



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution		DON BOSCO INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Prasanna Nambiar	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	02268878700	
• Mobile no	9820080079	
• Registered e-mail	dbit@dbit.in	
• Alternate e-mail	principal@dbit.in	
• Address	Premier Automobiles Road Opp. HDIL Premier Exotica,	
• City/Town	Mumbai	
• State/UT	Maharashtra	
• Pin Code	400070	
2.Institutional status		
• Affiliated /Constituent	Affiliated	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	Self-financing				
• Name of the Affiliating University	University of Mumbai				
• Name of the IQAC Coordinator	Dr. Sudhakar Mande				
• Phone No.	02268878701				
• Alternate phone No.	02268878701				
• Mobile	9867285270				
• IQAC e-mail address	ssmande@dbit.in				
• Alternate Email address	dbit@dbit.in				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://www.dbit.in/agar.html				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.dbit.in/academic-calendar.html				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.87	2019	28/03/2019	27/03/2024
6.Date of Establishment of IQAC			17/07/2017		
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	
NA	NA	NA	NA	0	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	2	
<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	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
1. Restructuring of the various committees for effective functionality. 2. Conducted various faculty development programme		
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	
Implementation of Academic Bank of Credit	Students will be able to showcase credits for undertaking courses from Swayam and other similar platform	
Implementation of the Minor / Honor Program	Students will be able to achieve additional competency in the upcoming fields of their choice.	
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)	
CDC	10/01/2023	
14.Whether institutional data submitted to AISHE		

Year	Date of Submission
2020	10/01/2023

15. Multidisciplinary / interdisciplinary

We offer multi - disciplinary elective in the final year of engineer. Following are the course available to the students to choose from:

- ILO7011. Product Lifecycle Management
- ILO7012. Reliability Engineering
- ILO7013. Management Information System
- ILO7014. Design of Experiments
- ILO7015. Operation Research
- ILO7016. Cyber Security and Laws
- ILO7017. Disaster Management & Mitigation Measures
- ILO7018. Energy Audit and Management
- ILO7019. Development Engineering
- ILO8021. Project Management
- ILO8022. Finance Management
- ILO8023. Entrepreneurship Development and Management
- ILO8024. Human Resource Management
- ILO8025. Professional Ethics and CSR
- ILO8026. Research Methodology
- ILO8027. IPR and Patenting
- ILO8028. Digital Business Management
- ILO8029. Environmental Management

16. Academic bank of credits (ABC):

Not implemented. However it is planned to be implemented in year 2022 - 2023.

17. Skill development:

Skill development Labs have been introduced in the syllabus under the R-2019-C scheme of the syllabus. The Second year engineering and Third year engineering students have skill based labs as part of there syllabus. Following are some of the examples:

- ITL304 Java Lab (SBL)
- ITL404 Python Lab (SBL)
- CSL605 Skill base Lab Course: Cloud Computing
- ECL304 Skill Lab: C++ and Java Programming

ECL404 Skill Lab: Python Programming**18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

Not implemented. Planned for A.Y. 2022 - 2023.

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

The entire process of the Teaching Learning is OBE oriented as per the guidelines of the National Board of Accrediation. For every subject COs are defined. CO - PO - PSO Corrlation Matrix is prepared. The TLP is devloped and followed. The Assessment tools are linked to the COs which ensures COs Attainment is calculated at the ends of the course. Based on the CO Attainment, PO Attainments are calculated.

20.Distance education/online education:

Not implemented. Planned for 2023 - 2024.

Extended Profile**1.Programme**

1.1

4

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1

945

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2

0

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	354
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	63
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	60
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	17
Total number of Classrooms and Seminar halls	
4.2	1
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1021
Total number of computers on campus for academic purposes	

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

- The teaching workload distribution and preparation of the timetable is done prior to the commencement of the academic session
- The academic calendar for the institute is prepared to map all the curricular and co-curricular activities for the entire semester. The departments prepare their calendars to schedule all their events.
- Faculty prepares the COs and map it with the POs, PEOs and PSo to identify curriculum gaps
- Teaching faculty develop their Teaching, Lesson, Course, and Practical Plan with a variety of curricular and co-curricular activities to fill the gaps
- All course material is uploaded on MOODLE LMS for students to access at all times.
- A review of MOODLE content is carried out in the first week of the term to identify any shortcomings
- Every department keeps a record of the lectures given, student attendance, assessments, co-curricular activities, departmental activity, audit reports on the MIS portal.
- Periodic tutorials, class tests, and MCQ exams are administered to gauge the students' ongoing progress.
- Faculty members employ a variety of pedagogies and activities to make the lessons in the classroom engaging and participatory.
- The Academic Monitoring Committee meets every two weeks to review academic progress and discuss ways to increase student engagement.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

- The institute adopts the curriculum developed by University of Mumbai and follows the academic guidelines prescribed by the university.
- The academic calendar of the institute maps all the curricular

and co-curricular activities and the internal assessment schedule for the term. The calendar is prepared in consultation with all Deans and Heads of Departments. The calendar is shared with all the internal stakeholders prior to the commencement of the term and is uploaded on the website.

- Individual departments plan their schedule for the term and prepare the departmental calendar. Sufficient care is taken to ensure that activities are evenly spread and disruption to academics is minimized.
- Faculty compensate for any loss of academics by conducting extra classes on regular working days
- Loss of academics due to any unforeseen situation is compensated by working on Saturdays.
- Internal evaluations comprising of internal assessment tests (held twice in every semester) are strictly conducted as per the schedule mentioned in the calendar. The schedule for the external exams is provided by the university.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	https://www.dbit.in/timetable.html

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.

A. All of the above

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

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

4

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)

3

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

244

File Description	Documents
Any additional information	View File
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

- DBIT's mission of holistic development of students and faculty facilitates the integration of issues related to ethics, gender sensitivity and sustainability in the curriculum.
- A value added course (VAC) on wellness which includes aspects of professional ethics, gender sensitivity and human values is conducted for all students in the first year of engineering.
- The SIE (Sustainable innovations for the Environment) club organises field visits, lectures, hands-on sessions to introduce concepts like energy conservation in household, energy audit, calculation of carbon footprint, rainwater harvesting, etc.
- Sessions on gender sensitivity and sexual harassment laws are also organised for all staff
- The energy club conducts courses in renewable energy systems
- A full course on Renewable Energy Systems is conducted in semester-7 as an elective
- The institute also conducts institute level electives in Development Engineering and Environment Management in the 7th and 8th semesters in which students from all branches of engineering can enrol.
- During the NSS camps the students travel to tribal villages and learn about sustainable living from the villagers.
- Students undertake final year projects on sustainability like, waste flower recycling, design of energy efficient chulhas, managing menstruation waste, sensor based agriculture, etc.

File Description	Documents
Any additional information	No File Uploaded
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

15

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	No File Uploaded
Institutional Data in Prescribed Format	View File

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

410

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://dbit.in/feedback.html
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	View File

1.4.2 - Feedback process of the Institution may **A. Feedback collected, analyzed**

be classified as follows

and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://dbit.in/feedback.html

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

224

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

109

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

The departments evaluate the students' proficiency levels to determine the fast and slow learners. Performance indicators include results from pre-requirement exams, class exams, final exam results, and student attendance. At admission, students are also evaluated on

their ability to communicate effectively. After taking the initial Internal Assessment (IA-1) test, students are classified as weak (slow learners) or brilliant (advanced learners). The weaker students receive mentoring and counselling to help them comprehend their challenges. In these seminars, parents are also welcome to join. To assist the students with their coursework, peer mentors are provided. Remedial instruction, supplementary coaching, and additional practicals are planned for the pupils. Regular evaluations of their academic progress are conducted. Conversely, advanced students are urged to take part in competitions. Their academic progress is periodically assessed. On the other side, advanced students are urged to take part in events like hackathons, robot conferences, off-road vehicle building contests, and so forth. They are driven to do small-scale research projects, pursue advanced certifications through websites like COURSERA and SWAYAM, complete internships, and present their research at conferences both domestically and abroad. Additionally, the students are inspired to work on product development and launch their own start-ups.

File Description	Documents
Paste link for additional information	https://www.dbit.in/images/pdf/BSH/newsletters/FE%20Newsletter%202021-2022.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
945	62

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

- The Academic year of 2021-22 started with the online teaching methodology in the initial odd semester and blended online and offline methodology in the even semester.

- The students were provided a supportive learning environment in the online mode by using virtual whiteboard. The course content was made interactive and visual by using animations, videos, quizzes, Power Point Presentation, Microsoft Office tools, Google Meet, Moodle LMS, Google Colab, Open board, Pentab, Digital Pad and Pen, Open-source software's like Audacity, OBS & Shortcut.
- In the offline mode, the faculty used a mix of learning tools like flipped classroom, interactive animation and simulations. Short animated videos based on the concepts, topic wise Quizzes, presentations by students on various case studies were used to engage the passive students. Use of online resources from NPTEL, Coursera, YouTube links, etc. were used to encourage collaborative learning.
- To support the students doing internship professional quality videos were made using open-source software to promote self-learning. Blended learning like Cloud Computing, Collaborative Coding, use of quizzes, cryptex and crosswords, mini-projects case-study and project-based learning were practiced.
- Problem solving sessions were conducted for the students of FE and SE to improve their analytical skills

File Description	Documents
Upload any additional information	View File
Link for additional information	https://dbit.in/images/pdf/naac/INNOVEX2021_Report.pdf

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

DBIT follows ICT enabled teaching wherein all the classrooms and labs are ICT enabled with projectors installed, high speed wifi connection to support hybrid mode of teaching. The faculty used various ICT enabled tools to enhance the quality of teaching-learning like:

- Google meet or Zoom to conduct tests and for lecture delivery along with interactive methods for effective teaching such as

PowerPoint presentations with animations, Video clippings, Use of online resources from NPTEL, Coursera, youtube links, Simulation tools, Virtual labs, mentimeter, Quizz.com, various Cloud portals etc.

- Faculty use various online tools like- whiteboard in Microsoft teams, Jamboard in Google meet, Pentab etc. for solving critical or complex problems.
- Moodle is used as a course management system for uploading teaching materials, conducting experiments, online tests and e-assignments etc.
- Various activities were conducted in hybrid mode including Project presentation, Debates, Group discussions, Mentoring, PTA meet and AAC meet.
- As a platform, WhatsApp groups are used to communicate, make announcements, and share information.
- The research journals and ebooks are available on online libraries to faculty and students.
- Departments conducted webinars, workshops and guest lectures on latest tools/ technologies by Industry experts and Alumni which were broadcasted on Youtube.

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

62

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

62

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

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

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

13

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

683

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

2.5 - Evaluation Process and Reforms

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

During the academic year 21-22 the assessment was partly online and partly offline. The procedures laid down by the Mumbai University are followed for assessment and evaluation. Written exams are complemented with viva-voce and practical exams to test the theoretical as well as practical knowledge of the students.

- The assessment period is marked in the academic calendar and shared at the beginning of the academic term
- The SOPs for the conduct of internal assessment tests are provided by the examination cell. An exam coordinator is appointed by each department
- The syllabus for the exam as well as the format of the assessment is shared with the students at least 10 days prior to the exams. Seating arrangement for exams is also displayed a couple of days prior to the exams. Cameras are placed in the classrooms to prevent copying .
- Written exams are closely supervised to prevent any malpractices. External examiners are appointed for viva-voce and practical exams.
- Faculty submits answer key to the exam section before paper evaluation. Answer keys are uploaded on the LMS after the exams .
- All records related to student attendance and answer sheets, etc are meticulously maintained to ensure traceability.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.dbit.in/timetable.html

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

- DBIT has a very effective and transparent mechanism to deal with the grievances related to assessment, communication of various rules and notices and timely declaration of results. A student can approach the subject teacher / the department exam coordinator / the HOD / the examination cell / Principal directly to redress the examination related grievance. The Institution executes the guidelines provided by the University as displayed on the University website.
- Exam related malpractices are handled by a committee comprising of Principal and HODs
- The institute also follows up with the university on behalf of the students to ensure timely redressal of the grievance.
- Grievances related to Internal Assessment (IA) test and term work are handled by the respective HoD and the department Exam Committee member and are communicated to the Controller of Examination (CoE) and the Principal.
- The grievances during the conduct of the theory examinations are redressed in consultation with the Principal and if necessary, forwarded to the University by examination section.
- For any post examination queries, the student has to apply to the University, following the above mentioned procedure, within fifteen days after declaration of the result.

File Description	Documents
Any additional information	View File
Link for additional information	https://dbit.in/images/pdf/LetteforIAredressalbystudent.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.

- Our institute uses the Programme Outcomes (Graduate Attributes) framed by the National Board of Accreditation (NBA) and our Vision-Mission statement as the framework to define our Programme Educational Outcomes (PEO) , the Programme Specific Outcomes (PSO) and the Course Outcomes (CO).
- Each faculty prepares a teaching -learning plan and lesson plan, at the beginning of the semester, in which the learning outcomes and course outcomes are clearly mentioned
- The course outcomes and the programme outcomes are framed collaboratively with inputs from academia, industry and alumni
- The course outcomes and programme outcomes are disseminated amongst the various stakeholders during student orientation, parent teacher meet, academic advisory meeting, alumni meet and so on. The COs and POs are also displayed prominently in class-rooms, laboratories and on the website.
- Faculty share the COs with the students during their lecture and laboratory sessions.
- Regular quizzes are conducted during lectures and practicals to assess the extent of student learning and evaluate the fulfilment of learning outcomes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://drive.google.com/file/d/1P-xEGO7EiMDXPsvFkj-1hbFOdfOOyH_P/view
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.

- Outcome Based Education policy is practiced in DBIT. Every department carries out various assessment through one or more processes which involves identifying, collecting, and tabulating data to evaluate the attainment of COs and POs. These are done using various tools/methods identified by the faculty. Attainment levels are set based on the student performance in previous exams. For both formative and summative assessment of students, various sets of Rubrics are designed. The rubrics are shared with students before evaluation to generate awareness of the performance criteria and its weightage. The faculty assesses student progress periodically and maintains records of the same.
- The assessment methods provide a sampling of what students know and/or can do. The attainment provides strong evidence of student learning all round the year. In the process of calculating the attainment, care is taken to capture the aspects of student's knowledge and skills. The various assesment methods include class tests, internal assesment tests, assignments, end semester examinations, seminars, laboratory assignments, practical performance, mini projects, group discussions . The attainment is calculated directly and indirectly for each course.
- If actual attainment is lower than the pre-determined value corrective actions are taken to improve performance in the next cycle.

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

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

351

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.in/naac.html

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.in/naac.html>

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)

13.868

File Description	Documents
Any additional information	View File
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

3

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

2

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.ltfs.com/csr.html

3.2 - Innovation Ecosystem

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

The institute's commitment towards innovation and incubation is evident through the VISION statement. DBIT strongly believes in

nurturing entrepreneurship amongst its students and faculty and has created an ecosystem for this. Idiot's Room is the Entrepreneurship Cell of Don Bosco Institute of Technology, Mumbai. It is a student organisation formed in 2017 to raise awareness of Entrepreneurship, Management, and Finance, therefore bridging the gap between Engineering and these disciplines. By holding different Talks, Workshops, Competitions, and other similar events spanning from Internship Expos to Brand Building and Social Entrepreneurship. The objective of DBIT's E-cell is to create a platform for students to develop and refine skills that are vital to every entrepreneur.

What does DBIT's E-Cell do?

"Ideas are Bulletproof" is the motto of DBIT's E-Cell. This organization tries to continually construct a platform that supports aspiring entrepreneurs in the student community by helping them discuss their ideas, produce a business plan, and connect to Idiot's Room Mentors, Incubators, and Investors. This is a platform for all those individuals who dare to think out of the box and aspire to be entrepreneurs. We are an organization that strives to support and help society's so called 'Idiots Room'.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1Zow-V2HM12jZGXzPwPERdh2m4vTPsdiv?usp=sharing

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

29

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

2

File Description	Documents
URL to the research page on HEI website	https://www.dbit.in/papers-publications.html
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	View File

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

10

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

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

The Vision statement of the institute emphasises on holistic development as well as creating socially conscious citizens who will contribute towards creating sustainable technologies. The institute contributes to the welfare of the local communities not only through a strong NSS cadre but also through other socially relevant activities. Themes for the year 2021-22 's outreach activities were as follows

- Education & Health -Conducted various programs to create awareness among the parents and children regarding importance of education & health
- Training on various social and livelihood issues- Conducted various awareness sessions for urban and rural communities.
- Technical projects : To solve the community problems community based projects were implemented .All these projects were exhibited in Innovex. Innovex is annual project exhibition/competition, which was evaluated by industry experts .
- The objectives behind organizing all these activities are 1)sharing of expertise and resources for the benefit of the underprivileged children, youth and women of the local and rural communities.2) Sensitizing students towards social issues and reflecting on the unique contribution of the institute to societal problems of using design thinking method. 3)To build character and personality of students through community service in a variety of areas of social concern and importance.

File Description	Documents
Paste link for additional information	https://www.dbit.in/images/pdf/naac/INNOVEX_2022_Report.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

2

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

67

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

898

File Description	Documents
Report of the event	View File
Any additional information	View File
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

96

File Description	Documents
e-copies of related Document	View File
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

16

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.

DBIT has full-fledged facilities related to infrastructure and equipment. The major facilities include 15 ventilated and well-furnished equipped classrooms LCD projector, public address system and internet connection. 36 laboratories, 2 Seminar halls, an auditorium, 2 cafeteria, office rooms, examination centre, medical rooms, boys & girls common rooms, prayer hall, library, drawing halls and facilities such as football ground, basketball court volleyball court, carom, table tennis, and gym.

Labs have modern equipment with facilities such as 3D printers, milling machines, vector network analyser, 32-bit logic analyser, flue gas analyser, antenna test measurement system to expose the students to the latest technologies.

DBIT workshop has modern CNC lathes, high-end milling and shaping machines.

DBIT offers high-end software like Mat lab, ANSYS Workbench including FLUENT, GENESYS and Solid Works.

DBIT provides high-speed internet, LAN and Wi-Fi with a large number of computers facilities. The present computer to student ratio is 1.0 as against 4.0. Moodle is offered as LMS on amazon cloud. (www.elearn.dbit.in).

Campus is CCTV surveillance enabled. The library has a rich collection of books, e-journals, ebooks and plagiarism software. It has a reading, reference and digital section with 30 computers and Low-cost reprography.

DBIT provides a hygienic and affordable canteen facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.in/Infrastructure.html

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

The Don Bosco culture of learning is based on the holistic development of a student. To stay true to this culture, priority is given to the participation of students in extracurricular and cocurricular activities. To provide a platform for the same, the college provides substantive facilities as given below for the students to venture out and be a part of the amazing array of sports and cultural events. The college is blessed with a lush green field to play sports like Football, athletics, volleyball, and throw ball. Adjacent to the football field concrete court is provided to play box cricket, badminton, and basketball. Indoor game facilities like Table Tennis, carom boards, and Chess boards are available in girls' and boys' common rooms. Hysteria is the annual Cultural Festival and Colosseum is the annual technical festival of the college. Hysteria, an Inter department-College Event, encompasses cultural and sporting events held for all the different departments/colleges in Don Bosco Centre for Learning. A fully-fledged 506 sq.m auditorium holds innovative and sparking cultural events. These include domains of fine arts, literary arts, performing arts and photography, blood donation camp, Women selfdefense training, gatherings, exhibitions, conferences and workshops, and Yoga classes. Yoga classes are conducted by an expert trainer, so as to inculcate it as an integral part of student life. Institute promotes students to play at inter-college and higherlevel tournaments.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.in/hysteria.html

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.in/Infrastructure.html
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)

43.33543

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)

Year Name of the ILMS Software Nature of automation (fully or partially) Version Year of automation 2020 - 21 Koha Fully 21.11.11.000 2011

The library facility at the institute has reference, circulation, periodical, multimedia, issue-return & reading sections. The reading room is well furnished to accommodate students at a time and provides a conducive environment for study. The Library is housed with required textbooks, reference books, periodicals, and journals. The library is automated using Open Source Koha Library Management System, which enables the students and faculty to check books availability anywhere on the campus. It also helps to maintain a record of books issue and return.

Both students and staff can also access the library services from outside the campus, through web Access OPAC, <http://opac.dbit.in>. Institute also cultivates a research culture amongst students and faculty.

To avoid plagiarism and copy right issues, the institute has plagiarism software. Institute also annually takes subscriptions of international e-journals and made them available on all computers in the institute.

The library has dedicated 31 computer terminals connected with 150 Mbps internet so that students can access e-journals, NPTEL video, and notes.

The library has taken steps to tie up with other technical libraries like IIT Bombay, NDL and others, to augment its services. The Peer library committee which also includes students' participation reviews the progress of the library.

The library is periodically updated with the latest journals and periodicals along with the text books required by the curriculum.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://opac.dbit.in

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)

7.356

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

4565 450

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

4.3 - IT Infrastructure

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

DBIT provides its students with well-equipped IT facilities with a total of 1021 computers, 150 Mbps internet. The internet is extended to all rooms and offices through LAN connections and routers. All classrooms are provided with an LCD projector, audio system and highspeed Internet connection. Servers have 12 to 32 GB RAM with Xeon and IBM processor.

Institute has hosted all web services internally using Apache server along with two public Domain Name Servers locally. IPCop Firewall is used for protecting all servers and computers from attacks.

DBIT has a Central login authentication system (LDAP) facility. Zimbra mail server is used for official communication.

The institute makes use of One or Zero Helpdesk & Task Management System for raising technical support . Library uses updated Koha

software while Moodle is used as a LMS.

A biometric login system is used for staff attendance management. All students and faculty are provided with storage space in DBCL Drive, cloud-based self-hosted file syncsolution with LMS On the cloud.

MIS and NEST (New Exam System Terminal) software used for staff record with Biometric login system, students attendance, and academic activities. NEST is the in-house examination software. Institute also has a dedicated high-quality audio recording studio.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.in/Infrastructure.html

4.3.2 - Number of Computers

1021

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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

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

4.4 - Maintenance of Campus Infrastructure

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

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**254.48**

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Systems have been established to ensure that facilities maintenance and upkeep to be used by students and staff.

1. Laboratories: The laboratory in charge needs to take care of the up-gradation of equipment and software as per the syllabus. The laboratory assistant along with the laboratory in charge handles the laboratory equipment and maintains the Dead Stock Register (DSR) and the routine maintenance of the equipment.

2. Library: Library committee addresses specific needs of the students and staff related to availability of books, accessing of journal articles, utilization of plagiarism software, etc. Librarian with supporting staff maintains a central library.

3.Sports ground: The sports committee along with the Sports -in-Charge ensures the availability of sports equipment and monitors the usage of the ground, courts, and indoor games facilities.

4. Class Rooms: Classrooms are allocated to all departments along with necessary ICT tools.

5. IT facilities: All departments in the college are allotted Computers with essential software and necessary applications. The network administrator along with the assistant's maintains the IT facilities in the institute.

6. Electrical, Drinking water coolers, Lift: housekeeping committee inspects the facilities like toilets, water coolers, class rooms,

corridors and conveys any specific requirement to Dean Administrator.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students 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

390

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

4

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.dbit.in/
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

242

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

242

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

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

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	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

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

242

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
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

48

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

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

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

64

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.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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)	No File Uploaded

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)

Institutes facilitates students representation and engagement under several activities with various committees like student council, student clubs and chapters from various departments, departmental days etc. Student Council is the representative body of the students of the college.

The objective of the council is to make the students to participate in the development activities of the institute as well as to develop their personality, organizational skills and career through organizing interactive programs with the faculty, alumni, and industry.

The student council provides a common platform to students for co-curricular and extra-curricular activities. It is responsible for all the major technical, cultural, literary and sports activities organized in the college premises. The management of the institute endorses activities of the council.

It is responsible for all the major technical, cultural, literary and sports activities organized in the college premises. The management of the institute endorses activities of the council.

Activities under the council is well supported by a team of faculty members.

Each year the student class representatives elect the following members (one boy and one girl student) to the student council: 1. General Secretary 2. Technical secretary 3. Treasurer 4. Cultural Secretary 5. Sports Secretary 6. Public Relation 7. Alumni Secretary

File Description	Documents
Paste link for additional information	https://www.dbit.in/dbit-student-council.html
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

24

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

The Salesians of Don Bosco is an international organisation headquartered in Rome. The Indian National Federation of the Past Pupils of Don Bosco was founded in 1968 in Mumbai. The Alumni Association of DBIT is affiliated to the Mumbai Provincial Federation of the Past Pupils of Don Bosco which in turn is affiliated to Indian National Federation of the Past Pupils of Don Bosco. DBIT is part of the Kurla unit of the Mumbai Provincial Federation. Despite the affiliation, individual Don Bosco Institutes are permitted to have their own Alumni association without a formal letter of affiliation. In the alumni meet of March 2018, the DBIT Alumni Association was formalised and elections were held for the various posts after receiving nominations. Distinguished alumni were felicitated for their contribution to various fields. Alumni of DBIT

have been contributing to the development of the institute in over the past several years.

Some of the activities in which alumni have contributed are:

Visiting faculty for lectures in various subjects

Expert lectures on upcoming technologies

Full time teaching faculty (Some alumni are full time teaching faculty in this institute)

Design and maintenance of institute website

Conducting training programmes and workshops for students

File Description	Documents
Paste link for additional information	alumni.dbit.in
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs
(INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The institute's Vision is to create enjoyable and holistic learning environment for the students to transforms themselves into socially conscious citizens. The pedagogy is advocated by the "Don Bosco Way" of social inclusiveness and active learning. We see our future engineers as able to conduct research to solve societal and industrial issues and become entrepreneurs in the area of sustainable technologies.

The Institute's mission is to nurture and foster the values like honesty, integrity, sensitivity toward the underprivileged and use

innovative problem skills acquired during the program to develop sustainable solutions.

To realise its Vision and Mission the institute has appointed Dean of Research & Development and Dean of Innovation and Entrepreneurship to drive the agenda of research and entrepreneurship.

The DBIT journal of Science and Technology is published each year to showcase the research work done by students and faculty. To promote entrepreneurship and create a start-up eco-system an E-Cell and Institute Innovation Cell (IIC) have been established. The Intitute has been placed in the "Promising" category for 2021-2022.

The instutute has established good governance systemn through College Development Committe, which help in understanding the difficulties at the operational levels and continually improving.

File Description	Documents
Paste link for additional information	https://www.dbit.in/images/pdf/ARIIA/ARI-C-33880.jpg
Upload any additional information	View File

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

The process of decentralization and the participative management is practised in all the aspects of operations. Following are few case studies:

CASE STUDY 1 Decentralization and participative management is the culture of our institute since past few years. • Prior to the end of the financial year each HOD submits the department budget to the Principal for the following academic year. • The HOD gathers the necessary requirements from their departmental colleagues. • The Principal consolidates all the requirements under various budget heads and presents the consolidated budget before the CDC for their approval, post which it is presented before the Board of Governors for approval.

CASE STUDY 2: The subject teacher is authorized to decide the organizing of guest lectures for the students, budgetary provision for the guest lectures and workshops, etc is part of department

budget. The department plans and executes the curricular, extracurricular and co-curricular activities • For example of a co-curricular activity:- Colosseum 2021 Annual Technical Festival

File Description	Documents
Paste link for additional information	https://www.dbit.in/events_reports.html
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

DBIT takes immense pride in promoting research at the undergraduate level. Research initiatives have been a significant part of the institute's growth and development. Strategy Outcome 1 : To promote undergraduate research through final year project.

Steps to implement the strategy :

The Literature survey tool which was designed in last academic year was continued to be used this year. There Increase in number of publication.

Strategy Outcome 2: To inculcate research culture among final year students.

Steps to implement the strategy :

The Research Methodology Course has been continued this year also.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://www.dbit.in/papers-publications.html
Upload any additional information	No File Uploaded

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

Service rules:- The institution has framed the Service Rules according to the AICTE, UGC and UoM norms. The official working

hours of the institute are from 9:00 AM to 5:00 PM. The teaching and non-teaching faculty have the benefits of EPF/ Group Insurance Scheme / Gratuity and Casual / Earned / Medical /Maternity / Compensatory Leaves.

Recruitment Policies: The HoDs reviews faculty requirements as per teaching load and submits the consolidated staff requirement to Principal. Recruitment takes place according to the norms of the University of Mumbai, AICTE and rules applicable for institute with minority status. The selection committee decides the worthiness of the faculty member by his/her performance in the interview according to the parameters. In case of the Ad-hoc requirement the recruitment happens through written test, demonstration lecture and interview with Principal & Director.

Promotional Policies: Promotions are based on merit and qualifications required for the higher position. The policy is outlined in the service rule book. **Grievance redressal and Internal Complaints:** The institute has formed Grievance Redressal Committee to handle student grievances regarding teaching and assessment. The committee has framed guidelines as well as processes for timely review and redressal.

An Internal Complaints committee has also been formed to handle cases of gender discrimination, harassment or any other matter related to the day- to -day activities on campus. Committees are also in palce to handle the issues of minorities and those belonging to socially backward communities.

File Description	Documents
Paste link for additional information	https://www.dbit.in/dbit-faculty-committee.html
Link to Organogram of the institution webpage	Nil
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	View File
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 institute demonstrates its concern for staff well being by creating a congenial and caring environment on campus.

Staff self-development:

- Teaching and non-teaching faculty are provided sponsorship to upgrade their qualifications by sponsoring their Phd studies, sponsorship for skill enhancement like certification and training, granting leave for preparing for exams, book writing
- Sponsorship and grant of leave to attend various programmes like National / International conferences, workshops , STTPS and Seminars.
- Conducting Faculty Development Programmes on topics related to academics and self development
- Rotation of key leadership positions like HOD and Dean amongst the staff to provide an opportunity to develop leadership skills
- Individual computer for all teaching faculty with internet connection and access to high quality scholarly material
- Medical checkup for all staff is being conducted.

Health and welfare

- Ensure immediate medical attention for any health emergency by admitting to near by hospital (Kohinoor).
- Accidental death policy with Oriental insurance company for all staff
- Campus Minister and counsellors available on campus to resolve any conflicts or personal grievances of staff
- Prayer room and infirmary available for staff and students

- Class 4 employees given uniform every 2 years. Snacks and tea provided to Class-4 employees each day
- Ward of staff given preference under management quota for admission to the program

File Description	Documents
Paste link for additional information	https://www.dbit.in/fdp.html
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

12

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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
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

30

File Description	Documents
IQAC report summary	No File Uploaded
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

Teaching faculty appraisal:

The appraisal system is merit based and is used as a tool to offer or deny increments and promotions. The appraisal process not only evaluates the faculty performance against stated parameters but also provides guidelines for upgrading oneself.

The appraisal process comprises of the following elements:

- Faculty self-appraisal and Management review is conducted once a year by Management.
- Peer review of classroom teaching is carried out every semester by the senior faculty and Dean - Academics once every semester.
- Review of Course file is carried out by peers once every semester.
- Review of learning material uploaded on MOODLE is carried out by MOODLE review team once every semester.
- Student feedback on the teacher is conducted twice every semester.

Non-teaching staff:

The performance appraisal of non-teaching staff is carried out by their respective HODs. Different self-appraisal formats are used to capture data and information regarding the staff's attitude towards work, efficiency and commitment. The HOD reviews these formats and counsels and motivates the staff to improve performance

The performance of the class-4 employees is reviewed by the Dean of Administration/ Administrator.

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 college has the mechanism of both internal and external audits for the financial activities carried out. Accounts department is headed by Accounts Manager who maintains financial accounts and prepares all financial statements and submits them to all statutory bodies like AICTE, Shikshan Shulka Samiti (SSS), etc when required. The institute is a self-financed private institute thus the main source of income is the tuition fee collected from the students. SSS decides the fee on the basis of the expenditure incurred by the institute. The institute submits audited statements of accounts as

evidence annually or when required. The final statement of accounts is audited by an external chartered accountant every year.

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

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

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

3.49

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

STRATEGIES FOR RESOURCE MOBILISATION

1.Motivating faculty to apply for research grants of UGC, AICTE, DSTE, BARC, IEEE for funding research activities and purchase of high end equipment for laboratories

2.Conduct Value added courses for students other than those mandated by the curriculum

3.Carrying out consultancy work for industry

4.Use of laboratory equipment for testing

5.Encouraging faculty to engage in product/process design and patent the same

6.Sponsorship of laboratories and equipment by industry through MoUs

7. Applying to various bodies for grant for conducting Short Term Training Programmes on new technologies

8. Sponsorship from corporates of students activities like competitions, technical festival, cultural and sports festivals., participation in national competitions like SAE -BAJA, GKDC, etc.

9. Approaching alumni, parents and well wishers for donations and sponsorship of the following activities: Fees, books, laptops for economically backward students Sponsorship of activities for community development Funding of conferences and workshops Purchase of laboratory equipment

File Description	Documents
Paste link for additional information	Nil
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

1. Restructuring of the various committees for effective functionality.

Since the faculty was involved in multiple committees. It was observed that faculty were not able to contribute effectively in each committee. The IQAC team headed by Principal identified the key committee at three levels. Institutional level, Department Level and certain tasks were identified as responsibilities.

The number of committees has been reduced to 7 at Institute level from 30.

2. Conducted various faculty development programmes

To generate awareness about the sustainability and quality various FDPs were carried out for Staff of the Institute.

File Description	Documents
Paste link for additional information	https://www.dbit.in/igac.html
Upload any additional information	View File

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

IQAC conducts periodic review of teaching learning processes for its effective implementation. The review process is as follows

1. Audit of LMS (Moodle) system to check the availability of teaching and learning plan, lecture notes, lab manuals, sample question papers, module wise MCQ, previous year questions papers is performed three times in a semester.

2. Peer review of content delivery of faculty is performed to ensure the quality of teaching as per the peer review tool.

3. Faculty feedback is taken from students to understand the effectiveness of the content delivery.

4. Course file audit is conducted after end of every semester.

Based on findings of above processes corrective measures are taken to improve quality of teaching learning processes.

File Description	Documents
Paste link for additional information	Nil
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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.dbit.in/images/pdf/naac/AnnualReport2021-22.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
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

Having equal access to opportunities and to be treated with fairness is one of the core values for promoting gender equity in DBIT. As a measure of converting core values into an action plan, the student's council representing the committees, professional bodies and students' clubs has girl students in and across DBIT.

(a) Safety and Security

- Surveillance for 24x7.
- Faculty discipline committee.
- Awareness campaigns on women safety and gender sensitivity through street plays by drama club and women's development cell activities or program and posters related to gender equity are struck in and around the campus to promote and create an awareness to edge over the needs in the current industry to participated equally.

(b) Counselling

- Formal avenue for counselling male and female students for academic and other issues/problems.
- Grievance Redressal Committees for students.

(c) Common Rooms:

- Common rooms for male students and female students, which facilitate meetings and indoor games.

Events were conducted by the "Women's Development Cell ", to promote, support, and boost the morale of students. An online competition was conducted on the topic "Rethinking the Default: An Ideation Competition".The objective was to ideate and design a product to address Gender bias/discrimination in Technology Design.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/document/d/1UiYIj9fh-JXd_s9mbITxrlfDyq1GWd-n/edit?usp=share_link&ouid=116334637800581930653&rtpof=true&sd=true
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://drive.google.com/file/d/15qCMNX6Jfjnp2XEYRepOghNnyywdD8aT/view?usp=sharing

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	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute strives to minimise the waste generation on campus by recycling and reusing wherever possible.

SOLID WASTE MANAGEMENT: Canteen food waste is fed into the Biogas plant installed in the institute. The excess amount is put into the compost pit to convert the waste into organic fertilizer. This is then used as manure for gardening. Paper waste from students' journals is sent for recycling and conversion into writing pads

E-WASTE AND METAL WASTE: Metal waste from the workshops and project lab are salvaged or sold to the scrap dealer. The institute has an E-waste management policy which is followed. Electronic and computer accessories which are declared as obsolete are sold at salvage value for recycling to vendors who provide the e waste management certificate with MPCB (Maharashtra Pollution Control Board).

LIQUID WASTE MANAGEMENT: The coolant and oil waste from the machines in the workshop and other laboratories is filtered and reused.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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 **E. None of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **B. Any 3 of the above**

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

4. Ban on use of plastic**5. Landscaping**

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

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

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	View File
Any other relevant information	View File

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

The Vision statement of the institute is about developing a socially responsible citizen. College has always endeavoured to instil the right attitude and moral responsibility among the students and faculty by organizing various events to promote social harmony. Many events related to ethical, cultural and spiritual values are conducted every year. The institute conducts several cultural activities for the students like Independence Day, Teachers Day, Diwali, Republic Day etc. Clubs like Music club, Marathi Club, Literary Club and Dance club are part of the institute cultural scene. The outreach committee along with the NSS engages with underserved communities around the campus and provides an opportunity to sensitize the students about the needs and challenges of the weaker sections of society and trains them to innovatively address their needs through mini and major projects. NSS with the involvement of students conducted several activities like Yoga Exercises, Shramdan a cleanliness activity, cultural activities for the villagers, Street play for awareness of education, water saving and tree plantation, teaching to the rural students, Warli painting workshop, blood donation camp, COVID-19 Vaccination Drive, anticorruption webinar and The Entrepreneurship Program for women.

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 institute takes initiatives to sensitize the students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens. In this regard following activities were conducted.

Convergence Talk by: "Amit Lodha" 5th April 2022.

A talk by Amit Lodha, an IPS officer from the Bihar cadre who is currently the former IG of the BSF and a graduate of IITD, is well known for his efforts to take out the politically-backed Bihari Mafias. In recognition of his efforts, he has received the renowned President's Police Medal for Meritorious Service, the Police Medal for Valor, and the Internal Security Medal. He also published "Bihar Diaries" and "Life in uniform." Based on his experiences, a web series on Netflix is soon to be released. Amith Lodha gave insights to the students of the functioning of Law Enforcement.

The management of Don Bosco Institute of Technology consisting of Rev. Fr. Mario Vaz, Executive Director, DBIT, Rev. Fr. Mcenroe, Administrator DBCL campus and a few staff members representing DBIT were present for the flag hoisting ceremony. The independence day ceremony was conducted on a low note due to the covid restrictions.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/drive/folders/10L51dmwsThjwZgQXxZrh1EA22EsHKpHb
Any other relevant information	Nil

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 **B. Any 3 of the above**

ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

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 celebrates various national and international commemorative days events and festivals in the campus .

Independence Day celebration- The Cultural Committee has conducted this event online, around 300 participants attended. Some of the students and faculty did the flag hoisting.

Virtual Teachers Day Celebration - Institute has a unique culture to show faculty members our gratitude for their efforts. This event was streamed live on Zoom and aired on Instagram.

Engineers Day Celebration: Celebrated in honour of legendary engineer "Sir Mokshagundam Visvesarya". An onlinetalk was organized on the topic "Getting into Product based companies" with Ms. Keerti Purswani (Senior Software Engineer at Intuit, content creator on YouTube& LinkedIn). Around 50 participants attended this meet. Acompetition on the topic "eChronicle" was also conducted for the students.

Diwali Celebrations & Competitions: The faculty members, staff and management of college assembled for a pooja. The spark of festival was visible by the colourful decorations in the campus.

Republic Day Celebration-Students and faculty are invited for flag hoisting. Students and teachers perform patriotic events to raise awareness of constitutional rights and historical achievements.

Onam & Traditional Day Celebration: Students celebrate this day with fun events including rangoli, pookolam and traditional dress.

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	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

1. Using community based projects as a tool to develop students analytical skills, creativity and innovation and enhance student learning - The VISION statement of DBIT mentions about transforming students into Socially Conscious Citizens. To realize this vision, students are formally engaged in activities which sensitize them to needs of the community. During field visits students identify problems that could be solved using their skills. These problems are converted into projects on which they work, build prototypes and test it. The actual project is then designed. Students have designed innovative projects for the tribal people of Jawhar district.

2. Awareness of Innovation and Entrepreneurship amongst students and Faculty members of DBIT- This is an initiative to promote entrepreneurship as a career among the students and faculty at DBIT. Entrepreneurship and startup are at the core of New Education Policy 2020. At DBIT, we have adopted the National Innovation Startup Policy by the Ministry of Education and have been conducting pre-incubation activities. Our flagship programme in this genre is Make-A-Thon of which two editions have been successfully conducted. Students have also been winning competitions like Smart India Hackathon which demonstrates their ability to ideate, think out of the box.

File Description	Documents
Best practices in the Institutional website	https://dbit.in/images/pdf/naac/Best-Practices-website2122.pdf
Any other relevant information	Nil

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

HOLISTIC DEVELOPMENT OF THE STUDENT

At DBIT the term HOLISTIC encompasses physical, intellectual, emotional, social and spiritual development. A 3-TRACK PROGRAMME is designed to provide each student with opportunities for self discovery, realisation of one's potential, creating aspirations, developing an all-rounded personality, learning varied skills and being future ready as an engineer as well as a citizen.

The 3 TRACKS envisaged are as follows:

TRACK 1 is the ACADEMIC with academic activities like lectures and practicals. This track is driven by the teaching faculty and is curriculum centric.

TRACK 2 is the ASPIRATION track which comprises of all co-curricular activities. This track is driven by the student clubs and chapters and is expected to make every student aspirational in terms of knowledge and skill gathering.

TRACK-3 is the WELLNESS track which is about the emotional, social and spiritual growth of the student. This track focusses on building skills that will complement the students educational journey.

The departments plan the activities for each track and monitor students progress. Parents are also make a part of the students journey.

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

- The teaching workload distribution and preparation of the time-table is done prior to the commencement of the academic session
- The academic calendar for the institute is prepared to map all the curricular and co-curricular activities for the entire semester. The departments prepare their calendars to schedule all their events.
- Faculty prepares the COs and map it with the POs, PEOs and PSOs to identify curriculum gaps
- Teaching faculty develop their Teaching, Lesson, Course, and Practical Plan with a variety of curricular and co-curricular activities to fill the gaps
- All course material is uploaded on MOODLE LMS for students to access at all times.
- A review of MOODLE content is carried out in the first week of the term to identify any shortcomings
- Every department keeps a record of the lectures given, student attendance, assessments, co-curricular activities, departmental activity, audit reports on the MIS portal.
- Periodic tutorials, class tests, and MCQ exams are administered to gauge the students' ongoing progress.
- Faculty members employ a variety of pedagogies and activities to make the lessons in the classroom engaging and participatory.
- The Academic Monitoring Committee meets every two weeks to review academic progress and discuss ways to increase student engagement.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

- The institute adopts the curriculum developed by University of Mumbai and follows the academic guidelines prescribed by the university.
- The academic calendar of the institute maps all the curricular and co-curricular activities and the internal assessment schedule for the term. The calendar is prepared in consultation with all Deans and Heads of Departments. The calendar is shared with all the internal stakeholders prior to the commencement of the term and is uploaded on the website.
- Individual departments plan their schedule for the term and prepare the departmental calendar. Sufficient care is taken to ensure that activities are evenly spread and disruption to academics is minimized.
- Faculty compensate for any loss of academics by conducting extra classes on regular working days
- Loss of academics due to any unforeseen situation is compensated by working on Saturdays.
- Internal evaluations comprising of internal assessment tests (held twice in every semester) are strictly conducted as per the schedule mentioned in the calendar. The schedule for the external exams is provided by the university.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	https://www.dbit.in/timetable.html

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

4

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)

3

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

244

File Description	Documents
Any additional information	View File
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

- DBIT's mission of holistic development of students and faculty facilitates the integration of issues related to ethics, gender sensitivity and sustainability in the curriculum.
- A value added course (VAC) on wellness which includes aspects of professional ethics, gender sensitivity and human values is conducted for all students in the first year of engineering.
- The SIE (Sustainable innovations for the Environment) club organises field visits, lectures, hands-on sessions to introduce concepts like energy conservation in household, energy audit, calculation of carbon footprint, rainwater harvesting, etc.
- Sessions on gender sensitivity and sexual harassment laws are also organised for all staff
- The energy club conducts courses in renewable energy systems
- A full course on Renewable Energy Systems is conducted in semester-7 as an elective
- The institute also conducts institute level electives in Development Engineering and Environment Management in the 7th and 8th semesters in which students from all branches of engineering can enrol.
- During the NSS camps the students travel to tribal villages and learn about sustainable living from the villagers.
- Students undertake final year projects on sustainability like, waste flower recycling, design of energy efficient chulhas, managing menstruation waste, sensor based agriculture, etc.

File Description	Documents
Any additional information	No File Uploaded
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

15

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	No File Uploaded
Institutional Data in Prescribed Format	View File

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

410

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

A. All of the above

from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	https://dbit.in/feedback.html
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	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	https://dbit.in/feedback.html
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	
224	
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	
109	

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

The departments evaluate the students' proficiency levels to determine the fast and slow learners. Performance indicators include results from pre-requirement exams, class exams, final exam results, and student attendance. At admission, students are also evaluated on their ability to communicate effectively. After taking the initial Internal Assessment (IA-1) test, students are classified as weak (slow learners) or brilliant (advanced learners). The weaker students receive mentoring and counselling to help them comprehend their challenges. In these seminars, parents are also welcome to join. To assist the students with their coursework, peer mentors are provided. Remedial instruction, supplementary coaching, and additional practicals are planned for the pupils. Regular evaluations of their academic progress are conducted. Conversely, advanced students are urged to take part in competitions. Their academic progress is periodically assessed. On the other side, advanced students are urged to take part in events like hackathons, robot conferences, off-road vehicle building contests, and so forth. They are driven to do small-scale research projects, pursue advanced certifications through websites like COURSERA and SWAYAM, complete internships, and present their research at conferences both domestically and abroad. Additionally, the students are inspired to work on product development and launch their own start-ups.

File Description	Documents
Paste link for additional information	https://www.dbit.in/images/pdf/BSH/newsletters/FE%20Newsletter%202021-2022.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
945	62

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

- The Academic year of 2021-22 started with the online teaching methodology in the initial odd semester and blended online and offline methodology in the even semester.
- The students were provided a supportive learning environment in the online mode by using virtual whiteboard. The course content was made interactive and visual by using animations, videos, quizzes, Power Point Presentation, Microsoft Office tools, Google Meet, Moodle LMS, Google Colab, Open board, Pentab, Digital Pad and Pen, Open-source software's like Audacity, OBS & Shortcut.
- In the offline mode, the faculty used a mix of learning tools like flipped classroom, interactive animation and simulations. Short animated videos based on the concepts, topic wise Quizzes, presentations by students on various case studies were used to engage the passive students. Use of online resources from NPTEL, Coursera, YouTube links, etc. were used to encourage collaborative learning.
- To support the students doing internship professional quality videos were made using open-source software to promote self-learning. Blended learning like Cloud Computing, Collaborative Coding, use of quizzes, cryptex and crosswords, mini-projects case-study and project-based learning were practiced.
- Problem solving sessions were conducted for the students of FE and SE to improve their analytical skills

File Description	Documents
Upload any additional information	View File
Link for additional information	https://dbit.in/images/pdf/naac/INNOVEX2021_Report.pdf

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

DBIT follows ICT enabled teaching wherein all the classrooms and labs are ICT enabled with projectors installed, high speed wifi connection to support hybrid mode of teaching. The faculty used various ICT enabled tools to enhance the quality of teaching-learning like:

- Google meet or Zoom to conduct tests and for lecture delivery along with interactive methods for effective teaching such as PowerPoint presentations with animations, Video clippings, Use of online resources from NPTEL, Coursera, youtube links, Simulation tools, Virtual labs, mentimeter, Quizz.com, various Cloud portals etc.
- Faculty use various online tools like- whiteboard in Microsoft teams, Jamboard in Google meet, Pentab etc. for solving critical or complex problems.
- Moodle is used as a course management system for uploading teaching materials, conducting experiments, online tests and e-assignments etc.
- Various activities were conducted in hybrid mode including Project presentation, Debates, Group discussions, Mentoring, PTA meet and AAC meet.
- As a platform, WhatsApp groups are used to communicate, make announcements, and share information.
- The research journals and ebooks are available on online libraries to faculty and students.
- Departments conducted webinars, workshops and guest lectures on latest tools/ technologies by Industry experts and Alumni which were broadcasted on Youtube.

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

62

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

62

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

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

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

13

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

683

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

2.5 - Evaluation Process and Reforms

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

During the academic year 21-22 the assessment was partly online and partly offline. The procedures laid down by the Mumbai University are followed for assessment and evaluation. Written exams are complemented with viva-voce and practical exams to test the theoretical as well as practical knowledge of the students.

- The assessment period is marked in the academic calendar and shared at the beginning of the academic term
- The SOPs for the conduct of internal assessment tests are provided by the examination cell. An exam coordinator is appointed by each department
- The syllabus for the exam as well as the format of the assessment is shared with the students at least 10 days

prior to the exams. Seating arrangement for exams is also displayed a couple of days prior to the exams. Cameras are placed in the classrooms to prevent copying .

- Written exams are closely supervised to prevent any malpractices. External examiners are appointed for viva-voce and practical exams.
- Faculty submits answer key to the exam section before paper evaluation. Answer keys are uploaded on the LMS after the exams.
- All records related to student attendance and answer sheets, etc are meticulously maintained to ensure traceability.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.dbit.in/timetable.html

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

- DBIT has a very effective and transparent mechanism to deal with the grievances related to assessment, communication of various rules and notices and timely declaration of results. A student can approach the subject teacher / the department exam coordinator / the HOD / the examination cell / Principal directly to redress the examination related grievance. The Institution executes the guidelines provided by the University as displayed on the University website.
- Exam related malpractices are handled by a committee comprising of Principal and HODs
- The institute also follows up with the university on behalf of the students to ensure timely redressal of the grievance.

- Grievances related to Internal Assessment (IA) test and term work are handled by the respective HoD and the department Exam Committee member and are communicated to the Controller of Examination (CoE) and the Principal.
- The grievances during the conduct of the theory examinations are redressed in consultation with the Principal and if necessary, forwarded to the University by examination section.
- For any post examination queries, the student has to apply to the University, following the above mentioned procedure, within fifteen days after declaration of the result.

File Description	Documents
Any additional information	View File
Link for additional information	https://dbit.in/images/pdf/LetteforIAredressalbystudent.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.

- Our institute uses the Programme Outcomes (Graduate Attributes) framed by the National Board of Accreditation (NBA) and our Vision-Mission statement as the framework to define our Programme Educational Outcomes (PEO) , the Programme Specific Outcomes (PSO) and the Course Outcomes (CO).
- Each faculty prepares a teaching -learning plan and lesson plan, at the beginning of the semester, in which the learning outcomes and course outcomes are clearly mentioned
- The course outcomes and the programme outcomes are framed collaboratively with inputs from academia, industry and alumni
- The course outcomes and programme outcomes are disseminated

amongst the various stakeholders during student orientation, parent teacher meet, academic advisory meeting, alumni meet and so on. The COs and POs are also displayed prominently in class-rooms, laboratories and on the website.

- Faculty share the COs with the students during their lecture and laboratory sessions.
- Regular quizzes are conducted during lectures and practicals to assess the extent of student learning and evaluate the fulfilment of learning outcomes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://drive.google.com/file/d/1P-xEGO7EiMDXPsvFkj-1hbFOdfOQyH_P/view
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.

- Outcome Based Education policy is practiced in DBIT. Every department carries out various assessment through one or more processes which involves identifying, collecting, and tabulating data to evaluate the attainment of COs and POs. These are done using various tools/methods identified by the faculty. Attainment levels are set based on the student performance in previous exams. For both formative and summative assessment of students, various sets of Rubrics are designed. The rubrics are shared with students before evaluation to generate awareness of the performance criteria and its weightage. The faculty assesses student progress periodically and maintains records of the same.
- The assessment methods provide a sampling of what students know and/or can do. The attainment provides strong evidence of student learning all round the year. In the process of calculating the attainment, care is taken to capture the

aspects of student's knowledge and skills. The various assessment methods include class tests, internal assessment tests, assignments, end semester examinations, seminars, laboratory assignments, practical performance, mini projects, group discussions. The attainment is calculated directly and indirectly for each course.

- If actual attainment is lower than the pre-determined value corrective actions are taken to improve performance in the next cycle.

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

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

351

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.in/naac.html

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.in/naac.html>

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)****13.868**

File Description	Documents
Any additional information	View File
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****3**

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****2**

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://www.ltfs.com/csr.html

3.2 - Innovation Ecosystem

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

The institute's commitment towards innovation and incubation is evident through the VISION statement. DBIT strongly believes in nurturing entrepreneurship amongst its students and faculty and has created an ecosystem for this. Idiot's Room is the Entrepreneurship Cell of Don Bosco Institute of Technology, Mumbai. It is a student organisation formed in 2017 to raise awareness of Entrepreneurship, Management, and Finance, therefore bridging the gap between Engineering and these disciplines. By holding different Talks, Workshops, Competitions, and other similar events spanning from Internship Expos to Brand Building and Social Entrepreneurship. The objective of DBIT's E-cell is to create a platform for students to develop and refine skills that are vital to every entrepreneur.

What does DBIT's E-Cell do?

"Ideas are Bulletproof" is the motto of DBIT's E-Cell. This organization tries to continually construct a platform that supports aspiring entrepreneurs in the student community by helping them discuss their ideas, produce a business plan, and connect to Idiot's Room Mentors, Incubators, and Investors. This is a platform for all those individuals who dare to think out of the box and aspire to be entrepreneurs. We are an organization that strives to support and help society's so called 'Idiots Room'.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/drive/folders/1Zow-V2HM12jzGXzPwPERdh2m4vTPsdiv?usp=sharing

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

29	
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	
2	
File Description	Documents
URL to the research page on HEI website	https://www.dbit.in/papers-publications.html
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	View File
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	
10	
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

21

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

The Vision statement of the institute emphasises on holistic development as well as creating socially conscious citizens who will contribute towards creating sustainable technologies. The institute contributes to the welfare of the local communities not only through a strong NSS cadre but also through other socially relevant activities. Themes for the year 2021-22 's outreach activities were as follows

- Education & Health -Conducted various programs to create awareness among the parents and children regarding importance of education & health
- Training on various social and livelihood issues- Conducted various awareness sessions for urban and rural communities.
- Technical projects : To solve the community problems community based projects were implemented .All these projects were exhibited in Innovex. Innovex is annual project exhibition/competition, which was evaluated by industry experts .
- The objectives behind organizing all these activities are 1)sharing of expertise and resources for the benefit of the underprivileged children, youth and women of the local and rural communities.2) Sensitizing students towards social issues and reflecting on the unique contribution of the institute to societal problems of using design thinking method. 3)To build character and personality of students through community service in a variety of areas of social concern and importance.

File Description	Documents
Paste link for additional information	https://www.dbit.in/images/pdf/naac/INNOVEX_2022_Report.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

2

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

67

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

898

File Description	Documents
Report of the event	View File
Any additional information	View File
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

96

File Description	Documents
e-copies of related Document	View File
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

16

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.

DBIT has full-fledged facilities related to infrastructure and equipment. The major facilities include 15 ventilated and well-furnished equipped classrooms LCD projector, public address system and internet connection. 36 laboratories, 2 Seminar halls, an auditorium, 2 cafeteria, office rooms, examination centre, medical rooms, boys & girls common rooms, prayer hall, library, drawing halls and facilities such as football ground, basketball court volleyball court, carom, table tennis, and gym.

Labs have modern equipment with facilities such as 3D printers, milling machines, vector network analyser, 32-bit logic analyser, flue gas analyser, antenna test measurement system to expose the students to the latest technologies.

DBIT workshop has modern CNC lathes, high-end milling and shaping machines.

DBIT offers high-end software like Mat lab, ANSYS Workbench including FLUENT, GENESYS and Solid Works.

DBIT provides high-speed internet, LAN and Wi-Fi with a large number of computers facilities. The present computer to student ratio is 1.0 as against 4.0. Moodle is offered as LMS on amazon cloud. (www.elearn.dbit.in).

Campus is CCTV surveillance enabled. The library has a rich collection of books, e-journals, ebooks and plagiarism software. It has a reading, reference and digital section with 30 computers and Low-cost reprography.

DBIT provides a hygienic and affordable canteen facility.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.in/Infrastructure.html

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

The Don Bosco culture of learning is based on the holistic development of a student. To stay true to this culture, priority is given to the participation of students in extracurricular and cocurricular activities. To provide a platform for the same, the college provides substantive facilities as given below for the students to venture out and be a part of the amazing array of sports and cultural events. The college is blessed with a lush green field to play sports like Football, athletics, volleyball, and throw ball. Adjacent to the football field concrete court is provided to play box cricket, badminton, and basketball. Indoor game facilities like Table Tennis, carom boards, and Chess boards are available in girls' and boys' common rooms. Hysteria is the annual Cultural Festival and Colosseum is the annual technical festival of the college. Hysteria, an Inter department-College Event, encompasses cultural and sporting events held for all the different departments/colleges in Don Bosco Centre for Learning. A fully-fledged 506 sq.m auditorium holds innovative and sparking cultural events. These include domains of fine arts, literary arts, performing arts and photography, blood donation camp, Women selfdefense training, gatherings, exhibitions, conferences and workshops, and Yoga classes. Yoga classes are conducted by an expert trainer, so as to inculcate it as an integral part of student life. Institute promotes students to play at inter-college and higherlevel tournaments.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.in/hysteria.html

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

17	
File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.in/Infrastructure.html
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)	
43.33543	
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)	
<p>Year Name of the ILMSSoftware Nature of automation(fully or partially) Version Year of automation 2020 - 21 Koha Fully 21.11.11.000 2011</p> <p>The library facility at the institute has reference, circulation, periodical, multimedia, issue-return & reading sections. The reading room is well furnished to accommodate students at a time and provides a conducive environment for study. The Library is housed with required textbooks, reference books, periodicals, and journals. The library is automated using Open Source Koha Library Management System, which enables the students and faculty to check books availability anywhere on the campus. It also helps to</p>	

maintain a record of books issue and return.

Both students and staff can also access the library services from outside the campus, through web Access OPAC, <http://opac.dbit.in>. Institute also cultivates a research culture amongst students and faculty.

To avoid plagiarism and copy right issues, the institute has plagiarism software. Institute also annually takes subscriptions of international e-journals and made them available on all computers in the institute.

The library has dedicated 31 computer terminals connected with 150 Mbps internet so that students can access e-journals, NPTEL video, and notes.

The library has taken steps to tie up with other technical libraries like IIT Bombay, NDL and others, to augment its services. The Peer library committee which also includes students' participation reviews the progress of the library.

The library is periodically updated with the latest journals and periodicals along with the text books required by the curriculum.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://opac.dbit.in

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)

7.356

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

4565 450

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

4.3 - IT Infrastructure

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

DBIT provides its students with well-equipped IT facilities with a total of 1021 computers, 150 Mbps internet. The internet is extended to all rooms and offices through LAN connections and routers. All classrooms are provided with an LCD projector, audio system and highspeed Internet connection. Servers have 12 to 32 GB RAM with Xeon and IBM processor.

Institute has hosted all web services internally using Apache server along with two public Domain Name Servers locally. IPCop Firewall is used for protecting all servers and computers from attacks.

DBIT has a Central login authentication system (LDAP) facility. Zimbra mail server is used for official communication.

The institute makes use of One or Zero Helpdesk & Task Management System for raising technical support . Library uses updated Koha software while Moodle is used as a LMS.

A biometric login system is used for staff attendance management. All students and faculty are provided with storage space in DBCL Drive, cloud-based self-hosted file syncsolution with LMS On the cloud.

MIS and NEST (New Exam System Terminal) software used for staff record with Biometric login system, students attendance, and academic activities. NEST is the in-house examination software. Institute also has a dedicated high-quality audio recording studio.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dbit.in/Infrastructure.html

4.3.2 - Number of Computers

1021

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

254.48

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

Systems have been established to ensure that facilities maintenance and upkeep to be used by students and staff.

1. **Laboratories:** The laboratory in charge needs to take care of the up-gradation of equipment and software as per the syllabus. The laboratory assistant along with the laboratory in charge handles the laboratory equipment and maintains the Dead Stock Register (DSR) and the routine maintenance of the equipment.

2. **Library:** Library committee addresses specific needs of the students and staff related to availability of books, accessing of journal articles, utilization of plagiarism software, etc. Librarian with supporting staff maintains a central library.

3. **Sports ground:** The sports committee along with the Sports -in-Charge ensures the availability of sports equipment and monitors the usage of the ground, courts, and indoor games facilities.

4. **Class Rooms:** Classrooms are allocated to all departments along with necessary ICT tools.

5. **IT facilities:** All departments in the college are allotted Computers with essential software and necessary applications. The network administrator along with the assistant's maintains the IT facilities in the institute.

6. Electrical, Drinking water coolers, Lift: housekeeping committee inspects the facilities like toilets, water coolers, class rooms, corridors and conveys any specific requirement to Dean Administrator.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students 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

390

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

4

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File
5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above
File Description	Documents
Link to Institutional website	https://www.dbit.in/
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	
242	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
242	
File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The Institution has a transparent mechanism for timely redressal of student	A. All of the above

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

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	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

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

242

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
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

48

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

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

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

64

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.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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)	No File Uploaded

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)

Institutes facilitates students representation and engagement under several activities with various committees like student council, student clubs and chapters from various departments, departmental days etc. Student Council is the representative body of the students of the college.

The objective of the council is to make the students to participate in the development activities of the institute as well as to develop their personality, organizational skills and career through organizing interactive programs with the faculty, alumni, and industry.

The student council provides a common platform to students for co-curricular and extra-curricular activities. It is responsible for all the major technical, cultural, literary and sports activities organized in the college premises. The management of the institute endorses activities of the council.

It is responsible for all the major technical, cultural, literary and sports activities organized in the college premises. The management of the institute endorses activities of the council.

Activities under the council is well supported by a team of faculty members.

Each year the student class representatives elect the following members (one boy and one girl student) to the student council: 1. General Secretary 2. Technical secretary 3. Treasurer 4. Cultural Secretary 5. Sports Secretary 6. Public Relation 7. Alumni Secretary

File Description	Documents
Paste link for additional information	https://www.dbit.in/dbit-student-council.html
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

24

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

The Salesians of Don Bosco is an international organisation headquartered in Rome. The Indian National Federation of the Past Pupils of Don Bosco was founded in 1968 in Mumbai. The Alumni Association of DBIT is affiliated to the Mumbai Provincial Federation of the Past Pupils of Don Bosco which in turn is affiliated to Indian National Federation of the Past Pupils of Don Bosco. DBIT is part of the Kurla unit of the Mumbai Provincial Federation. Despite the affiliation, individual Don Bosco Institutes are permitted to have their own Alumni association without a formal letter of affiliation. In the alumni meet of March 2018, the DBIT Alumni Association was formalised and elections were held for the various posts after receiving nominations. Distinguished alumni were felicitated for their

contribution to various fields. Alumni of DBIT have been contributing to the development of the institute in over the past several years.

Some of the activities in which alumni have contributed are:

Visiting faculty for lectures in various subjects

Expert lectures on upcoming technologies

Full time teaching faculty (Some alumni are full time teaching faculty in this institute)

Design and maintenance of institute website

Conducting training programmes and workshops for students

File Description	Documents
Paste link for additional information	alumni.dbit.in
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

D. 1 Lakhs - 3Lakhs

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

The institute's Vision is to create enjoyable and holistic learning environment for the students to transform themselves into socially conscious citizens. The pedagogy is advocated by the "Don Bosco Way" of social inclusiveness and active learning. We see our future engineers as able to conduct research to solve societal and industrial issues and become entrepreneurs in the area of sustainable technologies.

The Institute's mission is to nurture and foster the values like

honesty, integrity, sensitivity toward the underprivileged and use innovative problem skills acquired during the program to develop sustainable solutions.

To realise its Vision and Mission the institute has appointed Dean of Research & Development and Dean of Innovation and Entrepreneurship to drive the agenda of research and entrepreneurship.

The DBIT journal of Science and Technology is published each year to showcase the research work done by students and faculty. To promote entrepreneurship and create a start-up eco-system an E-Cell and Institute Innovation Cell (IIC) have been established. The Institute has been placed in the "Promising" category for 2021-2022.

The institute has established good governance system through College Development Committee, which help in understanding the difficulties at the operational levels and continually improving.

File Description	Documents
Paste link for additional information	https://www.dbit.in/images/pdf/ARIIA/ARI-C-33880.jpg
Upload any additional information	View File

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

The process of decentralization and the participative management is practised in all the aspects of operations. Following are few case studies:

CASE STUDY 1 Decentralization and participative management is the culture of our institute since past few years. • Prior to the end of the financial year each HOD submits the department budget to the Principal for the following academic year. • The HOD gathers the necessary requirements from their departmental colleagues. • The Principal consolidates all the requirements under various budget heads and presents the consolidated budget before the CDC for their approval, post which it is presented before the Board of Governors for approval.

CASE STUDY 2: The subject teacher is authorized to decide the

organizing of guest lectures for the students, budgetary provision for the guest lectures and workshops, etc is part of department budget. The department plans and executes the curricular, extracurricular and co-curricular activities • For example of a co-curricular activity:- Colosseum 2021 Annual Technical Festival

File Description	Documents
Paste link for additional information	https://www.dbit.in/events_reports.html
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

DBIT takes immense pride in promoting research at the undergraduate level. Research initiatives have been a significant part of the institute's growth and development. Strategy Outcome 1 : To promote undergraduate research through final year project.

Steps to implement the strategy :

The Literature survey tool which was designed in last academic year was continued to be used this year. There Increase in number of publication.

Strategy Outcome 2: To inculcate research culture among final year students.

Steps to implement the strategy :

The Research Methodology Course has been continued this year also.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://www.dbit.in/papers-publications.html
Upload any additional information	No File Uploaded

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

Service rules:- The institution has framed the Service Rules according to the AICTE, UGC and UoM norms. The official working hours of the institute are from 9:00 AM to 5:00 PM. The teaching and non-teaching faculty have the benefits of EPF/ Group Insurance Scheme / Gratuity and Casual / Earned / Medical / Maternity / Compensatory Leaves.

Recruitment Policies: The HoDs reviews faculty requirements as per teaching load and submits the consolidated staff requirement to Principal. Recruitment takes place according to the norms of the University of Mumbai, AICTE and rules applicable for institute with minority status. The selection committee decides the worthiness of the faculty member by his/her performance in the interview according to the parameters. In case of the Ad-hoc requirement the recruitment happens through written test, demonstration lecture and interview with Principal & Director.

Promotional Policies: Promotions are based on merit and qualifications required for the higher position. The policy is outlined in the service rule book. **Grievance redressal and Internal Complaints:** The institute has formed Grievance Redressal Committee to handle student grievances regarding teaching and assessment. The committee has framed guidelines as well as processes for timely review and redressal.

An Internal Complaints committee has also been formed to handle cases of gender discrimination, harassment or any other matter related to the day- to -day activities on campus. Committees are also in place to handle the issues of minorities and those belonging to socially backward communities.

File Description	Documents
Paste link for additional information	https://www.dbit.in/dbit-faculty-committee.html
Link to Organogram of the institution webpage	Nil
Upload any additional information	View File

6.2.3 - Implementation of e-governance in

A. All of the above

**areas of operation Administration Finance
and Accounts Student Admission and
Support Examination**

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
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 institute demonstrates its concern for staff well being by creating a congenial and caring environment on campus.

Staff self-development:

- Teaching and non-teaching faculty are provided sponsorship to upgrade their qualifications by sponsoring their Phd studies, sponsorship for skill enhancement like certification and training, granting leave for preparing for exams, book writing
- Sponsorship and grant of leave to attend various programmes like National / International conferences, workshops , STTPS and Seminars.
- Conducting Faculty Development Programmes on topics related to academics and self development
- Rotation of key leadership positions like HOD and Dean amongst the staff to provide an opportunity to develop leadership skills
- Individual computer for all teaching faculty with internet connection and access to high quality scholarly material
- Medical checkup for all staff is being conducted.

Health and welfare

- Ensure immediate medical attention for any health emergency by admitting to near by hospital (Kohinoor).
- Accidental death policy with Oriental insurance company for

all staff

- Campus Minister and counsellors available on campus to resolve any conflicts or personal grievances of staff
- Prayer room and infirmary available for staff and students
- Class 4 employees given uniform every 2 years. Snacks and tea provided to Class-4 employees each day
- Ward of staff given preference under management quota for admission to the program

File Description	Documents
Paste link for additional information	https://www.dbit.in/fdp.html
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

12

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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
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

30

File Description	Documents
IQAC report summary	No File Uploaded
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

Teaching faculty appraisal:

The appraisal system is merit based and is used as a tool to offer or deny increments and promotions. The appraisal process

not only evaluates the faculty performance against stated parameters but also provides guidelines for upgrading oneself.

The appraisal process comprises of the following elements:

- Faculty self-appraisal and Management review is conducted once a year by Management.
- Peer review of classroom teaching is carried out every semester by the senior faculty and Dean - Academics once every semester.
- Review of Course file is carried out by peers once every semester.
- Review of learning material uploaded on MOODLE is carried out by MOODLE review team once every semester.
- Student feedback on the teacher is conducted twice every semester.

Non-teaching staff:

The performance appraisal of non-teaching staff is carried out by their respective HODs. Different self-appraisal formats are used to capture data and information regarding the staff's attitude towards work, efficiency and commitment. The HOD reviews these formats and counsels and motivates the staff to improve performance

The performance of the class-4 employees is reviewed by the Dean of Administration/ Administrator.

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 college has the mechanism of both internal and external audits for the financial activities carried out. Accounts department is headed by Accounts Manager who maintains financial accounts and prepares all financial statements and submits them to all statutory bodies like AICTE, Shikshan Shulka Samiti (SSS),

etc when required. The institute is a self-financed private institute thus the main source of income is the tuition fee collected from the students. SSS decides the fee on the basis of the expenditure incurred by the institute. The institute submits audited statements of accounts as evidence annually or when required. The final statement of accounts is audited by an external chartered accountant every year.

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

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

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

3.49

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

STRATEGIES FOR RESOURCE MOBILISATION

1.Motivating faculty to apply for research grants of UGC, AICTE, DSTE, BARC, IEEE for funding research activities and purchase of high end equipment for laboratories

2.Conduct Value added courses for students other than those mandated by the curriculum

3.Carrying out consultancy work for industry

4.Use of laboratory equipment for testing

5. Encouraging faculty to engage in product/process design and patent the same

6. Sponsorship of laboratories and equipment by industry through MoUs

7. Applying to various bodies for grant for conducting Short Term Training Programmes on new technologies

8. Sponsorship from corporates of students activities like competitions, technical festival, cultural and sports festivals., participation in national competitions like SAE -BAJA, GKDC, etc.

9. Approaching alumni, parents and well wishers for donations and sponsorship of the following activities: Fees, books, laptops for economically backward students Sponsorship of activities for community development Funding of conferences and workshops Purchase of laboratory equipment

File Description	Documents
Paste link for additional information	Nil
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

1. Restructuring of the various committees for effective functionality.

Since the faculty was involved in multiple committees. It was observed that faculty were not able to contribute effectively in each committee. The IQAC team headed by Principal identified the key committee at three levels. Institutional level, Department Level and certain tasks were identified as responsibilities.

The number of committees has been reduced to 7 at Institute level from 30.

2. Conducted various faculty development programmes

To generate awareness about the sustainability and quality various

FDP were carried out for Staff of the Institute.

File Description	Documents
Paste link for additional information	https://www.dbit.in/igac.html
Upload any additional information	View File

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

IQAC conducts periodic review of teaching learning processes for its effective implementation. The review process is as follows

1. Audit of LMS (Moodle) system to check the availability of teaching and learning plan, lecture notes, lab manuals, sample question papers, module wise MCQ, previous year questions papers is performed three times in a semester.

2. Peer review of content delivery of faculty is performed to ensure the quality of teaching as per the peer review tool.

3. Faculty feedback is taken from students to understand the effectiveness of the content delivery.

4. Course file audit is conducted after end of every semester.

Based on findings of above processes corrective measures are taken to improve quality of teaching learning processes.

File Description	Documents
Paste link for additional information	Nil
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)

B. Any 3 of the above

Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	https://www.dbit.in/images/pdf/naac/Annual_Report2021-22.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
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

Having equal access to opportunities and to be treated with fairness is one of the core values for promoting gender equity in DBIT. As a measure of converting core values into an action plan, the student's council representing the committees, professional bodies and students' clubs has girl students in and across DBIT.

(a) Safety and Security

- Surveillance for 24x7.
- Faculty discipline committee.
- Awareness campaigns on women safety and gender sensitivity through street plays by drama club and women's development cell activities or program and posters related to gender equity are struck in and around the campus to promote and create an awareness to edge over the needs in the current industry to participated equally.

(b) Counselling

- Formal avenue for counselling male and female students for academic and other issues/problems.
- Grievance Redressal Committees for students.

(c) Common Rooms:

- Common rooms for male students and female students, which facilitate meetings and indoor games.

Events were conducted by the "Women's Development Cell ", to promote, support, and boost the morale of students. An online competition was conducted on the topic "Rethinking the Default: An Ideation Competition".The objective was to ideate and design a product to address Gender bias/discrimination in Technology Design.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/document/d/1UiYIj9fh-JXd_s9mbITxrlfDyq1GWd-n/edit?usp=share_link&oid=116334637800581930653&rtpof=true&sd=true
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://drive.google.com/file/d/15qCMNX6Jf_jnp2XEYRepOghNnywdD8aT/view?usp=sharing

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
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of

degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute strives to minimise the waste generation on campus by recycling and reusing wherever possible.

SOLID WASTE MANAGEMENT: Canteen food waste is fed into the Biogas plant installed in the institute. The excess amount is put into the compost pit to convert the waste into organic fertilizer. This is then used as manure for gardening. Paper waste from students' journals is sent for recycling and conversion into writing pads

E-WASTE AND METAL WASTE: Metal waste from the workshops and project lab are salvaged or sold to the scrap dealer. The institute has an E-waste management policy which is followed. Electronic and computer accessories which are declared as obsolete are sold at salvage value for recycling to vendors who provide the e waste management certificate with MPCB (Maharashtra Pollution Control Board).

LIQUID WASTE MANAGEMENT: The coolant and oil waste from the machines in the workshop and other laboratories is filtered and reused.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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

E. None of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

B. Any 3 of the above

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

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

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	View File
Any other relevant information	View File

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

The Vision statement of the institute is about developing a socially responsible citizen. College has always endeavoured to instil the right attitude and moral responsibility among the students and faculty by organizing various events to promote social harmony. Many events related to ethical, cultural and

spiritual values are conducted every year. The institute conducts several cultural activities for the students like Independence Day, Teachers Day, Diwali, Republic Day etc. Clubs like Music club, Marathi Club, Literary Club and Dance club are part of the institute cultural scene. The outreach committee along with the NSS engages with underserved communities around the campus and provides an opportunity to sensitize the students about the needs and challenges of the weaker sections of society and trains them to innovatively address their needs through mini and major projects. NSS with the involvement of students conducted several activities like Yoga Exercises, Shramdan a cleanliness activity, cultural activities for the villagers, Street play for awareness of education, water saving and tree plantation, teaching to the rural students, Warli painting workshop, blood donation camp, COVID-19 Vaccination Drive, anticorruption webinar and The Entrepreneurship Program for women.

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 institute takes initiatives to sensitize the students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens. In this regard following activities were conducted.

Convergence Talk by: "Amit Lodha" 5th April 2022.

A talk by Amit Lodha, an IPS officer from the Bihar cadre who is currently the former IG of the BSF and a graduate of IITD, is well known for his efforts to take out the politically-backed Bihari Mafias. In recognition of his efforts, he has received the renowned President's Police Medal for Meritorious Service, the Police Medal for Valor, and the Internal Security Medal. He also published "Bihar Diaries" and "Life in uniform." Based on his experiences, a web series on Netflix is soon to be released. Amith Lodha gave insights to the students of the functioning of Law Enforcement.

The management of Don Bosco Institute of Technology consisting of Rev. Fr. Mario Vaz, Executive Director, DBIT, Rev. Fr. Mckenroe, Administrator DBCL campus and a few staff members representing DBIT were present for the flag hoisting ceremony. The independence day ceremony was conducted on a low note due to the covid restrictions.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/drive/folders/10L51dmwsThjwZgQXxZrh1EA22EsHKpHb
Any other relevant information	Nil

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 celebrates various national and international commemorative days events and festivals in the campus .

Independence Day celebration- The Cultural Committee has conducted this event online, around 300 participants attended. Some of the students and faculty did the flag hoisting.

Virtual Teachers Day Celebration - Institute has a unique culture to show faculty members our gratitude for their efforts. This event was streamed live on Zoom and aired on Instagram.

Engineers Day Celebration: Celebrated in honour of legendary engineer "Sir Mokshagundam Visvesarya". An online talk was organized on the topic "Getting into Product based companies" with Ms. Keerti Purswani (Senior Software Engineer at Intuit, content creator on YouTube & LinkedIn). Around 50 participants attended this meet. A competition on the topic "eChronicle" was also conducted for the students.

Diwali Celebrations & Competitions: The faculty members, staff and management of college assembled for a pooja. The spark of festival was visible by the colourful decorations in the campus.

Republic Day Celebration- Students and faculty are invited for flag hoisting. Students and teachers perform patriotic events to raise awareness of constitutional rights and historical achievements.

Onam & Traditional Day Celebration: Students celebrate this day with fun events including rangoli, pookalam and traditional dress.

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	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

1.Using community based projects as a tool to develop students analytical skills, creativity and innovation and enhance student learning - The VISION statement of DBIT mentions about transforming students into Socially Conscious Citizens. To realize this vision, students are formally engaged in activities which sensitize them to needs of the community. During field visits students identify problems that could be solved using their skills. These problems are converted into projects on which they work, build prototypes and test it. The actual project is then designed. Students have designed innovative projects for the tribal people of Jawhar district.

2. Awareness of Innovation and Entrepreneurship amongst students and Faculty members of DBIT- This is an initiative to promote entrepreneurship as a career among the students and faculty at DBIT.Entrepreneurship and startup are at the core of New Education Policy 2020. At DBIT, we have adopted the National Innovation Startup Policy by the Ministry of Education and have been conducting pre-incubation activities. Our flagship programme in this genre is Make-A-Thon of which two editions have been successfully conducted. Students have also been winning competitions like Smart India Hackathon which demonstrates their ability to ideate, think out of the box.

File Description	Documents
Best practices in the Institutional website	https://dbit.in/images/pdf/naac/Best-Practices-website2122.pdf
Any other relevant information	Nil

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

HOLISTIC DEVELOPMENT OF THE STUDENT

At DBIT the term HOLISTIC encompasses physical, intellectual, emotional, social and spiritual development. A 3-TRACK PROGRAMME is designed to provide each student with opportunities for self discovery, realisation of one's potential, creating aspirations, developing an all-rounded personality, learning varied skills and being future ready as an engineer as well as a citizen.

The 3 TRACKS envisaged are as follows:

TRACK 1 is the ACADEMIC with academic activities like lectures and practicals. This track is driven by the teaching faculty and is curriculum centric.

TRACK 2 is the ASPIRATION track which comprises of all co-curricular activities. This track is driven by the student clubs and chapters and is expected to make every student aspirational in terms of knowledge and skill gathering.

TRACK-3 is the WELLNESS track which is about the emotional, social and spiritual growth of the student. This track focusses on building skills that will complement the students educational journey.

The departments plan the activities for each track and monitor students progress. Parents are also make a part of the students journey.

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

In order to implement the National Education Policy 2020, which encourages multi-diciplinary learning, it is necessary to maintain the academic credit. During the 2022 - 2023 it is planned to ensure that the students are registerd on ABC.

AICTE and NITI Ayaog has been promoting the Future skill for the learners as part of Implementation of the Minor / Honor Program, we plan to develop competency in each department to offer atleast one minor / honor program.

Following are the Mapping of the department and Possible program:

- 1) Computer Engg -- Program in Data Science
- 2) Information Technology -- AI & ML or Cybersecurity
- 3) Electronics and Telecommunication --- Internet of Things
- 4) Mechanical Engg -- 3D printing or / and Electrical Vehicle