YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1. Name of the Institution

Visvesvaraya Technological University, Belagavi

- Name of the Head of the institution

  Prof. S. Vidyashankar

- Designation

  Vice Chancellor

- Does the institution function from its own campus?

  Yes

- Phone no./Alternate phone no.

  08312498221

- Mobile no

  9844259968

- Registered e-mail

  registrar@vtu.ac.in

- Alternate e-mail address

  vtu.naac@vtu.ac.in

- City/Town

  Belagavi

- State/UT

  Karnataka

- Pin Code

  590018

2. Institutional status

- University

  State

- Type of Institution

  Co-education

- Location

  Semi-Urban

- Name of the IQAC Co-ordinator/Director   **Prof.S.L.Deshpande**
- Phone no./Alternate phone no   **(0831) – 2498100**
- Mobile   **9448428785**
- IQAC e-mail address   **vtu.naac@vtu.ac.in**
- Alternate Email address   **vtu.naac@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)   http://vtu.ac.in/en/naac/

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://vtu.ac.in/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.73**	**2022**	**29/03/2022**	**28/03/2027**

6.Date of Establishment of IQAC   **28/04/2017**

7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Institution	**Consultancy**	**CSIRC**	**2023**	**17500**
Faculty	**Consultancy**	**CSIRC**	**2023**	**100000**

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   **1**

- The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.   **Yes**

(Please upload, minutes of meetings and
action taken report)

- (Please upload, minutes of meetings and
  action taken report)

  [View File](#)

**10.Whether IQAC received funding from any
of the funding agency to support its activities
during the year?**   No

- If yes, mention the amount

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

1)Faculty members have developed e-content as part of the
university's initiative.

2)The majority of the MOUs were finalized in the academic year
2023-2024.

3) Organized the National-level fest Yukti at three regional
centers.

4)A variety of activities, including conferences, exhibitions,
seminars, lecture series, and workshops, were organized throughout
the year to enhance the quality of education for both teachers and
students.

5)IQAC Cell taken initiatives for faculty promotion in the form of
Career advanced scheme (CAS).

**12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards
Quality Enhancement and the outcome achieved by the end of the Academic year**

Plan of Action	Achievements/Outcomes
1) Establishment of IPR Cell.	An IPR cell motivates researchers, students, and faculty to innovate by ensuring their ideas and inventions are protected towards Research.
2) Ad-Hoc Faculty Appointment.	Appointed well qualified and committed staff as per UGC norms and encourage faculty to completion of higher degree
3) Increasing the number of linkages with research organizations, industries and Affiliated institutes.	Meeting with affiliated college principals and VC's from South Indian Universities to help University growth.
4) Starting of new Skill Development centers	There has been an increase in demand-driven skill development courses for external participants.
5)Inclusion of Online Degree courses	Implementation of online degree program full/partially.

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

- Name of the statutory body

Name	Date of meeting(s)
Registrar	08/01/2025

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?   **Yes**

15.Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	**Visvesvaraya Technological University, Belagavi**
• Name of the Head of the institution	**Prof. S. Vidyashankar**
• Designation	**Vice Chancellor**
• Does the institution function from its own campus?	**Yes**
• Phone no./Alternate phone no.	**08312498221**
• Mobile no	**9844259968**
• Registered e-mail	**registrar@vtu.ac.in**
• Alternate e-mail address	**vtu.naac@vtu.ac.in**
• City/Town	**Belagavi**
• State/UT	**Karnataka**
• Pin Code	**590018**
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• Location	**Semi-Urban**
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• Phone no./Alternate phone no	**(0831) – 2498100**
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15.Whether institutional data submitted to AISHE

Year	Date of Submission
2024	05/03/2024

16.Multidisciplinary / interdisciplinary

VTU offers B.Tech. M.Tech., MBA and MCA programs and Ph.D program. Implementation of NEP 2020 across all its programmes states the multidisciplinary and interdisciplinary approach Inclusion of robust industry driven curriculum through core/ professional/ technical courses Inclusion of value-based education relating cross-cutting issues through courses like EVS, UHV Inclusion of need-based technical education and training in engineering and technology through VTU's skill development center Inclusion of professional courses for career-readiness with a view to generate qualified and competent manpower Various personality development courses, professional writing and communicative English, Indian constitution, regional language courses are also part of the courses offered. Academic Flexibility to choose the courses, as per the needs and interests of students, through elective subjects and pursue internships, projects, The integration of various courses in different programs and flexibility to choose as per the student interests is one of the key aspects of VTU's multidisciplinary approach. For example: Computer Science with Business Analytics: This combination allows students to leverage their technical knowledge in computer science with a deep understanding of business analytics, enabling them to make informed decisions and solve complex problems in various industries. Students can learn how to design and build efficient systems, develop applications, and solve computational problems. This technical expertise is invaluable in today's technology-driven landscape. VTU has adopted World-Class knowledge delivery methodology by extensively using ICT tools. The consortium of e-resources, e-Learning and smart laboratories is a testimony to this. This approach of multidisciplinary curricula and usage of digital initiatives to pursue the courses, guarantees the technical and professional excellence of the students at the time of completion of programs enrolled.

17.Academic bank of credits (ABC):

The Academic Bank of Credits (ABC), is a national-level facility which will promote the flexibility of the curriculum framework and interdisciplinary/multidisciplinary academic mobility of students across the HEIs in the country with appropriate "credit transfer" mechanism. VTU offers following ABC points: Choice based Credit System: VTU has implemented CBCS whose credits will be added to the ABC of each student on completion of the course. Education Activity: Students earn credits on completion of NPTEL, SWAYAM and MOOC courses. Sports and Cultural activity: Students awarded in sports and cultural programs at national level earn

credits. Alumni engagement: Alumni help for placements and workshop and their sibling students in VTU get reward credits.

18.Skill development:

VTU envisioned the skill development to align with its vision. VTU has adopted practical oriented approach in its curriculum. Over 30-35 credits are offered for practical courses and projects. The course and curriculum has been designed with the consultation of industry experts. Internships at various levels for UG and PG programs are included. Long Term internships help the students to understand industrial/organizational requirements. Skill development activities (SDA) are included in the curricula and Post Graduate final year students undertake major project which inculcate skills. VTU- National Academy for Skill Development is a noble initiative of Visvesvaraya Technological University to cater the present need of skill requirement in India. The University has established skill development centers at Dandeli and Talkal mainly to train the rural masses to enhance their skills in the areas of their interest and make them self-sustainable. VTU has made several MoUs to enhance the ability to cater to the skill development sector VTU strives towards its social responsibility and helps to raise the rate

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

The University has introduced courses like Indian Constitution, Scientific foundation for Health, Universal Human Values, Yoga which are mainly founded on the Indian knowledge system base. The curricula of these courses focus on the history-driven ideas and solutions in various aspects. Living in India, the law is to be known so constitution is also a part of the curricula. Yoga is the ancient discovery of the Indians to heal all diseases and keep oneself healthy and happy. Likewise, India is a secular country which teaches values and ethics in life so Universal Human Values are also included as a part of curricula. Courses like Samskrutika Kannada and Balake Kannada being a regional language based curricula help understand the Indian knowledge system nationally and locally. The curriculum of Samskrutika Kannada comprises of State's rich cultural heritage,Life history and achievements of great personalities like Sir. M. Visvesvaraya and many more. Balake Kannada aims to teach Kannada Language to the students coming from different parts of the country to make them understand the state language. Likewise several courses and talks which contribute to integrate the Indian knowledge system

are organized for the students.

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

VTU is practicing well structure syllabi-based teaching learning as per OBE with the following points 1. Course is defined as a theory, practical or theory cum practical subject studied in a semester. 2. Course Outcome (CO) Course outcomes are written which are statements that describe significant and essential learning that learners have achieved and can reliably demonstrate at the end of a course. Generally, three or more course outcomes are specified for each course based on its weightage. 3. Programme is defined as the specialization or discipline of a Degree. It is the interconnected arrangement of courses, co-curricular and extracurricular activities to accomplish predetermined objectives leading to the awarding of a degree. 4. Programme Outcomes (POs) Program outcomes are written which are narrower statements that describe what students are expected to be able to do by the time of graduation. POs are expected to be aligned closely with Graduate Attributes. 5. Program Educational Objectives (PEOs) The Programme Educational Objectives of a program are written which are the statements that describe the expected achievements of graduates in their career, and what the graduates are expected to perform and achieve during the first few years after graduation. 6. Programme Specific Outcomes (PSO) Programme Specific Outcomes are written which state what the students should be able to do at the time of graduation with reference to a specific discipline. Usually there are two to four PSOs for a programme. 7. Graduate Attributes (GA): The graduate attributes, are written which are exemplars of the attributes expected of a graduate from an accredited programme.

21.Distance education/online education:

After seeking the permission from AICTE, VTU has initiated the distance education program. VTU is having its own Institutional LMS through which the courses on thrust area have been recorded and made available to the students. The University encourages the students to take value added courses online through MOOCs, NPTEL etc.Faculty are participating in preparation of lecturees in institutional LMS,which will help the students across the nation to access.Various online lectures from experts are organized to strengthen the knowledge and skills of faculty and students.All the classrooms and seminar halls are euipped with ICT facilities.The online Resources are being made available to students.VTU online education portal:https://online.vtu.ac.in/

Extended Profile

1.Programme

1.1   **27**

Number of programmes offered during the year:

File Description	Documents
Data Template	View File

1.2   **8**

Number of departments offering academic programmes

2.Student

2.1   **3553**

Number of students during the year

File Description	Documents
Data Template	View File

2.2   **1106**

Number of outgoing / final year students during the year:

File Description	Documents
Data Template	View File

2.3   **3304**

Number of students appeared in the University examination
during the year

File Description	Documents
Data Template	View File

2.4   **0**

Number of revaluation applications during the year

3.Academic

3.1   **1106**

Number of courses in all Programmes during the year

File Description	Documents
Data Template	View File

3.2   **215**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.3   **82**

Number of sanctioned posts during the year

File Description	Documents
Data Template	View File

4.Institution

4.1   **344923**

Number of eligible applications received for admissions to all the
Programmes during the year

File Description	Documents
Data Template	View File

4.2   **2000**

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

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**27**

File Description	Documents
Data Template	View File

1.2 Number of departments offering academic programmes	**8**

2.Student

2.1 Number of students during the year	**3553**

File Description	Documents
Data Template	View File

2.2 Number of outgoing / final year students during the year:	**1106**

File Description	Documents
Data Template	View File

2.3 Number of students appeared in the University examination during the year	**3304**

File Description	Documents
Data Template	View File

2.4 Number of revaluation applications during the year	**0**

3.Academic

3.1	**1106**

Number of courses in all Programmes during the year	

File Description	Documents
Data Template	View File

3.2 Number of full time teachers during the year	**215**

File Description	Documents
Data Template	View File

3.3 Number of sanctioned posts during the year	**82**

File Description	Documents
Data Template	View File

4.Institution

4.1 Number of eligible applications received for admissions to all the Programmes during the year	**344923**

File Description	Documents
Data Template	View File

4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**2000**

File Description	Documents
Data Template	View File

4.3 Total number of classrooms and seminar halls	**78**

4.4 Total number of computers in the campus for academic	**1456**

purpose	
4.5 Total expenditure excluding salary during the year (INR in lakhs)	22589.35434

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

Visvesvaraya Technological University (VTU), located in Belagavi, Karnataka, is a leading State Technical University catering to over 200 institutions across the state. Its primary goal is to provide premier technical education focused on industry needs, blending theoretical and practical knowledge to enhance the quality of its graduates for both the job market and research endeavors. Aligned with the National Education Policy (NEP) of 2020, VTU emphasizes Outcome Based Education (OBE) to meet graduate attributes. The university has established a robust framework, including a Board of Studies (BOS) with representatives from academia and industry, to ensure the curriculum meets Course Outcomes (COs) through continuous assessment. Recognizing Karnataka's prominence in various industries such as Information Technology, Aerospace, and Management consultancies, VTU offers programs designed to meet local, national, regional, and global standards. Here's a table summarizing the relevance of some of VTU's programs: Programmes Relevance VLSI Design and Embedded Systems Global and National Water and Land Management National and Regional Nanotechnology Global, NationalAerospace Engineering Global, National Product Design and manufacturing National, Regional and Local Computer Science & Engineering Global, National, Regional and Local Master of Business Management Global, National, Regional and Local Furthermore, VTU emphasizes enhancing employability and entrepreneurial skills through mandatory internships and projects aligned with students' specializations. The university supports students' growth through dedicated Entrepreneurship Development and Placement Cells, nurturing excellence in their academic and professional pursuits.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

494

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

386

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	**No File Uploaded**

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

38

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	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

The university integrates cross-cutting issues pertinent to environment and sustainability, human values, and professional ethics into the curriculum, ensuring a holistic educational experience. The Water and Land Management program offers sustainable solutions to water, soil, and environmental challenges, with courses like surface water hydrology and groundwater hydrology focusing on resource conservation and management. Courses such as design of hydraulic structures and optimization techniques contribute to sustainable resource management, considering gender aspects for inclusive solutions. Curriculum components emphasize the prevention of pollution and conservation of environmental resources, fostering responsible stewardship among students. In management studies, topics like ethical management, leadership, and social responsibility of marketing equip students with ethical decision-making skills and awareness of sustainability. Mandatory courses like Research Methodology and IPR instill fundamental ethical principles in research activities and educate students on intellectual property rights and their business implications. The Women Cell's participation as co-organizer for the IEEE Conference for Women in Innovation, Technology, and Entrepreneurship underscores the university's commitment to gender inclusivity and empowerment. Through such initiatives, students gain insights into ethics, sustainability, social responsibility, and environmental stewardship, preparing them for responsibleleadership roles in their respective fields.

File Description	Documents
Upload relevant supporting document	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

18

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

323

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

394

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- **All 4 of the above**

File Description	Documents
Upload relevant supporting document	[View File]()

1.4.2 - Feedback processes of the institution may be classified as follows

- **Feedback collected, analysed and action taken and feedback available on website**

File Description	Documents
Upload relevant supporting document	[View File](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

12113

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

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

3108

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.2 - Catering to Student Diversity

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

VTU assesses learning levels of students at the time of commencement of the programme. Students are identified as slow/advanced learners based on their performance in prerequisite. Advanced/ slow learners are made to interact with assigned mentors. Strategies for slow learners: Remedial Classes are conducted to improve the academic performance of the slow learners, absentees, and students who participate in sports, co-curricular activities, etc. This has helped them to improve their performance and catch up with their peers. Group Study

System is encouraged to help the advanced learners. University promotes Peer learning by motivating advanced learners to help slow learners. Continuous monitoring of academic performance and special education needs are identified by mentors. Strategies for advanced learners: Advanced learners are encouraged to enroll in MOOC Courses – Swayam. Under UG programs, they are given the provision of attaining Minor and Honor's degrees. Value- added courses are also provided both at UG and PG level. Advanced learners are also initiated into Research by giving opportunities to be a part of Research projects, which may lead to publication. They are given the provision of enrolling in integrated programs (PG and Ph. D) as per NEP 2020.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link For Additional Information	Nil

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
3553	215

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

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

The University prioritizes student-centric methods to bolster student engagement, emphasizing participative learning and problem-solving. Various approaches include project work, field visits, industrial visits, guest lectures, role plays, teamwork, debates, seminars, quizzes, and case studies. Students actively participate in these activities to enhance their learning experience. 1. Experiential Learning: Through project work, competitions, field and industrial visits, and guest lectures, students gain practical insights and real-world exposure, enriching their educational journey. 2. Participative Learning: Role plays, teamwork, debates, and group work foster

collaboration, communication, and critical thinking skills among students, promoting an interactive learning environment. 3. Problem-Solving Methodology: Case studies, analysis, reasoning, discussions, quizzes, and research activities empower students to develop analytical abilities, problem- solving skills, and a deeper understanding of subjects. Encouraging students to present in class enhances teaching effectiveness by promoting active engagement and knowledge dissemination. These student-centric approaches nurture holistic development, preparing students for academic and professional success.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

VTU, as a technical university, emphasizes the extensive utilization of ICT-enabled tools for an enhanced teaching and learning experience. All faculty members across campuses leverage ICT tools such as LCD projectors, video conferencing, Apple tabs, A-view, Google Quiz, MOOCs, and e-learning technologies. The infrastructure includes leased lines, multimedia projectors, public address systems, document cameras, computers, desktops, laptops, Wi-Fi, LAN-connected systems, and iPads. All classrooms across Belagavi, Muddenhalli, Kalaburgi, and Mysuru campuses are equipped with ICT facilities. An e-learning center in Mysuru is equipped with recording and transmission capabilities, meeting students' learning needs. This center develops e-learning content, conducts research, and facilitates EDUSAT-based live lecture transmissions. Over 5000 live hours have been delivered to date, with approximately 500 subject experts from VTU-affiliated colleges and PG centers contributing to academic lectures. The university also organizes special lectures and technical talks by inviting industry experts, enriching students' learning experiences with real-world insights and expertise.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

137

File Description	Documents
Upload relevant supporting document	[View File](#)

2.4 - Teacher Profile and Quality

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

215

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

7

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

10

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

55

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

55

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

00

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The university implements IT integration in examination procedures using in-house developed software. Reforms also cover continuous internal evaluation methods, improving system functionality. Processes include: Online filing of student details and examination forms, including hall ticket generation. Colleges submit examination data online, such as attendance, CIE marks, and practical marks. Online systems facilitate QPDS, answer script digitization, digital valuation, and external mark submission. PG program thesis evaluations, including plagiarism checks, are conducted online. Results are declared through the

university website. Application submissions for revaluation and photocopy are processed online. Automatic delivery of photocopies to students via email. Examination documents like PDCs and transcripts are delivered online, ensuring accessibility and security. All issued documents by the examination section have security features, with mandatory documents accessible on the NAD portal. Research program processes, including M.Sc. (Engg.) by research/Ph.D., are fully automated from registration to transfer to the "Shodhaganga Portal".

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The University emphasizes clearly defined learning outcomes and graduate attributes, ensuring effective communication to all stakeholders through various mechanisms: 1. Syllabi Availability: Syllabi are readily accessible in departments for students and faculty, facilitating reference. Learning outcomes are discussed with students at the beginning of each topic and reaffirmed by faculty at its conclusion. 2. Revised Bloom's Taxonomy: Learning outcomes, structured using Revised Bloom's Taxonomy, are integrated into lesson plans, delineating the expected knowledge, skills, and competencies. Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are prominently displayed on the university website alongside the curriculum, accessible to all stakeholders. 3. Tutorial Meetings: Students are briefed on POs, PSOs, COs, and

expected competencies during tutorial meetings, ensuring their awareness and alignment with learning objectives. 4. Departmental Displays: Departments and laboratories prominently display POs, PSOs, along with the departmental and institutional vision and mission, fostering a pervasive understanding of educational objectives. Through these strategies, the university ensures transparency, alignment, and engagement among stakeholders, fostering a conducive learning environment that meets the intended educational outcomes.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

VTU has embraced outcome-based education (OBE) to ensure the achievement of course outcomes (COs) and program outcomes (POs). Departments employ both direct and indirect assessment methods to measure attainment: Direct Assessment Tools: Internal tests, group discussions, laboratory performances, student projects, assignments, semester tests, and end-term theory results are utilized, with each assessment aligned with Bloom's taxonomy levels and assigned marks correlated with the COs they represent. COs are mapped to POs to calculate direct attainment. Indirect Assessment Methods: Surveys targeting students, teachers, parents, alumni, and employers assess POs attainment. In alignment with the NEP 2020, the curriculum incorporates skills, curricular, and co-curricular activities, sports, and social work, with plans to include their attainments in future evaluations. Feedback mechanisms by Boards of Studies aim to enhance curricula and teaching-learning processes within the OBE framework. Benchmarking is proposed based on previous academic performance and students' general proficiency levels to calculate attainments accurately. These strategies ensure rigorous evaluation and continuous improvement of educational outcomes.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.6.3 - Number of students passed during the year

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

the year

`1104`

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	**No File Uploaded**

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 web link)

https://vtu.ac.in/2-7-2/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

VTU, as a frontrunner in embracing the National Education Policy 2020, is undergoing a significant transformation from a teaching-centric to a teaching/research-centric institution. This shift is evident in the introduction of the B.Sc. (Hons) program, designed to be research-intensive, aligning with the university's vision. Investments in infrastructure underscore VTU's commitment to research excellence. With over 2 Crores spent on laboratory upgrades and acquisitions of books and journals exceeding 20 Crores, the university ensures state-of-the-art facilities and comprehensive resources for scholars. A proactive approach to staying abreast of global R&D is evident in VTU's policy framework. By regularly updating laboratory facilities, library collections, and e-resources based on international advancements, the university fosters an environment conducive to cutting-edge research. VTU's transparent research policy, accessible via its website, outlines various initiatives, including the Research Grant Scheme (RGS), providing faculty members with seed funding for their research endeavors. Moreover, the encouragement of exchange programs and collaborations at individual, departmental, and institutional levels further enhances research opportunities and academic partnerships. In essence, VTU's strategic initiatives underscore its commitment to fostering a vibrant research ecosystem, empowering faculty members, and nurturing innovation in line with the objectives of the National

Education Policy 2020.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	**No File Uploaded**

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

18

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

0.47

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

155.52

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

VTU has embraced the Ministry of Education's NationalInnovation and Startup Policy 2019 to foster entrepreneurship among students and faculty. Existing incubations like MySmartShala, TURTU, Brightbee, and DattamshLab receive support in the form of free space, furniture, and internet connectivity, nurturing a conducive environment for innovation on campus. To further cultivate an entrepreneurial spirit, VTU has introduced a new management program titled "Innovation, Entrepreneurship, and Venture Development," offering open electives accessible to engineering graduates. Faculty members are encouraged to engage with incubation centers as experts, while students are provided opportunities for internships, fostering hands-on learning experiences. VTU's initiatives extend beyond entrepreneurship to knowledge creation and transfer. Through the UNNAT BHARAT ABHIYAN, the university educates farmers in five adopted villages on efficient water management techniques, promoting sustainability practices like drip irrigation and rainwater harvesting. The establishment of an e-learning center underscores VTU's commitment to digital education, facilitating the development of e-content by academic and industry experts across various disciplines. Furthermore, VTU's publication unit, Prasaranga, publishes technical books in Kannada, ensuring the transfer of technical knowledge to a broader audience. This initiative enhances accessibility and promotes regional language proficiency in technical fields, contributing to the democratization of knowledge dissemination. VTU's holistic approach, encompassing entrepreneurship, knowledge creation, and community engagement, reflects its commitment to fostering innovation and societal development.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual

Property Rights (IPR), Entrepreneurship and Skill Development during the year

`12`

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

`12`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

`13`

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following   `A. All of the above`

1. **Inclusion of research ethics in the research methodology course work**
2. **Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)**
3. **Plagiarism check**
4. **Research Advisory Committee**

File Description	Documents
Upload relevant supporting document	[View File](#)

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

D. Any 1 of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

18

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

25

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

235

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

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

14

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

E. None of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
3641	**2177**

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
24	21

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

VTU's consultancy policy actively encourages faculty engagement and provides a structured framework for revenue sharing, outlining general rules, consultancy scope, and standard terms and conditions. Consultancy services cater to a diverse range of sectors, including industries, government departments, and international organizations. These services encompass feasibility studies, technological assessments, design evaluations, energy and environmental audits, product development, software creation, troubleshooting, and retrofitting exercises. In instances where consultancy is sought from socially relevant organizations, faculty and staff voluntarily provide their expertise without charging fees, supported by the university through provisions such as free transport and financial aid. Furthermore, VTU has developed a comprehensive suite of software to streamline both academic and administrative functions within the university. In line with promoting academic collaboration, consultancy services for these software solutions are extended to other universities, such as Bangalore University, at nominal charges. Regarding revenue sharing, VTU employs a structured model delineated as follows: For personal consultancy, the university retains 20% of the revenue, while faculty members receive 80%. Testing projects yield a 40% share for the university anda 60% share for the faculty. Corporate training initiatives result in a 20% share for the university and an 80% share for the faculty. This revenue-sharing model aims to incentivize faculty involvement in consultancy endeavors while ensuring equitable distribution of

proceeds between the university and individual consultants.
Revenue Sharing Model: Type of Consultancy University Share
Personal Consultancy Share Personal 20% 80% Testing projects 40%
60% Corporate training 20% 80%

File Description	Documents
Upload relevant supporting document	No File Uploaded

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

11.03

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Extension Activities in Neighboring Villages: VTU adopts
villages like Santi Bastwad and Peeranawadi for extension
activities, focusing on community development. Institutional
Social Responsibility Platforms: VTU establishes platforms like
NSS and YRC to fulfill its social responsibilities, engaging
students in various social issues. Programmes Organized: VTU
organizes diverse programmes including infrastructure
development in schools, health camps, blood donation drives,
career guidance, communication and personality development
sessions, flood rescue operations, tree plantation drives, and
gender awareness campaigns. Impact on Students: These activities
enhance students' understanding of societal issues, fostering
holistic development, leadership skills, nationalism, and
cooperation. Yoga and Meditation Programs: VTU conducts yoga and
meditation programs to promote unity, brotherhood,
sportsmanship, and better health among students. Skill
Development Centre: The skill development centre at Dandeli
offers career guidance and placement opportunities to rural
youth. Government-sponsored Initiatives: Students actively

participate in government-sponsored programs, such as voting drives, to strengthen democracy. Funding Support: VTU provides funding for organizing NSS and other extension activities in affiliated engineering colleges. Integration into Curriculum: Some activities are integrated into the curriculum, encouraging students to undertake socially relevant projects.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

4

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

17

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

864

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

12

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

32

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Visvesvaraya Technological University (VTU) ensures ample facilities across its four centers to support teaching, learning, administration, and residential needs for faculty, staff, and students. The infrastructure is complemented by resources for both curricular and co-curricular activities,

including sports. Here are key points regarding VTU's facilities: 1. Classrooms and Physical Facilities: VTU exceeds AICTE requirements with spacious classrooms and labs at all centers, equipped with modern amenities like LED displays, multimedia projectors, Smart boards, computers, WiFi, and internet access. Details are available in Table No.1. 2. Area: VTU possesses 436.33 acres of land across its centers, supporting its various activities. Location-wise area details areprovided in Table No.2. 3. Library: Knowledge resource centers in all campuses feature a partially automated library system using KOHA integrated software16.5 version. It has 15190 (11654+3536) project reports and 3427 (1140+2287) Ph.d Thesis. The library houses an extensive collection, including project reports and Ph.D. theses. Institutional memberships with Shodhganga and e-Shodhsindhu are also held, along with scanning and photocopying facilities. Refer to Table No.3 for specifics. 4. Laboratories: With 40 fully-equipped laboratories, VTU offers hands-on learning experiences for students. Details can be found in Table No.4. VTU's commitment to providing comprehensive facilities underscores its dedication to fostering a conducive environment for academic growth and holistic development.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

Sports Facilities: VTU provides ample sports facilities utilized by students and staff for preparing and participating in competitions at various levels, including inter-institute, inter university, state, national, and international level. Yoga and Meditation Center: A dedicated 560 sq. meter yoga and meditation center is established in the Belagavi main campus, offering daily classes in the morning and evening. International Yoga Day is celebrated to promote a healthy lifestyle among the university community. Cultural Activities: VTU hosts diverse cultural events such as youth festivals, NSS day, Women's day, Fresher day, Talent hunt, and Dance competitions, fostering student creativity. The Dr. APJ Abdul Kalam Auditorium in Belagavi and another auditorium in the Bengaluru Regional Office provide modern facilities for these activities and also similar cultural activities were held at other centres of the university.

Gymnasium: Well-equipped separate gymnasiums cater to both male and female students & staff for promoting physical fitness and well-being on the main campus of the University.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

4.1.3 - Availability of general campus facilities and overall ambience

Campus Infrastructure: VTU's campuses offer a peaceful environment with adequate greenery and well-maintained internal roads, providing a conducive atmosphere for learning and working. Residential Quarters: The campus has adequate residential quarters for the Teaching and Non-teaching Staff and Vice Chancellor, statutory officers, ensuring convenient accommodation in the university. Transportation Facilities: VTU provides its own transportation services, including electric passenger vehicles and goods vehicles, facilitating staff commutes within the campus and official travel, including outside transportation facilities for the university staff from Belagavi City to the university campus. Health and Recreational Facilities: A well-equipped primary health center, guest house, sports complex, canteen, and mess facilities are available on campus, prioritizing the well-being and recreational needs of students and staff. Additional Amenities: The main campus in Belagavi hosts essential services such as a bank, post office, ATM, shops, and cafeteria, offering convenience to the university community and also other centres of the university. Green Initiatives: VTU is committed to environmental sustainability, evident through initiatives like tree planting, maintaining gardens with medicinal plants, energy conservation, water harvesting, and waste management, contributing to a greener and healthier campus environment.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

3749.45435

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Year Software Used Version Up to 2015-16 Libsys 7 2016-17 to2021-22 Koha 16.5 Library Automation at VTU: Software Used: Koha Integrated Library Software Nature of Automation: Partial Version: 16.5 Year of Automation: 2009The VTU Library operates with Koha open-source library automation software-version 16.5. While the automation process began in 2009, it was further enhanced with the adoption of Koha from 2016-17 onwards. This system facilitates cataloging, searching, member/patron management, acquisitions, an efficient issue and return system. Despite being partially automated, the Koha software significantly improves library services, ensuring smoother operations and better access to resources for students, faculty, and researchers. As the library continues to evolve, VTU remains committed to further leveraging technology to enhance its services and support its academic community effectively

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

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

1444.48617

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

60

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

78

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

VTU maintains a clear and comprehensive Information Technology policy, guiding the adoption and utilization of technology across the university. Adoption of Technologies: The university consistently embraces technological advancements, ensuring the delivery of IT-enabled services to all stakeholders. Infrastructure Guidelines: The policy outlines guidelines for the use and maintenance of IT infrastructure, encompassing the main campus, regional centers, and constituent colleges. Budgetary Provision: VTU allocates appropriate budgetary provisions to support the expansion and updating of IT facilities, including the implementation of WiFi connectivity. Vision and Mission Statement: Vision: To establish a state-of-the-art IT infrastructure and ensure all university content and services are IT- enabled. Mission: Regular enhancement of IT infrastructure to maintain technological leadership. Compliance with legal standards for software systems and applications.

Provision of secure and reliable IT infrastructure to facilitate information dissemination. With a commitment to technological advancement and adherence to legal standards, VTU ensures the availability of state-of-the- art IT infrastructure to support various university functions effectively.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
3553	**1456**

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)
Upload the data template	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

144488399

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[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.

Facility Responsible Department IT Infrastructure Project Management Cell Classrooms, Laboratories, Workshops Departments Library Library Department Transportation, Guest House, Quarters, Campus Maintenance, Housekeeping, Construction, Civil and Electrical Works and Repairs Engineering SectionSports Facilities Sports Section Facility Management Procedures: 1. Assignment of Responsibilities: Each facility is assigned to a specific department based on its nature. 2. Interdepartmental Cooperation: Departments extend cooperation to ensure smooth maintenance and utilization of facilities. 3. Procurement Process: 4. Purchase of requirements is processed by the Stores and Purchase department, adhering to the KTPP Act . Compliance and Approval: All processes are carried out with appropriate approvals and in accordance with the University and State Government regulations. VTU ensures effective facility management through streamlined procedures and interdepartmental cooperation, ensuring that all facilities are well-maintained and utilized for the benefit of students, faculty, and staff.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

336

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

217

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation 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

- **All of the above**

File Description	Documents
Upload relevant supporting document	[View File](#)

5.2 - Student Progression

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

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT GRE/ TOEFL/Civil Services/State government examinations) during the year

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	**No File Uploaded**

5.2.2 - Total number of placement of outgoing students during the year

98

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

3

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

The student council at VTU plays a pivotal role in promoting student participation in diverse academic, cultural, and extracurricular activities, fostering holistic development and enriching the university experience. Student Participation Areas : Hostel Management Students are involved in various aspects of hostel management, ensuring a conducive living environment for their peers.,Volunteers for Major Events Students volunteer during significant events like convocations and other major university functions to assist with logistics. Organizing Seminars/Workshops Participation in organizing academic events fosters leadership skills and enhances organizational capabilities.Public Functions/Cultural Activities/Sports/Debates Engagement in diverse activities promotes holistic development and nurtures talents beyond academics. Representation at Competitions Students represent the university at various competitions, showcasing their skills and bringing laurels to theinstitution.

Feedback Mechanism Providing feedback on teaching-learning processes and departmental activities contributes to continuous improvement.

Grievance Redressal Students have a platform to register grievances and interact freely with faculty members, fostering a supportive environment.

Curriculum Suggestions/Complaints Students can suggest improvements or raise complaints regarding curriculum, support services, and other requirements. Committee Membership Students serve on disciplinary, anti-ragging, and other committees, contributing to maintaining a conducive campus environment.

Co-curricular/Extracurricular Activities Planning and executing various activities under faculty guidance develop leadership and teamwork skills. Participation in Student Clubs/Associations Involvement in clubs and associations allows students to pursue their interests and engage in community-building activities.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

VTU Alumni Association: The association aims to unite alumni, foster loyalty, and promote academic and professional engagement with the institution. Registered under the Society Registration Act on 25th February 2021, with by-laws framed for governance. Four chapters established at Belagavi, Kalaburgi, Muddenhalli, and Mysuru, corresponding to the university's regional centers. Chapters operational, facilitating better connection between alumni and the university, with approximately 1500 registered members. Contributions of Members: Providing feedback on curriculum and the teachinglearning process. Bridging the gap between industry and academia, offering insights on changing industry trends. Conducting guest lectures for current students and mentoring them. Alumni Engagement Activities: Regular alumni meets organized to strengthen social ties and establish networks. Sharing expertise knowledge with current students, providing guidance in projects and internships. Alumni involvement envisaged in providing placement support and participating in research activities. The VTU Alumni Association serves as a platform for alumni to remain connected with their alma mater, contribute to its growth, and support current students in their academic and professional endeavors.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **E. <1Lakhs**

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The university's mission is the commitment to impart knowledge that not only upholds ethical principles but also meets the evolving needs of society. Guided by the visionary leadership of the Vice-Chancellor and supported by the Dean, the institution continuously shapes policies to propel technological advancement, ensuring it remains a trailblazer in academic innovation. Collaborative efforts from the Executive Council and Academic Senate serve as the cornerstone of institutional progress, while statutory officers such as the Registrar and Finance Officer meticulously oversee vital administrative functions. An array of committees plays a crucial role in upholding effective governance: Academic committees, such as the Academic Senate and Joint Board of Studies, maintain a vigilant watch over academic standards and facilitate ongoing enhancements to academic programs. Administrative bodies, including the Executive Council and Grievance Redressed Committee, adeptly manage institutional affairs and provide platforms for addressing concerns raised by stakeholders. Finance-related committees, like the Finance Committee and Purchase Committee, ensure the judicious allocation of budgets and oversee financial operations with a focus ontransparency and efficiency.Through the orchestration of these structured frameworks, theuniversity upholds a comprehensive governance model that tirelessly pursues academic excellence and resonates with the broader societal context.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

The university adopts a decentralized and participative approach to administration, facilitated by various bodies and committees. Here's an overview: 1. Key Administrative Bodies: Office of the Vice-Chancellor Executive Council Academic Senate 2. Academic Departments Management: Eight academic departments Each department overseen by a Chairperson and Department Council 3. Quality Assurance and Monitoring: Internal Quality Assurance Cell (IQAC) led by a Director under the Vice-Chancellor Statutory Officers overseeing Academic Affairs, Examination, and Finance 4. Regional Offices and Sections: Led by competent individuals operating within the university's framework 5. Grievance Redressal Mechanisms: Committees addressing harassment and abuse, ensuring a safe environment Anti-Ragging Committee composed of Chairpersons, faculty, and hostel wardens 6. Continuous Improvement Efforts: Feedback from stakeholders informs improvement

initiatives Adherence to UGC/AICTE norms and KCSRs ensures compliance with regulatory standards and service rules This decentralized structure ensures efficient administration and governance, fostering a safe and supportive environment while promoting continuous improvement aligned with regulatory standards.

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

UNIVERSITY PREPARES 1. Strategic Planning Process: Alignment with university vision and mission ensures a clear direction. Incorporation of stakeholder and industry feedback fosters inclusivity and relevance. Analysis of current human resource trends and skill requirements ensures adaptability and competitiveness. 2. Execution through Academic and Administrative Sections: Implementation of policies in areas such as research, consultancy, IT, and IPR drives innovation and efficiency. Effective management of regional centers and affiliated colleges expands outreach and impact. 3. Strategic Initiatives: Examination reforms, including Online QPDS and digital evaluation, enhance efficiency and transparency. Digitization of the Ph.D. program streamlines processes and enhances academic rigor. 4. Budgetary Allocation: Advance

planning involving all units ensures resources are strategically allocated. Allocation for strategic plan execution ensures the realization of goals and objectives. 5. Equity and Inclusion: Consideration of regional diversity, gender, and social requirements promotes fairness andinclusivity.Budgetary allocation reflects equity concerns, ensuring resources are distributed equitably. 6. Alignment with National Policies: Development in accordance with NEP 2020 and ICT policy, including e-learning, demonstrates responsiveness to national priorities and standards. The university's strategic planning process is comprehensive and forward-thinking, driven by a commitment to excellence, equity, and relevance in higher education.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The University operates within the framework established by its Act and Statutes. The Chancellor, His Excellency the Governor of the state, and the Pro Vice Chancellor, the Hon'ble Minister for Higher Education, play pivotal roles in governance. The Hon'ble Vice Chancellor acts as the policy executive, with support from key officers including the Registrar, Registrar Evaluation, and Finance Officer, who execute universitypolicies. The Dean, Academic Senate, and Executive Council aid in policy formulation. Decision-making involves bodies such as the Joint Board of Studies, Board of Studies, and Board of Examination. Administrative functions are overseen by the Registrar, with Registrar (Evaluation) responsible for examination-related activities. The Finance Officer heads the finance section, supported by committees like the Finance Committee. Infrastructure needs are managed by the Resident Engineer's office. Various officers, directors, and department heads operate under authority directives. The university maintains a well-defined organizational structure, guided by Departmental Councils. Appointment procedures for staff adhere to university and state government regulations, following the Karnataka Civil Services Rules (KCSR) for employee matters.

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

A. All of the above

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

University encourages career development for teaching and non-teaching staff through higher studies, training programs, seminars, symposiums, and workshops. Performance appraisal system and career advancement scheme are in place for evaluating and enhancing individual performance. State Technical University provides comprehensive employee welfare benefits including campus housing with amenities like sports facilities, gym, recreation areas, children's parks, ATM, bank, post office, clinic, and guest house. Employees benefit from schemes like GPF-cum-Gratuity-cum- Pension Scheme or National Pension Scheme, leave encashment, group insurance, medical reimbursement-cum-health scheme, and statutory social security schemes such as LTC and maternity benefits. Non-teaching domestic staff receive two sets of uniforms annually, and bus facilities are available for school- going students at concessional rates. Mentorship and counseling center is established for providing support to those in need.Cash awards are granted to employees' wards achieving 80% or above in SSC and PUC examinations. The university offers a day care center for employees' children, supporting working parents. Career advancement scheme specifically tailored for teachers enhances professional growth opportunities.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

21

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total 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)

36

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The University meticulously plans the mobilization and utilization of funds and resources in accordance with the provisions of the VTU Act 1994. Resources are generated through various means: 1. Student and college fees, grants from state and central governments, commissions, and councils. 2. Affiliation fees, processing fees, inspection fees, migration fees, and program/course equivalence fees. 3. Examination-related fees such as exam fees, revaluationcharges, and convocation fees. 4. Sports and sports development fees, grants for NSS, NCC, e-learning, and consultancy services. 5. Donations

from industries, institutions, private, andpublic organizations. 6. Fees from conducting FDPs, conferences, workshops, etc. 7. Interest earned from investments in banks and other organizations. 8. Fees collected through skill development programs. 9. Income from staff quarters and guesthouses. 10. Revenue generated from rented buildings. 11. Outsourcing of indoor and outdoor sports complexes. 12. Hostel and transport fees collected from students. The Finance Committee convenes at least twice a year to formulate a strategic plan for resource mobilization and utilization. These resources are then allocated for various purposes, including staff salaries, infrastructure development, research facilities, maintenance, and conducting conferences, seminars, workshops, and examination-related expenses.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

6.4.4 - Institution conducts internal and external financial audits regularly

The University adheres to strict guidelines for both internal and external financial audits. The Finance Officer, deputed from the Karnataka State Audit and Accounts Department, oversees all

financial transactions of the University. The account section is closely monitored to ensure compliance with various criteria: Expenditure is incurred in accordance with established guidelines and procedures. Due diligence is exercised in procurement processes. Funds are utilized as per budgetary provisions. Strong internal controls and systems are in place forexpenditure.Applicable statutory requirements are complied with.Approval and payment procedures are followed. Proper records and documentation are maintained securely. Discrepancies/suggestions from previous audit reports are addressed. Certain transactions undergo audits by the Karnataka Institute of Public Auditors, while the additional director of the regional office of the Karnataka State Audit and Accounts Department conducts audits of the University. Compliance reports are submitted to the Secretary of the Department of Higher Education, Government of Karnataka, with copies provided to the additional director of the Audit Department, as mandatedby the VTU Act 1994.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The Internal Quality Assurance Cell (IQAC) of the University formulates strategies to ensure quality assurance and monitoring in accordance with the norms of UGC, AICTE, the State Government, and other statutory bodies. It oversees the revision of syllabi for undergraduate and postgraduate programs, incorporating feedback from various stakeholders such as students, alumni, industry, research organizations, and parents. The curriculum emphasizes industry-driven courses, hands-on training, workshops, internships, and interdisciplinary studies. Guest lectures by experts and industry leaders are organized to enrich knowledge, while teaching methodologies include classroom sessions, tutorials, case studies, and group discussions. Both students and faculty are encouraged to undertake innovative projects leading to publications and patent creations, facilitated by the establishment of an IPR cell. The IQAC continuously reviews the teaching-learning processes, and

learning outcomes are periodically evaluated. Faculty members are encouraged to participate in various academic programs such as short-term courses, training sessions, conferences, seminars,and workshops conducted by premier institutions to enhance their knowledge and skills. Additionally, the IQAC actively engages in understanding academic requirements through participation in accreditation and institution ranking procedures.

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 4 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting documment	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

The University has actively solicited feedback from various sectors to refine its curriculum framework. Integrated and interdisciplinary courses have been introduced to apply theoretical knowledge to practical projects. Degrees are awarded with major and honors distinctions, incorporating Bloom's Taxonomy into each course. Clear program outcomes, course outcomes, and learning objectives are defined, with credits from online courses now mandatory. The University hosts project exhibitions to showcase research trends and has partnered with industries through initiatives like i-Nec. Robust software manages examination processes and online certificate delivery,

with in-house software for administrative tasks. Rural education efforts include the Jnana-ratha initiative. New buildings are being constructed to meet growing academic and administrative needs. Financial transactions are predominantly conducted through software platforms.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

Measures initiated taken by VTU for the promotion of gender equity during 2022-2023

Safety and Security: Implementation of hi-tech surveillance system with esurveillance and high-resolution cameras. Establishment of separate hostels for boys and girls with monitored student behaviour.Deployment of security personnel throughout the campus. Medical Facilities: Operation of Charakha Health Centre with qualified medical staff available round the clock, including ambulance services.

Counselling: Faculty-led mentoring programs to promote social, moral, and gender awareness among students, along with academic monitoring. Girls Common Room: Creation of a separate common room for girls equipped withindoor games, a first aid box, and access to newspapers. Ladies Gymnasium Facility: Provision of gymnasium facilities for women at the Belagavi Sports Complex. Day Care Centre for Young Children: Ongoing establishment of a day care center for young children.These initiatives underscore VTU's commitment to fostering a safe, inclusive, and gender-sensitive environment on campus, ensuring the well-being and empowerment of all students, regardless of gender.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Annual gender sensitization action plan(s)	**Nil**
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	**Nil**

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

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	[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

Facilities for Waste Management at VTU Campus: 1. Solid Waste Management: Systematic collection of wet and dry waste from residential quarters and offices. Collection trolleys transport waste to specified pitslocated away from living and academic areas. Wet waste is utilized for gardening purposes within the campus. 1. Liquid Waste Management: Separate chambers and pipelines collect liquid waste.Waste is directed to the Sewage Treatment Plant (STP) through an Underground Drainage (UGD) system with a capacity of 200 KLD. Treated water from the STP is used for gardening, promoting sustainable water usage. 1. E-Waste Management: Compliance with norms set by the Karnataka State Pollution Control Board for ewaste management. University adopts procedures and practices mandated by regulatory authorities. 1. Waste Recycling System: Solid and liquid waste undergo further treatment within the campus. Treated water from the STP is recycled for gardening, minimizing water wastage.

These waste management initiatives demonstrate the University's commitment to environmental sustainability and responsible resource utilization. By implementing effective waste segregation, treatment, and recycling systems, the institution strives to minimize its environmental footprint and promote acleaner, greener campus environment.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Upload relevant supporting document	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and

A. Any 4 or all of the above

harness energy are confirmed through the following:

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

File Description	Documents
Upload relevant supporting document	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

VTU endeavors to create an inclusive environment by spearheading various initiatives aimed at celebrating diversity and fostering harmony among students and faculty members from diverse backgrounds. Through the celebration of National Festivals, NSS activities, and an annual cultural fest, VTU provides a platform for individuals with varied cultural, regional, linguistic, and socioeconomic backgrounds to come together, fostering mutual understanding and tolerance. Moreover, the integration of the Constitution of India and professional ethics into the

curriculum for all B.E. students underscores the university's commitment to promoting values of equality and ethical conduct among its student body. Additionally, the annual convocation ceremony serves as a pivotal event where distinguished chief guests deliver addresses aimed at inspiring and motivating students towards excellence. VTU also ensures that all significant days marking important events are commemorated each year, involving teaching and non-teaching staff along with students in these celebrations for the greater cause of the nation. By actively engaging in these initiatives, VTU strives to cultivate a campus culture where individuals from diverse backgrounds feel welcomed, respected, and valued. Through these collective efforts, the university aims to nurture an inclusive community that embraces differences and fosters a sense of belonging among its members.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

VTU arranges a variety of activities to educate students and staff about constitutional obligations, including citizens' values, rights, duties, and responsibilities. VTU's Belagavi campus commemorated Constitution Day by welcoming constitutional experts. He informed all current VTU workers about the authority that the constitution bestows on the common man, as well as the need of raising public awareness about the rights and obligations to which all citizens must adhere. Our constitution guarantees human dignity, equality, social justice, human rights, and freedom, as well as the rule of law. VTU curriculum has a course on the Constitution of India at Degree level across all engineering disciplines to create awareness and sensitize the students and employees about constitution obligation. As a part of strengthening the democratic values. Professor Mr. Anil S. Pol is continue as ELC Coordinator under his guidance, Electoral Literacy Club and voters awareness forum are created to literate the students and the general public about the Democracy. A voters pledge programme was organized for students and faculties at VTU, Belagavi. The national Voters day, University level essay competition both in Kannada and English, was organized. The student Manual of the university also focuses on duties and responsibilities.

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 Annual awareness programmes on Code of Conduct are organized

Any 3 of the above

File Description	Documents
Upload relevant supporting document	[View File]()

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

VTU is committed to promote ethics and values amongst students and faculty. The University organises National festivals as well as Anniversaries of the great Indian personalities which include. Each National and International commemorative days are celebrated in the institution. A talk from distinguish personality was arranged and staff, students attended the same and new insights where shared to enhance the awareness and significance of each days. Yoga day was celebrated and students and teachers were participated in Yoga and teacher of yoga explains the importance of each of ASANAS. VTU has embarked on green journey and Go green initiative was undertaken to commemorate world environment day. Cultural programs pertaining to the state's rich heritage were at display and saw wide participation from employees and their families. NSS Day was celebrated by the students and staff , social initiative in the nea by village was undertaken spearheaded by the students.

Date Commemorative days 1st November Kannada Rojyotsava 2nd October Gandhi Jayanti 5th Sept. Engineers Day 21st June International Yoga day 8th March International Women's Day 26th Jan Republic Day 15th August Independence Day 5th June World Environment Day 1St April Azadi ki Amrut Mahotsav

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

Visvesvaraya Technological University (VTU), located in Belagavi, Karnataka, is a leading State Technical University catering to over 200 institutions across the state. Its primary goal is to provide premier technical education focused on industry needs, blending theoretical and practical knowledge to enhance the quality of its graduates for both the job market and research endeavors. Aligned with the National Education Policy (NEP) of 2020, VTU emphasizes Outcome Based Education (OBE) to meet graduate attributes. The university has established a robust framework, including a Board of Studies (BOS) with representatives from academia and industry, to ensure the curriculum meets Course Outcomes (COs) through continuous assessment. Recognizing Karnataka's prominence in various industries such as Information Technology, Aerospace, and Management consultancies, VTU offers programs designed to meet local, national, regional, and global standards. Here's a table summarizing the relevance of some of VTU's programs: Programmes Relevance VLSI Design and Embedded Systems Global and National Water and Land Management National and Regional Nanotechnology Global, NationalAerospace Engineering Global, National Product Design and manufacturing National, Regional and Local Computer Science & Engineering Global, National, Regional and Local Master of Business Management Global, National, Regional and Local Furthermore, VTU emphasizes enhancing employability and entrepreneurial skills through mandatory internships and projects aligned with students' specializations. The university supports students' growth through dedicated Entrepreneurship Development and Placement Cells, nurturing excellence in their academic and professional pursuits.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

494

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

386

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

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

38

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	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

The university integrates cross-cutting issues pertinent to environment and sustainability, human values, and professional ethics into the curriculum, ensuring a holistic educational experience. The Water and Land Management program offers sustainable solutions to water, soil, and environmental challenges, with courses like surface water hydrology and groundwater hydrology focusing on resource conservation and management. Courses such as design of hydraulic structures and optimization techniques contribute to sustainable resource management, considering gender aspects for inclusive solutions. Curriculum components emphasize the prevention of pollution and conservation of environmental resources, fostering responsible stewardship among students. In management studies, topics like ethical management, leadership, and social responsibility of marketing equip students with ethical decision-making skills and awareness of sustainability. Mandatory courses like Research Methodology and IPR instill fundamental ethical principles in research activities and educate students on intellectual property rights and their business implications. The Women Cell's participation as co-organizer for the IEEE Conference for Women in Innovation, Technology, and Entrepreneurship underscores the university's commitment to gender inclusivity and empowerment. Through such initiatives, students gain insights into ethics, sustainability, social responsibility, and environmental stewardship, preparing them for responsibleleadership roles in their respective fields.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

323

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

394

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni	• All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows	• Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

12113

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

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

3108

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

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

VTU assesses learning levels of students at the time of commencement of the programme. Students are identified as slow/advanced learners based on their performance in prerequisite. Advanced/ slow learners are made to interact with assigned mentors. Strategies for slow learners: Remedial Classes are conducted to improve the academic performance of the slow learners, absentees, and students who participate in sports, co-curricular activities, etc. This has helped them

to improve their performance and catch up with their peers. Group Study System is encouraged to help the advanced learners. University promotes Peer learning by motivating advanced learners to help slow learners. Continuous monitoring of academic performance and special education needs are identified by mentors. Strategies for advanced learners: Advanced learners are encouraged to enroll in MOOC Courses – Swayam. Under UG programs, they are given the provision of attaining Minor and Honor's degrees. Value-added courses are also provided both at UG and PG level. Advanced learners are also initiated into Research by giving opportunities to be a part of Research projects, which may lead to publication. They are given the provision of enrolling in integrated programs (PG and Ph. D) as per NEP 2020.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link For Additional Information	**Nil**

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
3553	**215**

File Description	Documents
Upload relevant supporting document	[View File](#)

2.3 - Teaching- Learning Process

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

The University prioritizes student-centric methods to bolster student engagement, emphasizing participative learning and problem-solving. Various approaches include project work, field visits, industrial visits, guest lectures, role plays, teamwork, debates, seminars, quizzes, and case studies. Students actively participate in these activities to enhance their learning experience. 1. Experiential Learning: Through project work, competitions, field and industrial visits, and

guest lectures, students gain practical insights and real-world exposure, enriching their educational journey. 2. Participative Learning: Role plays, teamwork, debates, and group work foster collaboration, communication, and critical thinking skills among students, promoting an interactive learning environment. 3. Problem-Solving Methodology: Case studies, analysis, reasoning, discussions, quizzes, and research activities empower students to develop analytical abilities, problem- solving skills, and a deeper understanding of subjects. Encouraging students to present in class enhances teaching effectiveness by promoting active engagement and knowledge dissemination. These student-centric approaches nurture holistic development, preparing students for academic and professional success.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

VTU, as a technical university, emphasizes the extensive utilization of ICT-enabled tools for an enhanced teaching and learning experience. All faculty members across campuses leverage ICT tools such as LCD projectors, video conferencing, Apple tabs, A-view, Google Quiz, MOOCs, and e-learning technologies. The infrastructure includes leased lines, multimedia projectors, public address systems, document cameras, computers, desktops, laptops, Wi-Fi, LAN-connected systems, and iPads. All classrooms across Belagavi, Muddenhalli, Kalaburgi, and Mysuru campuses are equipped with ICT facilities. An e-learning center in Mysuru is equipped with recording and transmission capabilities, meeting students' learning needs. This center develops e-learning content, conducts research, and facilitates EDUSAT-based live lecture transmissions. Over 5000 live hours have been delivered to date, with approximately 500 subject experts from VTU-affiliated colleges and PG centers contributing to academic lectures. The university also organizes special lectures and technical talks by inviting industry experts, enriching students' learning experiences with real-world insights and expertise.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

137

File Description	Documents
Upload relevant supporting document	[View File](#)

2.4 - Teacher Profile and Quality

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

215

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

7

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

10

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

9

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

55

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

55

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

00

File Description	Documents
Upload relevant supporting document	[View File](#)

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The university implements IT integration in examination procedures using in-house developed software. Reforms also cover continuous internal evaluation methods, improving system functionality. Processes include: Online filing of student details and examination forms, including hall ticket generation. Colleges submit examination data online, such as attendance, CIE marks, and practical marks. Online systems facilitate QPDS, answer script digitization, digital valuation, and external mark submission. PG program thesis evaluations, including plagiarism checks, are conducted online. Results are declared through the university website. Application submissions for revaluation and photocopy are processed online. Automatic delivery of photocopies to students via email. Examination documents like PDCs and transcripts are delivered online, ensuring accessibility and security. All issued documents by the examination section have security features, with mandatory documents accessible on the NAD portal. Research program processes, including M.Sc. (Engg.) by research/Ph.D., are fully automated from registration to transfer to the "Shodhaganga Portal".

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.5.4 - Status of automation of Examination division along with approved Examination Manual	A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The University emphasizes clearly defined learning outcomes and graduate attributes, ensuring effective communication to all stakeholders through various mechanisms: 1. Syllabi Availability: Syllabi are readily accessible in departments

for students and faculty, facilitating reference. Learning outcomes are discussed with students at the beginning of each topic and reaffirmed by faculty at its conclusion. 2. Revised Bloom's Taxonomy: Learning outcomes, structured using Revised Bloom's Taxonomy, are integrated into lesson plans, delineating the expected knowledge, skills, and competencies. Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) are prominently displayed on the university website alongside the curriculum, accessible to all stakeholders. 3. Tutorial Meetings: Students are briefed on POs, PSOs, COs, and expected competencies during tutorial meetings, ensuring their awareness and alignment with learning objectives. 4. Departmental Displays: Departments and laboratories prominently display POs, PSOs, along with the departmental and institutional vision and mission, fostering a pervasive understanding of educational objectives. Through these strategies, the university ensures transparency, alignment, and engagement among stakeholders, fostering a conducive learning environment that meets the intended educational outcomes.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

VTU has embraced outcome-based education (OBE) to ensure the achievement of course outcomes (COs) and program outcomes (POs). Departments employ both direct and indirect assessment methods to measure attainment: Direct Assessment Tools: Internal tests, group discussions, laboratory performances, student projects, assignments, semester tests, and end-term theory results are utilized, with each assessment aligned with Bloom's taxonomy levels and assigned marks correlated with the COs they represent. COs are mapped to POs to calculate direct attainment. Indirect Assessment Methods: Surveys targeting students, teachers, parents, alumni, and employers assess POs attainment. In alignment with the NEP 2020, the curriculum incorporates skills, curricular, and co-curricular activities, sports, and social work, with plans to include their attainments in future evaluations. Feedback mechanisms by Boards of Studies aim to enhance curricula and teaching-learning processes within the OBE framework. Benchmarking is proposed based on previous academic

performance and students' general proficiency levels to calculate attainments accurately. These strategies ensure rigorous evaluation and continuous improvement of educational outcomes.

File Description	Documents
Upload relevant supporting document	No File Uploaded

2.6.3 - Number of students passed during the year

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

1104

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

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 web link)

https://vtu.ac.in/2-7-2/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

VTU, as a frontrunner in embracing the National Education Policy 2020, is undergoing a significant transformation from a teaching-centric to a teaching/research-centric institution. This shift is evident in the introduction of the B.Sc. (Hons) program, designed to be research-intensive, aligning with the university's vision. Investments in infrastructure underscore VTU's commitment to research excellence. With over 2 Crores spent on laboratory upgrades and acquisitions of books and journals exceeding 20 Crores, the university ensures state-of-the-art facilities and comprehensive resources for scholars. A proactive approach to

staying abreast of global R&D is evident in VTU's policy framework. By regularly updating laboratory facilities, library collections, and e-resources based on international advancements, the university fosters an environment conducive to cutting-edge research. VTU's transparent research policy, accessible via its website, outlines various initiatives, including the Research Grant Scheme (RGS), providing faculty members with seed funding for their research endeavors. Moreover, the encouragement of exchange programs and collaborations at individual, departmental, and institutional levels further enhances research opportunities and academic partnerships. In essence, VTU's strategic initiatives underscore its commitment to fostering a vibrant research ecosystem, empowering faculty members, and nurturing innovation in line with the objectives of the National Education Policy 2020.

File Description	Documents
Upload relevant supporting document	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

`A. Any 4 or more of the above`

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

`0`

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

`0.47`

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

155.52

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

5

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

VTU has embraced the Ministry of Education's NationalInnovation and Startup Policy 2019 to foster entrepreneurship among students and faculty. Existing incubations like MySmartShala, TURTU, Brightbee, and DattamshLab receive support in the form of free space, furniture, and internet connectivity, nurturing a conducive environment for innovation on campus. To further cultivate an entrepreneurial spirit, VTU has introduced a new management program titled "Innovation, Entrepreneurship, and Venture Development," offering open electives accessible to engineering graduates. Faculty members are encouraged to engage with incubation centers as experts, while students are provided opportunities for internships, fostering hands-on learning experiences. VTU's initiatives extend beyond entrepreneurship to knowledge creation and transfer. Through the UNNAT BHARAT ABHIYAN, the university educates farmers in five adopted villages on efficient water management techniques, promoting sustainability practices like drip irrigation and rainwater harvesting. The establishment of an e-learning center underscores VTU's commitment to digital education, facilitating the development of e-content by academic and industry experts across various disciplines. Furthermore, VTU's publication unit, Prasaranga, publishes

technical books in Kannada, ensuring the transfer of technical knowledge to a broader audience. This initiative enhances accessibility and promotes regional language proficiency in technical fields, contributing to the democratization of knowledge dissemination. VTU's holistic approach, encompassing entrepreneurship, knowledge creation, and community engagement, reflects its commitment to fostering innovation and societal development.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

12

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

12

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

13

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following 1. Inclusion of research ethics in the research methodology course work 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc) 3. Plagiarism check 4. Research Advisory Committee	A. All of the above

File Description	Documents
Upload relevant supporting document	View File

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website	D. Any 1 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

18

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

25

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

235

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

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

14

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS	E. None of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
3641	2177

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
24	21

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

VTU's consultancy policy actively encourages faculty engagement and provides a structured framework for revenue sharing, outlining general rules, consultancy scope, and standard terms and conditions. Consultancy services cater to a diverse range of sectors, including industries, government departments, and international organizations. These services encompass feasibility studies, technological assessments, design evaluations, energy and environmental audits, product development, software creation, troubleshooting, and retrofitting exercises. In instances where consultancy is sought from socially relevant organizations, faculty and staff voluntarily provide their expertise without charging fees, supported by the university through provisions such as free transport and financial aid. Furthermore, VTU has

developed a comprehensive suite of software to streamline both academic and administrative functions within the university. In line with promoting academic collaboration, consultancy services for these software solutions are extended to other universities, such as Bangalore University, at nominal charges. Regarding revenue sharing, VTU employs a structured model delineated as follows: For personal consultancy, the university retains 20% of the revenue, while faculty members receive 80%. Testing projects yield a 40% share for the university anda 60% share for the faculty. Corporate training initiatives result in a 20% share for the university and an 80% share for the faculty. This revenue-sharing model aims to incentivize faculty involvement in consultancy endeavors while ensuring equitable distribution of proceeds between the university and individual consultants. Revenue Sharing Model: Type of Consultancy University Share Personal Consultancy Share Personal 20% 80% Testing projects 40% 60% Corporate training 20% 80%

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

11.03

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Extension Activities in Neighboring Villages: VTU adopts villages like Santi Bastwad and Peeranawadi for extension activities, focusing on community development. Institutional Social Responsibility Platforms: VTU establishes platforms like NSS and YRC to fulfill its social responsibilities,

engaging students in various social issues. Programmes Organized: VTU organizes diverse programmes including infrastructure development in schools, health camps, blood donation drives, career guidance, communication and personality development sessions, flood rescue operations, tree plantation drives, and gender awareness campaigns. Impact on Students: These activities enhance students' understanding of societal issues, fostering holistic development, leadership skills, nationalism, and cooperation. Yoga and Meditation Programs: VTU conducts yoga and meditation programs to promote unity, brotherhood, sportsmanship, and better health among students. Skill Development Centre: The skill development centre at Dandeli offers career guidance and placement opportunities to rural youth. Government-sponsored Initiatives: Students actively participate in government-sponsored programs, such as voting drives, to strengthen democracy. Funding Support: VTU provides funding for organizing NSS and other extension activities in affiliated engineering colleges. Integration into Curriculum: Some activities are integrated into the curriculum, encouraging students to undertake socially relevant projects.

File Description	Documents
Upload relevant supporting document	No File Uploaded

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

4

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

17	

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

864

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

32

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES
4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

Visvesvaraya Technological University (VTU) ensures ample facilities across its four centers to support teaching, learning, administration, and residential needs for faculty, staff, and students. The infrastructure is complemented by resources for both curricular and co-curricular activities, including sports. Here are key points regarding VTU's facilities: 1. Classrooms and Physical Facilities: VTU exceeds AICTE requirements with spacious classrooms and labs at all centers, equipped with modern amenities like LED displays, multimedia projectors, Smart boards, computers, WiFi, and internet access. Details are available in Table No.1. 2. Area: VTU possesses 436.33 acres of land across its centers, supporting its various activities. Location-wise area details areprovided in Table No.2. 3. Library: Knowledge resource centers in all campuses feature a partially automated library system using KOHA integrated software16.5 version. It has 15190 (11654+3536) project reports and 3427 (1140+2287) Ph.d Thesis. The library houses an extensive collection, including project reports and Ph.D. theses. Institutional memberships with Shodhganga and e-Shodhsindhu are also held, along with scanning and photocopying facilities. Refer to Table No.3 for specifics. 4. Laboratories: With 40 fully-equipped laboratories, VTU offers hands-on learning experiences for students. Details can be found in Table No.4. VTU's commitment to providing comprehensive facilities underscores its dedication to fostering a conducive environment for academic growth and holistic development.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

Sports Facilities: VTU provides ample sports facilities utilized by students and staff for preparing and participating in competitions at various levels, including inter-institute, inter university, state, national, and

international level. Yoga and Meditation Center: A dedicated 560 sq. meter yoga and meditation center is established in the Belagavi main campus, offering daily classes in the morning and evening. International Yoga Day is celebrated to promote a healthy lifestyle among the university community. Cultural Activities: VTU hosts diverse cultural events such as youth festivals, NSS day, Women's day, Fresher day, Talent hunt, and Dance competitions, fostering student creativity. The Dr. APJ Abdul Kalam Auditorium in Belagavi and another auditorium in the Bengaluru Regional Office provide modern facilities for these activities and also similar cultural activities were held at other centres of the university.

Gymnasium: Well-equipped separate gymnasiums cater to both male and female students & staff for promoting physical fitness and well-being on the main campus of the University.

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.1.3 - Availability of general campus facilities and overall ambience

Campus Infrastructure: VTU's campuses offer a peaceful environment with adequate greenery and well-maintained internal roads, providing a conducive atmosphere for learning and working. Residential Quarters: The campus has adequate residential quarters for the Teaching and Non-teaching Staff and Vice Chancellor, statutory officers, ensuring convenient accommodation in the university. Transportation Facilities: VTU provides its own transportation services, including electric passenger vehicles and goods vehicles, facilitating staff commutes within the campus and official travel, including outside transportation facilities for the university staff from Belagavi City to the university campus. Health and Recreational Facilities: A well-equipped primary health center, guest house, sports complex, canteen, and mess facilities are available on campus, prioritizing the well-being and recreational needs of students and staff. Additional Amenities: The main campus in Belagavi hosts essential services such as a bank, post office, ATM, shops, and cafeteria, offering convenience to the university community and also other centres of the university. Green Initiatives: VTU is committed to environmental sustainability, evident through initiatives like tree planting, maintaining gardens with medicinal plants, energy

conservation, water harvesting, and waste management, contributing to a greener and healthier campus environment.

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

3749.45435

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Year Software Used Version Up to 2015-16 Libsys 7 2016-17 to2021-22 Koha 16.5 Library Automation at VTU: Software Used: Koha Integrated Library Software Nature of Automation: Partial Version: 16.5 Year of Automation: 2009The VTU Library operates with Koha open-source library automation software-version 16.5. While the automation process began in 2009, it was further enhanced with the adoption of Koha from 2016-17 onwards. This system facilitates cataloging, searching, member/patron management, acquisitions, an efficient issue and return system. Despite being partially automated, the Koha software significantly improves library services, ensuring smoother operations and better access to resources for students, faculty, and researchers. As the library continues to evolve, VTU remains committed to further leveraging technology to enhance its services and support its academic community effectively

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.2.2 - Institution has subscription for e-Library resources Library has regular	A. Any 4 or all of the above

subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1444.48617

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

60

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

78

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

VTU maintains a clear and comprehensive Information Technology policy, guiding the adoption and utilization of technology across the university. Adoption of Technologies:

The university consistently embraces technological advancements, ensuring the delivery of IT-enabled services to all stakeholders. Infrastructure Guidelines: The policy outlines guidelines for the use and maintenance of IT infrastructure, encompassing the main campus, regional centers, and constituent colleges. Budgetary Provision: VTU allocates appropriate budgetary provisions to support the expansion and updating of IT facilities, including the implementation of WiFi connectivity. Vision and Mission Statement: Vision: To establish a state-of-the-art IT infrastructure and ensure all university content and services are IT- enabled. Mission: Regular enhancement of IT infrastructure to maintain technological leadership. Compliance with legal standards for software systems and applications. Provision of secure and reliable IT infrastructure to facilitate information dissemination. With a commitment to technological advancement and adherence to legal standards, VTU ensures the availability of state-of- the- art IT infrastructure to support various university functions effectively.

File Description	Documents
Upload relevant supporting document	No File Uploaded

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
3553	1456

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)	• ?1 GBPS

File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing	A. All of the above

File Description	Documents
Upload relevant supporting document	[View File](#)
Upload the data template	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

144488399

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[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.

Facility Responsible Department IT Infrastructure Project Management Cell Classrooms, Laboratories, Workshops Departments Library Library Department Transportation, Guest House, Quarters, Campus Maintenance, Housekeeping, Construction, Civil and Electrical Works and Repairs Engineering SectionSports Facilities Sports Section Facility Management Procedures: 1. Assignment of Responsibilities: Each facility is assigned to a specific department based on its nature. 2. Interdepartmental Cooperation: Departments extend cooperation to ensure smooth maintenance and utilization of facilities. 3. Procurement Process: 4. Purchase of requirements is processed by the Stores and Purchase department, adhering to the KTPP Act . Compliance and Approval: All processes are carried out with appropriate approvals and in accordance with the University and State Government regulations. VTU ensures effective facility management through streamlined procedures and interdepartmental cooperation, ensuring that all facilities are well-maintained and utilized for the benefit of students, faculty, and staff.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

336

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

217

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology	**A. All of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following	• **All of the above**

for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Upload relevant supporting document	[View File](#)

5.2 - Student Progression

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

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

5.2.2 - Total number of placement of outgoing students during the year

98

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

3

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

The student council at VTU plays a pivotal role in promoting student participation in diverse academic, cultural, and extracurricular activities, fostering holistic development and enriching the university experience. Student Participation Areas : Hostel Management Students are involved in various aspects of hostel management, ensuring a conducive living environment for their peers.,Volunteers for Major Events Students volunteer during significant events like convocations and other major university functions to assist with logistics. Organizing Seminars/Workshops Participation in organizing academic events fosters leadership skills and enhances organizational capabilities.Public Functions/Cultural Activities/Sports/Debates Engagement in diverse activities promotes holistic development and nurtures talents beyond academics. Representation at Competitions Students represent the university at various competitions, showcasing their skills and bringing laurels to theinstitution.

Feedback Mechanism Providing feedback on teaching-learning processes and departmental activities contributes to continuous improvement.

Grievance Redressal Students have a platform to register grievances and interact freely with faculty members, fostering a supportive environment.

Curriculum Suggestions/Complaints Students can suggest improvements or raise complaints regarding curriculum, support services, and other requirements. Committee Membership Students serve on disciplinary, anti-ragging, and other committees, contributing to maintaining a conducive campus environment.

Co-curricular/Extracurricular Activities Planning and executing various activities under faculty guidance develop leadership and teamwork skills. Participation in Student Clubs/Associations Involvement in clubs and associations allows students to pursue their interests and engage in community-building activities.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

15

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

VTU Alumni Association: The association aims to unite alumni, foster loyalty, and promote academic and professional engagement with the institution. Registered under the Society Registration Act on 25th February 2021, with by-laws framed for governance. Four chapters established at Belagavi, Kalaburgi, Muddenhalli, and Mysuru, corresponding to the university's regional centers. Chapters operational, facilitating better connection between alumni and the

university, with approximately 1500 registered members.
Contributions of Members: Providing feedback on curriculum
and the teachinglearning process. Bridging the gap between
industry and academia, offering insights on changing industry
trends. Conducting guest lectures for current students and
mentoring them. Alumni Engagement Activities: Regular alumni
meets organized to strengthen social ties and establish
networks. Sharing expertise knowledge with current students,
providing guidance in projects and internships. Alumni
involvement envisaged in providing placement support and
participating in research activities. The VTU Alumni
Association serves as a platform for alumni to remain
connected with their alma mater, contribute to its growth,
and support current students in their academic and
professional endeavors.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

E. <1Lakhs

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The university's mission is the commitment to impart
knowledge that not only upholds ethical principles but also
meets the evolving needs of society. Guided by the visionary
leadership of the Vice-Chancellor and supported by the Dean,
the institution continuously shapes policies to propel
technological advancement, ensuring it remains a trailblazer
in academic innovation. Collaborative efforts from the
Executive Council and Academic Senate serve as the
cornerstone of institutional progress, while statutory
officers such as the Registrar and Finance Officer
meticulously oversee vital administrative functions. An array
of committees plays a crucial role in upholding effective

governance: Academic committees, such as the Academic Senate
and Joint Board of Studies, maintain a vigilant watch over
academic standards and facilitate ongoing enhancements to
academic programs. Administrative bodies, including the
Executive Council and Grievance Redressed Committee, adeptly
manage institutional affairs and provide platforms for
addressing concerns raised by stakeholders. Finance-related
committees, like the Finance Committee and Purchase
Committee, ensure the judicious allocation of budgets and
oversee financial operations with a focus ontransparency and
efficiency.Through the orchestration of these structured
frameworks, theuniversity upholds a comprehensive governance
model that tirelessly pursues academic excellence and
resonates with the broader societal context.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The university adopts a decentralized and participative
approach to administration, facilitated by various bodies and
committees. Here's an overview: 1. Key Administrative Bodies:
Office of the Vice-Chancellor Executive Council Academic
Senate 2. Academic Departments Management: Eight academic
departments Each department overseen by a Chairperson and
Department Council 3. Quality Assurance and Monitoring:
Internal Quality Assurance Cell (IQAC) led by a Director
under the Vice-Chancellor Statutory Officers overseeing
Academic Affairs, Examination, and Finance 4. Regional
Offices and Sections: Led by competent individuals operating
within the university's framework 5. Grievance Redressal
Mechanisms: Committees addressing harassment and abuse,
ensuring a safe environment Anti-Ragging Committee composed
of Chairpersons, faculty, and hostel wardens 6. Continuous
Improvement Efforts: Feedback from stakeholders informs
improvement

initiatives Adherence to UGC/AICTE norms and KCSRs ensures
compliance with regulatory standards and service rules This
decentralized structure ensures efficient administration and
governance, fostering a safe and supportive environment while
promoting continuous improvement aligned with regulatory
standards.

File Description	Documents
Upload relevant supporting document	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

UNIVERSITY PREPARES 1. Strategic Planning Process: Alignment with university vision and mission ensures a clear direction. Incorporation of stakeholder and industry feedback fosters inclusivity and relevance. Analysis of current human resource trends and skill requirements ensures adaptability and competitiveness. 2. Execution through Academic and Administrative Sections: Implementation of policies in areas such as research, consultancy, IT, and IPR drives innovation and efficiency. Effective management of regional centers and affiliated colleges expands outreach and impact. 3. Strategic Initiatives: Examination reforms, including Online QPDS and digital evaluation, enhance efficiency and transparency. Digitization of the Ph.D. program streamlines processes and enhances academic rigor. 4. Budgetary Allocation: Advance planning involving all units ensures resources are strategically allocated. Allocation for strategic plan execution ensures the realization of goals and objectives. 5. Equity and Inclusion: Consideration of regional diversity, gender, and social requirements promotes fairness andinclusivity.Budgetary allocation reflects equity concerns, ensuring resources are distributed equitably. 6. Alignment with National Policies: Development in accordance with NEP 2020 and ICT policy, including e-learning, demonstrates responsiveness to national priorities and standards. The university's strategic planning process is comprehensive and forward-thinking, driven by a commitment to excellence, equity, and relevance in higher education.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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

The University operates within the framework established by its Act and Statutes. The Chancellor, His Excellency the Governor of the state, and the Pro Vice Chancellor, the

Hon'ble Minister for Higher Education, play pivotal roles in governance. The Hon'ble Vice Chancellor acts as the policy executive, with support from key officers including the Registrar, Registrar Evaluation, and Finance Officer, who execute universitypolicies. The Dean, Academic Senate, and Executive Council aid in policy formulation. Decision-making involves bodies such as the Joint Board of Studies, Board of Studies, and Board of Examination. Administrative functions are overseen by the Registrar, with Registrar (Evaluation) responsible for examination-related activities. The Finance Officer heads the finance section, supported by committees like the Finance Committee. Infrastructure needs are managed by the Resident Engineer's office. Various officers, directors, and department heads operate under authority directives. The university maintains a well-defined organizational structure, guided by Departmental Councils. Appointment procedures for staff adhere to university and state government regulations, following the Karnataka Civil Services Rules (KCSR) for employee matters.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation 1. **Administration** 2. **Finance and Accounts** 3. **Student Admission and Support** 4. **Examination**	**A. All of the above**

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

University encourages career development for teaching and non-teaching staff through higher studies, training programs,

seminars, symposiums, and workshops. Performance appraisal system and career advancement scheme are in place for evaluating and enhancing individual performance. State Technical University provides comprehensive employee welfare benefits including campus housing with amenities like sports facilities, gym, recreation areas, children's parks, ATM, bank, post office, clinic, and guest house. Employees benefit from schemes like GPF-cum-Gratuity-cum- Pension Scheme or National Pension Scheme, leave encashment, group insurance, medical reimbursement-cum- health scheme, and statutory social security schemes such as LTC and maternity benefits. Non-teaching domestic staff receive two sets of uniforms annually, and bus facilities are available for school- going students at concessional rates. Mentorship and counseling center is established for providing support to those in need.Cash awards are granted to employees' wards achieving 80% or above in SSC and PUC examinations. The university offers a day care center for employees' children, supporting working parents. Career advancement scheme specifically tailored for teachers enhances professional growth opportunities.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

1

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

21

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total 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)

36

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The University meticulously plans the mobilization and utilization of funds and resources in accordance with the provisions of the VTU Act 1994. Resources are generated through various means: 1. Student and college fees, grants from state and central governments, commissions, and councils. 2. Affiliation fees, processing fees, inspection fees, migration fees, and program/course equivalence fees. 3. Examination-related fees such as exam fees, revaluationcharges, and convocation fees. 4. Sports and sports development fees, grants for NSS, NCC, e-learning, and consultancy services. 5. Donations from industries, institutions, private, andpublic organizations. 6. Fees from conducting FDPs, conferences, workshops, etc. 7. Interest earned from investments in banks and other organizations. 8. Fees collected through skill development programs. 9. Income from staff quarters and guesthouses. 10. Revenue generated from rented buildings. 11. Outsourcing of indoor and outdoor sports complexes. 12. Hostel and transport fees collected from students. The Finance Committee convenes at least twice a year to formulate a strategic plan for resource mobilization and utilization. These resources are then allocated for various purposes, including staff salaries, infrastructure development, research facilities, maintenance, and conducting conferences, seminars, workshops, and

examination-related expenses.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	**No File Uploaded**

6.4.4 - Institution conducts internal and external financial audits regularly

The University adheres to strict guidelines for both internal and external financial audits. The Finance Officer, deputed from the Karnataka State Audit and Accounts Department, oversees all financial transactions of the University. The account section is closely monitored to ensure compliance with various criteria: Expenditure is incurred in accordance with established guidelines and procedures. Due diligence is exercised in procurement processes. Funds are utilized as per budgetary provisions. Strong internal controls and systems are in place forexpenditure.Applicable statutory requirements are complied with.Approval and payment procedures are followed. Proper records and documentation are maintained securely. Discrepancies/suggestions from previous audit reports are addressed. Certain transactions undergo audits by the Karnataka Institute of Public Auditors, while the

additional director of the regional office of the Karnataka State Audit and Accounts Department conducts audits of the University. Compliance reports are submitted to the Secretary of the Department of Higher Education, Government of Karnataka, with copies provided to the additional director of the Audit Department, as mandatedby the VTU Act 1994.

File Description	Documents
Upload relevant supporting document	No File Uploaded

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 by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

The Internal Quality Assurance Cell (IQAC) of the University formulates strategies to ensure quality assurance and monitoring in accordance with the norms of UGC, AICTE, the State Government, and other statutory bodies. It oversees the revision of syllabi for undergraduate and postgraduate programs, incorporating feedback from various stakeholders such as students, alumni, industry, research organizations, and parents. The curriculum emphasizes industry-driven courses, hands-on training, workshops, internships, and interdisciplinary studies. Guest lectures by experts and industry leaders are organized to enrich knowledge, while teaching methodologies include classroom sessions, tutorials, case studies, and group discussions. Both students and faculty are encouraged to undertake innovative projects leading to publications and patent creations, facilitated by the establishment of an IPR cell. The IQAC continuously reviews the teaching-learning processes, and learning outcomes are periodically evaluated. Faculty members are encouraged to participate in various academic programs such as short-term courses, training sessions, conferences, seminars,and workshops conducted by premier institutions to enhance their knowledge and skills. Additionally, the IQAC actively engages in understanding academic requirements through participation in accreditation and institution ranking procedures.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**B. Any 4 of the above**

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting documment	[View File](#)

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

The University has actively solicited feedback from various sectors to refine its curriculum framework. Integrated and interdisciplinary courses have been introduced to apply theoretical knowledge to practical projects. Degrees are awarded with major and honors distinctions, incorporating Bloom's Taxonomy into each course. Clear program outcomes, course outcomes, and learning objectives are defined, with credits from online courses now mandatory. The University hosts project exhibitions to showcase research trends and has partnered with industries through initiatives like i-Nec. Robust software manages examination processes and online certificate delivery, with in-house software for administrative tasks. Rural education efforts include the Jnana-ratha initiative. New buildings are being constructed to meet growing academic and administrative needs. Financial transactions are predominantly conducted through software platforms.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

Measures initiated taken by VTU for the promotion of gender equity during 2022-2023

Safety and Security: Implementation of hi-tech surveillance system with esurveillance and high-resolution cameras. Establishment of separate hostels for boys and girls with monitored student behaviour.Deployment of security personnel throughout the campus. Medical Facilities: Operation of Charakha Health Centre with qualified medical staff available round the clock, including ambulance services.

Counselling: Faculty-led mentoring programs to promote social, moral, and gender awareness among students, along with academic monitoring. Girls Common Room: Creation of a separate common room for girls equipped withindoor games, a first aid box, and access to newspapers. Ladies Gymnasium Facility: Provision of gymnasium facilities for women at the Belagavi Sports Complex. Day Care Centre for Young Children: Ongoing establishment of a day care center for young children.These initiatives underscore VTU's commitment to fostering a safe, inclusive, and gender-sensitive environment on campus, ensuring the well-being and empowerment of all students, regardless of gender.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Annual gender sensitization action plan(s)	**Nil**
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	**Nil**

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

File Description	Documents
Upload relevant supporting document	[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

Facilities for Waste Management at VTU Campus: 1. Solid Waste Management: Systematic collection of wet and dry waste from residential quarters and offices. Collection trolleys transport waste to specified pitslocated away from living and academic areas. Wet waste is utilized for gardening purposes within the campus. 1. Liquid Waste Management: Separate chambers and pipelines collect liquid waste.Waste is directed to the Sewage Treatment Plant (STP) through an Underground Drainage (UGD) system with a capacity of 200 KLD. Treated water from the STP is used for gardening, promoting sustainable water usage. 1. E-Waste Management: Compliance with norms set by the Karnataka State Pollution Control Board for ewaste management. University adopts procedures and practices mandated by regulatory authorities. 1. Waste Recycling System: Solid and liquid waste undergo further

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treatment within the campus. Treated water from the STP is
recycled for gardening, minimizing water wastage. These waste
management initiatives demonstrate the University's
commitment to environmental sustainability and responsible
resource utilization. By implementing effective waste
segregation, treatment, and recycling systems, the
institution strives to minimize its environmental footprint
and promote acleaner, greener campus environment.
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File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: | A. Any 4 or All of the above

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

File Description	Documents
Upload relevant supporting document	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	View File

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

File Description	Documents
Upload relevant supporting document	View File

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

VTU endeavors to create an inclusive environment by spearheading various initiatives aimed at celebrating diversity and fostering harmony among students and faculty members from diverse backgrounds. Through the celebration of National Festivals, NSS activities, and an annual cultural fest, VTU provides a platform for individuals with varied

cultural, regional, linguistic, and socioeconomic backgrounds to come together, fostering mutual understanding and tolerance. Moreover, the integration of the Constitution of India and professional ethics into the curriculum for all B.E. students underscores the university's commitment to promoting values of equality and ethical conduct among its student body. Additionally, the annual convocation ceremony serves as a pivotal event where distinguished chief guests deliver addresses aimed at inspiring and motivating students towards excellence. VTU also ensures that all significant days marking important events are commemorated each year, involving teaching and non-teaching staff along with students in these celebrations for the greater cause of the nation. By actively engaging in these initiatives, VTU strives to cultivate a campus culture where individuals from diverse backgrounds feel welcomed, respected, and valued. Through these collective efforts, the university aims to nurture an inclusive community that embraces differences and fosters a sense of belonging among its members.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

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

VTU arranges a variety of activities to educate students and staff about constitutional obligations, including citizens' values, rights, duties, and responsibilities. VTU's Belagavi campus commemorated Constitution Day by welcoming constitutional experts. He informed all current VTU workers about the authority that the constitution bestows on the common man, as well as the need of raising public awareness about the rights and obligations to which all citizens must adhere. Our constitution guarantees human dignity, equality, social justice, human rights, and freedom, as well as the rule of law. VTU curriculum has a course on the Constitution of India at Degree level across all engineering disciplines to create awareness and sensitize the students and employees about constitution obligation. As a part of strengthening the democratic values. Professor Mr. Anil S. Pol is continue as ELC Coordinator under his guidance, Electoral Literacy Club and voters awareness forum are created to literate the students and the general public about the Democracy. A voters pledge programme was organized for students and faculties at

VTU, Belagavi. The national Voters day, University level essay competition both in Kannada and English, was organized. The student Manual of the university also focuses on duties and responsibilities.

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 Annual awareness programmes on Code of Conduct are organized	Any 3 of the above

File Description	Documents
Upload relevant supporting document	[View File](#)

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

VTU is committed to promote ethics and values amongst students and faculty. The University organises National festivals as well as Anniversaries of the great Indian personalities which include. Each National and International commemorative days are celebrated in the institution. A talk from distinguish personality was arranged and staff, students attended the same and new insights where shared to enhance the awareness and significance of each days. Yoga day was celebrated and students and teachers were participated in Yoga and teacher of yoga explains the importance of each of ASANAS. VTU has embarked on green journey and Go green initiative was undertaken to commemorate world environment day. Cultural programs pertaining to the state's rich heritage were at display and saw wide participation from employees and their families. NSS Day was celebrated by the students and staff , social initiative in the nea by village was undertaken spearheaded by the students.

Date Commemorative days 1st November Kannada Rojyotsava 2nd October Gandhi Jayanti 5th Sept. Engineers Day 21st June International Yoga day 8th March International Women's Day

26th Jan Republic Day 15th August Independence Day 5th June World Environment Day 1St April Azadi ki Amrut Mahotsav

File Description	Documents
Upload relevant supporting document	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

1. Title of the Practice: Enhancing Teaching-Learning Practices 2. Objectives of the Practice The objective is to continuously enhance the quality of teaching and learning processes ensuring academic excellence and holistic development of students in alignment with the NAAC framework. 3. The Context VTU implemented this practice to achieve excellence and is practicing the Curriculum Design and Revision, Technology-Enabled Learning and Pedagogies and Assessment and Feedback Mechanisms 4. The Practice: VTU conducts regular FDPs for faculty to adopt innovative teaching methods. Curriculum is updated with stakeholder input, integrating technology for enhanced learning experiences. Faculty utilizes active learning pedagogies to foster student engagement and critical thinking. Assessment mechanisms ensure continuous improvement in student outcomes. 5. Evidence of Success: Innovative teaching methods and active learning strategies improve outcomes. Technology-enabled learning boosts student engagement, enriching the learning experience. Regular curriculum review and faculty development initiatives contribute to continuous quality improvement in teaching and learning. 6. Problems Encountered and Resources Required: VTU has not faced any major hindrances during implementation and has facilitated resources. This exemplifies VTU's commitment to academic excellence and continuous improvement, thus aligning with the NAAC framework for quality assurance in higher education.

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

VTU has distinguished itself in several areas beyond its core priorities and thrusts. One notable area of performance is its contribution to research and innovation in emerging

technologies. 1. Artificial Intelligence (AI) Research: VTU has research centers and industry collaborations for AI advancement. Faculty and students work on machine learning, NLP, computer vision, and robotics, publishing in top journals and presenting at global conferences. 2. Biotechnology: VTU fosters biotech research in bioinformatics, genetic engineering, and pharmaceuticals. Interdisciplinary collaboration addresses healthcare, agriculture, and sustainability, yielding patents, technology transfers, and industry partnerships. 3. Renewable Energy and Sustainable Development: VTU focuses on renewable energy like solar, wind, and biofuels. Through partnerships with government, NGOs, and industry, VTU promotes adoption and addresses environmental concerns. 4. Entrepreneurship and Innovation: VTU supports startups through incubation centers and entrepreneurship cells. Mentorship, funding, and infrastructure aid aspiring entrepreneurs among students and faculty. VTU-backed startups contribute to economic growth and job creation. Overall, VTU's performance in these areas demonstrates its commitment to fostering a culture of research, innovation, and societal impact beyond its core disciplines. By exploring new frontiers and embracing interdisciplinary collaboration, VTU continues to make meaningful contributions to the advancement of science, technology, and sustainable development.

7.3.2 - Plan of action for the next academic year

1. To offer Online programs to meet the needs of modern learners and contribute to lifelong learners 2. Establishment of 'Labs on Wheels' program 3. Organise Community-oriented programs/events 4. Arrange awareness programs orienting social issues 5. Organise National level Cultural Fest 6. Arrange convocation in two parts 7. To establish data analysis cell; this will use the required analytical tools for the process. The data thus collected must be useful for NIRF, AISHE, etc. 1. MoU with foreign Universities and Indian HEIs 2. Developing a mechanism for the assessment of outcomesunder OBE system 3. Involvement of faculty in E-learning and MOOCs activities 4. Induction of Minor and Honor degrees in inter/multidisciplinary subjects to align with NEP 2020 5. Creation of CNC manufacturing unit 6. Starting new programmes to cater to the needs of forecoming global trends 7. Increase intake of existing programs 8. Infrastructure updation; constructing new classrooms,labs 9. Establishment of centre of excellence 10. Working towards achievement of

awards and recognitions 11. Starting Incubation centre under
VIRF 12. Induction of NPTEL courses in ordinance with UGC