



YEARLY STATUS REPORT - 2022-2023

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	9663658899
• Registered e-mail	principal@dbit.co.in
• Alternate e-mail	dbit.principal@gmail.com
• Address	MYSURU ROAD, KUMBALAGUDU, BENGALURU-560074
• City/Town	BENGALURU
• State/UT	KARNATAKA
• Pin Code	560074
2.Institutional status	
• Affiliated /Constituent	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
• Mobile	9886982901

• IQAC e-mail address	iqac@dbit.co.in				
• Alternate Email address	manjulasd@dbit.co.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.dbit.co.in/assets/about/pdf/naac/NAAC_AOAR-2021-2022_f.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://dbit.co.in/assets/pdf/naac/2022-23/PART%20A%20-%20ACADEMIC%20CALENDER%20-%202022-2023.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
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	
CIVIL ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
CIVIL ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	3000	
CIVIL ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
COMPUTER SCIENCE AND ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	5000	
COMPUTER SCIENCE AND ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
ELECTRICAL AND ELECTRONICS ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	6000	
ELECTRONICS AND COMMUNICATION ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	5000	
ELECTRONICS AND COMMUNICATION ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
INFORMATION SCIENCE AND ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
INFORMATION SCIENCE AND ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
INFORMATION SCIENCE AND ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
INFORMATION SCIENCE AND ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
INFORMATION SCIENCE AND ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	4000	
MECHANICAL ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	7000	
MECHANICAL ENGINEERING	46 th series of Student Project Programme	KSCST	2022-23 (1 Year)	7000	
COMPUTER SCIENCE AND ENGINEERING	K-Fist	VGST	2022-25 (5 years)	300000	
8.Whether composition of IQAC as per latest NAAC guidelines	Yes				

<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	4
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
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)	
<ul style="list-style-type: none"> AQAR for the academic year 2021-22 has been documented and submitted to NAAC through Portal. In view of the ensuing NBA inspection, a software-based automation tool has been implemented which would automatically compute the Course Attainment. IQAC has played important role in achieving NBA for Civil Department and Re-Accreditation of CSE, ISE, ECE & EEE. Successfully Promoted Quality Education through OBE system by implementing NEP 2020. Several skill development programmes, programmes on innovation, self-learning programmes, Health check-up camp, awareness programmes, National festivals etc. were conducted according to the plan. 	
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
Prepare Institution Calendar of Events including schedule for IA test, feedback, and Targets set for conducting other activities	IA test were conducted according to schedule. Adequate number of seminars, workshops, FDPs, awareness programmes are conducted by all departments.
A software-based automation tool was planned to be implemented to compute the Course Attainment.	The faculty calculated appropriate calculations of CO attainment and PO attainment with greater ease
Internal and External Academic Audit is planned to be conducted	The Internal Academic Audit was conducted for the academic year 2022-23 after completion of Odd & Even Semesters of all the programs by Academic Committee.
Faculty feedback by students	Faculty feedback by students taken and analysed.
To participate in QS I GAUGE Ranking	Data collection towards QS I GAUGE Ranking is in process.
13.Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Governing Council	06/01/2024
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
AISHE CODE: C-1258 (Survey Year: 2022-23)	04/04/2024
15.Multidisciplinary / interdisciplinary	
<p>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:</p> <ol style="list-style-type: none"> Commitment to fulfil the need of skillset development as part of academics. Inter disciplinary activities. Multidisciplinary approaches to integrate human values with technical education. <p>There will be following types of courses in a B. E./ B.Tech. programme, namely:</p>	

1. Humanities and Social Sciences, including Management, Skill enhancement and Economics
2. Basic Sciences including Mathematics, Physics, Biology and Chemistry.
3. Engineering Sciences including Workshop, Drawing, Basics of Electrical/Civil/Mechanical/Computer Engineering, Materials and Instrumentation
4. 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.
5. 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.
6. 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.
7. 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
8. Ability Enhancement Courses: These are generic skill courses which are basic and needed to all to ensure progression across all careers.
9. Non-Credit Mandatory Courses: These are courses on peripheral subjects in a programme, wherein familiarity is considered mandatory.
10. Project work: Mini Project and Internship are also considered as courses in the programme.

The above types of courses in a B. E/ B.Tech programme are offered as follows:

Sl. No.	Course	No. of credits
1.	Humanities and social sciences	3 credits
2.	Basic Sciences	2 to 4 credits
3.	Engineering Sciences	2 to 4 credits
4.	Professional Core Courses	2 to 4 credits
5.	Professional Elective Courses	2 to 4 credits
6.	Open Elective Courses	2 to 4 credits
7.	Skill development Courses	1 to 3 credits
8.	Ability Enhancement Courses	1 to 2 credits
9.	Non - Credit Mandatory courses	No credits
10.	Project Work	10 credits
11.	Mini Project work	3 credits
12.	Internship	6 credits

During the A.Y. 2022-23, these additional courses up to fourth 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.

Internships: In addition to the courses briefed in the previous paragraphs, the 2022 curriculum suggests the following internships which is a mix of three components:

1. Department specific internship
2. Soft skill development
3. Technology based skill development.

The internships of future semester as indicated in the table above are briefed in the following paragraphs:

Innovation/ Entrepreneurship/ Societal based Internship (21INT68):

Innovation Internship shall be carried out at industry, State and Central Government /Non-government organizations (NGOs), micro, small and medium enterprise (MSME), Innovation centers or Incubation centers. Innovation need not be a single major breakthrough; it can also be a series of small or incremental changes. Innovation of any kind can also happen outside of the business world.

Entrepreneurship internships offers a chance to gain hands on experience in the world of entrepreneurship and helps to learn what it takes to run a small entrepreneurial business by performing intern duties with an established company. This experience can then be applied to future business endeavors. Start-ups and small companies are a preferred place to learn the business tack ticks for future entrepreneurs as learning how a small business operates will serve the intern well when he/she manages his/her own company.

Entrepreneurship acts as a catalyst to open the minds to creativity and innovation. Entrepreneurship internship can be from several sectors, including technology, small and medium-sized, and the service sector.

Societal or social internship: Urbanization is increasing on a global scale; and yet, half the world's population still resides in rural areas and is devoid of many things that urban population enjoy. Rural internship, is a work-based activity in which students will have a chance to solve/reduce the problems of the rural place for better living.

Research internship/ industry/Rural internship

Research internship: A research internship is intended to offer the flavour of current research going on in the research field. It helps students get familiarized with the field and imparts the skill required for carrying out research.

Industry internship: Is an extended period of work experience undertaken by students to supplement their degree for professional development. It also helps them learn to overcome unexpected obstacles and successfully navigate organizations, perspectives, and cultures. Dealing with contingencies helps students recognize, appreciate, and adapt to organizational realities by tempering their knowledge with practical constraints.

Rural internship: A long-term goal, as proposed under the AICTE rural internship programme, shall be counted as rural internship activity. The student can take up Interdisciplinary Research Internship or Industry Internship. The faculty coordinator or mentor has to monitor the students' internship progress and interact with them to guide for the successful completion of the internship. The students are permitted to carry out the internship anywhere in India or abroad. University shall not bear any expenses incurred in respect of internship

AICTE Activity points:

Our University adheres to AICTE Activity Point Programme by which every regular student is expected to earn 100 points and every lateral entry student (who joins the UG programme from 3rd semester) should complete 75 points. The activities listed by AICTE advocates the development of community feeling, social responsibility and skill set development and holistic living in students. Earning these points is mandatory although this will not impact their SGPA/CGPA. Although our students are carrying out these activities since 2018, the type of activity and the innovations explored by our faculty is phenomenal during the past two years. This ability of our faculty is owing to several informal discussions and the change to the Vision and Mission of our institute itself. Following list of activities as suggested by AICTE works as a guiding framework for our institution to define the activity, conduct the associated tasks and evaluate the same.

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. Our institute is looking forward to have all our students registered under ABC.

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. Following external training agencies were being contacted for a detailed curriculum design: 1. M/s Primos 2. M/s Pentagon space and 3)M/s genesis (for soft skill development) and 4) M/s AANS technologies (for technical skill development).

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 2022-23, VTU also introduced teaching in Kannada for the Engineering courses. However, in our institution, no student has exercised this option. During the academic year 2022-23, 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 accreditation since 2008 and hence has strong roots with experience in running OBE programs. Curriculum framing sets the course outcomes for 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 2021 and 2022 curriculum has undergone changes to meet the needs of skill-based education which is also emphasized by NEP 2020. 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 2022 scheme students.

To achieve better sophistication a software base automation tool has been implemented which would compute the Course Outcomes and Program Outcomes considering the Continuous Internal Evaluation, Semester End Examination, Course end Survey and Program Exit Survey.

20.Distance education/online education:

The term "Open and Distance Learning" (ODL) has two parts viz. a.Open learning and b.Distance learning. 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. 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).

Extended Profile

1. Programme

1.1	360
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File

2. Student

2.1	2897
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	597
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File

2.3	533
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File

3. Academic

3.1	188
Number of full time teachers during the year	
File Description	Documents
Data Template	View File

3.2	196
Number of sanctioned posts during the year	
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)	Rs. 840.39
4.3 Total number of computers on campus for academic purposes	1100

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, Attainment is calculated.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/1.1.1.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 conduction 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 guidance are 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 document	View File
Link for Additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/1.1.2.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)

36

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

3530

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, 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

28

File Description	Documents
Any additional information	No File Uploaded
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
Institutional Data in Prescribed Format	View File

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

1756

File Description	Documents
Any additional information	No File Uploaded
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	https://www.dbit.co.in/assets/pdf/naac/2022-23/1.4.1.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.dbit.co.in/assets/pdf/naac/2022-23/1.4.2.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 students admitted during the year**

816

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**

597

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, skill development programs and BE honour for the students who have CGPA 8.5 and above. 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
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/2.2.1%20(A).pdf https://www.dbit.co.in/assets/pdf/naac/2022-23/2.2.1%20(B).pdf https://www.dbit.co.in/assets/pdf/naac/2022-23/2.2.1%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
2897	188

File Description	Documents
Any additional information	No File Uploaded

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 cases reflecting 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 App offers eBook collections, e-Course materials, latest journal issues and multimedia learning content <https://dbitb.knimbus.com/user#/home>. 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 8.5 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://dbitb.knimbus.com/user#/home https://www.dbit.co.in/assets/pdf/naac/2022-23/2.3.1%20(A).pdf https://www.dbit.co.in/assets/pdf/naac/2022-23/2.3.1%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, Cadence, 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	View File

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

158

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

188	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

53

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

1038

File Description	Documents
Any additional information	No File Uploaded
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://www.dbit.co.in/assets/pdf/naac/2022-23/2.5.1.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://www.dbit.co.in/assets/pdf/naac/2022-23/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

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

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.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/2.6.1.pdf
Upload COs for all Programmes (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: $\geq 70 \rightarrow 3, \geq 60 = 2, \geq 40 = 1$

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 50:40:10.

· FINAL ATTAINMENT = 80% (Direct attainment) + 20% (Indirect attainment).

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/2.6.2.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

562

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/2022-23/2.6.3.2.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/2022-23/2.7.1.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)

3.7

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 teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

23

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

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

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

6

File Description	Documents
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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	www.kscst.org.in and https://vgstdst.karnataka.gov.in/en

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has established the Institute-Innovation Council (IIC) based on the ideologies of IIC established by the Ministry of Education to enable students to develop a creative and innovative outlook. Guest lectures are organised for students to invoke their intrinsic abilities to innovate and nurture them.

The institution has established

1. Entrepreneurship Development Cell through which start-up corporates are encouraged by providing them with the necessary support enabling them to evolve into successful ventures. In the process, the students are also benefitted by working in such start-ups, on campus, gaining knowledge in specific domains. The institute believes, strongly, that such incubation centres are the potential place where innovations take birth. In the process, the students are also benefitted by working in such start-ups, on campus, gaining knowledge in specific domains.
2. Samsung Innovation Cell provides ICT education to students and unemployed youth. Along with core competencies such as AI, Coding and Programming, the program trains participants on a range of soft skills to foster talented youth. Young people who want to develop their technical talents can learn about ICT technology and improve their skills through the program.

The quest to add new branches of Engineering by making the investment required for such additions is always a vital focus of the institution and the newly added branches increase knowledge generation and dissemination through a big quantum.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/3.2.2.pdf

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

14

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

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

9

File Description	Documents
URL to the research page on HEI website	https://www.dbit.co.in/research/aboutus
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

44	
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
3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	
3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year	
38	
File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File
3.4 - Extension Activities	
3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year	
<p>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. Through these units, the college undertakes various extension activities in the neighbourhood community. 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. It also helped in cultivating the hidden personalities of students and created awareness among students.</p>	
File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/3.4.1.pdf
Upload any additional information	View File
3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year	
3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year	
14	
File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File
3.4.3 - 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	
3.4.3.1 - 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	

7	
File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1619

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

242

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

27

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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, and digital 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://www.dbit.co.in/assets/pdf/naac/2022-23/4.1.1.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 Ph.D Director. 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://www.dbit.co.in/assets/pdf/naac/2022-23/4.1.2.pdf

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

69

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/4.1.3.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)

115.23

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 started 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. A student 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	https://www.dbit.co.in/assets/pdf/naac/2022-23/4.2.1.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

A. Any 4 or more of the above

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)

29.29925

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

3020

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	No File Uploaded

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 1022 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 2 access 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 2022-23.

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 240KVA.

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 2022-23.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/4.3.1.pdf

4.3.2 - Number of Computers

1100

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. \geq 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)

392.1

File Description	Documents
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Upload any additional information	No File Uploaded
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://www.dbit.co.in/assets/pdf/naac/2022-23/4.4.2.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

2154

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
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

74

File Description	Documents
Upload any additional information	View File

Number of students benefitted 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/2022-23/5.1.3.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		
10		
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year		
10		
File Description	Documents	
Any additional information	View File	
Number of students benefitted 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 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		A. All of the above
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		
294		
File Description	Documents	
Self-attested list of students placed	View File	
Upload any additional information	View File	
Details of student placement during the year (Data Template)	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		
18		

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

32

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	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.

8

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)

Institute is having a practice of identifying student representatives from each class who take part in planning and carrying out various activities of the College. Every Department Advisory Committee (DAC) have student representatives. The student representatives are regularly invited to the DAC Meetings and their opinions are also considered for the betterment of the department and institution. Every class has a Class Committee with student representatives have to signify their views in subjects, syllabus, other related issues and problems. The College offers numerous Student Forums / Clubs to provide opportunity to students to participate in wide range of 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 conducts annual cultural fest VISMAY and Kannada Rajyothsavathrough Cultural committee. From all departments, student's representatives will be the members of Core committee. Students are coordinating and organizing various activities with the guidance of faculty members. The students take initiation to involve in sports to utilize facility for the development of physical fitness. The students are 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/2022-23/5.3.2.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)

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

12	
File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
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 Institution has a vibrant Alumni Association. It arranges activities and major contributions for institutional, academic and infrastructure development. The alumni work in different areas like engineering, business and government organizations. They are entrepreneurs and are pursuing higher studies in reputed Universities in India or from foreign. The Alumni Association bearing Reg No: DRB - N /SOR/159/2012-13 was established in the year 2012 with the mission of "DBIT Alumni Association" to create and maintain a lifelong connection between the institute and its alumni. The DBIT Alumni Association is a hub of activities for the positive outcome of all stakeholders. It is a front-runner to ensure comprehensive growth.

List of Activities arranged regularly

- Annual Alumni Meet called MILAN once in a year to draw all Alumni across all batches.
- Alumni Cricket Tournament 2023 was held in Mar-2023 for the Alumni in DBIT Cricket Ground.
- Each Department also arranges In-house Events such as Workshops / Expert Talk Sessions by Alumni to boost Alma mater - Alumni relations under the banner of their Chapters.
- To achieve self-sufficiency in each Department in terms of providing Internships, Seminars & Training sessions and Placements to the Students.
- The signing of MOUs with Corporate to enhance Industry-Institute interactions.

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. \geq 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.

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, approved and implemented.

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 to discuss progress made, set targets and lay out a plan of action.

For a smooth, transparent and effective functioning of the institute, the IQAC constitutes of various committees like Anti-ragging committee, NBA, NAAC, R&D, Test and Examination, Women Empowerment Committee, Grievance Redressal Committee and Anti-Sexual harassment Committee College Internal Complaints Committee and so on.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/6.1.1.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 departments. 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/2022-23/6.1.2.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
 1. Case Study

Don Bosco Institute of Technology organized DBIT GOT TALENT - 2022-23, 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. It was organized during 16th and 17th December 2022. 289 teams with one, two and three members in a team had participated.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/6.2.1.pdf
Upload any additional information	View File

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 body. The Governing body 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. After furnishing the technical round, the candidate will undergo HR round with the officials of Confidence. A final list of candidates, is still slightly more than actual requirement is recommended by the Selection Committee and endorsed by HR for further action.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/6.2.2.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 inter faces	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

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, restricted holiday and maternity leave.
2. Employee Provident Fund for teaching and non-teaching staff.
3. Loan facility is available for institute staff.
4. Transportation facility is provided for teaching and non-teaching staff.
5. Accident benefit Insurance is provided for staff and students
6. Gratuity benefit is provided for teaching and non-teaching staff.
7. Employment State Insurance facility for non-teaching staff.
8. Free health Screening Camp-2023 was conducted for both staff and students.
9. Health awareness talks, programmes on Yoga and sports are organised for the well-being of the Staff and students.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/6.3.1.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

34

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

12

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

159

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded

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 report are essential for the growth of an organization and the employee. It helps the organisation to find out whether the employee is being productive or is a liability. At DBIT, performance appraisal reports encourage faculty members to make excellent performance 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 extra-curricular 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 HoD's and 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	Nil
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

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors verifying and certifying the entire income and expenditure and the capital expenditure of the institute each year. Qualified accounts staffs have been permanently appointed and a team of staff under them does a thorough check and verification of all vouchers of the transactions that are carried out in each financial year.

Likewise, an external audit is also carried out on an elaborate way on statutory requirement basis. The Institutional accounts are audited regularly by our statutory auditors. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in the future. The institute regularly follows accounting standards and financial audit system.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/about/pdf/acc/AY%202022-2023.pdf
Upload any additional information	No File Uploaded

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)

3.26909

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 2022-23 the department of Mechanical Engineering and R and D received a fund from VTU of Rs.7.00 lakh. A fund of Rs. 49,000/- from RRCC Club for using the cricket ground, A sum of Rs. 70,200/- for conducting CFA Exam. Rs.11840/- from Gate Jam Exam Rs.63,724/- for NIELIT Exam, Rs. 35,737/- from Ginger Webs for conducting SSLRD online Exam. Also received fundings from TCS, JEE, 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.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/6.4.3.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

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.

- 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. Target is 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
- 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/2022-23/6.5.1.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

The structure and methodologies of operation that implement the TLP consist of formulation of academic calendar, course allocation, lesson plan, course delivery, CIE (Continuous Internal Evaluation, Identification and support for slow learners, conduction of SEE (Semester End Examination), and finally the SEE result analysis. SEE result analysis is one significant milestone at which the IQAC reviews the TLP process and suggests improvements to the departments. As required, specific forms and templates would undergo change to improve the TLP process. Under exceptional conditions the IQAC also discuss the outcome of the result analysis with the senior management and take

their input for process improvements. Additionally, each HOD's meeting would have an IQAC perspective by IQAC representatives who pitch in as might deem fit to address quality related issues and wherever possible brings in process improvements as an interim measure which gets institutionalised through IQAC from the following semester. Internal Academic Audit is done every semester. The CO-PO attainment is calculated automatically using software.

Remedial coaching classes are conducted for the students who are identified to be slow learners. The classes are conducted without disturbing the regular instructional hours. The progress of the students is evaluated on the basis of their results in the arrear examination.

In order to motivate advanced learners special classes are arranged to enhance their skill. They are encouraged to register for NPTEL/MOOC courses.

File Description	Documents
Paste link for additional information	https://www.dbit.co.in/assets/pdf/naac/2022-23/6.5.2.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/2022-23/6.5.3.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 measures initiated by the Institution for promotion of gender equity are

Safety and Security:

1. CCTV cameras have been strategically placed throughout the hostel, campus walkways, corridors, and common areas to enhance surveillance.
2. In compliance with AICTE/University regulations, statutory committees including the Anti-Sexual Harassment committee/CICC and the Women Empowerment committee, comprising female faculty members, have been established and are operational.
3. The Women Empowerment Committee annually organizes International Women's Day on March 8th, evolving it into a platform for celebrating women and raising awareness about persisting challenges such as gender equality, violence, and discrimination.
4. Hostel is overseen by a resident female warden accompanied by a female security officer, while a separate resident warden is assigned to the boys' hostel.
5. Suggestion/Complaint boxes are strategically positioned in key areas.

Counselling:

1. Faculty members are assigned a group of 20 to 25 students for mentoring, fostering stronger student-mentor relationships and enabling mentors to gain comprehensive insights into each student's personality.
2. Regular counselling sessions, conducted by a Professional Counsellor, are available for both male and female students.

Common Rooms:

1. Separate common rooms are designated for female students within the institution with necessary amenities to ensure safety

File Description	Documents
Annual gender sensitization action plan	https://www.dbit.co.in/assets/pdf/naac/2022-23/7.1.1%20(A).pdf
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://www.dbit.co.in/assets/pdf/naac/2022-23/7.1.1%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

Solid Waste Management: Food waste from the canteen undergoes composting on campus, while other types like paper and plastic are collected from all areas for safe disposal through municipal waste management. Sanitary waste is meticulously collected and treated in septic tanks, ensuring scientific decomposition for safe disposal.

Liquid Waste Management: Since 2015, a sewage treatment plant with a capacity of 120 KLD has been operational on campus. Wastewater from various sources like laundry, kitchen, and toilets is centrally collected and treated through multiple steps to produce potable water. The recycled water is then used for plant cultivation, contributing to the campus's greenery. The sludge generated during the treatment process is utilized as fertilizer for plants.

E-Waste Management: The institute follows a systematic approach to manage electronic waste. E-wastes are stored in labeled containers, undergo segregation and sorting, and those not suitable for recycling are sold to certified agents. The institution maintains a commitment to not engaging in activities that produce hazardous chemicals or radioactive waste. The documentation, including agreements/MoUs with government agencies and approved partners, along with geo-tagged photographs of the facilities, serves as a testament to the institute's dedication to responsible waste management practices.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	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	View File

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways

A. Any 4 or All of the above

4. Ban on use of plastic 5. Landscaping	
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File
7.1.6 - Quality audits on environment and energy 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	View File
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 consistently endeavored to cultivate an inclusive atmosphere characterized by tolerance and unity across various dimensions of diversity, encompassing cultural, regional, linguistic, communal, socioeconomic, and more. A range of initiatives and practices has been put in place to address these diversities comprehensively:

1. National festivals such as Kannada Rajyotsava, Independence Day, Republic Day, Engineers Day, and Teachers Day are enthusiastically celebrated, serving to promote both regional solidarity and national integration.
2. Days of commemoration like Earth Day, World Environment Day, International Yoga Day, and National Sports Day are observed, fostering not only national cohesion but also global solidarity.
3. The institution's NSS unit actively engages in tailored activities aimed at addressing cultural, regional, and socioeconomic diversities.
4. Annual events like the Cultural Fest, Sports Day, and other cultural programs are organized to provide platforms for nurturing values of inclusivity and camaraderie among students. These events play a pivotal role in fostering mutual understanding and bridging diverse backgrounds.
5. Additionally, AICTE activities underscores its commitment to excellence. The institutional efforts and initiatives aimed at fostering an inclusive environment, marked by tolerance and harmony across cultural, regional, linguistic, communal, socioeconomic, and other diversities, further demonstrate its dedication to creating a welcoming and supportive community for all.

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	No File Uploaded

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

The college actively engages in various initiatives to instill a sense of constitutional responsibility among its students and staff, emphasizing values, rights, duties, and civic responsibilities. As part of the Induction Program, the Principal delivers an Orientation Lecture to the incoming students, enlightening them about the core values and ethos of the institution. The address underscores the importance of fostering harmony amid diverse backgrounds, cultivating a scientific temper, humanism, and a spirit of inquiry. The objective is to mold these young minds into responsible citizens who understand the balance between exercising their rights and fulfilling their duties.

To deepen this awareness, all undergraduate students in their 2nd and 3rd years undertake courses on the Constitution of India, Professional Ethics, Cyber Law (18CPC39/49), and Environmental Studies (18CIV59). These courses aim to sensitize students to constitutional obligations and reinforce democratic values. Topics covered include valuing human dignity, safeguarding liberties against discrimination, and understanding Internet laws, cyber crimes, and cyber laws. The college annually celebrates Independence Day and Republic Day, organizing activities that highlight struggles for freedom and the significance of the Indian constitution. Such events encourage student participation, fostering qualities like leadership, tolerance, and problem-solving, while also stimulating innovative thinking on contemporary issues.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.dbit.co.in/assets/pdf/naac/2022-23/7.1.9%20(A).pdf
Any other relevant information	https://www.dbit.co.in/assets/pdf/naac/2022-23/7.1.9%20(B).pdf

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

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various 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

The institute takes immense pride in its longstanding tradition of commemorating both national and international events, festivals, and significant days, reflecting its deep-rooted commitment to cultural enrichment and societal awareness. Each year, pivotal national festivals such as Independence Day on August 15th and Republic Day on January 26th are celebrated with fervor and reverence, symbolizing the institute's unwavering patriotism and respect for the nation's heritage.

The institute pays tribute to eminent figures through observances like Teachers' Day commemorating the birth anniversary of Dr. Sarvepalli Radhakrishnan, and Engineers Day on September 15th, dedicated to honoring the remarkable contributions of Bharat Ratna Sir M. V. Visvesvaraya.

Moreover, the institute dedicates special days to honor pioneers and champions in various fields, such as National Sports Day on August 29th, honoring the legendary hockey player Dhyan Chand, and National Librarians' Day on August 12th, commemorating Padmashri Dr. S. R. Ranganathan, the esteemed father of library science in India.

The institute celebrates National Youth Day on January 12th, marking the birth anniversary of Swami Vivekananda, and actively participates in global initiatives like World Water Day on March 22nd and World Environment Day on June 5th, aiming to raise awareness about pressing environmental issues.

The institute celebrates National Science Day on February 28th, commemorating the groundbreaking discovery in physics while Women's Day on March 8th is celebrated by the Women Empowerment Committee, dedicated to promoting gender equality and empowering women in all spheres of life.

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	View File

7.2 - Best Practices

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

1. DBIT-Bangalore Alumni Portal & DBITAA Bangalore Telegram Group

The DBIT-Bangalore Alumni Portal and Telegram Group aim to unite alumni, strengthen ties with the institution, manage a centralized database, and facilitate communication. Manual data updating is cumbersome, prompting the need for an online portal. Tasks include migrating data, inviting alumni to register, and sharing updates. Success includes 8750 members in the database, 2300 registered on the portal, and 43 job placements via alumni referrals. Challenges include low registration rates, necessitating follow-up emails and WhatsApp messages. Overall, the platform enhances alumni engagement and resource utilization while addressing logistical hurdles.

2. Inter-department Events Competition at DBIT: DBIT GOT TALENT

DBIT hosts an Inter-Department Events Competition to nurture talent across disciplines. The event showcases creativity, intellect, and skill, emphasizing holistic development. Highlights include Poster Presentation to display research visually, Extempore for quick thinking and eloquence, Ideathon for problem-solving, Technical Debate for analyzing technical topics, Quiz for testing knowledge, Essay Writing for expressing ideas, and Programming Contest for coding skills. These competitions encourage boundary-pushing, exploration of potentials, and celebrate the diverse talent within the student community.

3. Along with the above best 2 practices we also conduct BLOOD DONATION CAMP, Health Check-Up camp, EVERY YEAR IN OUR COLLEGE.

File Description	Documents
Best practices in the Institutional website	https://www.dbit.co.in/assets/pdf/naac/2022-23/7.2.1.pdf
Any other relevant information	https://www.dbit.co.in/assets/pdf/naac/2022-23/7.2.1(B).pdf

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

Fostering Universal Human Values: A Holistic Approach at DBIT

DBIT believe in the holistic development of our students, instilling in them universal human values that transcend boundaries and cultures. Through Mentoring, NSS, NCC, sports, and cultural activities, we strive to empower our students to become not only successful professionals but also compassionate and ethical individuals who contribute positively to the world around them.

Mentoring: Mentoring plays a pivotal role in shaping the character and outlook of our students. Our dedicated mentors provide guidance, support, and encouragement, imparting invaluable life lessons and ethical principles. Through one-on-one interactions and personalized guidance, students learn the importance of empathy, integrity, and responsibility.

NSS and NCC: Engagement in organizations like NSS and NCC offers students opportunities for selfless service, leadership and community engagement. Through initiatives aimed at social welfare, environmental conservation, and nation-building activities.

Sports: Participation in sports not only promotes physical fitness but also cultivates essential values such as teamwork, discipline, and resilience. Sports activities at DBIT serve as platform for fostering and promoting values that transcend cultural and societal differences.

Cultural Activities: Through cultural events and artistic expressions, students celebrate diversity, promote inclusivity, and embrace the richness of various traditions and heritage. Cultural events help students to respect and value cultural diversity, fostering a spirit of harmony and mutual understanding among individuals from diverse backgrounds.

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

7.3.2 - Plan of action for the next academic year

1. Ensuring strict compliance with accreditation standards and rigorous quality assurance procedures to uphold institutional excellence and credibility.
2. Implementing the QS I-GAUGE College Rating assessment to benchmark institutional performance and enhance quality standards.
3. Working towards achieving collegiate accreditation to attain University status.
4. Striving to elevate the percentage of faculty with doctoral qualifications to 80% by implementing targeted strategies and support mechanisms.
5. Integrating innovative pedagogical methods to foster holistic student development as part of Corporate Social Responsibility (CSR).
6. Strengthening alliances with industries to leverage opportunities for mutual growth and innovation. Cultivating strategic partnerships to foster industry-relevant initiatives and enhance student employability.
7. Strengthening connections with local communities, alumni, and stakeholders to foster collaborative projects, internships, and experiential learning.
8. Establishing mechanisms for continuous evaluation and feedback to gauge the effectiveness of the action plan.
9. Expanding partnerships with industry and research institutions to facilitate applied research and technology transfer.