electronics and Communication Engineerng	KSCST	Student project	2023-24 (6months)	5500
Electronics and Communication Engineerng	KSCST	Student project	2023-24 (6months)	5500
Physics	K-Fist	VGST	2023-24 (6months)	3000000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
• Upload latest notification of formation of IQAC	**View File**
9.No. of IQAC meetings held during the year	4
• Were the minutes of IQAC meeting(s) and compliance to the	Yes

decisions have been uploaded on the institutional website?	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	**View File**
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Online Program Exit Survey and Curriculum Survey was carried out during the year 2023-24 and analysed. The Green Audit, Environment Audit and Energy Audit was conducted. Orientation Programme for newly joined faculty was conducted. Distinction Award Ceremony was conducted. Self Learning Platforms are created i) By introducing industry collaboration with Samsung Innovation, Capgemini. ii) Offering Certification courses through Swayam NPTEL, Infosys Spring Board, Capgemini etc

12.Plan of action chalked out by the IQAC in 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
FDPs are conducted for the new courses	3 FDPs were conducted during the year 2023-24
Distinction Award Ceremony is planned to award meritorious students	The student who had scored above 85% were motivated by awarding them with a silvermedal
Samsung Innovation cell is established	Certification courses are offered to the students
The Green Audit, Energy Audit and Environment Audit was conducted.	The activity resulted in knowing the facts and figures about the quality of air, Noise pollution, effective utilisation of energy etc.
To consolidate the data of five years and submit the IIQA and SSR	Submitted the SSR and achieved NAAC Grade A

13.Whether the AQAR was placed before statutory body?	**Yes**

• Name of the statutory body

Name	Date of meeting(s)
Governing Council	13/07/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
AISHE CODE: C-1258 (2023-24)	20/01/2025

15.Multidisciplinary / interdisciplinary

15.Multidisciplinary / interdisciplinary The Vision and Mission of our institute underwent change during the end of the year 2022. The changed Vision and Mission, strongly, advocated the following: Commitment to fulfil the need of skillset development as part of academics. Inter disciplinary activities. Multidisciplinary approaches to integrate human values with technical education. There will be following types of courses in a B. E./ B.Tech. programme, namely: Humanities and Social Sciences, including Management, Skill enhancement and Economics Basic Sciences including Mathematics, Physics, Biology and Chemistry. Engineering Sciences including Workshop, Drawing, Basics of Electrical/Civil/Mechanical/Computer Engineering, Materials and Instrumentation Professional Core Courses: These are courses to be compulsorily studied by a student as a core requirement to complete the requirements of a programme in a said discipline of study. Professional Elective Courses: These are the courses from which a student can choose and study as part of the requirement to complete the programme in a said discipline of study. Open Elective Courses: These courses are supportive to the discipline/ providing extended scope/enabling an exposure to some other discipline/domain and they are chosen from the pool of courses. Skill Development Courses: These courses will be nurturing student proficiency skills. These courses are offered to achieve the programme outcomes not specifically covered by the other courses Ability Enhancement Courses: These are generic skill courses which are basic and needed to all to ensure progression across all careers. Non-Credit Mandatory Courses: These are courses on peripheral subjects in a programme, wherein familiarity is considered mandatory Project work: Mini Project and Internship are also considered as courses in the programme. Innovative and flexible curriculum: Visvesvaraya Technological University to which our institute is affiliated to, has introduced several modifications to the curriculum to implement NEP-2020. The curriculum changes brought about by the University have been analyzed to ascertain compliance with NEP 2020. Specifically, the following are the additional/refined courses that were formalized from the academic year 2022-23. Sl. No. Course No. of credits 1. Humanities and social sciences 3 2. Basic Sciences 2 to 4 3. Engineering Sciences 2 to 4 4. Professional Core Courses 2 to 4 5. Professional Elective

Courses 2 to 4 6. Open Elective Courses 2 to 4 7. Skill development Courses 1 to 3 8. Ability Enhancement Courses 1 to 2 9. Non – Credit Mandatory courses No credits 10. Project Work 10 11. Mini Project work 3 12. Internship 6 During the A.Y. 2023-24, these additional courses up to sixth semester have been taught as directed by the University. The detailed syllabus of the courses titled "Social Connect and Responsibility" and "Innovative Design Thinking" consists of practical activity and use cases which are deliberately left open ended in order to encourage affiliated institution like ours to be innovative while offering these courses. To this extent, the courses have been innovative and flexible. Faculty of all departments have delivered these courses by defining practical activity and use cases which encompasses environmental problems and holistic development of students.

16.Academic bank of credits (ABC):

The Academic Bank of Credits has been established on the lines of the National Academic Depository (NAD) by the Government of India, Ministry of education. Whereas ABC enables students to register and commence credit transfer, the final outcomes of credit redemption and issuance of certificates, as well as the compilation of award records, are administered by academic institutions via the NAD Platform. Our institute has been studying and analyzing the developments with respect to ABC which is the prime outcome of NAD (National Academic Depository) since its launch by the Government of India in the middle of 2017, its further steering through UGC and its realization through DIgiLocker owned by Ministry of Electronics and Information Technology (MeitY). It is understood that ABC realizes the flexibility provided to the students through NEP 2020 such as multiple-Entry-Multiple-Exit, Credit transfers, and Choice Based Credit System and our institute is in line with NEP 2020. However, Having been an affiliated institute our institute is waiting for directions from our University (Visveswaraya Technological University) with respect to ABC since credits awarded to our students are authorized by our university. Also, as per section 22 of the UGC Act 1956, Higher Education Institute (HEIs) are those institutions that are empowered to award degrees by themselves, and hence there is a dependency for us to await directions from our university. There have been some communications from our University with respect to ABC which was also discussed as a part of workshops organized by institutions under the ambit of our University. Also, the eligibility for registration on Digi locker is indicated as an 'A' Grade in NAAC or the accreditation by the National Board of Accreditation for at least three programs with a minimum score of 675 individually.

17.Skill development:

In view of NEP 2020 our institute appreciates the need of skill development in forthcoming batches of our students. National bodies like National Skills Qualifications Framework (NSQF), their training facilitators, National Skill Development Council (NSDC) are the two institutions acting as a powerful vehicle for institutions to implement skill development. It has been noticed that the curriculum framed by the BoE of our University has matched the courses offered by skill-based institutions which have, in turn, mapped their courses against NSQF, as far as the academic component is concerned. However, even on a general note without any bearing on NEP 2020, skill development is grossly lacking and hence our institute is in discussion with specific facility partners in our geography. In this regard, our institute is in discussion with industry segments seeking their support in facilitating skill development. Vocational courses are offered by Samsung Innovation Council and also Capgemini to facilitate skill development on campus through co-funded laboratory. Alternatively, our institute is also planning to have the initiatives to develop vocational courses on similar lines and become a facilitator themselves so that vocational courses are made available to our students on our campus. Since the UG program is affiliated to VTU, the credit structure is provided by the University. The VTU has noted the NEP 2020 requirement, convincingly, and altered the credit structure for the 2022 curriculum. Significantly, in the 2022 curriculum, 40 credits out of 160 credits has been set aside for skill development oriented courses.

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

V.T.U has introduced a regional language (kannada in our case) into the first two years of the UG programme. Two courses in Kannada with two different difficult levels are introduced. Students who hail from non-kannada speaking areas are expected to take that Kannada course with a lower difficulty level (Balake Kannada). Also, students who have not studied Kannada during their high school studies are expected to take the Kannada course with lower difficulty level. Students whose mother tongue happen to be kannada would be expected to take the Kannada course with a higher difficulty level (Vyavaharika Kannada).During the academic year 2021-22, VTU also introduced teaching in Kannada for the Engineering courses. However, in our institution, no student has exercised this option. From the academic year 2021-22, VTU curriculum included a course titled "Social Connect and Responsibility" for the third-semester students. Assessment of this course is based on the activity performance which is backed by the routine practice and demonstration of traditional Indian culture and Arts.

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

All eligible programs of our institute are accredited by NBA which advocates Outcome Based Education. Our institute has undergone NBA accreditation since 2008 and hence has strong roots with experience in running OBE programs. Curriculum framing sets the course outcomes for the constituent courses and evaluation techniques compute the attainment of course outcomes, through well-formed processes, procedures, and tools. The credit structure of our University for the 2022 curriculum has undergone changes to meet the needs of skill- based education which is also emphasized by NEP 2020. Significantly, in the 2021 curriculum, 40 credits out of 160 credits are mapped to courses that expose the students to skill development-related activities. Nearly 31 weeks of activities (approximately amounting to two semesters) carried out by the students expose them to relevant skills of their respective fields of study. It is pertinent to note this point because OBE advocates the measurement of the outcomes which can be carried out, extremely well when it comes to skill based training and skill oriented courses. Our institute thus expects to accrue more practical values for the Course Outcomes and hence the Program Outcomes for the 2021 scheme and 2022 scheme students. In a way, NEP 2020 is realizing OBE in its true sense primarily owing to the skill-oriented courses. The newly joined faculty are trained every year in order to make them familiar with OBE and to implement it in the system effectively. To achieve a better sophistication for the year 2023-24 and also in view of the ensuing NBA inspection, a software based automation tool has been implemented which would, automatically, compute the Course Outcomes and the Program Outcomes (designed as per ABET criteria) considering both the marks secured by the students and also the score obtained through indirect assessment. This feature of the automation tool ensures its versatility when skill based courses get introduced as the outcome of NEP 2020 implementation.

20.Distance education/online education:

The term "Open and Distance Learning" (ODL) has two parts viz. a. Open learning b. Distance learning. T The term "Open learning" refers to a commitment that removes any unnecessary barriers to access, such as finances, prior learning, age, social, work or family commitments, disability and such others. Distance education refers to teaching and learning that separates teacher and learner in time and/or place. Distance learning employs multiple media for delivery of instruction and involves occasional face-to-face meeting for tutorials and learner-learner interaction. The term ODL refers to policies and practices which give the learner a degree of flexibility in the choice of topics, place, pace and/or method. The pandemics during 2019-21 led education to the ODL arena. Institutions develop expertise to deliver lectures using ICT. Contents developed during the Pandemics for the sake

of online classes became accessible to students so that they can study them at their own pace thus leading to Open education. In our institute certain courses like "Constitution of India and Professional Ethics" is delivered as an open learning. It is planned to develop course content for such courses that do not involve laboratory sessions and leverage the content to students leading to open learning. Our institute is planning to motivate and instruct faculty to use open platforms like springboard, NPTEL, coursera and Swayam and take up courses as open learning. In future such faculty is expected to advice students to learn on such open platforms and also support them by resolving their hiccups all along their journey in augmenting their knowledge. For the coming A.Y. our institute has planned to develop content for important topics (both curricular and co-curricular) and deploy it on a local cloud so that students can use the content and develop the knowledge through Open learning strategy. Depending on the difficulty levels, courses with higher order difficulties are planned for distance learning (teacher centric) rather than open learning (where there is zero interaction with the faculty). With a clear understanding of India's progressive education policy with regard to focus on gender, equal opportunity is provided for both boys and girls in the curricular, co-curricular, and extracurricular activities in the institution. Gender sensitization and awareness building activities are earnestly taken up. Students of both genders are accommodated in all the committees of the institution. The committee plays roles in preventive and remedial ways. It creates an atmosphere promoting equality and gender justice. Various NSS activities such as International Women's day celebrations, Guest lectures on women's health, etc., sensitize the issue among students and faculty. The mandatory non-credit induction program is conducted for athletic UG students entering the institution right at the start. The induction program includes universal human values with lectures by eminent personalities. A course on the Constitution of India, Professional Ethics, andHuman Rights is taught to all students in the institution. It isoffered as a credit course with contact hours of one-hourtheory/week. Due importance is given to the environment and sustainability withregular Swachh Bharat Mission activities, tree plantationprogrammes. A course on Environmental Studies with contact hoursof two hours theory/week is offered

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	**354**
File Description	**Documents**
Data Template	View File
2.Student	
2.1 Number of students during the year	**3289**
File Description	**Documents**
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**480**
File Description	**Documents**
Data Template	View File
2.3 Number of outgoing/ final year students during the year	**571**
File Description	**Documents**
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	**187**
File Description	**Documents**
Data Template	View File
3.2 Number of Sanctioned posts during the year	**186**
File Description	**Documents**
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	**69**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**2785.8**
4.3 Total number of computers on campus for academic purposes	**1131**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Don Bosco Institute of Technology is affiliated to Visvesvaraya Technological University (VTU), Belagavi. The well-planned and documented process of ensuring the effective delivery of VTU prescribed CBCS curriculum is as detailed below: Course Outcomes (COs), Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) are framed. Courses are allotted to faculty members in advance according to their area of specialization and skill matrix. Lesson plans, lecture notes, and laboratory manuals are prepared/updated by faculty members. During each semester three-class committee meetings, are conducted to monitor the progress of learning. Beyond the curriculum, teaching is ensured by supplementing classroom teaching with expert lectures,seminars, additional laboratory experiments, and mini projects The academic courses are supplemented by add-on courses, use of MOOC lectures, case studies, projects, quizzes, etc. For proper documentation, course files are maintained by the faculty members for the subjects handled by them which consists- VTU Syllabus, Time Table, Lesson Plan, Lecture Notes, Module wise Question Banks, Previous VTU Question Papers with solutions, Internal Assessment Test Question Papers with Answer Key, Scheme and Solutions for Valuation and Assignment Questions. After receiving the university results, Result Analysis is made. The slow learners and toppers of the class are identified. Remedial classes are arranged for slow learners and Advanced learners are motivated towards self learning platfors where courses are offered beyond syllabus. The course outcomes attainements and PO out comes are caculated after every semester.

File Description	Documents
Upload relevant supporting document	**View File**
Link for Additional information	**https://www.dbit.co.in/assets/pdf/naac/2023-24/1.1.1.pdf**

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Based on VTU calendar of events, the institutional academic calendar is framed indicating the commencement of the semester, last working day, the commencement of examinations and the same will be announced before the commencement of the academic year. Also, the schedule for conduct of Internal Assessment Tests, valuation, the announcement of results and other academic events are indicated in the academic calendar. Individual departments prepare their department academic schedule in line with the Institutional academic calendar incorporating the schedule for conduction of seminars/workshops/training and various other co-curricular and extra-curricular activities. Three/Two Internal Assessment Tests are conducted for theory courses and one/Two laboratory tests are conducted as per well documented Continuous Internal Evaluation policy. During each semester three-class committee meetings, are conducted to monitor the progress of theory and laboratory courses. The slow learners are identified based on their test performance and additional guidancare provided to them. Performances of the students are regularly communicated to their parents. The IQAC reviews academic activities planning and implementation by academic audit, student performance and result analysis, and performance appraisal of faculty members. Suitable actions for continuous improvement are taken as per well-documented academic policy.

File Description	Documents
Upload relevant supporting documents	**View File**
Link for Additional information	**https://www.dbit.co.in/assets/pdf/naac/2023-24/1.1.2.pdf**

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	**A. All of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	**View File**
Any additional information	**View File**

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

9

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

14

File Description	Documents
Any additional information	**View File**
Brochure or any other document relating to Add on /Certificate programs	**View File**
List of Add on /Certificate programs (Data Template)	**View File**

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1920

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1920

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	**View File**

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

In order to integrate cross-cutting issues such as gender, environment and sustainability, human values and professional ethics, University has incorporated a variety of courses into curriculum, some of which focus on professional competencies while others aim to instil general competencies such as social and ethical values, human values, environmental sensitivity etc. resulting in a holistic development of the students. The following are the glimpse of some of the courses 1. Professional Ethics: Students are offered course on professional ethics to equip them with necessary soft skills for prospective future profession. 2. Human Values: Working with NGOs, organizing blood donation camps, health check-up camps, hygiene and health workshops, cleanliness drives, workshops on social concerns, environmental sustainability, feeding and taking care of street dogs etc. are some of the examples of social development activities taken up students and faculty members. 3. Environment studies: All UG programs contain a course on environment studies. A variety of activities, such as seminars, workshops, guest lectures, company visits, tree plantation and field excursions, were scheduled for students of all programs to raise awareness about environmental and sustainability issues.

File Description	Documents
Any additional information	**View File**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	**View File**

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

22

File Description	Documents
Any additional information	**View File**
Programme / Curriculum/ Syllabus of the courses	**View File**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**View File**
MoU's with relevant organizations for these courses, if any	**View File**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	**View File**

1.3.3 - Number of students undertaking project work/field work/ internships

1187

File Description	Documents
Any additional information	**View File**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	**View File**

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	**View File**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	**View File**
Any additional information(Upload)	**View File**

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	**View File**
URL for feedback report	**https://www.dbit.co.in/assets/pdf/naac/2023-24/1.4.1.pdf**

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

960	
File Description	Documents
Any additional information	**View File**
Institutional data in prescribed format	**View File**

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

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

672	
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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

DBIT has a streamlined mechanism for continuous monitoring and evaluation of the students. Students are categorized as slow learners and advanced learners based on their performance in surprise test, technical quiz, internal assessment and performance in class.

Slow learners: We organize remedial classes and additional surprise tests to increase the pass percentage. The mentor assesses the nature of their problems and motivates them in a friendly way to reach their academic goals. Appropriate counselling with additional teaching, eventually helps them improve their performance.

Advanced Learners: Faculties teach content beyond syllabus to enrich the knowledge of the students in the advanced topics. Additional laboratory experiments are also conducted after the completion of the regular lab classes. Additional knowledge is provided through extra workshops conducted on recent trends.

MOU with institutes and organizations expose students for current trends in technology. Students are encouraged to participate and attend various workshops, Industrial Visits, NPTEL lectures, MOOCS courses, guest lectures by experts and skill development programs. Student projects with current trend and technologies are submitted through Institution to KSCST (Karnataka State Council for Science and Technology) for motivation and financial support. Internships for students help us to bridge the technical gap between academia and industry.

File Description	Documents
Link for additional Information	**https://dbit.co.in/assets/pdf/naac/2023-24/2.2.1%20(A).pdf** **https://dbit.co.in/assets/pdf/naac/2023-24/2.2.1%20(B).pdf** **https://dbit.co.in/assets/pdf/naac/2023-24/2.2.1%20(C).pdf**
Upload any additional information	**View File**

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3289	187

File Description	Documents
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

DBIT always supports collaborative and independent learning among the students. In participative learning, students are trained and encouraged to learn modern technology and tools. Industry visits and guest lectures are conducted. The project allocation, monitoring and evaluation system is in place with rubrics for evaluation. The students are trained for abstract writing, technical paper writing and literature survey. The best practices are framed with student centric methods. MBA students are given a business casesreflecting the reality of managerial decision-making in the real world. Students undertake internships at various organizations wherein they are exposed to real world. Students interested in Research and Development work are encouraged to publish their Project/Research work in National/International Seminar/Conference/Workshop. The institution deploys and employs ICTs for a range of activities. The Cloud based solution mobile e-Library Appoffers eBook collections, e-Course materials, latest journal issues and multimedia learning content (https://knimbus.com/)The Institute subscribes various online resources like IEEE, Digital Library and DELNET. Students are encouraged to use resources along with NPTEL videos for a better learning environment. Students with above 7.5 CGPA are supported to take NPTEL courses for 18 credits and obtain a BE Honours degree certificate from VTU.

File Description	Documents
Upload any additional information	**View File**
Link for additional information	**https://dbit.co.in/assets/pdf/naac/2023-24/2.3.1%20(A).pdf** **https://dbitb.knimbus.com/user#/home https://dbit.co.in/assets/pdf/naac/2023-24/2.3.1%20(C).pdf**

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Course instructors adopt various innovative teaching and learning tools to enrich student learning experience. With the aid of ICT tools – projectors, online teaching learning platforms like MS teams, Kahoot, google classroom, library management system student's diverse learning needs are catered.

The campus is technology enabled with 24X7 Wi-Fi and internet facilities for the staff and students. Classrooms and Laboratories are Wi-Fi enabled with well-furnished computers and LCD projectors.

Various modelling tools like MATLAB, Multisim, Xilinx, KEIL MICROVISION, MYPOWER, SOLID EDGE V-19, ALGOR23.1, CNC MILL 6.1, CNC TURN 6.1, Turbo C, Codeblocks, Eclipse IDE, NS-2, Oracle 11g, Anaconda Jupiter Notebook are made familiar to students of various programs that can be utilized for project work and various applications.

Online video conferencing tools are adopted (Google Meet, Zoom and Microsoft Teams) for conducting classes online.

College digital library through "Knimbus" is having open access to e-books, periodicals, e-journals and e-resources along with OPAC system supporting online learning facility. KOHA Integrated Library Management System a multi user package designed and developed for library Automation for effective management of a library books from all aspects.

File Description	Documents
Upload any additional information	**View File**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	**https://dbit.co.in/assets/pdf/naac/2023-24/4.1.1.pdf**

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

145

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	**View File**
Circulars pertaining to assigning mentors to mentees	**View File**
mentor/mentee ratio	**View File**

2.4 - Teacher Profile and Quality

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

187

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	**View File**
Any additional information	**View File**
List of the faculty members authenticated by the Head of HEI	**View File**

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

58

File Description	Documents
Any additional information	**View File**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	**View File**

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

956

File Description	Documents
Any additional information	**View File**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	**View File**

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

According to the regulation every 5th ,10th and 14th week CIE will be conducted. The evaluated marks shall be shared with the students along with the scheme of evaluation. Scheme 2022: The weightage of Continuous Internal Evaluation (CIE) is 50% and for Semester End Exam (SEE) is 50%. The minimum passing mark for the CIE is 40% of the maximum marks (20 marks out of 50). Scheme 2021: Courses are classified into Basic Science, Engineering Science, Professional Core, Integrated Professional Core, Ability Enhancement, Humanity and Social Science and Management and Universal Human Value in ratio 17:17:26:13:10:13:4. The CIE is for 50 marks. The test, assignment and Quiz/Seminar/Lab component are 20, 10 and 20 depending on the course. Two lab internals are conducted for 100 mark scaled down to 20 and 30 allocated for records/journals. Scheme 2018: The CIE is for 40 marks. Three tests are conducted for 30 each semester and average is considered as final marks. Three assignments in batches with revised blooms taxonomy are given before each test with Surprise tests and quizzes conducted for 10 marks. Laboratory journals/records are evaluated for 24 and one test of 16 conducted at the end of the semester. This complete information is available on the VTU website so that the students are well informed, in advance. The statement of final CIE marks is shared with students and signed by them. Evaluation of final year B. E. /MBA project work and technical seminar is done based on well-defined rubrics which is also shared with the students well in advance.

File Description	Documents

Any additional information	**View File**
Link for additional information	https://dbit.co.in/assets/pdf/naac/2023-24/2.5.1.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institution strictly adheres to the guidelines and rules defined by the affiliating Visvesvaraya Technological University for the conduction of Continuous Internal Evaluation. The CIE marks for the test in a theory course shall be based on three tests generally conducted at the end of a fifth, tenth, and fourteenth week of each semester. At the end of CIE, bluebook is shared to the students for their concern. If the students are not satisfied they are shown the scheme of evaluation and convinced of their score. Beyond this, students can raise an online Grievance Redressal system. Edu Grievance is established in the institution which functions to the satisfaction of students, parents and other stakeholders ensuring greater confidentiality and transparency in dealing procedure. Depending on the type of grievance raised by the students, the committee shall meet and provides timely succour to aggrieved students.

File Description	Documents
Any additional information	**View File**
Link for additional information	https://dbit.co.in/assets/pdf/naac/2023-24/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Programme and Course Outcomes are integrated into the assessment process and clearly publicised through its website and other documents. All stake holders are made aware of PO, PSO & CO to enable an assessment of the standards for transfer of knowledge, skills & abilities specified under the program. It ensures transparency & credibility in terms of quality assurance through IQAC. Creating awareness of PO & CO offered by the program, leads to constructive co-operation of students & instructors to achieve the required skill sets. The PO and PSO are communicated through -http://www.dbit.co.in, Class Rooms and Department Laboratories, Display boards and Laboratory Manuals. The Course Outcomes of courses are communicated through respective course documents -Academic file, attendance register, IA question papers, Assignments and Question bank. Syllabus orientation is taken by each course instructor and curriculum delivery methods are mapped to attain CO & PO. Planning of instructional methods and assessment tools ensures the outcomes of the course are attained. Attainment of course outcomes instigate higher order thinking and helps students acquire the required skills related to the course. As a part of Indirect Assessment, Program Exit Survey is conducted by IQAC for all the branches of engineering. More than 95% of the students have responded to the Survey.

File Description	Documents
Upload any additional information	**View File**
Paste link for Additional information	https://dbit.co.in/assets/pdf/naac/2023-24/2.6.1.pdf
Upload COs for all courses (exemplars from Glossary)	**View File**

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

DBIT consistently strives to achieve excellence in education on Principles of Outcome Based Education with its learner-centric approach. The affiliating VTU designs curriculum based on the expected Course and Program outcomes. Students are well informed by the course instructors about the COs and POs leading to constructive co-operation of students &instructors to achieve the required skill sets of the programme / course. A standard excel template framed assesses the attainment of COs with respect to Continuous Internal Evaluation (CIE) & Semester End Examination (SEE). Two ways of attainments are adopted: 1. Direct attainment: Considered from CIE comprising of Internal assessment, Quiz, Assignments, Surprise Test. Question Paper for the Internal assessments are mapped to COs in line with the Blooms Taxonomy. 2. Indirect attainment: Attained from the Course Exit survey taken at the end of every semester and Program Exit Survey after the completion of the program. Calculations are as follows: · For CIE: >=70->3,>=60=2,>=40=1 SEE: >=60=3, >=50=2, >=35=1 · Course Outcome Statements designated with Bloom's Level identification and target setting for each CO is done. · Total Attainment calculated with weightage from CIE, SEE and CES as 70:20:10. · FINAL ATTAINMENT = 80% (Direct attainment) + 20% (Indirect attainment).

File Description	Documents
Upload any additional information	**View File**
Paste link for Additional information	https://dbit.co.in/assets/pdf/naac/2023-24/2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

547

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	**View File**
Upload any additional information	**View File**
Paste link for the annual report	https://dbit.co.in/assets/pdf/naac/2023-24/2.6.3.2.pdf

2.7 - Student Satisfaction Survey

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

https://www.dbit.co.in/assets/pdf/naac/2023-24/2.7.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

40.33

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	**View File**
List of endowments / projects with details of grants(Data Template)	**View File**

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

6

File Description	Documents
List of research projects and funding details (Data Template)	**View File**
Any additional information	No File Uploaded
Supporting document from Funding Agency	**View File**
Paste link to funding agency website	**https://vgst.karnataka.gov.in/PPMS**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

23

File Description	Documents
Report of the event	**View File**
Any additional information	**View File**
List of workshops/seminars during last 5 years (Data Template)	**View File**

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

69

File Description	Documents
Any additional information	**View File**
List of research papers by title, author, department, name and year of publication (Data Template)	**View File**

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

30

File Description	Documents
Any additional information	**View File**
List books and chapters edited volumes/ books published (Data Template)	**View File**

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college organizes a number of extension activities to promote the institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme and National Cadet Corps Units.NSS organizes a residential seven day camp in a nearby adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness, tree plantation, water conservation, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health check-up camp, etc. The NCC unit of the college comes under 39 KAR BN NCC Bengaluru. It aims at developing qualities of leadership, patriotism, maintaining discipline, character building, the spirit of adventure, and the idea of selfservice. The NCC unit of the college organizes various extension activities such as tree plantation, Swachhta Abhiyan, and National equality awareness. Other than NSS and NCC units, the various departments of the college are conscious of their responsibilities for shaping students into responsible citizens of the country by making students aware of social issues through various programs like Environmental Awareness, Plastic eradication, Voters awareness, Health check-up camps, Blood donation camps, etc. All these mentioned activities have a positive impact on the students and it developed student community relationships, leadership skills, and self-confidence of students.

File Description	Documents
Paste link for additional information	**https://www.dbit.co.in/assets/pdf/naac/2023-24/3.2.1.pdf**
Upload any additional information	**View File**

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

5

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

21

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

2311

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

119

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

38

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Don Bosco Institute of Technology prides itself on its comprehensive infrastructure designed to support the academic journey of students effectively. The institute's classrooms are thoughtfully equipped to blend traditional teaching methods and modern amenities, catering to the evolving needs of learners. Its laboratories offer adaptable workspaces furnished with state-of-the-art technology, seamlessly integrating both fundamental and ICT requirements while prioritizing safety protocols to ensure a secure and conducive environment for experimentation. The institution features spacious, intelligently designed classrooms equipped with LCD projectors, fostering an immersive learning experience. Moreover, it offers advanced facilities such as Smart Classrooms, Well-equipped Laboratories, a Skill Development Centre, PLM Training Centre, Kuka Robotics, Digital Academy – Cap Gemini, Samsung Innovation Centre, and Data Centre, enhancing the educational journey. Seminar halls facilitate various academic events, including seminars, workshops, and guest lectures by industry and academic experts. With cutting-edge technology like 1100 well-configured computers, 10 scalable servers and high-speed internet connectivity up to 100Mbps across the campus. The central library serves as a knowledge hub, housing a vast collection of study materials, books, e-Journals/eBooks, anddigital content. A significant portion of the annual budget is dedicated to acquiring updated learning resources, highlighting the institution's dedication to academic excellence and innovation.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2023-24/4.1.1.pdf

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

1. DBIT is well equipped with modern infrastructure and conducts both outdoor and Indoor sports. · Outdoor Game Facilities: Basketball (608 sq.m), Volley ball(162 sq m), Throw ball (224 sq m),Badminton, Cricket(12,400 Sq m), Handball, Softball, Judo, Football(7,700 sq m), Netball, Athletics, Archery, Wrestling and Martial Arts under modern games and yoga, kho-kho & kabaddi(516 Sq m) under traditional sports category. · Indoor Game: Table Tennis (288 Sq m),Chess, Carom and a multi gym of 12 workstations. · Trainings facilitated by the institute related to domain and soft skills, also houses a component pertaining to holistic development of students in terms of yoga, meditation etc, wherein the students and staff avail these facilities for the physical and mental well being.

2. The Department of Physical Education & Sports is headed by a Physical EducationDirector. In addition the external expert Coaches are hired to train the students to participate in various intramural competitions along with National/ State/ District/ Zonal/ Inter –Zonal/ Selection trials/ Inter-university/ South zone inter-university/ All India university tournaments as extramural competitions to enhance the students personality. It organizes National Festivals like National Youth Day, Yoga day, Republic day, Independence day, Engineers' day, Teacher's day Women's Day etc.

3. The institute constitutes and maintains "Kala Mandir", a committee to shoulder all the cultural activities on campus with "VISMAY" being the flagship cultural fest of the institute.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2023-24/4.1.2.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

69

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

69

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2023-24/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	**View File**

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

167.12

File Description	Documents
Upload any additional information	**View File**
Upload audited utilization statements	**View File**
Upload Details of budget allocation, excluding salary during the year (Data Template)	**View File**

4.2 - Library as a Learning Resource

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

The RRCK library stared in the year 2001. It is located in the main administrative block on the ground floor and is around 1200 square meters. Its layout allows for natural light to flood the space throughout the day, creating a welcoming atmosphere that facilitates successful learning. To assist the user community, the library employs specialists with extensive training. There are about 200 seats available for reading at any given moment. Completely automated library with Koha Software (Cloud version), Web OPAC and Gateway monitoring system.

Information resources are centralized in the DBIT Library. To meet the whole user community's information demands, we obtain the materials both in traditional print form and in electronic format. With the help of the VTU Consortium, e-resource databases, plagiarism tools, and subscription services, we provide a vast amount of information to users both on and off campus. More than 70,000 volumes of books, subscriptions to significant printed periodicals, magazines, newspapers, and a wealth of e-resources and technological tools are available at the library, along with membership at IIMB, DELNET interlibrary loan services, and many other resources that support the academic and research endeavors of all stakeholders.

We also have an advanced QR code system that enables users to drive connections to useful websites and access a multitude of open-access material. Instant assistance via email and WhatsApp will always be available to those who want it. Astudent forum, local chapter, advisory committee, and library development committee will also be present at the library.

File Description	Documents
Upload any additional information	**View File**
Paste link for Additional Information	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://dbit.co.in/assets/pdf/naac/2023-24/4.2.1.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases	A. Any 4 or more of the above

Remote access toe-resources

File Description	Documents
Upload any additional information	**View File**
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	**View File**

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

37.61

File Description	Documents
Any additional information	**View File**
Audited statements of accounts	**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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

201

File Description	Documents
Any additional information	**View File**
Details of library usage by teachers and students	**View File**

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Response: Don Bosco Institute of Technology strives to provide state-of-the-art technologies and IT facilities to ensure efficient functioning.

Internet Connection: The available internet bandwidth is 300 MBPS provided by Tata Teleservice Ltd. A second line by Airtel with bandwidth of 6 MBPS.

No. of Systems: Institute have total of 1131 systems and has upgraded 61 systems to TFT monitors and procured 151 Lenovo Desktop.

Firewall/Security: Institution renews firewall service Sophos-XG430 Xstream Protection-36 MOS and the license was renewed on 1st September 2022 and next renewal on 1st September 2025.

Wifi Facility: Institution have 2access point and 2 Injector Adapter. Wi-Fi connectivity of 300 Mbps is provided through Tata router.

I/O Devices: Institute had a total of 72 printers and 3 printers procured during the year 2023-24.

Projectors: The institute had total of 64 projectors, and procured new 22 projectors and manual screen logic. UPS: All computers have UPS Battery backup facility with 500 KVA.

CCTV: The institute had a total of 202 CCTV cameras in the campus. Access Points: The institute had a total of 28 access points and have procured new 75 new access point in the year 2023-24.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://dbit.co.in/assets/pdf/naac/2023-24/4.3.1.pdf**

4.3.2 - Number of Computers

1131

File Description	Documents
Upload any additional information	**View File**
Student – computer ratio	**View File**

4.3.3 - Bandwidth of internet connection in the Institution	A. ≥ 50MBPS

File Description	Documents
Upload any additional Information	**View File**
Details of available bandwidth of internet connection in the Institution	**View File**

4.4 - Maintenance of Campus Infrastructure

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

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

339.41

File Description	Documents
Upload any additional information	**View File**

Audited statements of accounts.	**View File**
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	**View File**

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

Physical facilities: The institute has a centralized "Facility Department" that supervises the utilization of physical infrastructure. On a periodical basis, the maintenance needs of the infrastructure get consolidated, and the maintenance activities get initiated through external agencies as might be required. Infrastructure maintenance includes maintenance of buildings (civil works, painting, and repairs), electrical system, plumbing system and gardening. Maintenance of generator, fire safety, housekeeping and security is done through Annual Maintenance Contract with specialized companies.

Laboratories: Each laboratory has one teacher as lab in-charge, a lab assistant and attendant. Lab in-charge is responsible to maintain and upgrade the laboratory with necessary equipment's from time to time as per university syllabus.

Stock verification (Physical Verification) is carried out to verify working/nonworking/missing equipment's etc.

Library: Librarian with supporting staff focus on the utilization and availability of instructional material in teaching and learning process, at end of the academic year stock verification is done.

IT facilities: All departments in the institute have computer systems, essential software, and peripherals. The laboratory technicians and lab in charge is responsible for utilization and maintenance of computer labs.Detailed procedure for maintaining and utilizing physical and academic support facilities is given as an attachment.

File Description	Documents
Upload any additional information	**View File**
Paste link for additional information	**https://dbit.co.in/assets/pdf/naac/2023-24/4.4.2.pdf**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1234

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**View File**
Upload any additional information	**View File**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	**View File**

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

113

File Description	Documents
Upload any additional information	**View File**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	**View File**

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above

File Description	Documents
Link to institutional website	**https://www.dbit.co.in/assets/pdf/naac/2023-24/5.1.3.pdf**
Any additional information	**View File**
Details of capability building and skills enhancement initiatives (Data Template)	**View File**

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

227

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1013

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies	A. All of the above

Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

210

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

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

17

File Description	Documents
Upload supporting data for student/alumni	**View File**
Any additional information	No File Uploaded
Details of student progression to higher education	**View File**

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

10

File Description	Documents
Upload supporting data for the same	**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/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

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

7

File Description	Documents
e-copies of award letters and certificates	**View File**
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	**View File**

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

DBIT is having a standard practice of identifying and nominating student representatives from each class who are very active and take initiatives in all activities of the Institute. Every department has formulated A committee under the name Department Advisory Committee(DAC) in which these identified students are nominated as student representatives , their opinions are taken and considered for the betterment of department and the Institution at large. Every class has a Class committee with student representation and their opinions are noted for modification of syllabus, subjects, Curriculum and academic/non-academic related. The institute offers numerous student forums/clubs to provide opportunity for students to participate in developmental activities like Co-Curricular, Extra curricular , Social and Community Development Activities. Throughout the year numerous events are organized for the students to pursue their hobbies. Cultural committee organizes annual cultural fest VISMAY and Kannada Rajyothsava celebration. Cultural committee student members are drawn from all the departments to ensure an overall participation from all. Students take active roles, coordinate, organize various activities under the guidance and support from the faculty members. The students take initiation to involve in numerous sports events to utilize facility for the development of physical fitness. Our students are also part of service and extension activities through NSS, NCC, Women empowerment Cell, Anti ragging committee, Grievance Redressal Cell and other committees.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2023-24/5.3.2.pdf
Upload any additional information	**View File**

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

53

File Description	Documents
Report of the event	**View File**
Upload any additional information	**View File**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	**View File**

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The association was established with the mission to create and maintain a lifelong connection between the institute and its alumni. Joining DBIT Alumni Association is one of the easiest way to reconnect, give back to the institute and serve as a spring board for further involvementThe Alumni Association was established in the year 2012 bearing Reg No: DRB – N /SOR/159/2012-13.DBITAA has evolved over the years with a series of its superlative initiatives through the below Six Major operations 1. ALUMNI VAAVE PORTAL: It has a strong ecosystem for Peer Learning, Job Board Access, Gallery, Updates on Events etc. 2. ALUMNI RECOGNITIONS: DBITAA Celebrates the achievements of the successful alumni through the flagship series titled "STAROF THE MONTH", "YOUNG ACHIEVER OF THE MONTH" & "MY STORY" . 3. EVENTS: DBITAA organises events such as Annual Alumni Meet (MILAN), Sports Meet, Business Meet etc. are organized for alumni. Similarly, Knowledge Sharing Events such as Expert Talks, Panel Discussions an so on 4. STATUTORY COMPLIANCE: DBITAA abides to the statutory requirements of NBA, NAAC and oyher bodies. 5. FUND RAISING: DBITAA facilitates Crowd-Funding by its Alumni to help the Meritorious Students Financially. 6. OUTREACH INITIATIVES: DBITAians thrive on bonding and emotions. DBITAA maintains regular contact with its alumni throughvarious communication channels such as Telephonic Calls, Mails, Exclusive Telegram group and the ERP Software module.

File Description	Documents
Paste link for additional information	**https://alumni.dbit.co.in/**
Upload any additional information	**View File**

5.4.2 - Alumni contribution during the year (INR in Lakhs) — A. ≥ 5Lakhs

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 and in tune with the vision and mission of the institution

Vision: To be a center of excellence to transform young minds in technical and management education, fostering innovation and entrepreneurial skills with ethical, environmental and societal responsibility.

Mission:

M1: To impart quality education in order to meet the needs of industry and society.

M2: To collaborate with academia, industry and research institutes to strengthen teaching and learning process.

M3: To promote equitable and harmonious development of students to work in teams.

M4: To imbibe lifelong learning skills and entrepreneurial skills exhibiting leadership.

M1: Mission 1 is subjected to realization. IQAC was set up in the year 2016 to meet the needs of industry. Teaching Learning Process is well defined. Benchmarks are set up by IQAC to provide quality education.

M2: During the past five years more than 70 MOUs are signed and 90% are active providing internships, conducting technical as well as non-technical events.

M3: Students are encouraged to work in teams which is visible in curricular and co-curricular activities.

M4: Students take part in skill development programmes. Many events are conducted on entrepreneurial skills.

The Governing council is constituted as per guidelines of AICTE. It comprises of the honourable members of the management, academicians, industrialists, the principal, senior professors, parents, alumni and student representatives. All Academic and Administrative issues are discussed,

The council of HOD's meet once in a week to discuss issues related to academics, appropriate decisions are made and circulated to all the staff through circulars. Also, department-level meetings are held once in a week.

File Description	Documents
Paste link for additional information	**https://www.dbit.co.in/assets/pdf/naac/2023-24/6.1.1.pdf**
Upload any additional information	**View File**

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Senior management believes with conviction in decentralised and participative management. The overall running of the Institution is divided as follows. 1)Academics 2) Logistics 3) Administration 4) Quality Standardization and

5) Finance. While the academics is coordinated by the principal but predominantly driven by the council of HOD's. The Hod's meet once in a week with the Principal and discuss the academics that influence the working of all department. Good practices are also, gracefully, shared so that such practices might suitably get institutionalised. The second level of decentralisation participative management is observed at the departmental level. Where as the HOD's coordinate all activities of the department, in larger departments where the strength is more than 60, there are class teachers for every section of 60 students. Class teachers significantly influence the working of their respective sections. Each section of 60 students is divided into mentee groups where in each group would have 20 students. Who would be taken care of by a mentor. In this manner, predominantly, the academic activities work in a participative manner. Additionally a network of committees work towards the accomplishment of specific functionality. This includes campus wide discipline, grievance redressal and others. Beyond academics, there exist admin and facilities that operate independently as support organisations.

As a major activity, IQAC, independently works towards the quality aspects of academics in an unbiased manner and shoulders the responsibility pertaining to quality frame works like NBA, NIRF and NAAC.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2023-24/6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

DBIT is very much keen on providing excellent ambience for learning, lush green and eco-friendly campus. The organization is committed to providing excellent Infrastructure, disciplined campus, experienced and qualified faculty, placement and training programs to meet the industry needs, and proctoring system to counsel the students on both academic and non-academic issues.

The management of the Institution always aspires for all round quality education for its stake holders.

The Long-Term Goals:

  * To strengthen Industry Academic Relations by having MOUs
  * Increase the number of Centres of Excellence on the campus.
  * Set up Incubation Centres for all departments
  * To attain 100% Placements
  * To attain NAAC with A++ status
  * To attain NBA for all departments
  * To achieve more university ranks
  * To achieve at least 10 patents every year.
  * To achieve University Status

Case StudyDon Bosco Institute of Technology organized Aarambh – 2023-24, an Inter-Department Events Competition organized to develop the students Creativity, Leadership Quality, Team Management, Presentation Skills, Communication Skills, Instant thinking and letter writing skills leading to National Level Symposium

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2023-24/6.2.1.pdf
Upload any additional information	No File Uploaded

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

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

Patron is the chairman of the Governing Council. The Governing Council is responsible for Policy Making and is approved in the governing council meeting. The decision-making procedures are made at appropriate levels in the organizational Hierarchy.

The Principal and the IQAC constitute the committees for delegation of roles and responsibilities in the smooth implementation of policies concerning academics, research and development activities, admissions, examinations, training and placements and industry institute interactions. The principal ensures continuous improvement, periodic evaluation and monitoring of various processes.

HoD's provide inputs through the departmental system and participative decision-making process are in practice. Timely implementations of the decisions are taken in the HoD's meeting.

The institution strictly follows the service rules according to the AICTE norms and recruitment is taken place according to the norms of the university. A body comprising of Executive director/Secretary, Principal, HoD and subject expert decides the worthiness of the faculty member by his/her performance in the interview according to the parameters meeting good academic standards.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2023-24/6.2.2.pdf
Link to Organogram of the Institution webpage	https://dbit.co.in/administration/organization-structure
Upload any additional information	View File

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**
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	**View File**

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

List of welfare measures provided by the Institute for teaching and non-teaching staff.

1. Various leaves available to teaching and non-teaching staff are vacation leave, casual leave and maternity leave.
2. Employee Provident Fund for teaching and non-teaching staff
3. Accident benefit Insurance is provided for staff and students
4. Gratuity benefit is provided for teaching and non-teaching staff.
5. Employment State Insurance facility for non-teaching staff.
6. Free health screening camp-2023 was conducted for both staff and students.
7. Financial Assistance is provided for the faculty to attend FDPs , Conferences, Seminars etc.

File Description	Documents
Paste link for additional information	**https://www.dbit.co.in/assets/pdf/naac/2023-24/6.3.1.pdf**
Upload any additional information	**View File**

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

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

35

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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**View File**
Reports of Academic Staff College or similar centers	**View File**
Upload any additional information	**View File**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	**View File**

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

257

File Description	Documents
IQAC report summary	**View File**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**View File**
Upload any additional information	**View File**
Details of teachers attending professional development programmes during the year (Data Template)	**View File**

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Performance-based appraisal reports are essential for the growth of an organization and the employee. It helps the organization to find out whether the employee is being productive or is a liability. At DBIT, performance appraisal reports encourage faculty members to make excellent performances in teaching-learning and research. The institution has a performance-based appraisal system for the assessment of teaching and non-teaching staff.

The appraisal report is based on the annual performance of an employee on the basis of their academic, research, and other extracurricular activities. It is also based upon his/her relation with the students, colleagues, and administration.

The performance appraisal report is to be filled by employees in a given prescribed format which includes all the data related to points and sub-points. The forms are filled by the employee as per the prescribed proforma and are reviewed by the HODs and the Principal. The overall report is further reviewed by the chairman of the governing body. The employee appraisal shall be done after the recommendation of governing body members.

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2023-24/6.5.3.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Internal and External Audit The Auditor covers the following aspects while conducting the audit, to name a few: 1.A thorough examination of all systems 2.Internal Controls Assessment 3.Arithmetic Precision 4.Principles of Accounting 5.Statutory Obligations The auditing process involves sending questionnaires, looking at accounting records, checking internal controls for verification of financial processes, etc. Auditors will perform analytical procedures and determine the inherent risk. An audit plan will be developed after taking into consideration the control risk and understanding the internal control structure. These common objectives help gather the evidence before preparing an audit report. At the conclusion of the audit, the auditor provides us with a report, known as the audit report. In the said report is mentioned the opinion of the auditor. This is where the auditor provides their professional opinion on whether the financial statements are fairly presented and following applicable accounting standards. The auditor is neither trained as nor expected to be an expert in the authentication of documents. Further, an audit is not an official investigation into alleged wrongdoing. Furthermore, because of the inherent limitations of an audit, there is always an unavoidable risk that some material misstatements of the financial statements may not be detected, even though the audit is properly planned and performed.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2023-24/6.4.1.pdf
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

12.41570

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Mobilisation:

DBIT is a Private/Self-financing Institute. It mobilizes funds through tuition fees, college fees, fees for other facilities like Hostel and Transportation.

During academic year 2023-24. A fund of Rs.4,12,000/- from RRCC Club for using the cricket ground, A sum of Rs. 5,31,000/- from Samsung Innovation Centre, Rs.60,810/- for conducting NTA-JEE Exam, Rs. 27,000/- for conducting GATE Exam. Rs.7,800/- from Hindustan Copper Limited & IITM. Also received fundings from TCS, SWAYAM-NPTEL and others.

Utilization:

Considering the budget proposals of department heads, the principal reviews the actual expenses of previous year and requirements of all departments in consultation with the management and Accounts Officer, prepares a consolidated college budget. If any under-utilization or over utilization of funds occur, then appropriate decisions are taken to reallocate the funds.

Utilization Funds are allocated to encourage research and development activities and for enhancing library facilities like subscriptions to Books/ Journals/ Periodicals/ Magazines. Conduct conferences, workshops, FDPs, training programs for staff and sports etc., to ensure the quality education in the institute. Conduct student activities like Induction-cum-Orientation Programs, technical competitions, cultural activities, literary events, seminars, workshops, placements, Industrial visits etc. To maintain environment-friendly campus with facility for rainwater harvesting, waste management, solar plant etc.,Adequate funds are utilized for maintenance of infrastructure of the Institute towards upkeeping of the fixed assets, maintenance of classrooms, repairs & maintenance of laboratories, administrative set up and maintenance etc.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2023-24/6.4.3.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The objectives of IQAC are to develop a system for pragmatic and consistent action to improve and sustain the academic and administrative performance of the institution. Once the VTU academic calendar is released, the institution Calendar of Events is prepared by IQAC. Schedule to conduct Internal Assessment Test, feedback and other academic activities are indicated in the CoE. Targetis set for conducting seminars, workshops, FDPs and other academic events in the CoE. The IQAC forms different committees, that comprise members drawn from all departments. Based on the recommendations of the IQAC, an organized methodology of documentation and internal communication, the merits and areas of improvement for each program are highlighted. It considers the following three different reports to evaluate academic quality.

1. Quality Assurance Report I: Theory course file

2. Quality Assurance Report II: Personal File

3. Quality Assurance Report III: Department Academic Files

The IQAC conducts Internal Academic Audit once in a semester and external academic audit once in a year. IQAC ensures that committee members are fully briefed to carry out their objectives, roles, responsibilities and standard operating procedures appropriately with the supervisory look at the IQAC documents listed above. It is in a position to identify the good practices being followed by one or more department and it institutionalizes the identified good practices across the institution.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2023-24/6.5.1.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC plays a very important role in inculcating quality culture in the Institute. The IQAC conducts Academic Audit once a semester. The objectives of IQAC are to develop a system for pragmatic and consistent action to improve and sustain the academic and administrative performance of the institution.

  • The IQAC forms different committees, that comprise members drawn from all departments. Based on the recommendations of the IQAC, an organized methodology of documentation and internal communication, the merits and areas of improvement for each program are highlighted. It considers the following three different reports to evaluate academic quality

1. Quality Assurance Report I: Theory course file
2. Quality Assurance Report II: Personal File
3. Quality Assurance Report III: Department Academic Files

IQAC ensures that committee members are fully briefed to carry out their objectives, roles, responsibilities and standard operating procedures appropriately with the supervisory look at the IQAC documents listed above. It is in a position to identify the good practices being followed by one or more department and it institutionalizes the identified good practices across the institution.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2023-24/6.5.2.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.dbit.co.in/assets/pdf/naac/2023-24/2.6.3.2.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	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

The institution is dedicated to fostering gender equity through a comprehensive framework of policies, committees, and facilities. It's Gender Equity and Inclusiveness Policy is reinforced by statutory committees such as the Anti-Sexual Harassment Committee (CICC), Women Empowerment Committee, and Internal Complaints Committee (ICC), ensuring a safe and respectful environment. Gender balance is actively maintained among students, faculty, senior roles, and sports teams, reflecting inclusivity at all levels. Robust safety measures include 24/7 security coverage, strategically placed CCTV cameras, and gender-specific hostel wardens. The women's hostel is supervised by a female warden and security officer, ensuring a secure and supportive environment. Suggestion and complaint boxes encourage open feedback, addressing concerns promptly. The Women Empowerment Cell conducts awareness programs, including International Women's Day promoting gender equity and women's rights. Counseling services, led by senior female counselor Mrs. Sajani Bhat, provides professional guidance on mental health and personal development. Dedicated facilities for girls include separate common rooms, restrooms with sanitary amenities, and a Health Centre with qualified Physician. These initiatives collectively

promote safety, inclusivity, and holistic well-being, underscoring the institution's unwavering commitment to gender equity and empowerment

File Description	Documents
Annual gender sensitization action plan	https://donboscoit-my.sharepoint.com/:b:/g/personal/iqac_dbit_co_in/EeZX-yBlbA1NsdJLi986kGgBvtxaAqWqJ4QBOg8HD3Bbvg?e=yo2dep
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://dbit.co.in/assets/pdf/naac/2023-24/7.1.1%20(B).pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institution is committed to sustainable waste management and environmental responsibility. To promote proper disposal and segregation of waste, we have provided dustbin facilities in every corridor of the building, as well as in several other areas such as the ground, canteen, and other common spaces. These bins are strategically placed to encourage the segregation of solid waste, making recycling and disposal more efficient and organized.

In terms of liquid waste management, we have a 150 KLD capacity tank that collects and stores liquid waste. This treated water is then repurposed for gardening and landscaping purposes, minimizing water wastage and supporting our green initiatives.

For e-waste, our institution has established a dedicated storage room where electronic waste is collected. Once accumulated, the e-waste is sold to a private agency for responsible recycling and disposal, ensuring that harmful materials are processed safely.

Additionally, we take great care to ensure that our institution does not generate medical waste, hazardous chemicals, or radioactive waste. This proactive approach ensures that we are not only compliant with environmental regulations but are also contributing to a cleaner, safer, and more sustainable campus. These efforts reflect our commitment to environmental stewardship and waste minimization.

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	**View File**
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institutional environment and energy initiatives 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	No File Uploaded
Any other relevant information	**View File**

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	**View File**
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the 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 socioeconomic and other diversities (within 200 words).

The institution has fostered a culture of inclusivity, embracing diversity in all its forms, including cultural, regional, linguistic, communal, socioeconomic, and more. A range of initiatives and practices has been put in place to address these diversities comprehensively

1.The institution observes Cultural Festival VISMAY and celebrates Kannada Rajyotsava which includes cultural activities.

2. We celebrate Independence Day, Republic Day, Engineers Day, and Teachers Day with great fervour, fostering a sense of regional pride and national unity.

2. World Environment Day, International Yoga Day, and National Sports Day are observed with fervour, fostering a sense of national unity and global solidarity.

3. The NSS unit of the institution undertakes specialized initiatives to bridge cultural, regional, and socioeconomic divides, promoting inclusivity and diversity.

4. Through its annual events like the Cultural Fest, Sports Day, and other cultural programs, the institution provides opportunities for students to come together, share their experiences, and foster a sense of community and belonging.

5. The institution's participation in AICTE activities is a reflection of its commitment to excellence, and its efforts to promote inclusivity, tolerance, and harmony, demonstrate its resolve to create a community that values diversity, promotes social cohesion, and supports the well-being of all students.

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

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

The institution emphasizes sensitizing students and employees to constitutional obligations by promoting values, rights, duties, and responsibilities essential for becoming responsible citizens. Activities are aligned with the principles of justice, liberty, equality, and fraternity enshrined in the Indian Constitution.

Key initiatives include workshops and seminars on fundamental rights, duties, and social justice to emphasize constitutional values. National days like Constitution Day, Independence Day, and Republic Day are celebrated through debates, speeches, and quizzes, fostering patriotism and civic responsibility. Community service programs such as Swachh Bharat Abhiyan, voter awareness campaigns, and tree plantation drives engage students in active citizenship. Awareness programs on codes of conduct instill ethical practices and accountability among students and staff. An integrated curriculum featuring courses on human rights, environmental ethics, and social responsibilities educates students on constitutional principles and societal duties.

Additionally, the Electoral Literacy Club promotes voter awareness, encouraging young individuals to actively participate in elections. Students also study Universal Human Values (UHV) as part of their academic syllabus, which fosters ethical, empathetic, and responsible behavior. These efforts aim to instill civic responsibility, ethical conduct, and social awareness, preparing students to contribute positively to society while upholding the Constitution's ideals.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to 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 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 4. Annual awareness programmes on Code of Conduct are organized	**A. All 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 programs 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

Our institution proudly upholds a rich tradition of celebrating national and international events, festivals, and significant days, fostering cultural enrichment, societal awareness, and civic responsibility. National celebrations such as Independence Day and Republic Day are marked with flag hoisting, cultural performances, and speeches, reflecting patriotism and respect for heritage. Similarly, Teachers' Day and Engineers' Day honor the legacies of Dr. Sarvepalli Radhakrishnan and Sir M. Visvesvaraya, inspiring excellence and innovation.

Special observances like National Sports Day commemorate Dhyan Chand's achievements, while National Librarians' Day honors Dr. S. R. Ranganathan's contributions to library science. National Youth Day, dedicated to Swami Vivekananda, motivates students toward personal and societal development.

The institute also engages in global initiatives like World Environment Day and World Water Day to promote sustainability and address pressing environmental concerns. Cultural festivals such as Diwali, Eid, and Christmas are celebrated to foster inclusivity and mutual respect. Women's Day on March 8th, organized by the Women Empowerment Committee, emphasizes gender equality and empowerment.

These diverse activities not only highlight the institute's dedication to holistic development but also instill values of unity, inclusivity, and global responsibility among students and employees.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**View File**
Geo tagged photographs of some of the events	**View File**
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE I

1. Title of the Practice: Strengthening Alumni Engagement and Networking at DBIT

2. Objectives of the Practice: The aim is to create a strong alumni network that enhances career opportunities, mentorship, and institutional growth while integrating alumni expertise into curriculum development and industry collaborations.

3. The Context: The challenge was geographical dispersion and maintaining alumni engagement. A platform was needed to bridge the gap and incorporate alumni feedback into institutional strategies.

4. The Practice: DBIT fosters alumni engagement through regular meet-ups, webinars, mentorship programs, and an alumni portal. Annual events like "MILAN" promote professional networking. Sponsorships and a membership drive helped address funding challenges.

5. Evidence of Success: Over 70% alumni participation in MILAN and improved career placements through mentorship indicate success. Surveys show high satisfaction among alumni and students.

BEST PRACTICE II

1. Title of the Practice: Mentoring Process for Student Development and Academic Progress

2. Objectives of the Practice: The objective is to provide continuous academic and personal support to students, monitoring their progress to improve performance and overall development.

3. The Context: This practice addresses challenges like supporting slow learners and motivating students for co-curricular activities.

4. The Practice: Each student is assigned a mentor who tracks progress, provides counseling, and conducts remedial classes. Fast learners are encouraged to engage in co-curricular activities.

5. Evidence of Success: Improved attendance, academic performance, and co-curricular participation highlight the process's success. Remedial classes have positively impacted student outcomes.

File Description	Documents
Best practices in the Institutional web site	**View File**
Any other relevant information	**View File**

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Don Bosco Institute of Technology (DBIT) has emerged as a beacon of change in Bangalore, fostering holistic community development through its flagship initiative, "DHARI DEEPA – The Spirit of Enlightenment", located at the intersection of urban and rural Bangalore, DBIT is dedicated to empowerunderprivileged students with inclusive, innovative education. The institute offers fee concessions, recruits local faculty, and implements gender sensitization programs to ensure a respectful, inclusive campus. DBIT's personalized approach includes psychometric evaluations, soft skills training, and practical exposure through labs in Material Science and Renewable Energy, enhancing students' employability.

Strategic collaborations with the Samsung Innovation Centre, industry partners, and the ICT Academy ensure students gain real-world experience and insights. The mentoring system and active alumni network further guide

students in their academic and professional journeys. Beyond academics, DBIT engages with local communities through skill development and employment initiatives, creating a ripple effect of empowerment.

DBIT's commitment to education, innovation, and community transformation continues to shape the region's socio-economic landscape, fostering positive change for students and society alike.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- An online survey to collect feedback on curriculum from students, staff, alumni and employers is planned to be initiated revising the present questionnaire and corresponding analysis. Immediate implementations of the suggestions were carried out in various areas.
- To study and analyze the developments with respect to Academic Bank of Credits.
- Teaching the students beyond syllabus will be further encouraged by conducting value added courses and vocational courses.
- IQAC plays a very important role in inculcating quality culture in the Institute. The IQAC plans to conduct Internal Academic Audit once in a semester and External Academic audit once in a year.
- Performance-Based appraisal reports of the faculty is carried out.
- To Promote Quality Education through OBE system by implementing NEP 2020 Scheme. Several skill development programmes, Programmes on innovation through Institutions Innovation Council, awareness programmes, Self-learning Platforms are planned to be introduced.
- IQAC has been instrumental in perceptible increase in number of Workshops, Seminars, FDP, Conferences with bringing in many national & International experts in various fields across Increase in Faculty participation in research through conducting subject conferences, Seminars in Research Methodology, scientific writing and publishing, & creating SOP for enhancing the quality of research in various departments. Research Analysis of research articles in journals published by the faculty members.Capacity building and strengthening of IPR and innovation