YEARLY STATUS REPORT - 2020-2021

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	MYSORE 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**
• 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/DBIT_AQAR_2019-2020.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/1.1.1.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	FDP	AICTE,New Delhi	2020-2021	Rs 93,000
Mechanical Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 6,000
Mechanical Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 7,000
Mechanical Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 8,000
Mechanical Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 7,000
Mechanical Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 7,000
Information Science & Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 3,000
Computer Science & Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 6,000

Computer Science & Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 5,000
Computer Science & Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 2,500
Computer Science & Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 5,000
Electronics and Communication Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 6,000
Electronics and Communication Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 5,500
Electronics and Communication Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 6,000
Electronics and Communication Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 4,500
Telecommunication Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 6,000

Civil Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 6,000
Civil Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 6,000
Civil Engineering	SPP 44th Series	Karnataka State Council for Science and Technology	2020-2021 1 year	Rs. 6,000
Electronics and Communication Engineering	KFIST	VGST	2020-2021 2 Year	Rs. 3,000,000
Science & Humanities	KFIST	VGST	2020-2021 2 Year	Rs. 3,000,000
R&D	MSME	TECSOK	2020-2021 10 Days	Rs. 175,000
R&D	IEI	IEI	2020-2021 14 Days	Rs. 66,000
Computer Science & Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Computer Science & Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Civil Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Civil Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Information Science &	STP	VTU	2020-2021 1 year	Rs. 5000.00

Engineering				
Information Science & Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Electrical & Electronics Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Electrical & Electronics Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Electronics and Communicatio n Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Mechanical Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Mechanical Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Telecommunic ation Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Telecommunic ation Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00
Electronics and Communicatio n Engineering	STP	VTU	2020-2021 1 year	Rs. 5000.00

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	View File	
9.No. of IQAC meetings held during the year	4	

• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	`Yes`
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	`No`
• If yes, mention the amount	

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

`AQAR for the year 2019-20 and 2020-21 has been documented and submitted to NAAC`

`Enhancements to process for Internal & External Academic Audit and Faculty Appraisal under the supervision of IQAC.`

`Development of quantitative rubrics for skill-oriented courses of the UG Programmes(Project/Seminar /Internship)`

`IQAC has initiated improvements in the teaching-learning process to achieve Outcome Based Education. Workshops are organized to train the faculty to frame Course Outcomes (COs)`

`Participation in ARIIA, NIRF, and NEP 2020 implementation and its activities as per the University guidelines.`

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

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Plan of Action	Achievements/Outcomes
Initiatives taken for opening of New emerging Courses	University Approval for Emerging Course in Computer Science and Engineering (Artificial Intelligence and Machine Learning.
To enhance research activities by publishing the high-quality papers, obtaining patents, and providing consulting services	Papers are published in Scopus indexed journals (Q1, Q2, Q3 & Q4)
Office automation to ensure an updated data management system in the college.	Student data base is available in Environ Software which is installed in administrative office.
Participation in NIRF Ranking, ARIIA Ranking, Establishment of IIC,Promotion of Start-ups, Establishment of IPR, Establishment of Entrepreneurship Development Cell	All data is furnished in NIRF, ARIIA, and IIC Portal
Organization of Workshop and Seminar	Webinars are conducted from each department in the pandemic Covid-19
To get NBA accreditation in the Tier-II category for eligible undergraduate programs.	Pre Qualifier is submitted, awaiting for Accreditation

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body Council	09/04/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020	31/01/2020

15.Multidisciplinary / interdisciplinary

In view of NEP 2020, the Vision of our institute underwent modification with specific focus on innovations, sensitivity to environmental concerns and social responsibility. A specific mission to promote collaboration with academia, industry and research institutions is formalized to transform itself into a multidisciplinary institute. Being an affiliated institute, the curricula is provided by VTU. This curricula is analysed to ascertain compliance to NEP 2020. Specifically, following are the additional/refined courses which are in-place from the academic year 2021-22:

Semester	Course Code	Course title	Remarks
First / Second	21ITD19	Innovative & Design Thinking	Provides knowle of design think for innovations along with the required tools technologies (I
First / Second	21SFH29	Scientific Foundations of Health	Provides knowle of life science issues and technology supp
Third	21SCR36	Social Connect and Responsibility	Provides knowle about environme issues, associa social responsibilitie and technology solutions
Fourth	HSMC	Understanding Harmony And Ethical Human Conduct	Provides awaren of UHV under th following heads Harmony in Huma Harmony in fami Society Harmony in nature/existenc

			Holistic understanding & technologies
Third / Fourth	HSMC 21CIP37/47	Constitution of India and Professional Ethics	Provides constitutional awareness and h values
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 of the five multidisciplina courses
One of the three courses would be taken by students in any of the semesters from third to eighth semester	NCMC 21NS83 OR NCMC 21PE83 OR NCMC 21YO83	National Service Scheme (NSS) OR Physical Education (PE)(Sports and Athletics) OR Yoga	practical expos of societal con and practicing social responsibility

In order to enable the students to have a break in their studies for valid reasons, our university has implemented a multiple-entry-multiple-exit into the curriculum. By this, students are allowed to take a break at the end of any academic year subject to certain conditions and based on the recommendations of the counseling committee constituted by the head of the institute. Further, the scope for multidisciplinary activities is provisioned at the end of even semesters in the form of internships. To enable multiple-entry-multiple-exit alongside multidisciplinary activities, it is mandated

that the students shall complete all academic activities (that includes internship) before taking a break at the end of even semesters.

Our institute promotes multidisciplinary research endeavors through mini projects which are scheduled in the sixth semester of the programme. Execution of the mini-projects takes place in an iterative manner. Iteration 1 of execution shall be from a single department (Electrical Engineering, Electronics &Communication Engineering, Mechanical Engineering, etc). Towards the end of the sixth semester, projects which are multidisciplinary in nature shall be identified. Depending on the merits of the multidisciplinary project requirements, the same project shall be executed again (iteration 2) by constituting a team of students from relevant departments and an industry partner. By this, each aspect of the project gets addressed by the team members of the relevant department. Departments shall bank on the internship course which is, coincidently, scheduled between the sixth and the seventh semester (2018 scheme of curriculum). This methodology is expected to get enhanced with the 2021 scheme of curriculum since there are three internships which are scheduled at the end of every even semester of the programme.

16.Academic bank of credits (ABC):

Academic Bank of Credits has been established on the lines of the National Academic Depository (NAD) by Government of India, Ministry of education. Whereas ABC enables students to register or 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. Since our institution is affiliated to VTU, Belagavi, we are awaiting the guidelines to register our institution with ABC.

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 UGC Act 1956, Higher Education Institute (HEIs) are those institutions which are empowered to award degrees by themselves, and hence there is a dependency for us to await directions from 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 programmes with a minimum score of 675 individually. Our institute is looking forward to improve our NAAC grade and also improve on our NBA positioning to get the eligibility to register in the Digilocker. Presently we have filled the NBA Prequalifier and are looking forward for the NBA assessment next year. Subsequently, we would be completely active on 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) and such others. It has been noticed that our curriculum has always matched with many courses offered by skill-based institutions which have mapped their courses against NSQF, as far as the academic component is concerned. However, since the skill component is grossly lacking, our institute is in discussion with specific facility partners in our geography who are few in number. 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.

The institute has been teaching ~~Constitution and Professional Ethics~~ since the 2018 curriculum to an extent of 2 credits during the first year of the programme. This practice has been enhanced for the 2021 syllabus wherein additional 2 credits are dedicated to teaching courses that would arouse Universal Human Values (UHV) in students. Additionally, National festivals including Independence day, republic day and Gandhi Jayanthi day celebrations are conducted in a grand scale with the soul intent to awaken and sustain our traditional Indian values

Since the UG programme is affiliated to 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 2021 curriculum, 40credits out of

160credits is set aside to expose the students to skill development related activities. Nearly 31wks of work (approximately amounting to two semesters) carried out by the students exposes them to relevant skills of their respective fields of study. The distribution of 40credits cited above throughout the programme is well timed to accomplish effective skill based learning for the students. On the other hand, the earlier 2018 curriculum had only 13credits which was amounting to skill based learning for the students and the distribution of these 13credits had limited flexibility for the students.

Utilizing the provisions created by the university through their hybridized credit structure across skill and academic streams, our institute has strengthened the industry relations and on-campus incubation so that they can be used as a supporting infrastructure to implement skill based training to the students. Also, few faculty with rich industry experience have been put on-board at senior positions to drive this initiative effectively across all the departments. To organize these elements, the institute has formally started a skill development centre. All activities pertaining to skill based training to students and faculty are brought under the ambit of this centre. Since the modified credit structure and their distribution suggests internship for students just after their second semester, the institute is attempting to tie up with institutions like NTTF and GTTC that offer skill based technical training which are employment oriented and industry focussed.

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

Our institute is affiliated to VTU and hence the medium of instruction is English only. Further, the university examination question papers would be in English only. As such there is limited scope to teach the courses in vernacular. Moreover our institute is situated in urban part of Bengaluru where students and other stakeholders of our programme (parents, industry, research establishments) do not have any issue in speaking English. However, in order to cater to a probable minor segment of the stake holders (specially the parents and students who have migrated from rural areas to join the programme) the entire teaching faculty, technical staff and the administrative staff can speak the vernacular language which is Kannada. Most of the interactions while administering

courses like project work (phase 1 and phase 2), mini project, internship and parts of technical seminar course take place in bilingual mode (English and vernacular). The institute is encouraging the faculty to take active participation in translation initiative of AICTE to translate the course material from English to local language. With an equal level of seriousness, the institute is encouraging collaboration with Kannada and Culture Secretariat, Government of Karnataka.

The institute has taken active participation in FAER (Foundation for Advancement of Education and Research), a non-governmental, non-profit initiative open to all. Specifically, under this initiative, the institute has taken active role in the program titled "Technology Barrier Reduction" whose main objective is to provide exposure to rural based high school students. The constituents of this program included the following:

1. To provide a reasonable exposure to language – speaking and writing.
2. To provide exposure to some aspects of mathematics.
3. To familiarize them with some gadgets and ways of living in an institution including several normal functions like eating in a mess, using libraries, living in a hostel, etc.
4. The students will also get some exposure to laboratories, sports facilities and other campus facilities.

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

All eligible programmes of our institute are accredited by NBA that advocates Outcome Based Education. Our institute has undergone accreditation since 2008 and hence has strong roots with experience in running OBE programmes. Curriculum framing sets the course outcomes for the constituent courses and evaluation technique 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 2021 curriculum, 40credits out of 160credits is mapped to courses that expose the students to skill development related activities. Nearly 31weeks of activities (approximately amounting to two semesters) carried out by the students exposes them to relevant skills of their respective fields of study. On the other hand, the earlier 2018 curriculum had 15 credits which amounts to either skill based courses or Humanities, Social Science and

Management courses out of which 13 credits are already brought under the framework of OBE. As such, it is easy for us to expand our OBE framework to include other courses introduced in 2021 curriculum which is framed in-line with NEP2020 requirement.

20.Distance education/online education:

Formulating curriculum with an acceptable mix of theoretical knowledge and skill based experimentation poses further challenges in terms of implementation. Broadly, the challenges are three-fold namely:

1. Challenge of being able to provide remote or online education since any skill based experimentation involves human sensory perception.
2. Inability to facilitate expensive laboratory equipment
3. Inability to conduct experimentation that are either lethal to human life and those experiments that are destruction

However, in order to address situations like pandemics, limited equipment availability due to cost, scarce in skilled teaching personnel and also, unacceptably, large demand, advocate ODL (Open and Distance Learning) and online education. The laboratory experience is acknowledged to be an important part of engineering education, which goes a long way in building up good quality engineers.

Virtual Labs project is an initiative of Ministry of Human Resource Development (MHRD), Government of India under the aegis of National Mission on Education through Information and Communication Technology (NMEICT). Under Virtual Labs project, over 100 Virtual Labs consisting of approximately 700+ web-enabled experiments were designed for remote-operation and viewing.

Extended Profile

1.Programme

1.1   **621**

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

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

2.Student

2.1   **2623**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2   **378**

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

File Description	Documents
Data Template	View File

2.3   **751**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **168**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **184**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	621

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

2.Student

2.1 Number of students during the year	2623

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	378

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

2.3 Number of outgoing/ final year students during the year	751

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

3.Academic

3.1 Number of full time teachers during the year	168

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

3.2 Number of sanctioned posts during the year	**184**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**63**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**1706**
4.3 Total number of computers on campus for academic purposes	**1022**

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.

Due to the COVID19 pandemic, during lockdown teaching was online and virtual lab sessions were conducted.

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

8

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

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

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

25

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

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

2362

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 extra-curricular 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

30

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

1561

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/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	B. Feedback collected, analyzed and action has been taken

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

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

525

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

378

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. As per the Guidelines of AICTE & VTU, Virtual Student Induction Program (SIP) is conducted for the FIRST

year. A spectrum of sessions are organized by eminent speakers promoting awareness about covid-19, yoga and its importance, VTU curriculum, decoding digital distractions, an overview of the History of Science, Electricity and Energy conservation, etc., Students are categorized based on their performance in Class interactions and responses, surprise test and technical quiz. For Slow learners: We organize remedial classes and additional surprise tests. The mentor assesses their wards and motivates them in a friendly way to reach their academic goals. Doubt clearing and explanation of critical topics are done. For Advanced Learners: They are identified through their performance in examinations, interaction in the classroom and laboratory, their fundamental knowledge, concept understanding, and personal growth. For both advanced learners and slow learners, skill development programs, motivational guest lectures, industrial visits, mini projects, and visits for technical exhibitions are organized. Additional laboratory experiments are also conducted after the completion of the regular lab classes. The Institute has signed MOU with some National and International Institutes/ organizations. Students are encouraged to participate in and attend various workshops, Industrial Visits, NPTEL lectures, MOOCS courses, and guest lectures. Student projects meeting the current trends are submitted through Institution to KSCST (Karnataka State Council for Science and Technology) for motivation and financial support.

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/2.2.1%20(A).pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
2623	168

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem

solving methodologies are used for enhancing learning experiences

DBIT always supports collaborative and independent learning among the students. The lecture capturing platform, Impartus, provides an e-Learning solution for automatic recording and distribution of classroom lectures. In participative learning, the students are trained on modern tools. The industry visits and guest lectures are conducted. The project allocation, monitoring, and evaluation system are in place. Rubrics for project evaluation cover all the criteria. The students are trained for abstract writing, technical paper writing, and literature survey. The best practices are framed with student-centric methods. MBA students will be given a business case in all the subjects and asked to study and solve the same. Case studies reflect the reality of managerial decision-making in the real world, in that students must make decisions based on insufficient information. Students are rewarded for their outstanding performance in the project, experiment, research, and other relevant fields. Students undertake internships at various organizations wherein they are exposed to real-world issues and the policymaking process. 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, latest journal issues, and multimedia learning content. The digital classroom with new technology makes the learner/teacher tech savvy. The Institute subscribes to various online resources like IEEE, Digital Library, and DELNET. The faculty are encouraged to use resources along with NPTEL videos for a better teaching-learning environment.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://dbit.co.in/assets/pdf/naac/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

In DBIT all the program course instructors adopt various innovative teaching and learning tools to enrich student learning experience. With the aid of ICT tools – projectors, online teaching learning platforms like MS teams, Kahoot, google classroom, library management system students diverse learning

needs are catered.

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

ICT enabled 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 on campus including Google Meet, Zoom, and Microsoft Teams for conducting classes online by all the course instructors whenever needed. The classes conducted during the academic year were both online and offline due to covid pandemic.

The digital library of the college through KNIMBUS is having open access to e-books, periodicals, e-journals, and e-resources along with OPAC system supporting online learning facility. The institution has KOHA Integrated Library Management System 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	No File Uploaded
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

168

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

168

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

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

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

46

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

1129	
File Description	**Documents**
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

DBIT strictly adheres to the guidelines and rules defined by the affiliating university (VTU) for the conduction of Continuous Internal Evaluation (CIE) and also Semester End Examination (SEE), and is available publically on the university website.

Scheme 2017/2018: The CIE is for40 marks. The test shall be 30 and the assignment/unit tests/ Quiz is 10. For the theory course, three tests are conducted at the end of the fifth, tenth, and fourteenth week of each semester, and the average is considered the final mark. Three assignments following the revised bloom's taxonomy are given before each test with a separate set of assignment questions given to students divided into batches. Surprise tests and quizzes are conducted for periodic assessment of students.

In the case of the laboratory, journals/records are continuously evaluated for 24 marks, and one practical test of 16 marks is conducted at the end of the semester.

The Scheme as briefed aboveis robust with respect to frequency and mode.

After the CIE the scheme of evaluation and marks awarded to the students are shared in the class room.

Final year B. E. /MBA project work and technical seminar internal evaluation are 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/2.5.1.pdf

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

The institution follows the guidelinesdefined by the affiliating Visvesvaraya Technological University for the conduction of Internal assessment (Continuous Internal Evaluation). The CIE for a theory course shall be based on three tests generally conducted at the end of the 5th, 10th, and 14thweek of each semester. The CIEof the student is added to the SEE score to determine the overall score for every course of study. Student grievances with respect to internal examination, typicallyone or more of the following:

1. Inability to attend the CIE due to valid reasons (Health & etc.,)

2. Malpractice-related issues on the students

3. Disagreement with respect to the marks awarded in the CIE

4. CIE question papers containing questions that are out of the syllabus

The institution has set up the Grievance Redressal System in line with the guidelines provided by the AICTE.The institution has formalized the System through Grievance Redressal Committee. This committee is active throughout the year with clear milestones and hence is efficient in delivering the required services to the students in a time-bound manner. The committee also has a student representativeand hence is transparent. The committee is student friendly but with no compromise on the fairness needed to maintain the required academic standards.While proper processes do exist to avoid any sort of grievance, required documents are always created as a matter of practice to facilitate the Grievance Redressal System to function efficiently in order to resolve any grievances in a timely manner.

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.

Our institution has been practicing Outcome Based Education (OBE) from the past one decade and has reached a good level of maturity. Program Outcomes, the nerve center for OBE, for our UG Engineering programs are taken from the globally renowned accreditation body, the ABET. The POs for our PG program in Management (MBA) are similarly formed in line with those from certain renowned institutions. Course Outcomes (COs) at the level of every course are defined and are mapped to POs, quantitatively, as three discrete levels of compliance (signifying low, medium and strong compliance). Teaching faculty are trained to write meaningful and quantifiable COs through several workshops which are conducted on-campus. Additionally, each of the programs defines Program Specific Outcomes (PSOs) since POs are generic across all programs. The POs and PSO get disseminated through -http://www.dbit.co.in, display boards in Classrooms, Department Laboratories, HoD's cabins and in faculty rooms and also printed in Laboratory Manuals. The Course Outcomes of courses are communicated through respective course documents -Academic file, attendance register, IA question papers, Assignments, and Question bank. Specific lecture sessions as part of induction program for the freshman of all programs present all information about OBE that, primarily, covers POs, COs, PSOs along with their importance.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://dbit.co.in/assets/pdf/naac/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 (OBE) which has learner-centric approach. The affiliating Visvesvaraya Technological University designs the curriculum based on the expected Course and Program outcomes.

Students are well informed by the course instructors about the Course Outcomes and the Programme Outcomes. Creating awareness of Programme Outcomes & course outcomes offered by the program, leads to constructive co-operation of students & instructors to achieve the required skill sets of the programme / courses with which they are associated.

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

A sample attainment steps that calculates the CO and PO attainments are as follows-

1)Sheet -1—COURSE sheet comprises of

· Threshold values setting for CIE: >=70->3,>=60=2,>=40=1

SEE: >=65->3,>=35=2,>=10=1

· Percentage Contribution or weightage Setting of CIE, SEE and CES = 50:40:10

· Course Outcome Statements defining, Bloom's Level identification and target setting for each COs, in this case its 70% for all the COs.

· Target Setting for SEE (Semester End Exams) and CES (Course End Survey) , its set as 60% and 60% respectively.

· Contribution of COs to POs in the scale of 3 to 1 where 3 being the maximum contributor.

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

743

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/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/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)

116.96

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

10

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	Nil

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 R&Dprovides the complete ecosystem required for submitting project proposals to various funding agencies. Executing funded projects involving advanced Engineering concepts is viewed as a key to knowledge generation and dissemination. Faculty also conduct independent Research leading to their Ph.D. degree and this activity improves their teaching ability thus indirectly helping in knowledge dissemination to a broader spectrum of students.

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://dbit.co.in/assets/pdf/naac/3.2.1.pdf

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

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology,

Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

71

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://jnanashodha.vtu.ac.in/index_sup.php
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

50

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

59

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

For holistic development, in addition to academics, soft skills, community feeling and sensitization of one self towards social issues is a must. In order to accomplish this, our institution has adopted the AICTE-suggested framework of activity points. Our university has mandated this requirement on all of our students. Our institution facilitates all activities amounting to achieving AICTE activity points. Students undertake activities like educating the rural communities with respect to cleanliness, energy consumption, digitization, Water Conservation, and others. Similar activities are also carried out by our students who have specially joined NSS and NCC. Activities undertaken by our students also map on to national initiatives like Atmanirbhar Bharath, Swatch Bharat Abhiyan, and Make in India (focused on the cottage industry). The institution, completely, sponsors such activities.

Our institute strives to generate awareness or awaken concepts of societal importance and also commemorate moments of pride and historical importance by celebrating the events like Independence Day, Republic Day, Gandhi Jayanthi, Ambedkar Jayanthi, National yoga day, National youth day, Teachers' day, Engineers' day, and such other national festivals. Activities of societal importance like the blood donation camp are carried out as a practice.

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/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

03

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

20

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

1539

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

300

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

26

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.

Our institution is housed on a campus of 32acres of land outskirts of Bengaluru citybut well connected with Bengaluru-MysuruNational Highway. The institution has a classroom with well-furnished to carry out the teaching and learning activities for the UG and PG programmes offered. The size of the classrooms is as per the AICTE requirements.The classrooms are well-lit and well-aerated and are also equipped with projectors thus providing an excellent learning experience. Our laboratories of all programmes are well equipped with all required equipment, experimental test bed, programme specific software, high-speed computer, and servers as required. Thus, our laboratories provide good experiential learning to our students. Seminar halls for organizing workshops, invited talks, and value-added courses are associated with each of the departments, mostly, on an exclusive basis. Over 1000 computers (at 1:3 computer-student ratio) are available and distributed to all the departments depending on their strength and curricular requirements. The central library and departmental library (associated with each department) are equipped with textbooks, reference books, renowned journals, and other E-resources in adequate numbers to support students with respect to their curricular achievements. The library has its own computer center which can be used by the students to study the available E-resources. Hostel facilities for boys and girls, a canteen for refreshments for day scholars, playground, basketball court, gymnasium, and fitness equipment are the additional infrastructure available on campus.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/4.1.1.pdf

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

The institution has a Physical Education & Sports Department headed by a PED with a Doctoral Degree in Phyiscal Education. The department advocates intense practice as the key to success and hence has institutionalized regular practice of sports. The institution provides ample opportunities for students to participate in various intramural competitions and also the national/ state/ district/ zonal/inter-zonal/ selection trials/ inter-university/ South zone inter-university/ All India university tournaments as extramural competitions, which enhances the students' personality.

The Department is well equipped with modern infrastructure and conducts sports for Basketball (608 sq.m), Volleyball (162 sq m), Throw ball (224 sq m) Badminton, Table Tennis(288 sq 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 a yoga Centre, wherein the students and staff avail these facilities for physical and mental strength.

The institute has a dedicated 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 various stage performances such as - Lead the Youth, Treasure Hunt, Art Gallery, etc. 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/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/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)

41

File Description	Documents
Upload any additional information	**No File Uploaded**
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 been automated with KOHA (19.11.09.000) integrated library management system. It is a true enterprise-class ILMS with comprehensive functionality including basic and advanced options. KOHA includes modules for acquisitions, circulation, cataloguing, serials management, authorities, flexible reporting, label printing, multi-format notices, and offline circulation for 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 reader and generates management reports and statistics in cataloguing, acquisitions, serials, and circulation. KOHA is built using library standards and protocols such as MARC 21, UNIMARC, z39.50 ensuring interoperability between KOHA and other technologies, while supporting existing workflows and tools. The installation, configuration, and maintenance has given to the LIS Academy Bengaluru a non-profit organization.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	http://61.12.77.19/

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)

24.5

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

14602

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

4.3 - IT Infrastructure

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

The institution has adequate IT facilities for the administrative departments in addition to a larger number of computers (at 1:3 computer-to-student ratio) associated with the teaching departments. This IT facility includes approximately 100+ computers in departments that include admission, accounts,

library, R&D, Training and Placement, and the departmental offices. Microsoft 365 account is available on all computers on the campus. Microsoft 365 is a gateway for the complete suite of Microsoft products for all administrative and communication requirements of any corporate. Computers are networked and provided with Sophos firewall whose Xstream architecture protects the network from the latest threats while accelerating the cloud application traffic. The extensive feature sets of Sophos are exploited to deploy the security gateway setup that best suits our environment.

In addition to the one drive storage that is provisioned by an office 365 account, the institution has subscribed for AWS and envisages having cloud applications on the cloud in the future. Learning Management System and certain home-grown ERP-like utilities are already available on AWS. In the future, online recruitment portals and such other application software would have a cloud interface.

Updating Email accounts (faculty & students), maintenance of campus-wide CCTV, WiFI network maintenance and provisioning WiFi on the user handsets, enabling library resources to the students and faculty, and maintenance of digital classrooms, are some of the routine tasks executed by the IT facility. These activities are vital to an effective administration as well as for the Teaching-Learning Process of the institute.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/4.3.1.pdf

4.3.2 - Number of Computers

1022

File Description	Documents
Upload any additional information	[View File](#)
List of Computers	[View File](#)

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

the Institution

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)

210

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	[View File](#)
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File](#)

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

The institute has a centralized Department of Maintenance that supervises the maintenance of buildings, classrooms, and other infrastructure facilities. The entire task related to maintenance of infrastructures like civil, electrical, water supply, gardening, AC maintenance, solar panels, RO purifiers, water coolers is carried out by dedicated teams.

Maintenance tasks related to security, housekeeping, transport (buses), fire extinguishers and reprographic facility is outsourced to agencies whereas the centralized maintenance department shall supervise and be responsible for their services.

Regarding the maintenance of computational infrastructure that constitutes the crux of the computer science related teaching

departments, surveillance camera system, website, E-content storage, sound system for seminar halls and such others, the IT facility shall execute the maintenance whereas the centralized maintenance department shall support with respect to procurements required for maintenance. Similarly, the laboratories headed by the departmental foreman associated with the teaching department of Electronics & Communication Engineering shall execute the maintenance-related tasks associated with equipments, tools, and other systems of electrical origin whereas the maintenance department shall support with respect to procurements required for maintenance.

The central library and departmental libraries has dedicated staff to carry out maintenance related activities. However, the procurement of new books, subscription renewals, new subscriptions, procurement of print journals and E-journals are decided over discussions within the library committee chaired by the Principal.

Whereas the nominal maintenance of all infrastructure is budgeted on a yearly basis, separate budget is suggested and sanctioned to address obsolescence and modernization.

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

1596

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

78

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/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

`313`

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

`313`

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

329

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

14

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

15

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.

0

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

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

Institute is having a practice of identifying student representatives from each class who would take part in carrying out specific administrative, co-curricular, and extracurricular activities on campus.

Every class has a Class Committee in which member student representatives have various roles to play. The students present their views on the course syllabus and the activities under the Teaching-Learning Process. Additional committees include Department forums, NSS Forum, Cultural Forum, Sports Councils, Readers Forum, and others. The list of committees with student's representation is as follows:

Our institution welcomes the representation of students in various bodies with a motivation to honor the voice of students and their perspectives. The management of the institution deems it very important for overall effectiveness since students are the prime stakeholders of all activities of the institution.

These committees are formed every year during the beginning of the odd semester with the representation of students across all branches. Invariably, the committees include faculty and industry representation in addition to student representation, depending on the functions of the committee. The Chairperson of these committees shall be the Principal of the college. These committees independently carry out the assigned functions and report the outcome to the Chairperson for the purpose of ratification. These outcomes further get a nod from the management as might be required

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/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

1285

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 of DBIT are engaged in

different areas like Engineering, Business and Government organizations. The year 2020 – 2021 has been phenomenal with the below major milestones being touched upon

List of Major Milestones achieved in 2020 -2021

• DBITAA launched its flagship Exclusive Telegram Group with the aim to strengthen the inter – personal relations of the alumni and build an ecosystem to help each other for career opportunities.

• The facility of Internet Banking was enforced to further streamline the financial operations

• The various events on topics related to

(i) Career Guidance & Placement Preparation

(ii) Insight into opportunities in IT sector

(iii) Career Opportunities in the core fields of EEE

(iv) Programmes to promote the art of Entrepreneurship in the campus

(v) Programmes to mitigate the gap between the Academia and Industry

(vi) Induction Programme to the freshers of Batch 2021 by the senior alumni

(vii) Several Technical talks etc were organised with the view to educate the students about the trending technologies

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: Don Bosco Bangalore to be the distinguished center of
excellence to nurture and transform the talent of millions through
quality and value-based education in the areas of technology,
management, and science through its innovative facilities of
higher learning towards human excellence.

Mission: To create a distinguished destination wherein the
personal, intellectual and professional qualities of the students
are strengthened through partnering with the industry, government,
and professional bodies through a collaborative effort.

The Governing Council is constituted as per the guidelines of
AICTE. It comprises 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, appropriate decisions are made and circulated to all
the staff through circulars. 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 various committees like Anti-
ragging Committee, NBA, NAAC, R&D, Test and Examination, Women
Safety and Grievance Redressal Committee/College Internal
Complaint Committee, and so on.
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File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/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. Academic 2. Logistics 3. Administration 4. Quality standardization 5.Finance. While the academics is coordinated by the Principal but predominantly driven by the council of HoDs. The Hods meet once 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 larger departments where the strength is more than 60 there are class teachers for every section of 60 students. Class teachers significantly influence the working of their respective sections. Each section of 60 students is divided into mentee groups wherein 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 works towards the accomplishment of specific functionality. This includes campus-wide discipline, grievance redressal, and others. Beyond academics there exists Admin and Facilities that operate independently as support organizations.

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

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/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, a 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-round quality education for its stakeholders

The Long-Term Goals:

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

The year 2020-2021, is a pandemic year. The campus Task Force committee was constituted for the implementation of COVID-19 Standard Operating Procedures. The principal & NSS officer approached the Medical officer, at Government Primary Health Care Centre, Kumbalagodu, Bengaluru requesting for conducting vaccination drives and a free RT-PCR covid test camp in our institute. Both events were meticulously and successfully conducted under the banner of the NSS/NCC/Red Cross society.

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/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 patron is the chairman of the governing body. The governing body is responsible for policymaking andis approved in the governing council meeting. The decision-making procedures are made at appropriate levels in the organizational hierarchy.

The Principal & the IQAC constitute the committees for delegation of roles & 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.

HODs provide inputs through the departmental system and participative decision-making processes are in practice. Timely implementations of the decisions are taken in HODs meetings.

The institution strictly follows the service rules according to the AICTE norms and recruitment is taken place according to the norms of the University. A body comprising of Executive Director/Secretary, Principal, HOD, 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.

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

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

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. A 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

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

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

8. Free vaccination camps were conducted for teaching, non-teaching staff, and students.

9. Free RT-PCR Covid-19 Test camps were conducted for teaching, non-teaching staff, and students.

10. Sanitizers are provided to all departments on regular basis during the year 2020-2021.

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/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

32

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

28

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

328

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

At DBIT, the performance appraisal process encourages 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 is based on the annual performance of the employee which gets recorded as a set of performance data that get compiled and processed to yield fewer performance metrics.

The performance appraisal process starts with a self-assessment form that shall be filled by employees in a given prescribed format which includes all the data related to academic performance, administrative support, student support and support to IQAC. The scores assumed and reported by the staff are reviewed by the HoD who would affix his/her views in terms of the scores under various heads. Similarly, the Principal would affix his/her score for every staff member. Normalization of these scores across the institution would bring all staff on a common platform of comparison. The senior management shall review the consolidated scores and announce the possible encouragements to the deserving employees. At the same time, the non-deserving employees are suggested with an improvement plan. This improvement plan shall be executed by the HoD with sufficient mentoring as might be required.

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 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 or 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/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)

9.38

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

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

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, 2020-2021 the institution received a fund for K-Fist level 2 from VGST of Rs 60 Lakh. A fund of Rs. 1,29600/- from NIET, Calicut for conducting Recruitment Exams, Rs.1,17,000/- from vision Tech Park for conducting CFA Exams, Rs. 60660/- from ITBP for conducting Indo-Tibet Border Police. Rs. 93000/-from IEIT7P for conducting AMIE Exams. Also received funding from TCS, Acef Integrated Solutions to conduct competitive Exams like GATE, UGC, AIIMS, JEE, NTA, COMED K, CAT, and MRPL Exams. 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 the Accounts Officer prepares a consolidated college budget. If any underutilization 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/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 a quality culture in the Institute. The IQAC conducts Academic Audit once a semester. The objectives of IQACare 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 threedifferent reports to evaluate academic quality: 1. Quality Assurance Report I: 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 a 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 institutionalizes the identified good practices across the institution.

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

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

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

semester.

During the year 2020-2021, the pandemic posed a serious challenge to the TLP process framework. The IQAC in discussion with the council of HoDs supported the institutionalization of ICT tools to sustain the TLP. Under the recommendation of IQAC, the faculty members used Microsoft Teams, zoom, and Google ClassRooms for conducting classes and also for the purpose of evaluation. IQAC along with the support of system administration ensured the smooth conduction of CIE with no scope for any malpractice.

File Description	Documents
Paste link for additional information	https://dbit.co.in/assets/pdf/naac/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/6.5.3.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The 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. The anti-ragging committee investigates ragging occurrences on a regular basis. 6. Suggestion/complaint boxes are placed in strategic areas.

7. Common girl's room is provided on the campus

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.

File Description	Documents
Annual gender sensitization action plan	https://dbit.co.in/assets/pdf/naac/7.1.1(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/7.1.1(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	B. Any 3 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	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	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

A. Any 4 or all of the above

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

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

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

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 effortto maintain an

inclusive atmosphere 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 includeevents such as planting tree saplings to enhance the green cover and specificallyconductinghealth awareness programs regarding Covid and also conducting Covid testing and vaccination Drive (conducted during the pandemic period)
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 courses

Constitution 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/7.1.9(A).pdf
Any other relevant information	https://dbit.co.in/assets/pdf/naac/7.1.9(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	D. Any 1 of the above

File Description	Documents
Code of ethics policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	[View File](#)
Any other relevant information	[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 onAugust 29to 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 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	**No File Uploaded**
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.

Best Practice 2020-21 being the pandemic year Institution has adopted the following two best practices. Title of the Practice 1. Video lectures recording and dissemination 2. online assessment Objective 1. To make the teachers reach all the students an online platform 2. To assess students' performance online platform 3. The Context 2020-21 being the pandemic year, Institution has taken a lot of measures to ensure effective course delivery and the safety of students and faculty. To ensure effective course delivery, apart from regular online classes, one dedicated Video Capturing System as well as an e-learning platform, i.e., 'Impartus'have been set up on campus for the video recording of various courses. The recorded videos, learning materials, quizzes, and so on were made available 24/7 to the students, online via Impartus. The practice 1. Impartus' – a video Capturing System, as well as an e-learning platform, is 04 + years of establishment of DBIT infrastructure. 2. Initially, making the teachers adapt to this online mode of teaching usingImpartus was a challenging task, but gradually both teachers and students got adopted this blended model of teaching-learning techniques Evidence of success Almost all the students did well during the internal/external examinations. Problems Encountered and Resources Required Problems: 1. It was not possible to capture video lectures for all the subjects 2. It wasn't easy to handle laboratory classes Resources: a. Establishment of studios for video capture b. Electronic writing pads and audio-visual equipment and laptops/ Desktop

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

7.3 - Institutional Distinctiveness

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

Vision: Don Bosco Bangalore to be the distinguished center of excellence to nurture and transform the talent of millions through quality and value-based education in the areas of technology, management, and science through its innovative facilities of higher learning towards human excellence.

The focus of the institution as could be inferred from the vision hovers on the following: To work with a larger number of students with an intent to produce more and more technical manpower year after year To provide quality and Value -based education To concentrate on technology, management, and Science To facilitate innovative facilities to accomplish human excellence

While our institution has worked to accomplish each of the above, leveraging quality-based education has been quite distinctive for the year 2020-21.

Whereas IQAC has been in existence even prior to 2020, during the year 2020-21, the impetus given to IQAC has been quite large owing to the conviction that IQAC is capable of accomplishing quality education.

All academic activities of the institution have been brought under the ambit of IQAC. In coming years, the thrust would be set on other aspects of the vision thus accomplishing it in its totality,

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

- Conducting student-focused academic and skills development activities.
- To conduct one International Conference
- To Encourage students by conducting programs and supporting students to become entrepreneurs.
- To adopt green Practices in the institute by installing solar panels on the campus, which can also be used as a Demonstration for Students.
- To Enhance the quality of Research Projects and encourage the faculty members to file Patents, Publications with Scopus Indexed Journals & writing a proposalfor funded projects.
- To initiate submission of SAR to accomplish extension of NBA accreditation for all programs under Tier-II.
- The institution assesses the learning levels of the students, after admission and organizes special Programmes for advanced learners and slow learners.
- More emphasis will be given to Teaching Pedagogy and the use of ICT Tools and online certifications.
- Various committees will be formed by the IQAC with well-defined Objectives, Roles and Responsibilities, and SOP to run the institution smoothly.
- Each department should plan to initiate value-added activities, reflect them in their calendar of events and conduct them with appropriate resource personnel
- To study NEP-2020 and interact with affiliating universities formally and/or informally to understand their thought process leading to NEP implementation.

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