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	Dr. NAGABHUSHANA B S
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	08028437028
• Mobile no	9972550099
• Registered e-mail	principal@dbit.co.in
• Alternate e-mail	dbit.principal@gmail.com
• Address	MYSURU ROAD, KUMBALAGODU, BENGALURU-560074
• City/Town	BENGALURU
• State/UT	KARNATAKA
• Pin Code	560074
2.Institutional status	
• Affiliated /Constituent	AFFILIATED
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**
• Name of the Affiliating University	**VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI**
• Name of the IQAC Coordinator	**Dr. R L Ramesh**
• Phone No.	**08028437029**
• Alternate phone No.	**08028437030**
• Mobile	**9845657560**
• IQAC e-mail address	**iqac@dbit.co.in**
• Alternate Email address	**rameshrl@dbit.co.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://dbit.co.in/assets/about/pdf/naac/NACC_AQAR-2020-2021.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://dbit.co.in/assets/pdf/naac/2021-22/PART%20A%20-%20ACADEMIC%20CALENDER%20-%202021-2022.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.53**	**2019**	**20/05/2019**	**19/05/2024**

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

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Mechanical Engineering	**VTU Grants**	**VTU, Belagavi**	**2021-2022, 2years**	**7,00,000**
Mechanical Engineering	**SSP**	**KSCST**	**2021-2022, 1Years**	**8,000**
Mechanical	**SSP**	**KSCST**	**2021-2022,**	**8,000**

Engineering			1Years	
Mechanical Engineering	SSP	KSCST	2021-2022, 1Years	6,000
Mechanical Engineering	SSP	KSCST	2021-2022, 1Years	8,000
Mechanical Engineering	SSP	KSCST	2021-2022, 1Years	8,000
Information Science Engineering	SSP	KSCST	2021-2022, 1Years	5,000
Information Science Engineering	ATAL FDP	AICTE	2021-2022, 1Years	93,000
Electrical & Electronics Engineering	SSP	KSCST	2021-2022, 1Years	7,000
Electrical & Electronics Engineering	SSP	KSCST	2021-2022, 1Years	8,000
Electronics & Communication Engineering	SSP	KSCST	2021-2022, 1Years	8,000
Electronics & Communication Engineering	SSP	KSCST	2021-2022, 1Years	7,000
Electronics & Communication Engineering	SSP	KSCST	2021-2022, 1Years	5,000
Electronics & Communication Engineering	SSP	KSCST	2021-2022, 1Years	7,000

Electronics & Communication Engineering	KFIST	VGST	2021-2022, 2Years	15,00,000
Computer Science & Engineering	SSP	KSCST	2021-2022, 1Years	6,000
Computer Science & Engineering	SSP	KSCST	2021-2022, 1Years	6,000
Computer Science & Engineering	SSP	KSCST	2021-2022, 1Years	6,000
Computer Science & Engineering	RGS	VGST	2021-2022, 1Years	3,00,000
Civil Engineering	SSP	KSCST	2021-2022, 1Years	7,000
Civil Engineering	SSP	KSCST	2021-2022, 1Years	7,000
Civil Engineering	SSP	KSCST	2021-2022, 1Years	6,500
Telecommunication Engineering	SSP	KSCST	2021-2022, 1Years	7,000
MBA	SSP	KSCST	2021-2022, 1Years	8,000
Chemistry	KFIST	VGST	2021-2022, 2Years	15,00,000
RESEARCH CENTER	MARGA DHARSHAK	AICTE	2021-2022 5Years	30,00,000
Innovative Project og UG Final year students	Dr. Hemadri Naidu T	EC,CS,IS,ME, EE,CV,TE	2021-22	70,000

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	04	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

AQAR for the academic year 2021-22 has been documented and submitted to NAAC through Portal.

IQAC has taken the initiative to collect feedback from students about the faculty members through online mode.

IQAC has taken initiatives for getting NBA, Re-Accreditation of CSE, ISE, ECE & EEE, and Fresh application for Civil Engineering, and submitted the e- SAR in the month of March & April 2022. the expert team will be visiting the campus in November 2022.

IQAC has taken the initiative to conduct Workshops/FDP/Seminars/Webinars/Conferences in emerging technologies for all the departments.

IQAC motivates the faculty to research publications in Scopus-indexed journals and encourages the department to publish the Newsletters

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
To conduct the Academic Audit.	**The Academic audit was conducted for the academic year 2021-22 after completion of ODD & Even Semesters of all the programmes by Academic Committee**
Excellence publications and patents.	**Papers are published in Scopus Indexed Journals and patents are filed and published.**
To promote Quality Education through OBE system by implementing NEP 2020.	**The Course outcomes, Program Outcomes, PSOs, PEOs has been attained and achieved the OBE system in our institution. The New Education policy is implemented as per the university guidelines for the academic Year 2021-2022**
To improve the placements, various initiatives are planned from training and placement office.	**Conducted technical training, aptitude training and soft skills by the external agencies and internal faculty members.**
More Number of Proposals are submitted through R&D center for External Funding	**21 Students Project proposals from various programs got sanctioned from KSCST.**
Initiatives taken for introduction of New courses in Current emerging courses.	**Artificial Intelligence and Data Science course got approved from the University with an intake of 60**

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

- Name of the statutory body

Name	Date of meeting(s)
33rd GOVERNING COUNCIL MEETING	**09/04/2022**

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022 (C-1258-2021)	03/03/2023

15.Multidisciplinary / interdisciplinary

15 . Multidisciplinary / interdisciplinary

The Vision and Mission of our institute underwent change during early 2021 in view of NEP 2020. The changed Vision and Mission, strongly, advocated the following:

1. Commitment to fulfil the need of skillset development as part of academics.
2. Inter disciplinary activities.
3. Multidisciplinary approaches to integrate human values with technical education.

Activities with respect to this requirement are described under the following heads:

Innovative and flexible curriculum: Visvesvaraya Technological University to which our institute is affiliated to, has introduced several modifications to the curriculum to implement NEP-2020. The curriculum changes brought about by the University have been analyzed to ascertain compliance with NEP 2020. Specifically, the following are the additional/refined courses that were formalized for the academic year 2021-22:

Semester Course Code Course title Remarks	Semester Course Code Course title Remarks	Semester Course Code Course title Remarks	InSemester Course Code title Remarks
First / Second	21ITD19	Innovative & Design Thinking	Provides knowledge of thinking for innovatio with the required tool technologies
First / Second	21ITD19	Scientific Foundations of Health	Provides knowledge of sciences, issues, and support
Third	21ITD19	Social Connect and Responsibility	Provides knowledge abo environmental issues, social responsibilitie technology solutions
Fourth	HSMC	Understanding Harmony And Ethical Human	Provides awareness of the following heads: H

		Conduct	Humans Harmony in fami Society Harmony in nature/existence Holis understanding & techno
Third / Fourth	HSMC 21CIP37/47	Constitution of India and Professional Ethics	Provides constitutiona awareness and human va
Third	AEC 21CV38X	Ability Enhancement Course – III: Problem-Solving using Python Microsoft Excel and VBA Personality Development and Soft Skills Infrastructure Finance Fire Safety in Buildings	Students study one of multidisciplinary cour
One of the three courses would be taken by students in any of the semesters from the third to the eighth semester	NCMC 21NS83 OR NCMC 21PE83 OR NCMC 21YO83	National Service Scheme (NSS) OR Physical Education (PE) (Sports and Athletics) OR Yoga	Practical exposure to concern and practicing responsibility

During the A.Y. 2021-22, these additional courses up to fourth semester have been taught as directed by the University. The detailed syllabus of the courses titled "Social Connect and Responsibility" and "Innovative Design Thinking" consists of practical activity and use cases which are deliberately left open ended in order to encourage affiliated institution like ours to be innovative while offering these courses. To this extent, the courses have been innovative and flexible. Faculty of all departments have delivered these courses by defining practical activity and use cases which encompasses environmental problems and holistic development of students.

Internships: In addition to the courses briefed in the previous paragraphs, the 2021 curriculum suggests the following internships:

Sl.No.	Internship title	Schedule	Duration
1.	Summer Internship (21INT36/ 21INT49)	Between 2nd and 3rd semester (vacation)	3 weeks
1.	Innovation/ Entrepreneurship/ Societal based Internship (21INT68)	Between 4th and 5th semester (Vacation)	4 weeks
1.	research internship/ industry internship (21INT82)	7th semester	24 weeks

Accordingly, during the academic year 2021-22, the internship of three weeks was conducted for the first-year students after their second semester. In this internship, students had a mix of three components:

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

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

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

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

Entrepreneurship internships offers a chance to gain hands on experience in the world of entrepreneurship and helps to learn what it takes to run a small entrepreneurial business by performing intern duties with an established company. This experience can then be applied to future business endeavours. Start-ups and small companies are a preferred place to learn the business tack ticks for future entrepreneurs as learning how a small business operates will serve the intern well when he/she manages his/her own company. Entrepreneurship acts as a catalyst to open the minds to creativity and innovation. Entrepreneurship internship can be from several sectors, including technology, small and medium-sized, and the service sector.

Societal or social internship: Urbanization is increasing on a global scale; and yet, half the world's population still resides in rural areas and is devoid of many things that urban population enjoy. Rural internship, is a work-based activity in which students

will have a chance to solve/reduce the problems of the rural place for better living.

Research internship/ industry/Rural internship

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

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

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

AICTE Activity points:

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

Sl.No.	Activity	Minimum Duration		
		Weeks	Hours	
1.	Helping local schools to achieve good result and enhance their enrolment in higher/technical/vocational education	2	80-90	
1.	Preparing an actionable business proposal for enhancing the village income	2	80-90	
1.	Developing sustainable water management system	2	80-90	
1.	Tourism promotion innovative approaches	2	80-90	
1.	Promotion of Appropriate technologies	2	80-90	
1.	Reduction in Energy Consumption	2	80-90	
1.	To skill rural population	2	80-90	
1.	Facilitating 100% digitized money transactions	2	80-90	
1.	Setting of the information imparting club for women leading to contribution in social and economic issues	2	80-90	
1.	Developing and managing efficient garbage disposable system	2	80-90	
1.	To assist the marketing of rural produce	2	80-90	
1.	Food preservation/packaging	2	80-90	
1.	Automation of local activities	2	80-90	
1.	Spreading public awareness under rural outreach programmes	2	80-90	
1.	Contribution to any national initiative of GoI	2	80-90	

16.Academic bank of credits (ABC):

The Academic Bank of Credits has been established on the lines of the National Academic Depository (NAD) by the Government of India, Ministry of education. Whereas ABC enables students to register and commence credit transfer, the final outcomes of credit redemption and issuance of certificates, as well as the compilation of award records, are administered by academic institutions via the NAD Platform. Our institute has been studying and analyzing the developments with respect to ABC which is the prime outcome of NAD (National Academic Depository) since its launch by the Government of India in the middle of 2017, its further steering through UGC and its realization through DIgiLocker owned by Ministry of Electronics and Information Technology (MeitY). It is understood that ABC realizes the flexibility provided to the students through NEP 2020 such as multiple-Entry-Multiple-Exit, Credit transfers, and Choice Based Credit System and our institute is in line with NEP 2020. However, Having been an affiliated institute our institute is

waiting for directions from our University (Visveswaraya Technological University) with respect to ABC since credits awarded to our students are authorized by our university. Also, as per section 22 of the UGC Act 1956, Higher Education Institute (HEIs) are those institutions that are empowered to award degrees by themselves, and hence there is a dependency for us to await directions from our university. There have been some communications from our University with respect to ABC which was also discussed as a part of workshops organized by institutions under the ambit of our University.

Also, the eligibility for registration on Digi locker is indicated as an 'A' Grade in NAAC or the accreditation by the National Board of Accreditation for at least three programs with a minimum score of 675 individually. Our institute has been looking forward to improving our NAAC grade and also improve on our NBA positioning to get the eligibility to register in the Digilocker. Presently, the institute has submitted the SAR and the inspection is scheduled in Nov.2022. Once the inspection gets over and after receiving the clear directions from the VTU, our institute would have all the students registered under ABC.

17.Skill development:

In view of NEP2020 our institute appreciates the need of skill development in forthcoming batches of our students. National bodies like National Skills Qualifications Framework (NSQF), their training facilitators, National Skill Development Council (NSDC) are the two institutions acting as a powerful vehicle for institutions to implement skill development. It has been noticed that the curriculum framed by the BoE of our University has matched the courses offered by skill-based institutions which have, inturn, mapped their courses against NSQF, as far as the academic component is concerned. However, even on a general note without any bearing on NEP 2020, skill development is grossly lacking and hence our institute is in discussion with specific facility partners in our geography. In this regard, our institute is in discussion with industry segments seeking their support in facilitating skill development. So far, the institute has spoken to M/S Samsung and also to M/s Capgemini to facilitate skill development on campus through co-funded laboratory. Alternatively, our institute is also planning to have the initiative to develop vocational courses on similar lines and become a facilitator themselves so that vocational courses are made available to our students on our campus.

Since the UG program is affiliated with VTU, the credit structure is

provided by the University. The VTU has noted the NEP2020 requirement, convincingly, and altered the credit structure for the 2021 curriculum. Significantly, in the 2021 curriculum, 40 credits out of 160 credits has been set aside for skill development oriented courses. As such for the A.Y. 2021-22 which started in Feb.22, an intra-institute internship is being planned and would be scheduled during Oct.-Nov. 22 during the vacation between the 2nd and the 3rd semester. Following external training agencies are being contacted for a detailed curriculum design: 1. M/s Primos 2. M/s Pentagan space and 3)M/s genesis (for soft skill development) and 4) M/s AANS technologies (for technical skill development).

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

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

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

All eligible programs of our institute are accredited by NBA which advocates Outcome Based Education. Our institute has undergone accreditation since 2008 and hence has strong roots with experience in running OBE programs. Curriculum framing sets the course outcomes for the constituent courses and evaluation techniques compute the attainment of course outcomes, through well-formed processes, procedures, and tools. The credit structure of our University for the 2021 curriculum has undergone changes to meet the needs of skill-based education which is also emphasized by NEP2020. Significantly,

in the 2021 curriculum, 40 credits out of 160 credits are mapped to courses that expose the students to skill development-related activities. Nearly 31 weeks of activities (approximately amounting to two semesters) carried out by the students expose them to relevant skills of their respective fields of study. It is pertinent to note this point because OBE advocates the measurement of the outcomes which can be carried out, extremely well when it comes to skill based training and skill oriented courses. Our institute thus expects to accrue more practical values for the Course Outcomes and hence the Program Outcomes for the 2021 scheme students. In a way, NEP 2020 is realizing OBE in its true sense primarily owing to the skill oriented courses.

To achieve a better sophistication for the year 2021-22 and also in view of the ensuing NBA inspection, a software based automation tool has been implemented which would, automatically, compute the Course Outcomes and the Program Outcomes (designed as per ABET criteria) considering both the marks secured by the students and also the score obtained through indirect assessment. This feature of the automation tool ensures its versatility when skill based courses get introduced as the outcome of NEP 2020 implementation.

20.Distance education/online education:

The term "Open and Distance Learning" (ODL) has two parts viz. a.Open learning and b.Distance learning. The term "Open learning" refers to a commitment that removes any unnecessary barriers to access, such as finances, prior learning, age, social, work or family commitments, disability and such others. Distance education refers to teaching and learning that separates teacher and learner in time and/or place. Distance learning employs multiple media for delivery of instruction and involves occasional face-to-face meeting for tutorials and learner-learner interaction. The term ODL refers to policies and practices which give the learner a degree of flexibility in the choice of topics, place, pace and/or method. The pandamics during 2019-21 led education to the ODL arena. Institutions develop expertise to deliver lectures using ICT. Contents developed during the Pandemics for the sake of online classes became accessible to students so that they can study them at their own pace thus leading to Open education. In our institute certain courses like "Constitution of India and Professional Ethics" is delivered as an open learning. It is planned to develop course content for such courses that do not involve laboratory sessions and leverage the content to students leading to open learning. Our institute is planning to motivate and instruct faculty to use open platforms like springboard, nptel, coursera and Swayam and take up

courses as open learning. In future such faculty is expected to advice students to learn on such open platforms and also support them by resolving their hiccups all along their journey in augmenting their knowledge. For the coming A.Y. our institute has planned to develop content for important topics (both curricular and co-curricular) and deploy it on a local cloud so that students can use the content and develop the knowledge through Open learning strategy. Depending on the difficulty levels, courses with higher order difficulties are planned for distance learning (teacher centric) rather than open learning (where there is zero interaction with the faculty).

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**653**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**2583**

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**510**

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**699**

File Description	Documents
Data Template	View File

3.Academic

3.1	**187**
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	**196**
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	**63**
Total number of Classrooms and Seminar halls	

4.2	**Rs 621.65229**
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	**1004**
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

Don Bosco Institute of Technology is affiliated with Visvesvaraya Technological University (VTU). The well-planned and documented process of ensuring the effective delivery of VTU

prescribed CBCS curriculum is as detailed below:

- Programme Educational Objectives, Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) are framed.
- Courses are allotted to faculty members in advance according to their area of specialization and skill matrix.
- Lesson plans, lecture notes, and laboratory manuals are prepared/updated by faculty members.
- During each semester three-class committee meetings, are conducted to monitor the progress of learning.
- Beyond the curriculum, teaching is ensured by supplementing classroom teaching with expert lectures, seminars, additional laboratory experiments, and mini-projects.
- The academic courses are supplemented by add-on courses, use of MOOC lectures, case studies, projects, quizzes, etc.
- For proper documentation, course files are maintained by the faculty members for the subjects handled with the following contents: VTU Syllabus, Time Table, Lesson Plan, Lecture Notes, Module wise Question Banks, Previous VTU Question Papers with solutions, Internal Assessment Test Question Papers with Answer Key, Scheme and Solutions for Valuation and Sample Answer Papers, Assignment Questions.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://dbit.co.in/assets/pdf/naac/2021-22/1.1.1.pdf

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

The institutional academic calendar is framed once the VTU calendar of events indicating the commencement of the semester, last working day, the commencement of examinations (Both theory and practical) is announced before the commencement of the academic year.

The schedule for conduction of Internal Assessment Tests, valuation, the announcement of results, and other academic events are indicated in the academic calendar.

Individual departments prepare their department academic schedule in line with the Institutional academic calendar incorporating the schedule for conduction of add-on courses, value-added courses, seminars/workshops/training, and various other co-curricular and

extra-curricular activities.

Three Internal Assessment Tests are conducted for theory courses and one laboratory test is conducted as per well documented Continuous Internal Evaluation policy.

During each semester three-class committee meetings, are conducted to monitor the progress of theory and laboratory courses.

The slow learners are identified based on their test performance and additional guidance and mentoring are provided to them.

Performances of the students are regularly communicated to their parents. The IQAC of our institution reviews the academic activities planning and implementation by academic audit, student performance and result analysis, and performance appraisal of faculty members. Suitable actions for continuous improvement are taken as per well-documented academic policy.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://dbit.co.in/assets/pdf/naac/2021-22/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

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

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

9

File Description	Documents
Any additional information	**No File Uploaded**
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)

26

File Description	Documents
Any additional information	**No File Uploaded**
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

3334

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

With a clear understanding of India's progressive education policy with regard to focus on gender, equal opportunity is provided for both boys and girls in the curricular, co-curricular, and extracurricular activities in the institution.

Gender sensitization and awareness building activities are earnestly taken up. Students of both genders are accommodated in all the committees of the institution.

The committee plays roles in preventive and remedial ways. It creates an atmosphere promoting equality and gender justice. Various NSS activities such as International Women's day celebrations, Guest lectures on women's health, etc., sensitize the issue among students and faculty.

The mandatory non-credit induction program is conducted for all the UG students entering the institution right at the start. The induction program includes universal human values with lectures by eminent personalities.

A course on the Constitution of India, Professional Ethics, and Human Rights is taught to all students in the institution. It is offered as a credit course with contact hours of one-hour theory/week.

Due importance is given to the environment and sustainability with regular Swachh Bharat Mission activities, tree plantation programmes. A course on Environmental Studies with contact hours of two hours theory/week is offered.

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

1.3.2 - Number of courses that include experiential learning through project work/field

work/internship during the year

37

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

1494

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

1.4 - Feedback System

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

File Description	Documents
URL for stakeholder feedback report	https://dbit.co.in/assets/pdf/naac/2021-22/1.4.1.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	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	Nil

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

817

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

358

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

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

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

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

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

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/2.2.1%20(A).pdf https://dbit.co.in/assets/pdf/naac/2021-22/2.2.1%20(B).pdf https://dbit.co.in/assets/pdf/naac/2021-22/2.2.1%20(C).pdf
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
2583	**187**

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

DBIT always supports collaborative and independent learning among students. In participative learning, students are trained and encouraged to learn modern technology and tools. Industry visits and guest lectures are conducted. The project allocation, monitoring, and evaluation system are in place with rubrics for evaluation. The students are trained for abstract writing, technical paper writing, and literature survey. The best practices are framed with student-centric methods. MBA students are given a business case reflecting the reality of managerial decision-making in the real world. Students undertake internships at various organizations wherein they are exposed to the real world. Students interested in Research and Development work are encouraged to publish their Project/Research work in National/International seminars/conferences/workshops. The institution deploys and employs ICTs for a range of activities. The Cloud-based solution mobile e-Library App offers eBook collections, e-Course materials, the latest journal issues, and multimedia learning content (https://mapmyaccess.com/. The Institute subscribes to various online resources like IEEE, Digital Library, and DELNET. Students are encouraged to use resources along with NPTEL videos for a better learning environment. Students with above 8.5 CGPA are supported to take NPTEL courses for 18 credits and obtain a BE Honours degree certificate from VTU.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/2.3.1%20(A).pdf https://dbit.co.in/assets/pdf/naac/2021-22/2.3.1%20(C).pdf

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

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

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

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

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

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

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

187

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

2.4 - Teacher Profile and Quality

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

187

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	View File

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

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

52

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

1141

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

DBIT adheres to the guidelines and rules of affiliating VTU for Continuous Internal Evaluation (CIE) and Semester End Examination (SEE).

Scheme 2021: Courses are classified into Basic Science, Engineering Science, Professional Core, Integrated Professional Core, Ability Enhancement, Humanity, and Social Science, and Management and Universal Human Value in the ratio of 17:17:26:13:10:13:4. The CIE is for 50 marks. The test, assignment, and Quiz/Seminar/Lab components are 20, 10, and 20 depending on the course. Two lab internals are conducted for 100 marks scaled down to 20 and 30 allocated for records/journals.

Scheme 2018: The CIE is for 40 marks. Three tests are conducted for 30 each semester and the average is considered the final mark. Three assignments in batches with revised Bloom's taxonomy are given before each test with Surprise tests and quizzes conducted for 10 marks. Laboratory journals/records are evaluated for 24 and one test

of 16 is conducted at the end of the semester.

Final year B. E. /MBA project work and technical seminar internal evaluation is done based on well-defined rubrics.

File Description	Documents
Any additional information	[View File]()
Link for additional information	[https://dbit.co.in/assets/pdf/naac/2021-22/2.5.1.pdf]()

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

The institution strictly adheres to the guidelines and rules defined by the affiliating Visvesvaraya Technological University for the conduction of Continuous Internal Evaluation.

The CIE marks for the test in a theory course shall be based on three tests generally conducted at the end of a fifth, tenth, and fourteenth week of each semester.

As per the mandate of the All-India Council for Technical Education (AICTE), an online Grievance Redressal system, Edu Grievance is established in the institution which functions to the satisfaction of students, parents and other stakeholders ensuring greater confidentiality and transparency in dealing procedure. The system ensures prompt redressal of grievances pertaining to the examination that are reported by students or staff and provides timely succour to aggrieved students/Professors/Parents or other staff.

File Description	Documents
Any additional information	[View File]()
Link for additional information	**Nil**

2.6 - Student Performance and Learning Outcomes

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

Programme and Course Outcomes are integrated into the assessment process and clearly publicised through its website and other documents. All stake holders are made aware of PO, PSO & CO to enable an assessment of the standards for transfer of knowledge,

skills & abilities specified under the program. It ensures transparency & credibility in terms of quality assurance through IQAC. Creating awareness of PO & CO offered by the program, leads to constructive co-operation of students & instructors to achieve the required skill sets. The PO and PSO are communicated through -http://www.dbit.co.in, Class Rooms and Department Laboratories, Display boards and Laboratory Manuals. The Course Outcomes of courses are communicated through respective course documents -Academic file, attendance register, IA question papers, Assignments and Question bank. Syllabus orientation is taken by each course instructor and curriculum delivery methods are mapped to attain CO & PO. Planning of instructional methods and assessment tools ensures the outcomes of the course are attained. Attainment of course outcomes instigate higher order thinking and helps students acquire the required skills related to the course.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://dbit.co.in/assets/pdf/naac/2021-22/2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

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

DBIT consistently strives to achieve excellence in education on Principles of Outcome Based Education with its learner-centric approach. The affiliating VTU designs curriculum based on the expected Course and Program outcomes.

Students are well informed by the course instructors about the COs and POs leading to constructive co-operation of students & instructors to achieve the required skill sets of the programme / course.

A standard excel template framed assesses the attainment of COs with respect to Continuous Internal Evaluation (CIE) & Semester End Examination (SEE).

Two ways of attainments are adopted:

1. Direct attainment: Considered from CIE comprising of Internal assessment, Quiz, Assignments, Surprise Test. Question Paper for the

Internal assessments are mapped to COs in line with the Blooms Taxonomy.

2. Indirect attainment: Attained from the Course Exit survey taken at the end of every semester and Program Exit Survey after the completion of the program.

Calculations are as follows:

• For CIE: >=70->3,>=60=2,>=40=1

SEE: >=60=3, >=50=2, >=35=1

• Course Outcome Statements designated with Bloom's Level identification and target setting for each CO is done.

• Total Attainment calculated with weightage from CIE, SEE and CES as 50:40:10.

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

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://dbit.co.in/assets/pdf/naac/2021-22/2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

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

677

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://dbit.co.in/assets/pdf/naac/2021-22/2.6.3.2.pdf

2.7 - Student Satisfaction Survey

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

https://dbit.co.in/assets/pdf/naac/2021-22/2.7.1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

72.32500

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

02

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

8

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.kscst.org.in/english/index.html https://ksteps.karnataka.gov.in/info-2/Vision+Group+on+Science+and+Technology+(VGST)/en

3.2 - Innovation Ecosystem

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

The institution has established the Institute-Innovation Council (IIC) based on the ideologies of IIC established by the Ministry of Education to enable students to develop a creative and innovative outlook. Guest lectures are organized for students to invoke their intrinsic abilities to innovate and nurture them. Students' competitions are conducted by the departments under the ambit of IIC with a focus on ideation and hackathons which, significantly, influence the innovative ability of the students. Identifying innovations in students' projects and filing patents is being practiced.

The institution has established Entrepreneurship Development Cell through which start-up corporates are encouraged by providing them with the necessary support enabling them to evolve into successful ventures. In the process, the students are also benefitted by

working in such start-ups, on campus, gaining knowledge in specific domains. The institute believes, strongly, that such incubation centers are the potential places where innovations take birth.

The institution has established Entrepreneurship Development Cell through which start-up corporates are encouraged by providing them with the necessary support enabling them to evolve into successful ventures. In the process, the students are also benefitted by working in such start-ups, on campus, gaining knowledge in specific domains. The institute believes, strongly, that such incubation centers are the potential places where innovations take birth.

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

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[https://iic.mic.gov.in/]()

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

57

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

02

File Description	Documents
URL to the research page on HEI website	https://dbit.co.in/research/RnD-Centres
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

87

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

51

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 college organizes a number of extension activities to promote the institute-neighborhood community to sensitize the students towards community needs. The students of our college actively

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

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/3.4.1.pdf
Upload any additional information	View File

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

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

52

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

16

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

882

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

404

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

46

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Don Bosco Institute of Technology flourishes with prominent infrastructures for the learning aspirants. Facilities provided in classrooms, labs, and seminar halls are designed with state of art technologies for the stakeholders to provide the best learning experience. Well-ventilated and spacious classrooms used by our fascinated faculties are equipped with LCD projectors.

DBIT has all the state-of-the-art infrastructure such as Spacious and Smart Classrooms, Well-equipped Laboratories, a Skill Development Centre, PLM Training Centre, Kuka Robotics, and Data Center to provide a superior learning experience to the students.

The facilities in our laboratories are well fortified with excellent utensils to provide hands-on experience. Seminar halls at our college campus are good to conduct a number of seminars, workshops, and guest lectures from industry and academic experts. Research centers in our institution are contributing talented research scholars to build an innovative nation. A total of 1022 recently configured computers with 10 scalable servers and 100+6 Mbps internet bandwidth across the campus to satisfy a 1:3 computer-student ratio.

Impartus is a comprehensive, video-learning platform that brings about a paradigm shift in the teaching-learning experience.

The central library has all study materials, books, e-Journals/e-Books, and digital content. A significant amount of the annual budget is utilized for the procurement of books, e-Journals, print-Journals, and periodicals.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/4.1.1.pdf

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

The Department of Physical Education & Sports of the Institute provides opportunities for students to participate in the national/ state/ district/ zonal/ inter -zonal/ selection trials/ inter-university/South zone inter-university/ university tournaments as extramural competitions. It has organized Mountain Bike cycling championship, National Youth Day and Yoga Day.

It is well equipped with modern infrastructure and conducts sports for Basketball (608 sq.m), Volley ball(162sq.m), Throw ball (224sq.m), Badminton, Table Tennis(288Sq.m), Cricket(12,400 Sq m), Handball, Softball, Judo, Football(7,700 sq m), Netball, Chess, Carom, Athletics, Archery, Wrestling and Martial Arts under modern

games and yoga, kho-kho & kabaddi(516 Sq m) under traditional sports category. The campus also has a multi gym of 12 workstations and yoga Centre.

The institute has a committee called Kala Mandir for all the cultural activities. It organizes an annual cultural fest named VISMAY, which provides a platform for students to showcase their talents and have inter-collegiate events like Fashion Shows and inter-department events in the form of competitions, workshops, and stage performances such as Lead the Youth, Treasure Hunt, Art Gallery. It also celebrated "Kannadotasava" on the eve of Karnataka Rajyotasava.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/4.1.2.pdf

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

63

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

Rs117.81960

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

4.2 - Library as a Learning Resource

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

The DBIT library has the most advanced automated integrated library management system with KOHA (19.11.09.000), It is a true enterprise-class ILMS with comprehensive functionality including basic and advanced options,It is the most advanced Cloud-based ILMS in use and is a very useful library management system in providing various library services. KOHA includes modules for acquisitions, circulation, cataloguing, serials management, authorities, flexible reporting, label printing, multi-format notices, and offline circulation when internet access is not available,It has powerful searching and an enhanced catalogue display that can use content from Amazon, google, library thing, open library, and Syndetics, among others.

The OPAC (http://61.12.77.19/) software is a web-based circulation interface that can handle issues of books, returns, transfers, etc. The software is also capable of logging and presenting borrower history, readers' comments, reviews, and tags. Users can comment and review books, tag them and view their reading history. Users can also view their records and make purchase suggestions. KOHA has a Customizable search and Separate Acquisitions module that includes orders from vendors, budgets, and pricing information. Users can view holdings and Overdue fines and notices can be sent to users by email. KOHA supports Barcode printing and reading and generates management reports and statistics in cataloguing, acquisitions, serials, and circulation.

Koha's OPAC goes beyond merely being a search tool and enables patrons to reserve books, manage their accounts, pay library fees online, track their circulation history, and even make reviews and suggestions for new books.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://dbit.co.in/assets/pdf/naac/2021-22/4.2.1.pdf

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

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

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

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

Rs2.71520

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

250

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

4.3 - IT Infrastructure

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

Response: Don Bosco Institute of Technology has always placed IT infrastructure development and its comprehensive maintenance as a top priority, as the institution envisions that adequate IT infrastructure & its best maintenance is a must to offer eminence management education. The Institution invests huge amounts in updating its IT facilities on a continuous basis and making it available to all the staff and students seamlessly.

IT facilities:· Upgradation of the computer systems/network/CCTV/Wi-Fi access points within the institutions, the suggestions are received from Department HOD's, faculty. System Administrator, Lab technicians will be assessed in every academic year for smooth maintenance of the same.Facilities are upgraded for the smooth conduction of various laboratories, FDPs, Workshops, awareness programs, and training programs for students and faculty to update their knowledge and skill sets in new technologies.· Laboratories, staff rooms, and Offices are provided with Multifunctional devices and Printers

· Software's are procured from open source and others are purchased. Operating System (OS) is also upgraded frequently.· Uninterrupted power supply (UPS) is available & upgraded. There is a generator for power backup.· The organization deployed CCTV cameras. Institutes make use of leading-edge technologies to facilitate IT-related classrooms and laboratories.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/4.3.1.pdf

4.3.2 - Number of Computers

1004

File Description	Documents
Upload any additional information	**No File Uploaded**
List of Computers	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 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)

Rs119.05969

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.

Don Bosco Institute of Technology (DBIT) has a policy for infrastructure maintenance as specified by the statutory bodies both in terms of quantity and quality. DBIT provides the best infrastructure to all its departments and other functional areas to ensure the infrastructure needs and the requirement of the Teaching-Learning Process.

The institute has a centralized Department of Maintenance that supervises the maintenance of buildings, classrooms, and other infrastructure facilities. The entire task related to the maintenance of infrastructure like civil, electrical, water supply, gardening, Fire extinguishers & Air Conditioning AC maintenance, security, and housekeeping is done by committed groups.

There are established systems and procedures for maintaining and utilizing physical, academic, and support facilities such as laboratories, sports complexes, computers, classrooms, etc. The maintenance of physical, academic, and support facilities is carried out by the respective departments with the help of in-house staff on a daily basis and periodically. Care has been taken to keep the equipment, machines etc. in working condition. In case of breakdowns standard procedure is followed to bring the equipment/machine into working condition. A supervisor is appointed to monitor and maintain the physical facilities and Housekeeping. A brief description is presented below on the maintenance and utilization of some facilities.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/4.4.2.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

1689

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

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

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

183

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://dbit.co.in/assets/pdf/naac/2021-22/5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

`407`

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

`407`

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	`A. All of the above`

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

414

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

25

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

18

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
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.

06

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at univer sity/state/national/international level (During the year) (Data Template)	View File

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

Institute is having a practice of identifying student representatives from each class who take part in planning and carrying out various activities of the College. Every Department advisory Committee have student representatives and their views are considered. The student representatives are regularly invited to the DAC Meetings. Inputs from them towards the betterment of the department and institution are valued. Every class has a Class Committee with student representatives have to signify their views in subjects, syllabus ,other related issues and problems. The College offers numerous Student Forums/Clubs to provide opportunity to students to participate in wide range of Co-Curricular, Extra-Curricular, Social and Community Development Activities. Throughout the year numerous events are organized for the students to pursue their hobbies. Students are coordinating and organizing various activities related to academics, co-curricular and extracurricular activities to enhance communication skills, leadership skills, knowledge, team work and abilities towards selected streams with the guidance of faculty members. Cultural committee conducts annual cultural fest VISMAYA and Kannada Rajyastova through Cultural committee. From all departments, student's representatives will be the members of Core committee. They will help the faculty in

organizing these events. The college have been conducting Annual sports day and university level games with the support of student representatives. The students take initiation to involve games, sports to utilize facility for the development of physical fitness. The students are part of service and extension activities through NSS, NCC, Women empowerment Cell ,Anti ragging committee, Grievance Redressal Cell and other committees

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/5.3.2.pdf
Upload any additional information	View File

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

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

32

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

5.4 - Alumni Engagement

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

The Institution has a vibrant Alumni Association. It arranges activities and major contributions for institutional, academic and infrastructure development. The alumni work in different areas like engineering, business and government organizations. They are entrepreneurs and are pursuing higher studies in reputed Universities in India or from foreign. The alumni association

bearing RegNo: DRB – N /SOR/159/2012-13 was established in the year 2012 with the mission of "DBIT Alumni Association" to create and maintain a lifelong connection between the institute and its alumni. The DBIT Alumni Association is a hub of activities for the positive outcome of all stakeholders. It is a front-runner to ensure the comprehensive growth.

List of Activities arranged regularly

- Annual Alumni Meet called MILAN once in a year to draw all Alumni across all batches. This Year MILAN-2022 was held for the Alumni Batches of 2019, 2020 & 2021
- Each Department also arranges In-house Events such as Panel Discussion / Expert Talk by Alumni to boost Alma mater - Alumni relations under the banner of their Chapters.
- To achieve self-sufficiency in each Department in terms of providing Internships, Seminars & Training sessions and Placements to the Students.
- The signing of MOUs with Corporate to enhance Industry-Institute interactions.

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

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

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

Mission:

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

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

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

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

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

The council of HODs meets once a week to discuss issues related to academics, and appropriate decisions are made and circulated to all concerned. Also, department-level meetings are held once a week to discuss progress made, set targets, and lay out a plan of action.

For a smooth, transparent, and effective functioning of the institute, the IQAC constitutes committees like the Anti-ragging Committee, NBA, NAAC, R&D, Women Safety, Anti-Sexual Harassment and Grievance Redressal /College Internal Complaint Committees, and others.

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.1.1.pdf
Upload any additional information	View File

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

Senior management believes with conviction in decentralized and participative management. The overall running of the Institution is divided as follows. 1) Administration2) Academics 3)Quality Standardization 4) Logistics and 5) Finance. While the academics are

coordinated by the principal but predominantly driven by the council of HoD's. The HoD'smeet once in a week with the Principal and discuss the academics that influence the working of all departments. Good practices are also, gracefully, shared so that such practices might suitably get institutionalized. The second level of decentralization participative management is observed at the departmental level. Whereas the HoDs coordinate all activities of the department, in all the departments there are class teachers for every section. Class teachers significantly influence the working of their respective sections. Each section is divided into mentee groups where in each group would have 20 students. Who would be taken care of by a mentor. In this manner, predominantly, the academic activities work in a participative manner. Additionally, a network of committees workingtowards the accomplishment of specific functionality. This includes campus-wide discipline, grievance, redressal and others. Beyond academics, there exist admin and facilities that operate independently as support organizations. As a major activity, IQAC independently working towards the quality aspects of academics in an unbiased manner and shoulders the responsibility pertaining to quality frameworks like NBA, NAAC, NIRF, ARIIA, AISHE etc.,

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

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

The management of the Institution always aspires for all-around quality education for its stakeholders.

The Long-Term Goals:

- To strengthen Industry Academic Relations by having MOUs

- Increase the number of Centres of Excellence on the campus.
- Set up Incubation Centres for all departments
- To achieve100% Placements,more university ranks and patents.
- To attain NAAC with A++ status
- To attain NBA for all departments
- To achieve more university ranks and patents
    1. Case Study

The Dean and Director R & D, Dr. Nataraj K. R submitted a proposal for Mentor Institute (MI) to AICTE.DBIT is nominated as MI under the Margdarshan Scheme of AICTE. MI can mentor up to 10(MBI) by conducting programs related to NBA, promoting research, consultancy, andlectures on Innovation and Entrepreneurship development for faculty and students. MOUS was signed with the MBIs. An initial grant of 30 Lakh has been sanctioned by the AICTE.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.2.1.pdf
Upload any additional information	[View File](#)

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

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

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

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

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

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

(Recruitment Process Documents requried)

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.2.2.pdf
Link to Organogram of the institution webpage	https://dbit.co.in/administration/organization-structure
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination | B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The Institution has effective welfare measures for teaching and non-teaching staff.

List of Welfare Measures provided by the Institute for Teaching and non-teaching Staff.

1. Various leaves available to teaching and non-teaching staff are vacation leave, casual leave, and maternity leave.

2. Employee Provident Fund for teaching and non-teaching Staff.

3. Loan facility is available for institute staff through ICICI bank.

4. Transportation facility is provided for teaching and non-Teaching Staff.

5. Accident benefit Insurance is provided for staff and students

6. Gratuity benefit is provided for teaching and non-teaching Staff.

7. Employment State Insurance facility for non-teaching Staff.

8. Free vaccination camp was conducted for teaching, non-teaching staff, and students during the year 2021-2022.

9. Health Talks and Free health check-up camp was conducted for both staff and students.

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.3.1.pdf
Upload any additional information	View File

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

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

51

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

25

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

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

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

350

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

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

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

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

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

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various

internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

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

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

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.4.1.pdf
Upload any additional information	View File

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

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

Rs3.72880

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
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

Mobilization:

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

During the academic year 2021-2022, the institution received a fund for K-Fist level 2 from VGST of Rs 60 Lakh. DBIT was nominated as a Mentor Institute under the Margdarshan Scheme of AICTE. An initial grant aid of Rs. 30,00,000/- has been sanctioned. A fund of Rs. 1,23,610- from KMF for conducting Exams, Rs.70,200/- from Vision Tech Park for conducting CFA Exams, and Rs. 63,000/- from the Institute of Engineers for conducting online AMIE Exams. Also received funding from TCS, JEE, COMED K, and others.

Utilization:

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

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.4.3.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

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

• The IQAC forms different committees, that comprise members drawn from all departments. Based on the recommendations of the IQAC, an

organized methodology of documentation, and internal communication, the merits and areas of improvement for each program are highlighted. It considers the following three different reports to evaluate academic quality

1. Quality Assurance Report I: Theory course file

2. Quality Assurance Report II: Personal File

3. Quality Assurance Report III: Department Academic Files

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

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.5.1.pdf
Upload any additional information	View File

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

The structure and methodologies of operation that implement the TLP consist of formulation of the academic calendar, course allocation, lesson plan, course delivery, CIE (Continuous Internal Evaluation, Identification and support for slow learners, conduction of SEE (Semester End Examination), and finally the SEE result analysis. SEE result analysis is one significant milestone at which the IQAC reviews the TLP process and suggests improvements to the departments. As required, specific forms and templates would undergo change to improve the TLP process. Under exceptional conditions, the IQAC also discuss the outcome of the result analysis with the senior management and takes their input for process improvements. Additionally, each HOD's meeting would have an IQAC perspective by IQAC representatives who pitch in as might deem fit to address quality-related issues and wherever possible bring in process improvements as an interim measure that gets institutionalized

through IQAC from the following semester.

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

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

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2021-22/6.5.2.pdf
Upload any additional information	View File

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

File Description	Documents
Paste web link of Annual reports of Institution	https://dbit.co.in/assets/pdf/naac/2021-22/2.6.3.2.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute supports gender sensitivity through a variety of activities and actions aimed at creating a safe, secure, and healthy environment on campus.

Safety & Security:

1. A resident woman warden along with a lady security at the ladies' hostel and a separate resident warden in the boys' hostel.

2. CCTV cameras have been installed at conspicuous locations such as the hostel, campus walkways, Corridors, and common areas.

3. 24 x 7 securities at the entrance to the college and hostels and at strategic points.

4. Statutory committees such as the Anti-Sexual Harassment Committee, and the Women Empowerment Committee, consisting of female faculty members, have been formed in accordance with AICTE/University regulations and functioning efficiently.

5. Suggestion/complaint boxes are placed in strategic areas.

Counseling:

1. There is a well-defined student counseling structure at the college. Each student is assigned a faculty member who will serve as his or her Proctor until the completion of the course.

2. Each faculty member is responsible for mentoring 20 to 25 students. This strengthens the student-mentor connection and allows the mentor to better understand each student's entire personality.

3. Counseling of girl, as well as boy students, is conducted in a regular manner by the Professional Counselor.

Common Rooms:

1. In the institution common rooms have been allocated for men and women.

2. Girls' restrooms are provided in each block of the campus with the required facilities. ICC monitors the facilities in waiting

halls.

3. Health Centre is available on campus

File Description	Documents
Annual gender sensitization action plan	https://dbit.co.in/assets/pdf/naac/2021-22/7.1.1%20(A).pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://dbit.co.in/assets/pdf/naac/2021-22/7.1.1%20(B).pdf

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

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The institute has an effective mechanism for waste management.

Solid Waste Management:Food waste generated from the canteen will be collected and composted on the campus. Other types of waste such as paper, plastic, etc are collected from all parts of the campus and disposed of through municipality waste management for safe disposal of solid waste. For the sanitary waste which is coming throughout the campus collected and all necessary precaution is taken. Then the waste is sent to the Septic to decompose solid waste in a scientific manner and for safe disposal.

LIQUID WASTE MANAGEMENT: We have had a sewage treatment plant since 2015 with a capacity of 120 KLD on our campus. The wastewater which

is generated from Laundry, kitchen, canteen, Toilets, etc. throughout the campus is been collected at the centralized system of the sewage treatment plant. The collected liquid wastewater has been treated by means of various steps to make potable water. After the treated water has been recycled for the cultivation of plants and to maintain greenery on the campus. The sludge which is left after the treatment is used for the fertilization of plants.

E-Waste Management:The College ensures that e-wastes are stored in properly labeled containers earmarked for this purpose; the wastes are segregated and sorted; waste that cannot be recycled or refurbished is sold to certified agents. The institution is not involved in any activity that produces hazardous chemicals and radioactive waste

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

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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	[View File](#)

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**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	[View File](#)
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	**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The institution has always made a focused effort to maintain an inclusiveatmosphere that exhibits tolerance and harmony toward cultural, regional, linguistic, communal, socioeconomic, and other diversity. The institution has good practices which, unitedly, address most of these diversities as listed below:

1. Celebration of several national festivals such as Kannada Rajyotsava, Independence Day, Republic day, Engineers day, Teachers day, and others which aims at regional unity and national integrity, on the whole.

2. Celebration of days of remembrance like Earth Day, World Environment Day, International Yoga day, International Millet day, and other events not only ensure national harmony but also extend it to global unity

3. The institution also houses an NSS unit that undertakes several activities that specially address cultural, regional, and socioeconomic diversities. The activities include events such as planting tree saplings to enhance the green cover and specifically conducting health awareness programs.

4. The College organizes Annual Cultural Fest, Annual sports Day, and cultural programs as part of other events on campus to sensitize the students on values of togetherness that roots out diversities of all kinds

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

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

The college undertakes various activities to sensitize students and employees to their constitutional obligations: values, rights, duties, and responsibilities of citizens. During the Induction Program, the Principal delivers an Orientation Lecture to the new batch of students to make them aware of the core values and ethos of the Institution. The address highlights the need of maintaining harmony amongst all diversities, in developing scientific temper, humanism, and spirit of inquiry. The young minds who are going to be the responsible citizens of tomorrow learn the lesson of exercising their rights and performing their duties. The coursesConstitution of India, Professional Ethics and Cyber Law (18CPC39/49), and Environmental Studies (18CIV59)is been studied by all the UG programmers in the 2nd & 3rd Year students to create awareness and sensitize the students to constitution obligations and to strengthen democratic values. The course provides insight into valuing human dignity and saving the liberties of the people against discrimination. The course also gives insights into Internet Laws Cyber Crimes and Cyber Laws.

Every year Independence Day is celebrated every year to highlight the struggle for freedom and the importance of the Indian constitution. Republic day is also Celebrated on 26th Jan by organizing activities highlighting the importance of the Indian Constitution. The College encourages the students as these kinds of participation help in instilling positive qualities among the students like leadership, tolerance, and problem-solving, and helps in developing innovative thoughts on contemporary issues.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://dbit.co.in/assets/pdf/naac/2021-22/7.1.9%20(A).pdf
Any other relevant information	https://dbit.co.in/assets/pdf/naac/2021-22/7.1.9%20(B).pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	**B. Any 3 of the above**

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

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

There is a great heritage of the Institute regarding the celebration of national/international commemorative days, events, and festivals. National festivals like Independence Day on 15th August and RepublicDay on 26th January are celebrated every year with pride. Teachers' Day The teachers' day is celebrated to mark the birth anniversary of its second President Dr. Sarvepalli Radhakrishnan. In commemoration of the contribution of Bharat Ratna Sir.M V Visveswaraya Engineers Day is Celebrated on September 15 by at the institute. The National Sports Day is celebrated on Dhyan Chand's birthday on August 29 to honor the hockey legend National

Librarians' Day is observed on 12th August every year to commemorate the birth anniversary of Padmashri Dr. S. R. Ranganathan, who is considered the father of library science in India. The institute takes all efforts to commemorate the Birth Anniversary of Swami Vivekananda on the the12th of January, National Youth Day is celebrated. the Institutes initiated to Celebrate World Water Day on March 22nd of every year. Every year on June 5, the institute celebrates World Environment Day. The goal of World Environment Day is to raise awareness about the environmental threats posed by growing pollution levels and climate change. National Science Day (NSD) is celebrated every year on 28 February to commemorate the discovery of the 'Raman Effect Women's Day Celebration - 8th March each year is celebrated by various programs on women empowerment by the Women Empowerment Committee.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

1. Title of the Practice: DBIT-Bangalore Alumni Portal & DBITAA-Bangalore Telegram Group

2. Objectives of the Practice

   1. To Bring all alumni on a common platform and synergize resourcefulness.
   2. To Strengthen the connect between Alumni and Alma mater.
   3. To Manage a Centralized Alumni Database.
   4. To Facilitate One-on-One & Group Chat/Discussions among Alumni.

3. The Context: Updating this data in the manual system from time to time is tedious.Overall collecting and maintaining the information is a cumbersome task in this system.The Alumni Portal allows students / alumni to register through online.

4. The Practice:

1. Loading the alumni data from the Excel sheets into the portal database.
2. Sending the Invitation emails to such alumni to get registered on the portal and update their profiles
3. Sharing the latest updates or news from the institute with all the alumni members..

5. Evidence of Success: DBIT alumni database on portal consists of 8750 members and there are 2300 registered members on the portal. Around 43 candidates are placed through the referrals from senior alumni to their juniors through the job portal during 2021-22. The Photo Albums for each of the Events were created and uploaded into the portal for easy access to all the alumni.

6. Problems Encountered and Resources Required

The Registrations of alumni from senior batches may not be appreciable even after sending the Invitation emails to all the alumni through portal. So follow-up emails and WhatsApp messages are to be sent to all the alumni to increase the number of registrations on the portal.

File Description	Documents
Best practices in the Institutional website	https://dbit.co.in/assets/pdf/naac/2021-22/7.2.1.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

The year 2019-20 witnessed the global pandemic. Resorting to online education became the highest priority for our instotution and also other educational sector.Educational sectorsresorted to online education using tools like Microsoft Teams, google classroom, and others and DBIT is no exception. In the process, as a by-product, we realized the effectiveness of online education in terms of learning pedagogy through multimedia content. As such, DBIT resorted to

online education even subsequent to the pandemic only to encash effectiveness. As a second step, even many workshops, FDPs, and value-added courses were conducted with paradigms of online education. This practice of online education is still being followed campus-wide at DBIT. The Institution is to initiate the research work which promotes the students in their research areas. The institution also provides financial support formajor and minor projects for students through the research center. The institution also collaborates with other institutions through a scheme of Margdarshak supported by AICTE. The institution also provides funds to publish the articles considering the outcome of the projects.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

Action plan for next academic year 2022-23 will focus on continuous improvement of the quality of education and services provided by the Institute. These plans include:

1.Ensuring Accrediataion & Quality Assurance: To get into NIRFranking.To get NAAC Accreditation with A+ Grade.To get NBA accreditation for all the eligible programs for a period of 6 years.

2.Curricular aspects:Addition of new programmes and strengthening of existing programs

.3.To encourage faculty to complete their PhD at the earliest so that 50% of faculty are with PhD qualification.

4.To attract highly qualified and experienced personnel for faculty positions for imparting quality education and skills.

5.To inculcate research culture at UG level.

6.To obtain funds from various funding agencies and publish more number of Publications and patents.