YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY
• Name of the Head of the institution	Dr.P.V.S.Srinivas
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	7993453633
• Alternate phone No.	9966872351
• Mobile No. (Principal)	9866861613
• Registered e-mail ID (Principal)	principal@vbithyd.ac.in
• Address	Aushapur (V), Ghatkesar (M), Medchal Malkajgiri Dist, Telangana State 501301
• City/Town	Hyderabad
• State/UT	Telangana
• Pin Code	501301
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	29/05/2019
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**K.NARESH KUMAR**
• Phone No.	**9966872351**
• Mobile No:	**9966872351**
• IQAC e-mail ID	**vbitiqac@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://vbithyd.ac.in/wp-content/uploads/2024/05/AQAR-2022-23.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://vbithyd.ac.in/wp-content/uploads/2024/04/Academic-calender-for-II-B.Tech-2023-2024-I-II-Semesters.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.23**	**2018**	**03/07/2018**	**31/12/2024**

6.Date of Establishment of IQAC	**01/06/2015**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Department (EEE)	**Research Promotion Scheme**	**AICTE**	**11/03/2022**	**1105250**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File

9.No. of IQAC meetings held during the year	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any 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)

More awareness on OBE by implementing mapping of POs & PSOs with the topic taught in the class
Honorarium for the faculty members taking value added programs and course integration programs
More Public out reach
dept. wise news letter

12.Plan of action chalked out by IQAC at 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
Awareness on OBE	Implemented
Honorarium for VAPs and CIPs	Implemented
dept. wise news letter	Implemented

13.Was the AQAR placed before the statutory body?	Yes
• Name of the statutory body	

Name of the statutory body	Date of meeting(s)
Academic Council	10/01/2024

14.Was the institutional data submitted to AISHE ?	**Yes**

- Year

Year	Date of Submission
2022-23	01/03/2024

15.Multidisciplinary / interdisciplinary

As a part of NEP 2020, institute has introduced various multidisciplinary programs in the field of Computer science &Engineering like Cyber Security, Data Science, ArtificalIntelligence & Machine Learning and Business systems. Proposal of introducing MCA program is also being approved by the governing body of the institute. Institute is following in preparing the curriculum based on the guidelines given by AICTE, UGC by giving 18% weightage from the total credits to Humanities & social Science (HSS), including management, regulatory courses and Basic Sciences Courses. In addition to this, institute is conducting value added programs in all engineering departments along with regular curriculumlike Cybersecurity Essentials-CISCO Netacad, ArtificialIntelligence in machine learning with Java-Oracle Academy, AWS CLOUD-AWS Academy, Network Fundamentals-Infosys Springboard, Microsoft Azure-Honeywell WEP, Statistical Inference using Python-Infosys Springboard, ROBOTIC PROCESS AUTOMATION (RPA)-Blueprism, PROCESS MINING-Celonis Academy etc R-22 & R-21 curriculum provides an opportunity for the students to acquire additional knowledge and skills through Minor and HonoursDegree programs.

16.Academic bank of credits (ABC):

One of the provisions of the National Education Policy 2020 (NEP 2020) is the introduction of the Academic Bank of Credits (ABC). ABC will allow students of undergraduate and postgraduate degree courses to exit the course and enter within a stipulated period. Academic Bank of Credits shall deposit Credits awarded by Registered Higher Education Institutions, for Courses pursued therein, in the Academic Bank Account of the student and the validity of such credits shall be as per norms and guidelines issued by the Commission from time to time. A portal, https://www.abc.gov.in, has been launched, with

theaim that HEI & Students can register in this portal. Students will be allowed to earn credits through various HEIs registered under this scheme and courses offered under National schemes by SWAYAM, NPTEL, VLab, etc.Institutional registration on the portal https://www.abc.gov.in has been completed

17.Skill development:

1.   VBIT focuses on over all development of the students to acquire desired competency levels. As a part of this, institute has designed curriculum by adding various skill development and value added courses 2.   Industry Interaction & Innovation Cell (IIIC) has been established for providing the required training, skill development , entrepreneurship and placement support. 3.   Institute has signed MoUs with CODECHEF, MOVATE, GLOBALTREE, TASK, AUTODESK, TEJ, JUPITER NETWORKS as a part of skill development 4.   Courses in all programs are organized in such a way that students get opportunities for experimental learning and skill development through internships, field works, industrial visits, project works and hands-on learning methods 5.   In order to provide value-based education, institute provides courses and events on professional ethics, research ethics, Indian Constitution, life-skills and code of conduct. 6. R-21& 22 curriculum provides an opportunity for the students to acquire additional knowledge and skills through Minor and Honours Degree programs.

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

Institute is emphasizing on the integration of Indian Knowledge system to help students to gain awareness of the rich heritage and the wealth of knowledge from our ancient indians. Institute is encouraging our faculty members to attend national and international conferences on Indian Knowledge systems. Institute has organized a talk on Vedas to our students and staff members by Sri.Chinnajiyar Swamy ji where more than 1000 students have attended.

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

Curriculum designed for B.Tech, M.Tech & MBA students mainly focuses on outcome based education which meets the needs of industry. While framing the curriculum, curricular gaps are identified by module coordinators through the feedback received from alumni, passing out students, recruiters etc and it is being discussed in Board of Studies meeting to fill the gaps in the syllabus. Teaching learning process is given atmost importance in the institute. Institution is more focussed on implementing OBE to nurture students' skills, knowledge and attitude through Participatory

Reporting Assessment (PRA) which contributes 10% of evaluation of a
subject. The students are mandated to participate in any of the
relevant activities and prepare a report by the end of the semester
for which 10% of the total evaluation component is
assessed.Activities like field visits, questionnaires/case studies
collected by the students from an industry expert, real- world
observations, recent trends on the relevant course, Interview of the
experts, review of related reference books, documentary, video
preparation, presentation, prototype design etc.

20.Distance education/online education:

1. Institute has ICT enabled facilities like wifi, LCD projectors,
LAN computers to offer online education to our students. All
computers are equipped with latest configuration. 2. Central
library of the institute is having exclusive digital library where
students can access e-resources like IEEE, Springer, NPTEL etc. Also
it is having a separate website http://vbithydlibrary.pbworks.com/
where students and faculty can access e-books, e-journals etc
Institute has exclusive LMS portal names as Abhyasa & Pratibha where
students can access for video lectures, presentations, lecturenotes,
question bank etc

Extended Profile

1.Programme

1.1   **14**

Number of programmes offered during the year:

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

2.Student

2.1   **5210**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **1027**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3   9839

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1   14

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2   268

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1

14

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1

5210

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2

1027

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3

9839

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1

14

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**268**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**45**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**729**
4.2 Total number of Classrooms and Seminar halls	**122**
4.3 Total number of computers on campus for academic purposes	**1330**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**2132**

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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum of all programmes are developed, updated and reviewed by the BoSconstituted by the Institute. The BoSis chaired by a HoDof the respective department, and is composed of experts from industry, research organizations, and academia. The committee sought feedback from faculty, student, employer and alumni before devising/revising the curriculum, and it goes through multiple deliberations in faculty meetings, followed by approval of the

Academic Council of the institute before its implementation. The local, national and global needs are always kept in view while developing the curriculum of a programme and will be mapped with POs & PSOs of the department.

Based on the guidelines of Board of Studies,faculty members with the help of module and course coordinatorsof respective subjects prepare course files for each subject and develop Lab manuals.All efforts are made to maintain the quality sustenance in curriculum delivery. Head of the Department approves the Academic Plan.The same will be uploaded to E-CAP and Abhyasa (LMS portal of the institute) to make it available to all the students

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://vbithyd.ac.in/wp-content/uploads/2023/11/VBIT-R22-B.TECH-ACADEMIC-REGULATIONS-MODIFIED-1.pdf

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

3

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

65

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

65

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

3

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The college sensitize its staff and students on issues such as

Gender, Environment and Sustainability, Human Values and Professional Ethics in following ways:

1. The core group of the Institute has a clear vision about the real purpose of the education

2. The teaching of values like gender equality, environment protection, transparency, ethical behavior takes place in a systematic way through a chain of activities Students are engaged in various forums as per their interest.

3. The College organizes annual ECO-Fest to create environmental awareness among the students on the occasion of world ozone day.

4. The College has a film club named AASHAY. Students make short films which are message oriented. Various films based on the above mentioned issues like gender equality, inclusion and environment are screened through out the year.

5. For Independence Day and Republic Day Celebrations students participate in large numbers. t is always ensured that the campus is kept clean and every day in the morning by the time students enter the campus, classical music is played. This helps to have pleasant atmosphere.

6.International Women's Day is being celebrated every year. Institute has received outstanding WIE (Women in Engineering) affinity group award from IEEE at R-10 (Asia-Pacific region)

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

12

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

2275

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1320

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni   A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://172.168.150.3/ecap/main.aspx#
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following   **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	http://172.168.150.3/ecap/main.aspx#
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1318

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

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

1318

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institution identify and respond to special educational /learning needs of advanced and slowlearners:

1. Advanced learners are continuously encouraged to strive for higher goals by providing them additional inputs for better career planning and growth like: Encouraging the students to be active

members or office bearers of various professional bodies and branch associations

2.Special coaching is imparted through R&D center regarding paper publications and scope for higher studies in relevant areas. Recommending the students to National Laboratories for internship

3.Assigning seminar topics. Topics on content beyond syllabus are taught to quench to some extent their thirst for knowledge. Training on paper presentations is imparted even from first year by organizing events like AVISHKAR which is a State level paper presentation contest exclusively for I B. Tech students.

4.Assistance in helping the slow learners especially during the conduct of tutorials which will enhance their communication skills.

5.Based on the performance in first mid exams, slow learners are identified Mentors develop a rapport with the concerned students through personal interactions

6.Mentors are informed to providespecial attention towards this group of students

7.Special subject classes after the college working hours

8. Spoken English classes to boost the confidence level

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/sac/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2023	5210	268

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

2.3 - Teaching- Learning Process

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

Teaching-Learning is made more student-centric. Following are the details on the support structures and systems available for teachers and students to develop skills like interactive learning, collaborative learning and independent learning among the students:

Collaborative learning : College has an exclusive digital library consisting 30 systems where students can access e-lectures, ebooks, ejournals and e-materials etc.Four well equipped AV rooms are available in library for multimedia sessions of any subject Independent learning : The college has established specious and well stackedlibrary with required facilities like reading place, journal section, reference book section, textbook section andliterature section etc.

Participatory Learning : Assessment will be done based on quality participationof students in the learning method of respective subject. Teacher and student can mutually decide one of the following methods for assessment: .Technical presentations · Group activity · Modelling · Micro project · Participation in professional society activities · Organising technical activities · Industrialvisit or expert interview report · Idea presentation/Quizcompetition · Innovativeassignment The institution nurture critical thinking, creativity and scientific temper among the students to transform them into lifelong learners and innovators:

1. Establishment of Project labs and IoT centers at Department level 2. Establishment of Students Activity Center at Institute level

File Description	Documents
Upload any additional information	View File
Link for additional Information	http://119.235.51.91/ecap/main.aspx#

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Faculty members are always encouraged to use various ICT enabled tools for effective teacing-learning process. various tools are as follows: 1. Blogs exclusively prepared by faculty members 2. NPTEL & MOOCS courses 3. e-cap portal 4. LCD projectors 5.Audio Visualclass rooms 6. e-books 7.e-journals Apart from the above tools, institutehas exclusively prepared ABHYASA portal- exclusive Learning Management System portal for the effective functioning of teaching-learningprocess of institute duringcovid pandemic time.LMSs are focused on online learning delivery but support a range of uses, acting as a platform for online content, including courses, both asynchronous based and synchronous based.An LMS delivers and manages all types ofcontent, including video, courses, and documents.In the education and higher education markets, an LMS will include a variety offunctionality that is similar to corporate but will have features such as rubrics, teacher and instructor-facilitated learning, a discussion board, and often the use of a syllabus. A syllabus israrely a feature in the corporate LMS, although courses may start with heading-level index to give learners an overview of topics covered.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://vbithyd.ac.in/innovation-in-teaching/
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

245

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Evaluation takes place at two levels: Internal and External .Being

an autonomous institution, Academic calendar, general rules are published in the Academic regulations and also in the studenthandbook of the Institute.The performance of a student in every subject/course (including practicals and Project Stage – I & II)will be evaluated for 100 marks each, with 30 marks allotted for CIE (Continuous Internal Evaluation) and 70 marks for SEE (Semester End-Examination) in R21 regulations and the performance of a student in every subject/course (including practicals and Project Stage – I & II) will be evaluated for 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60marks for SEE (Semester End-Examination) in R22 regulations..While the first mid-term examination shall be conducted on 50% of thesyllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus. The total marks secured by thestudent in each mid-term examination are evaluated for 30 marks, and the average of the two mid-term examinations shall betaken asthe final marks secured by each student in Continuous Internal Evaluation.The internal performance of students is displayed onnotice board and evaluated answer scripts are shown to the students Each Department follows the guide lines issued by IQAC regarding record writing and correction of the same. All the documents like question papers and answer scripts, selectedrecords and manuals are well preserved at examination branch and IQAC.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

268

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc /

DLitt during the year

`67`

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

`6.5`

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	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

`90`

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

`507`

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Institute follows the guidelinesin the academic regulations regarding the evaluation process. Salient features of this process are:

Two phases of evaluation-Internal and External

1. **Distribution of marks-30% and 70% &40% and 60%**
2. **Assignments & PLA/PRA are evaluated as Internal evaluation**
3. **Mini and Major projects are also evaluated on Internal and External basis**

Institute has an exclusive EMS (Examination Management System) where the students data will be registered immediately after the commencement of semester. Student login, parent login and staff login features are available in this EMS.

Examination Notifications, circulars, exam fee, exams schedule, seating allottment of students, floor plan, online evaluation system, scrutiny of evaluated papers, declaration of exam results, recounting and revaluation etc are the main features of our institute EMS.

The following are the examinations conducted right through the semester: a. Two Mid term examinations and for theory and labcourses

1. **. Compensatory mid examination for theory and lab for both absentees and for improvement**
2. **. Semester End Examinations for theory and lab courses**
3. **Supplementary examinations for theory and lab courses**

At VBIT, we have devised a comprehensive examination system,backed by state-of-the-art hardware and software systems, to administer

the process smoothly. 3.The marks to be awarded to each credit carrying course shall be 100 , out of which, 30 marks are allocated for Continuous Internal Evaluation (CIE) and 70 marks for Semester End Examination (SEE). in R21 regulations and 40 for internal , 60 for external in R22 regulation

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.vbithydexams.in/

2.6 - Student Performance and Learning Outcomes

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

All departments in the institute have defined their Programme Outcomes, Programme Specific Outcomes, Program Educational Objectives,Course Objectives and Course outcomess along with vision , mission following a due mechanism. This list is displayed in each class room and laboratories of the respective program. also, the list is available in the department notice boards, also displayed in college website, student hand book, college brochure, college magazine and diary Each faculty member prepares the academic plan for their respective courses at the very begining of the semester. POs, PSOs and COs are the partof this academic plan.These plans are uploaded on egovernance (e-cap) portal & Abhyasa Portal of the institute All the students have given assess to this portal. Apart from this,allPOs and PSOs are displayed at various locations at Department and Institute. The same are also made available on college website.

PROGRAM SPECIFIC OUTCOMES (ECE-sample copy)

PSO1: The ECE Graduates will be equipped with Electronics, Microprocessor and Microcontroller based system design skills to becomeembedded system engineers.

PSO2: The ECE Graduates will be able to design and implement signal processing, communication systems and protocols.

PSO3: The ECE graduates will have knowledge from design flow to fabrication in areas of both Analog and Digital VLSI Design.

PSO4: The ECE graduates will be trained on Soft Skills, Aptitude

and Attitude to work in industry/self employed/ become entrepreneurs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://vbithyd.ac.in/department-of-eee/

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The following assessment methods are used for the assessment of Program Outcomes and Program Specific Outcomes:

1. Direct Assessment (80%) This process includes following three components

1.Assignment

2.Internal Examination

3. Semester end examination

Indirect Assessment (20%): Students feed back Course Assessment Exit feed back Feed back from recruiters Event Feedback The attainment levels in the range of 1 to 3 are decided by Following ways:

1. Below 70% = Attainment level 1

2. Between 70% to 90% = Attainment level 2

3. Above 90% = Attainment level 3

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/department-of-cse/

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1086

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.vbithydexams.in/

2.7 - Student Satisfaction Survey

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

https://vbithyd.ac.in/student-satisfaction-survey/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Innovation activities are at forefront of VBIT, Students are encouraged to be part of various activities which leadtoinnovations. Partnered with many industries and entrepreneur organizations to ramp up the innovative skills of the students by the way of Bootcamps, Hackathons, seminars by technical start up experts. Centralized facility for prototyping and product development through a startup eco system via Innovation, Incubation, Accelerator, Startup and Entrepreneur. First Year Ideation Program (SHODH) To ignite the innovative thoughts of the students interactive hands on workshops and seminars by industry experts and young entrepreneurs are being organized. 3D Printing Facility Exclusive 3D Printing lab has been established to visualize the designed concepts of students. IoT Laboratory Exclusive IoT technology-based laboratory has been established forprototyping.

Institute has Established Incubation center and Start up eco

system in collaboration with the following organizations: 1. T-Hub (Telangana hub) 2. J-Hub (JNTUH hub) Following are the Center of excellence's and exclusive laboratories established by industries: Autodesk Fusion 360 Autodesk- REVIT Edify Path Global Tree Dell EMC Coding Ninjas

Bentley Institute TIE Grad Hyderabad Microchip

AWS Academy CISCO Networking Academy ICT Academy NIT Warangal Path Creators

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://vbithyd.ac.in/rd-policy/
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

10

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

13.5

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/rd-policy/
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

3

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.aicte-india.org/
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Innovation activities are at forefront of VBIT, Students are encouraged to be part of various activities which leadtoinnovations. Partnered with many industries and entrepreneur organizations to ramp up the innovative skills of the students by the way of Bootcamps, Hackathons, seminars by technical start up experts. Centralized facility for prototyping and product development through a startup eco system via Innovation, Incubation, Accelerator, Startup and Entrepreneur. First Year Ideation Program (SHODH) To ignite the innovative thoughts of the students interactive hands on workshops and seminars by industry experts and young entrepreneurs are being organized. 3D Printing Facility Exclusive 3D Printing lab has been established to visualize the designed concepts of students. IoT Laboratory Exclusive IoT technology-based laboratory has been established forprototyping.

Institute has Established Incubation center and Start up eco system in collaboration with the following organizations: 1. T-

Hub (Telangana hub) 2. J-Hub (JNTUH hub) Following are the Center of excellence's and exclusive laboratories established by industries: Autodesk Fusion 360 Autodesk- REVIT Edify Path Global Tree Dell EMC Coding Ninjas

Bentley Institute TIE Grad Hyderabad Microchip

AWS Academy CISCO Networking Academy ICT Academy NIT Warangal Path Creators

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vbithyd.ac.in/about-iiic/

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

3

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	www.vbithyd.ac.in/rnd/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

71

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/about-r-d/

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

3.4.5.1 - Total number of Citations in Scopus during the year

3590

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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

3.4.6.1 - h-index of Scopus during the year

26

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

247800

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institute promote institution-neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students: The college has Dyuthi-NSS unit with a total strength of 250 members, affiliated to Jawaharlal Nehru technological University (JNTUH), Hyderabad.The unit was established in 2007 with an Objective to cultivate the attitude of social service in minds of students and to make them responsible citizens. Street Cause, VBIT is an all student NGO with an aim to help underprivileged in the best way possible. It is a perfect platform for all thoseenthusiastic and passionate youngsters to do the little they can to bring about the

desired change in the society. Street Cause (VBIT) has wonthe "Best Youth Organization Award"which include the prestigious Hyderabad Youth Assembly. Street Cause VBIT has received Appreciation Certificate from Tribal welfare Department, Government of Telangana for installing Solar Street Lights in Komanpenta and Kollampenta Chenchu habitations inside Nalla Malla Forest, NagarKurnool District.ECO-CLUB of VBIT is a green initiative by the students of the college to create awareness about the importance of clean andhealthy environment. "Clean and Green" is their motto.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/sac/

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

1

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	[View File](#)

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

9

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1200

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

1095

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

21

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning:

Classrooms: The institution has sufficient number of wellfurnished, well ventilated, spacious classrooms for conducting

theory classes. Class Room are spacious and ergonomically designed so thatproper ventilation, lighting is provided with good acoustics. Better Aspect ratio is maintained for proper visibility of glass board and audibility. All the class rooms of individual departments are at close proximity in order to have better access for the students. Technology enabled learning rooms: Each department in the college is provided with technology enabled classroom to facilitate engaged and active learning. Each room has a seating capacity of 60 and they are provided with comfortable seating. The Classrooms are also ideal for small seminars and workshops where the audiovisual facilities available help make presentations with a greater impact. Seminar Halls: Each department in the college has separate seminal hall to conduct conferences, workshops and symposia for students and faculty. The main seminar hall, Nalanda, has a seating capacity of 1000 and is fully air conditioned. It is equipped with LCD projector, large screen and public addressing system for conducting project exhibition and Hackathons. Laboratories: All laboratories are well equipped, and well maintained not only for carrying out curriculum-oriented lab practical but also to carry out research activities

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.vbithyd.ac.in/infrastructure/

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

Sports and games play a pivotal role in student's life and professional career. A student's educational journey does not end with his/her academic achievements alone, as sports and games happen to be an inseparable part of academic curriculum. Sports, outdoor and indoor games, gymnasium: VBIT believes in Swami Vivekananda's principle of 'a sound mind ina sound body'. Hence the college promotes sports and games and offers the individual an opportunity for all-round development by enhancing self-knowledge, expression, personal development, courage and social interaction. To develop team spirit, leadership qualities and organizing abilities among the students, Sports & Games meets are organized regularly in the college. Students of all departments participate and prove their talents. Four full time qualified Physical Directors were appointed to look after the day-to-day games and sports activities of the college The outdoor games such as

basketball, ball-badminton, volley ball, cricket, tennicoit etc.
are also provided. A permanent basketball court laid with R.C.C.
slab is provided. A separate indoor games facility for playing
shuttle, caroms and chess, is providedand it is being used by the
students regularly.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/sports/

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

122

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

905

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	[View File](#)

4.2 - Library as a Learning Resource

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

ILMS Integrated Library Management System Library is automated
using Integrated Library Management System (ILMS) Name of the

ILMS: E-CAP Software developed by M/S WEBPROS Solutions Pvt.Ltd. The library uses e-cap software developed by M/s Webpros Solutions Pvt.Ltd, It is total automation of institution. Library automation is one major part in this package. This Library Management Information System supports in-house operations of the library. The software consists of modules on Acquisition, Cataloguing, circulation, serials, projects and OPAC. Retrospective conversion of bibliographic records the data base available in the library is being updated on day to day basis with details of recently acquired books, records. Tostrengthen our circulation counters for accuracy and speeding up of operations Barcode Technology is in place. List of Modules

1. OPAC

2. Book Circulation

3. Accession Register

4. Book Updation

5. Journals

6. Projects

7. BackVolumes

8. Department Libraries 9. Dues

10. Stock Verification

11. Budget & Expenditure

12.Suppliers

13. Reports

14. Search

15. Book Bank Students

16.Equipment

17. Edit

18. Barcodes

19. Others

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/central-library/

4.2.2 - Institution has access to the following: A. Any 4 or more of the above e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

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

2602490

File Description	Documents
Audited statements of accounts	[View File](#)
Any additional information	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

689

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institute has IT policy and identified a team with two IT professionals to manage WiFi, IT services and security related issues in the campus. Team will continuously upgrades IT facilities with enough number of computers connected with fiber optic network and Wi-Fi to enable all the stakeholders to have better access to all the learning resources & ICT. services in the campus providing 24×7 internet facility with 2.1gbps Internet leased line bandwidth and it has been upgraded to2gbps Mbps in 2022-23. The Institution takes care of all physical,academic, IT and other facilities with effective maintenance support allocating appropriate budget for optimum utilization of the resources. The College provides internet facility to staff members at the respective Departments in order to access the required study material from available eresources and present them as part of their teaching process. Name of the Internet provider: Neolog & Piner online services pvt. Ltd. Available bandwidth: 2.1 gbps

Wi Fi availability: Yes

Internet access in labs, classrooms, library and offices of all Departments: Yes

Security arrangements: Yes,

PF sense wirefall and sophus firewall is used for security

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5210	**1330**

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus   **A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing   **B. Any three of the above**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://vbithyd.ac.in/innovation-in-teaching/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

974

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The institute has an exclusive maintenance department with 85staff for the regular up keep and periodic maintenance.

Library: used newspapers are disposed of on a regular basis; damaged books will be condemned & sold out as scrap by calling tenders.Regular swabbing of the Library floors, regular cleaning of the racks, up-keeping the quality of the books with needed binding are in place Sports : It is maintained on a regular basis. However, the maintenance of used up sports material is taken care of by the Physical Education Department itself. Maintenance such as housekeeping, electrical & plumbing works etc., Estate Managertakes care of on a regular basis. Maintenance of toilets in all blocks is regularly cleaned.Computers are maintained regularly under AMC, while the outdated or obsolete systems are sold out as E-waste Laboratories are maintained on a regular basis. Requirement of equipment and consumables are put up by respective HODs and those which are approved will be procured Solar Power: Green Power @VBIT-Solar Power Plant of 200KWp Capacity – Roof top Grid-Interactive Solar Photovoltaic System was installed in the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/infrastructure/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

0

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

71

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 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
Link to Institutional website	https://vbithyd.ac.in/certification-courses/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

6795

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

460

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

184

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - 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

185

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

5.3 - Student Participation and Activities

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

44

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute has a special practice of nominating the meritorious students of each class / section as class representatives and thereby making the topper of the institute. Apart from this,institute has active 24 student forums where each and every forum has its own executive committee. These members will interact

with Director of Student Affairs to represent their issues and concerns.They will be made a part of the discussingteams during all important academic / administrative reforms and given opportunity to express their views to the administration and management authorities.Student representatives will also be involved in the anti-ragging committees.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/sac-policy/

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

53

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

VBIT Alumni Association (Reg. No. 462/2013) The greatness of the institute lies in spreading their students throughout the world. It is also important that the institute keeps student and faculty family in a closed net so that the knowledge is shared all the time and in future times to come. The institutional strength gets multiplied through this global net with the support provided. V.B.I.T believes this concept and hence building its Alumni In order to keep all the strings in the proper form couple of smart faculty and students were identified as a Alumni team leads with an E-mail link for correspondence on 24/7 basis. The institute has excellent database for Alumni and all for its functions. An exclusive application –DISHA has been launched for Alumni registration. The E-mail link is E-mail ID: alumini@vbithyd.ac.in Alumni Contribution: Periodic interactions with alumni are organized by various student forums. The suggestions given by

alumni play an important role while designing the policies at different levels.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/event/alumni-meet-2024/

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance of the institution is reflective of an effective leadership in tune with the vision andmission of the institution: 1. Continuous improvement of performance through systematic monitoring and upgrading all aspects of student-centric Teaching – Learning process. 2. A series of student centric activities through 22 forums working under Student Activity Centre (SAC). 3.Provision of traditional and e-learning opportunities for the students and faculty alike. 4. Spending on infrastructural and learning facilities being treated as investment not as expenditure. 5. Arrangement of special coaching for rural students to improve their communication skills. 6.Designing of various short term courses and value added programs to promote the concept of "learning beyond the syllabus". 7.Provision of motivating working conditions and motivational incentives. 8. Organising various activities like subject coaching,vocational training, health camps,survey in nearby villages to connect the students with social realities. 9.Conducting eco friendly activities in college and community to promote the environmental awareness. 10. Organization of consistent and regular oration lectures towards faculty development. 11. Honoring eminent scientists and appreciating faculty members for their contribution towards Research and Development & activities on the occasion of Engineers

Day & Science Day everyyear. 12.In this institute, Policies and plans are being formulated collaboratively by staff, principal and management together to ensure effective implementation of the same.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vbithyd.ac.in/governing-body/

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

The management ensures decentralization by creating positions of Directors to help the Head of the institution in planning and execution of various procedural activities:

FUNCTIONS OF DIRECTORATES: i) Direcor of the Institute: Improving the over allTeaching Learning process by taking feed back from students and counseling the faculty members to improve their academic performance.

ii) Director – Academic Planning:Planning & monitoring of effective teaching learning process. Preparation of Academic Calendar Preparation of Academic Regulations etc.

iii) Director-- Internal Quality Assurance Cell (IQAC): New methodologies for effective Teaching-Learning process Annual planning & review meetings. Effective e-governance, e-Documentation & website. All inspections and reports etc.

iv)Director – Student Activity Centre (SAC): All 26 SAC forums activities- Planning, execution & documentation. More thrust on technical activities through professional bodies like IEEE, IETE & SAE Student's participation in outside activities.

v)Director – Research and Development (R&D):Submission of various projects/program proposals to various agencies. Monthly presentations Participation of faculty members in quality improvement programs. Faculty pursuing Ph.D. – progress assessment. Smooth functioning of projects. Studententrepreneurship in National/ State organizations.

vi)Director -Industry Interaction and Innovation Cell: To

coordinate the activities of 1. Placement 2. Training 3. VAPs 4. Centers of Excellence

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File]()
Upload any additional information	[View File]()
Paste link for additional Information	https://vbithyd.ac.in/organogram/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Yes.The institution has a formally stated quality policy which is being implemented through a well structured body called Internal Quality Assurance Cell. Internal Quality Assurance Cell (IQAC) was established at VBIT on 26th January, 2014 after receiving the accreditation status from NBA for all UG programmes as a post accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC should be a part of the institution's system and work towards realizing the goals of quality enhancement and sustenance.

Perspective plan for development: College Management understands the importance of the relation between various functions of the institute and always works in a way for developing it. The promoter society is committed for the aspects of development of education, augmentation of infrastructural facilities and growth of the institution. It specifies targets to the institution along with allocating budget. The management aims to make the college grow into an ideal center of excellence and develop it to the level of a mini-University by understanding that educational systems change according to the current and future needs of the society.In line to the views of the Society, college determinesthe needed infrastructure for academic advancement, bringingexcellence into the activities and allocates budget accordingly.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://vbithyd.ac.in/organogram/
Upload any additional information	View File

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

Governing Body, the highest body of policy making, meets periodically to discuss various issues and aspects related to the development of thecollege. It includes considering and approving the institution strategic plan which sets the academic aims and objectives of the institution and identifies the financial, physical and staffing strategies. S.No. Name Frequency of the meetings 1. Governing Body Once in a semester 1. College Academic Counsel (CAC) Twice in a month 1. Internal Quality Assurance Cell (IQAC) Once in a year 1. Student Activity Centre (SAC) Once in a semester 1. Central Facilities Committees Once in a year/semester 1. Grievance Redressal and Women Protection Cell As and when required 1. Disciplinary and Anti Ragging Once in a year/ As and when required 1. Various Activity Coordinators Once in a year 1. Training, Placement, Career Guidance & Entrepreneurship Committee Four to Five times in a semester 1. Academic Committee Once in a semester 1. College Research Committee Committee-Once in a semester 1. R&D Once in a month 1. Library Advisory Committee Once/Twice in a semester 1. College Website Committee Once in a year

File Description	Documents
Paste link to Organogram on the institution webpage	https://vbithyd.ac.in/academic-leadership/
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/organogram/

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The following welfare schemes are available for teaching non teaching staff:

1. EPF contribution by Management to all the eligible staff members. 2. Free Medical consultancy and treatment for common ailments through Health Centre. 3. Transport Facilities: Concessional Transport fee for all teaching and non –teaching staff members.. 4. Uniforms for class IV employees and attenders. 5. Salary advance for staff in times of need. 6. Maternity leave: 30days with full pay. For the women faculty members (provided they complete minimum 2 years of service). 7. Insurance cover for Personal Accidents (Rs.2, 00,000/-):100% of faculty and staff members are availing the benefit. 8. Public transport bus passes to all drivers. 9. ESI: ESI health cover is being given to all non teaching staff members. 10.Special Leave Provision given to the existing faculty for the pursuance of their higher qualifications like Ph.D. 11. Special allowances to faculty deputed to Examination department. 12. Special leave to staff on the occasion of their marriage. 13. Fee concession to children of staff members who are studying in our institute.

14.Special Leave for Covid and post covid treatment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/brochure-andpolicybook/

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

29

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

62

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

142

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit: Every year, internal audit will be conducted by

the committee appointed by the principal. After thorough
verification, committee will submit their appraisals to the
principal for follow up action. College accounts will be audited
by the qualified chartered accountants. No major audit objections
are identified Institution has well defined mechanism to monitor
effective and efficient use of available resources. College
obtains proposals from concerned Departments/Units in which all
the teaching and non-teaching members of the Department/Unit are
involved. Purchase and central store section of the Institute
headed by Finance Officer collects all the purchase proposals with
quotations and comparative statement.

External Audit: The college conducts external Financial Audit by a
Chartered Accountant every year. The audit observations submitted
to the management by the audit company are examined carefully and
corrective actions taken, where required. The Financial
statements, namely, income and expenditure account and balance
sheet are filed with the income tax returns to the IT department
every year. The College Balance sheets & Auditors Report publishes
on website for the users of Financial Statements. The link for the
same is provided.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/audit-reports/

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The policy of the college with regard to mobilization of funds is

as follows: The main source of funds for the college is the Tuition fee collected from the students.The fee collected from the students constitutes the major internal resource of fund mobilization. The Institution follows a Fee Rationalization Policy under which periodic review of the different components of the fee and revision in the fee takes place for implementation after ratification from the Statutory bodies of the institution The other sources of funds are: Loans from banks Grants received from Government bodies like AICTE,UGC JNTUH, DST etc., to carry out research oriented activities. An annual budget is prepared to ensure optimal utilisation of financial resources, based on the estimates received from the departments and functional units of the Institute. The amount is sanctioned by the governing body.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vbithyd.ac.in/audit-reports/

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Yes. Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurancestrategies and processesSignificant contributions made by IQAC

1.Separate Bio Metrics for attendance monitoring system at boys and girls hostel. 2. Modification in PRATIBHA Application. 3. Formation of 3 new student clubs- Abhedya (Cyber Security club), Data Vedhi club & DRONA forUPSC aspiring students. 4. Provision of incentives against mentoring of Value Added Programs. 5. Created Well Being centre for students and staff.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/audit-reports/

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

`Academic Audit and Action taken process (Mechanism set up by IQAC)`
`It has 2 important aspects: Review & Planning`

`1. At the end of each Academic year, Director Academic Planning`
`conducts the 'Academic Review and Planning' meeting where each`
`Department. Present the review of Academic activities of past year`
`and their planning for the same in next year.`

`2. College Academic Committee members give their feedback and`
`comments about the presentation RACHANA (Regular Assessment of`
`Class- Hour and Allied Activities through Number Analysis) RACHANA`
`(R-23) A Scheme of bimonthly collection and analysis of data`
`related to 23 important parametersof Institute.`

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://vbithyd.ac.in/wp-content/uploads/2022/09/B.Tech-with-Honors-Minor-Degree-Program.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

`A. Any 4 or all of the above`

File Description	Documents
Paste the web link of annual reports of the Institution	https://vbithyd.ac.in/student-hand-book/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equity is observed in all academic, Co-curricular and Extracurricular activities conducted by the institute every year. Gender Sensitization was introduced in the year 2016-17 to all B.Tech students and it is a part of curriculum. This course offers an introduction to Gender Studies, an interdisciplinary field.

Gender Equity in Co-curricular and Extra-curricular activities: IEEE Women in Engineering (WIE): IEEE Women in Engineering (WIE) is a global network of IEEE members and volunteers dedicated to promoting women engineers and scientists, and inspiring girls around the world to follow their academic interests in a career in engineering and science. This affinity group was introduced in our institute in 2014. International Women's Day is being organized by this affinity group every year which aims at performing and practicing 'Gender equity and sensitization'.

Women Protection Committee: This committee was constituted in 2016 at our institute. This committee periodically meets and reviews the complaints received from female faculty and students if any. The women cell aims to empower women byIdentifying strong leadership quality and change makers amongst women and facilitate in building their capacity.Promoting a culture of respect and equality for the female gender in the institute

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vbithyd.ac.in/event/wieducate-2-0/

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

B. Any 3 of the above

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The Functioning of our institute result in generation of waste which can be classified as: 1. Solid Waste 2. Liquid Waste and 3. E-Waste

Management of Different types of waste at VBIT:

Solid Waste Management: Solid waste generated at our institute is classified in to Wet waste and Dry waste. Dry waste includes used paper etc is being burnt in FuelFree ecosystem which is installed at our campus. Remaining Dry waste includes rubber tyres, metal scrap, News papers, plastics etc are stored and will be given to scrap vendors Wet waste like the vegetable and food waste generated from canteen and hostel is kept in VAPRA- The Composter which converts the biodegradable waste into compost.

Liquid Waste Management: Institute has set up an exclusive 200KLD Sewage Treatment Plant inside the campus. Liquid waste generated from institute buildings and hostel will be diverted to STP for further treatment Treated water is used for watering plants and trees in the campus.

E-Waste Management: Electronic waste is created when an electronic product is discarded after the end of its useful life, such as computer systems, monitors etc. All Ewaste products are delivered

for safe disposal through dealers in electronic goods.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus   **A. Any 4 or all of the above**

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **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
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy 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:

B. Any 3 of the above

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	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
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

Institute has several student forums like Aashay- the Film Club, Chitrika- The Photography Club, Harith-Eco Club and odyssey- The Literature club which have been conducting various activities that have been playing a vital role in promoting and building an inclusive environment in the institution. i.e., tolerance andharmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Mandatory courses in curriculum, namely, Environmental science, Human Values and Professional Ethics help students in understanding the importance of sustainable development. Institute celebrates National Festivals, Independence Day, Republic Day by conducting Blood donation camps etc.

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

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

Institute has developed a mechanism through which responsibilities of good citizen can be inculcated among students and employees. Following events are being organized from a decade to inculcate such values: 1. Workshop on Personality Development at Ramakrishna Mutt 2.Induction program for fresher's based on Universal human values 3. Establishment of various clubs and activities toinculcate good leadership qualities 4. Inclusion of Many elective courses line Indian Constitution, Gender Sensitization,

Disaster Management, Professional Ethics onto UG Curriculum.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

Various student forums of the institute organize many National and International commemorative days, events and festivals.

International Events: International Yoga Day on June 21st by Virinchi Club World Photography Day on August 19th by Chitrika-The Photography club World Environmental Day on June 5th by Harith –Eco club International Women's Day on March 8th by IEEE- Women in Engineering Affinity group

National Events: Independence Day on August 15th by all student forums Republic Day on January 26th Youth Day on January 12th by Swayam club National Science Day on February 28th by Sowparnika club National Mathematics Day on December 22nd by Ganith-The Mathematics club. Teacher's Day on September 5th Engineer's Day on September 15th.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice Title of the Practice: Avishkar to Aakar- Total transformation of students Goal: Every individual studentpossesses unique set of skills. To identify such skills should be prime motto of the teaching learning process The context: Institute receives the inflow of students having heterogeneous back ground. Lack of motivation to achieve something, fear of competition, inferiority complex arises because of weak soft skills and not aware about individual strength are the commonfeatures of the students The Practice: Avishkar to Aakar is a set of variety of academic and extracurricular activities which start with Avishkar – The skill of presentation at first year and end with Aakar- The show casing of talent at final year. The practice started way back in 2008-2009.

Evidence of success: Our sincere and continuous efforts for conducting this event of Avishkar at entry level of students the institute was appreciated by IEEE at international level and awarded IEEE- VBIT SB with Darrel Chong student activity award (Gold Prize) at Asia Pacific region R-10 level which is one of the prestigious awards of IEEE.

File Description	Documents
Best practices in the Institutional website	https://vbithyd.ac.in/wp-content/uploads/2021/04/Best-practices.pdf
Any other relevant information	https://vbithyd.ac.in/event/aakar-2k24-participants/

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)

Academic Excellence "Outstanding" is what our students rate our efforts in nurturing versatile, all round development including organizational and leadership qualities. In VBIT, the management, administration and the faculty members strive for this and go beyond teaching, in an effort to redefine academic excellence. The meticulously well-defined student centric system has the following objectives at its core : 1. To emerge as a hub for engineering excellenceto achieve engineering education that is on par with the industry requirement 2. To facilitate state-of-theart teaching facilities to train students in emerging technologies to set up and maintain State-ofthe- Art Laboratories 3. To create department wise with incubation centersto empower the student community through "Students Activity Centre" (SAC) In order to ensure that the vision of the institute is realized, a separate Student Activity Centre, thoroughly managed by the students, is set up. In addition to the Student Activity Centre the co-curricular activities also take an equally important role at VBIT. Therefore, VBIT has bagged several awards for their students in a number of forums at state, national and international levels.

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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The curriculum of all programmes are developed, updated and reviewed by the BoSconstituted by the Institute. The BoSis chaired by a HoDof the respective department, and is composed of experts from industry, research organizations, and academia. The committee sought feedback from faculty, student, employer and alumni before devising/revising the curriculum, and it goes through multiple deliberations in faculty meetings, followed by approval of the Academic Council of the institute before its implementation. The local, national and global needs are always kept in view while developing the curriculum of a programme and will be mapped with POs & PSOs of the department.

Based on the guidelines of Board of Studies,faculty members with the help of module and course coordinatorsof respective subjects prepare course files for each subject and develop Lab manuals.All efforts are made to maintain the quality sustenance in curriculum delivery. Head of the Department approves the Academic Plan.The same will be uploaded to E-CAP and Abhyasa (LMS portal of the institute) to make it available to all the students

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	https://vbithyd.ac.in/wp-content/uploads/2023/11/VBIT-R22-B.TECH-ACADEMIC-REGULATIONS-MODIFIED-1.pdf

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

3

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

65

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

65

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

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

3

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The college sensitize its staff and students on issues such as Gender, Environment and Sustainability, Human Values and Professional Ethics in following ways:

1. The core group of the Institute has a clear vision about the real purpose of the education

2. The teaching of values like gender equality, environment protection, transparency, ethical behavior takes place in a systematic way through a chain of activities Students are engaged in various forums as per their interest.

3. The College organizes annual ECO-Fest to create environmental awareness among the students on the occasion of world ozone day.

4. The College has a film club named AASHAY. Students make short films which are message oriented. Various films based on the above mentioned issues like gender equality, inclusion and environment are screened through out the year.

5. For Independence Day and Republic Day Celebrations students participate in large numbers. t is always ensured that the campus is kept clean and every day in the morning by the time students enter the campus, classical music is played. This helps to have pleasant atmosphere.

6.International Women's Day is being celebrated every year. Institute has received outstanding WIE (Women in Engineering) affinity group award from IEEE at R-10 (Asia-Pacific region)

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

`12`

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

`2275`

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

`1320`

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	http://172.168.150.3/ecap/main.aspx#
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	http://172.168.150.3/ecap/main.aspx#
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1318

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

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

1318

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

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institution identify and respond to special educational /learning needs of advanced and slowlearners:

1. Advanced learners are continuously encouraged to strive for higher goals by providing them additional inputs for better career planning and growth like: Encouraging the students to be active members or office bearers of various professional bodies and branch associations

2.Special coaching is imparted through R&D center regarding paper publications and scope for higher studies in relevant areas. Recommending the students to National Laboratories for internship

3.Assigning seminar topics. Topics on content beyond syllabus are taught to quench to some extent their thirst for knowledge. Training on paper presentations is imparted even from first year by organizing events like AVISHKAR which is a State level paper presentation contest exclusively for I B. Tech students.

4.Assistance in helping the slow learners especially during the conduct of tutorials which will enhance their communication skills.

5.Based on the performance in first mid exams, slow learners are identified Mentors develop a rapport with the concerned students through personal interactions

6.Mentors are informed to providespecial attention towards this group of students

7.Special subject classes after the college working hours

8. Spoken English classes to boost the confidence level

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/sac/

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2023	5210	268

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Teaching-Learning is made more student-centric. Following are the details on the support structures and systems available for teachers and students to develop skills like interactive learning, collaborative learning and independent learning among the students:

Collaborative learning : College has an exclusive digital library consisting 30 systems where students can access e-lectures, ebooks, ejournals and e-materials etc.Four well equipped AV rooms are available in library for multimedia sessions of any subject Independent learning : The college has established specious and well stackedlibrary with required facilities like reading place, journal section, reference book section, textbook section andliterature section etc.

Participatory Learning : Assessment will be done based on quality participationof students in the learning method of respective subject. Teacher and student can mutually decide one of the following methods for assessment: .Technical presentations · Group activity · Modelling · Micro project · Participation in professional society activities · Organising technical activities · Industrialvisit or expert interview report · Idea presentation/Quizcompetition · Innovativeassignment The institution nurture critical thinking,

creativity and scientific temper among the students to transform them into lifelong learners and innovators:

1. Establishment of Project labs and IoT centers at Department level 2. Establishment of Students Activity Center at Institute level

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	http://119.235.51.91/ecap/main.aspx#

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Faculty members are always encouraged to use various ICT enabled tools for effective teacing-learning process. various tools are as follows: 1. Blogs exclusively prepared by faculty members 2. NPTEL & MOOCS courses 3. e-cap portal 4. LCD projectors 5.Audio Visualclass rooms 6. e-books 7.e-journals Apart from the above tools, institutehas exclusively prepared ABHYASA portal- exclusive Learning Management System portal for the effective functioning of teaching-learningprocess of institute duringcovid pandemic time.LMSs are focused on online learning delivery but support a range of uses, acting as a platform for online content, including courses, both asynchronous based and synchronous based.An LMS delivers and manages all types ofcontent, including video, courses, and documents.In the education and higher education markets, an LMS will include a variety offunctionality that is similar to corporate but will have features such as rubrics, teacher and instructor-facilitated learning, a discussion board, and often the use of a syllabus. A syllabus israrely a feature in the corporate LMS, although courses may start with heading-level index to give learners an overview of topics covered.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://vbithyd.ac.in/innovation-in-teaching/
Upload any additional information	[View File](#)

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

2.3.3.1 - Number of mentors

245

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Evaluation takes place at two levels: Internal and External .Being an autonomous institution, Academic calendar, general rules are published in the Academic regulations and also in the studenthandbook of the Institute.The performance of a student in every subject/course (including practicals and Project Stage – I & II)will be evaluated for 100 marks each, with 30 marks allotted for CIE (Continuous Internal Evaluation) and 70 marks for SEE (Semester End-Examination) in R21 regulations and the performance of a student in every subject/course (including practicals and Project Stage – I & II) will be evaluated for 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60marks for SEE (Semester End-Examination) in R22 regulations..While the first mid-term examination shall be conducted on 50% of thesyllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus. The total marks secured by thestudent in each mid-term examination are evaluated for 30 marks, and the average of the two mid-term examinations shall betaken asthe final marks secured by each student in Continuous Internal Evaluation.The internal performance of students is displayed onnotice board and evaluated answer scripts are shown to the students Each Department follows the guide lines issued by IQAC regarding record writing and correction of the same. All the documents like question papers and answer scripts, selectedrecords and manuals are well preserved at examination branch and IQAC.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

268

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

67

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

6.5

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	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

90

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

507

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Institute follows the guidelinesin the academic regulations regarding the evaluation process. Salient features of this process are:

Two phases of evaluation-Internal and External

1. Distribution of marks-30% and 70% &40% and 60%
2. Assignments & PLA/PRA are evaluated as Internal evaluation
3. Mini and Major projects are also evaluated on Internal and External basis

Institute has an exclusive EMS (Examination Management System) where the students data will be registered immediately after the commencement of semester. Student login, parent login and staff login features are available in this EMS.

Examination Notifications, circulars, exam fee, exams schedule, seating allottment of students, floor plan, online evaluation

system, scrutiny of evaluated papers, declaration of exam results, recounting and revaluation etc are the main features of our institute EMS.

The following are the examinations conducted right through the semester: a. Two Mid term examinations and for theory and labcourses

1. . Compensatory mid examination for theory and lab for both absentees and for improvement
2. . Semester End Examinations for theory and lab courses
3. Supplementary examinations for theory and lab courses

At VBIT, we have devised a comprehensive examination system,backed by state-of-the-art hardware and software systems, to administer the process smoothly. 3.The marks to be awarded to each credit carrying course shall be 100 , out of which, 30 marks are allocated for Continuous Internal Evaluation (CIE) and 70 marks for Semester End Examination (SEE). in R21 regulations and 40 for internal , 60 for external in R22 regulation

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vbithydexams.in/

2.6 - Student Performance and Learning Outcomes

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

All departments in the institute have defined their Programme Outcomes, Programme Specific Outcomes, Program Educational Objectives,Course Objectives and Course outcomess along with vision , mission following a due mechanism. This list is displayed in each class room and laboratories of the respective program. also, the list is available in the department notice boards, also displayed in college website, student hand book, college brochure, college magazine and diary Each faculty member prepares the academic plan for their respective courses at the very begining of the semester. POs, PSOs and COs are the partof this academic plan.These plans are uploaded on egovernance (e-cap) portal & Abhyasa Portal of the institute All the students have given assess to this portal. Apart from

this,allPOs and PSOs are displayed at various locations at Department and Institute. The same are also made available on college website.

PROGRAM SPECIFIC OUTCOMES (ECE-sample copy)

PSO1: The ECE Graduates will be equipped with Electronics, Microprocessor and Microcontroller based system design skills to becomeembedded system engineers.

PSO2: The ECE Graduates will be able to design and implement signal processing, communication systems and protocols.

PSO3: The ECE graduates will have knowledge from design flow to fabrication in areas of both Analog and Digital VLSI Design.

PSO4: The ECE graduates will be trained on Soft Skills, Aptitude and Attitude to work in industry/self employed/ become entrepreneurs.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://vbithyd.ac.in/department-of-eee/

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The following assessment methods are used for the assessment of Program Outcomes and Program Specific Outcomes:

1. Direct Assessment (80%) This process includes following three components

1.Assignment

2.Internal Examination

3. Semester end examination

Indirect Assessment (20%): Students feed back Course Assessment Exit feed back Feed back from recruiters Event Feedback The

attainment levels in the range of 1 to 3 are decided by Following ways:

1. Below 70% = Attainment level 1

2. Between 70% to 90% = Attainment level 2

3. Above 90% = Attainment level 3

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/department-of-cse/

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1086

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.vbithydexams.in/

2.7 - Student Satisfaction Survey

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

https://vbithyd.ac.in/student-satisfaction-survey/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Innovation activities are at forefront of VBIT, Students are encouraged to be part of various activities which leadtoinnovations. Partnered with many industries and entrepreneur organizations to ramp up the innovative skills of the students by the way of Bootcamps, Hackathons, seminars by technical start up experts. Centralized facility for prototyping and product development through a startup eco system via Innovation, Incubation, Accelerator, Startup and Entrepreneur. First Year Ideation Program (SHODH) To ignite the innovative thoughts of the students interactive hands on workshops and seminars by industry experts and young entrepreneurs are being organized. 3D Printing Facility Exclusive 3D Printing lab has been established to visualize the designed concepts of students. IoT Laboratory Exclusive IoT technology-based laboratory has been established forprototyping.

Institute has Established Incubation center and Start up eco system in collaboration with the following organizations: 1. T-Hub (Telangana hub) 2. J-Hub (JNTUH hub) Following are the Center of excellence's and exclusive laboratories established by industries: Autodesk Fusion 360 Autodesk- REVIT Edify Path Global Tree Dell EMC Coding Ninjas

Bentley Institute TIE Grad Hyderabad Microchip

AWS Academy CISCO Networking Academy ICT Academy NIT Warangal Path Creators

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://vbithyd.ac.in/rd-policy/
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

10

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

13.5

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

2

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/rd-policy/
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

3

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

File Description	Documents
Supporting document from Funding Agencies	[View File](#)
Paste link to funding agencies' website	https://www.aicte-india.org/
Any additional information	[View File](#)

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Innovation activities are at forefront of VBIT, Students are encouraged to be part of various activities which leadtoinnovations. Partnered with many industries and entrepreneur organizations to ramp up the innovative skills of the students by the way of Bootcamps, Hackathons, seminars by technical start up experts. Centralized facility for prototyping and product development through a startup eco system via Innovation, Incubation, Accelerator, Startup and Entrepreneur. First Year Ideation Program (SHODH) To ignite the innovative thoughts of the students interactive hands on workshops and seminars by industry experts and young entrepreneurs are being organized. 3D Printing Facility Exclusive 3D Printing lab has been established to visualize the designed concepts of students. IoT Laboratory Exclusive IoT technology-based laboratory has been established forprototyping.

Institute has Established Incubation center and Start up eco system in collaboration with the following organizations: 1. T-Hub (Telangana hub) 2. J-Hub (JNTUH hub) Following are the Center of excellence's and exclusive laboratories established by industries: Autodesk Fusion 360 Autodesk- REVIT Edify Path Global Tree Dell EMC Coding Ninjas

Bentley Institute TIE Grad Hyderabad Microchip

AWS Academy CISCO Networking Academy ICT Academy NIT Warangal Path Creators

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vbithyd.ac.in/about-iiic/

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

3

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**B. Any 3 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	www.vbithyd.ac.in/rnd/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

71

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

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

14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/about-r-d/

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

3.4.5.1 - Total number of Citations in Scopus during the year

3590

File Description	Documents
Any additional information	**View File**
Bibliometrics of the publications during the year	**View File**

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

3.4.6.1 - h-index of Scopus during the year

26

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	**View File**
Any additional information	**View File**

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	**View File**
List of consultants and revenue generated by them	**View File**
Any additional information	**View File**

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

247800

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The institute promote institution-neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students: The college has Dyuthi-NSS unit with a total strength of 250 members, affiliated to Jawaharlal Nehru technological University (JNTUH), Hyderabad.The unit was established in 2007 with an Objective to cultivate the attitude of social service in minds of students and to make them responsible citizens. Street Cause, VBIT is an all student NGO with an aim to help underprivileged in the best way possible. It is a perfect platform for all thoseenthusiastic and passionate youngsters to do the little they can to bring about the desired change in the society. Street Cause (VBIT) has wonthe "Best Youth Organization Award"which include the prestigious Hyderabad Youth Assembly. Street Cause VBIT has received Appreciation Certificate from Tribal welfare Department, Government of Telangana for installing Solar Street Lights in Komanpenta and Kollampentu Chenchu habitations inside Nalla Malla Forest, NagarKurnool District.ECO-CLUB of VBIT is a green initiative by the students of the college to create awareness about the importance of clean andhealthy environment. "Clean and Green" is their motto.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/sac/

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

`1`

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

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

`9`

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

`1200`

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/

student exchange/ internship/ on-the-job training/ project work

`1095`

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

`21`

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning:

Classrooms: The institution has sufficient number of wellfurnished, well ventilated, spacious classrooms for conducting theory classes. Class Room are spacious and ergonomically designed so thatproper ventilation, lighting is provided with good acoustics. Better Aspect ratio is maintained for proper visibility of glass board and audibility. All the class rooms of individual departments are at close proximity in order to have better access for the students. Technology enabled learning rooms: Each department in the college is provided with technology enabled classroom to facilitate engaged and active learning. Each room has a seating capacity

of 60 and they are provided with comfortable seating. The Classrooms are also ideal for small seminars and workshops where the audiovisual facilities available help make presentations with a greater impact. Seminar Halls: Each department in the college has separate seminal hall to conduct conferences, workshops and symposia for students and faculty. The main seminar hall, Nalanda, has a seating capacity of 1000 and is fully air conditioned. It is equipped with LCD projector, large screen and public addressing system for conducting project exhibition and Hackathons. Laboratories: All laboratories are well equipped, and well maintained not only for carrying out curriculum-oriented lab practical but also to carry out research activities

File Description	Documents
Upload any additional information	View File
Paste link for additional information	www.vbithyd.ac.in/infrastructure/

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

Sports and games play a pivotal role in student's life and professional career. A student's educational journey does not end with his/her academic achievements alone, as sports and games happen to be an inseparable part of academic curriculum. Sports, outdoor and indoor games, gymnasium: VBIT believes in Swami Vivekananda's principle of 'a sound mind ina sound body'. Hence the college promotes sports and games and offers the individual an opportunity for all-round development by enhancing self-knowledge, expression, personal development, courage and social interaction. To develop team spirit, leadership qualities and organizing abilities among the students, Sports & Games meets are organized regularly in the college. Students of all departments participate and prove their talents. Four full time qualified Physical Directors were appointed to look after the day-to-day games and sports activities of the college The outdoor games such as basketball, ball-badminton, volley ball, cricket, tennicoit etc. are also provided. A permanent basketball court laid with R.C.C. slab is provided. A separate indoor games facility for playing shuttle, caroms and chess, is providedand it is being used by the students regularly.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/sports/

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

122

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

905

File Description	Documents
Upload audited utilization statements	[View File](#)
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	[View File](#)

4.2 - Library as a Learning Resource

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

ILMS Integrated Library Management System Library is automated using Integrated Library Management System (ILMS) Name of the ILMS: E-CAP Software developed by M/S WEBPROS Solutions Pvt.Ltd. The library uses e-cap software developed by M/s Webpros Solutions Pvt.Ltd, It is total automation of institution. Library automation is one major part in this package. This Library Management Information System supports in-

house operations of the library. The software consists of modules on Acquisition, Cataloguing, circulation, serials, projects and OPAC. Retrospective conversion of bibliographic records the data base available in the library is being updated on day to day basis with details of recently acquired books, records. Tostrengthen our circulation counters for accuracy and speeding up of operations Barcode Technology is in place. List of Modules

1. OPAC

2. Book Circulation

3. Accession Register

4. Book Updation

5. Journals

6. Projects

7. BackVolumes

8. Department Libraries 9. Dues

10. Stock Verification

11. Budget & Expenditure

12. Suppliers

13. Reports

14. Search

15. Book Bank Students

16. Equipment

17. Edit

18. Barcodes

19. Others

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/central-library/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

2602490

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

689

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

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institute has IT policy and identified a team with two IT professionals to manage WiFi, IT services and security related issues in the campus. Team will continuously upgrades IT facilities with enough number of computers connected with fiber optic network and Wi-Fi to enable all the stakeholders to have better access to all the learning resources & ICT. services in the campus providing 24×7 internet facility with 2.1gbps Internet leased line bandwidth and it has been upgraded to2gbps Mbps in 2022-23. The Institution takes care of all physical,academic, IT and other facilities with effective maintenance support allocating appropriate budget for optimum utilization of the resources. The College provides internet facility to staff members at the respective Departments in order to access the required study material from available eresources and present them as part of their teaching process. Name of the Internet provider: Neolog & Piner online services pvt. Ltd. Available bandwidth: 2.1 gbps

Wi Fi availability: Yes

Internet access in labs, classrooms, library and offices of all Departments: Yes

Security arrangements: Yes,

PF sense wirefall and sophus firewall is used for security

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
5210	1330

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	B. Any three of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://vbithyd.ac.in/innovation-in-teaching/
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

974

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical,

academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The institute has an exclusive maintenance department with 85staff for the regular up keep and periodic maintenance.

Library: used newspapers are disposed of on a regular basis; damaged books will be condemned & sold out as scrap by calling tenders.Regular swabbing of the Library floors, regular cleaning of the racks, up-keeping the quality of the books with needed binding are in place Sports : It is maintained on a regular basis. However, the maintenance of used up sports material is taken care of by the Physical Education Department itself. Maintenance such as housekeeping, electrical & plumbing works etc., Estate Managertakes care of on a regular basis. Maintenance of toilets in all blocks is regularly cleaned.Computers are maintained regularly under AMC, while the outdated or obsolete systems are sold out as E-waste Laboratories are maintained on a regular basis. Requirement of equipment and consumables are put up by respective HODs and those which are approved will be procured Solar Power: Green Power @VBIT-Solar Power Plant of 200KWp Capacity – Roof top Grid-Interactive Solar Photovoltaic System was installed in the campus.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/infrastructure/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

0

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

71

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 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
Link to Institutional website	https://vbithyd.ac.in/certification-courses/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

6795

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

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment | **A. All of the above** |

and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

460

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

184

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations

during the year

5.2.3.1 - 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

185

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	[View File](#)

5.3 - Student Participation and Activities

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

44

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute has a special practice of nominating the meritorious students of each class / section as class representatives and thereby making the topper of the institute. Apart from this,institute has active 24 student forums where each and every forum has its own executive committee. These members will interact with Director of Student Affairs to represent their issues and concerns.They will be made a part of the discussingteams during all important academic / administrative reforms and given opportunity to express their views to the administration and management authorities.Student representatives will also be involved in the anti-ragging committees.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/sac-policy/

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

53

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

VBIT Alumni Association (Reg. No. 462/2013) The greatness of the institute lies in spreading their students throughout the world. It is also important that the institute keeps student and faculty family in a closed net so that the knowledge is shared all the time and in future times to come. The institutional strength gets multiplied through this global net with the support provided. V.B.I.T believes this concept and hence building its Alumni In order to keep all the strings in the proper form couple of smart faculty and students were identified as a Alumni team leads with an E-mail link for correspondence on 24/7 basis. The institute has excellent database for Alumni and all for its functions. An exclusive application -DISHA has been launched for Alumni registration. The E-mail link is E-mail ID: alumini@vbithyd.ac.in Alumni Contribution: Periodic interactions with alumni are organized by various student forums. The suggestions given by alumni play an important role while designing the policies at different levels.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vbithyd.ac.in/event/alumni-meet-2024/

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs

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

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance of the institution is reflective of an effective leadership in tune with the vision andmission of the institution: 1. Continuous improvement of performance through systematic monitoring and upgrading all aspects of student-centric Teaching – Learning process. 2. A series of student centric activities through 22 forums working under Student Activity Centre (SAC). 3.Provision of traditional and e-learning opportunities for the students and faculty alike. 4. Spending on infrastructural and learning facilities being treated as investment not as expenditure. 5. Arrangement of special coaching for rural students to improve their communication skills. 6.Designing of various short term courses and value added programs to promote the concept of "learning beyond the syllabus". 7.Provision of motivating working conditions and motivational incentives. 8. Organising various activities like subject coaching,vocational training, health camps,survey in nearby villages to connect the students with social realities. 9.Conducting eco friendly activities in college and community to promote the environmental awareness. 10. Organization of consistent and regular oration lectures towards faculty development. 11. Honoring eminent scientists and appreciating faculty members for their contribution towards Research and Development & activities on the occasion of Engineers Day & Science Day everyyear. 12.In this institute,

Policies and plans are being formulated collaboratively by staff, principal and management together to ensure effective implementation of the same.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/governing-body/

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

The management ensures decentralization by creating positions of Directors to help the Head of the institution in planning and execution of various procedural activities:

FUNCTIONS OF DIRECTORATES: i) Direcor of the Institute: Improving the over allTeaching Learning process by taking feed back from students and counseling the faculty members to improve their academic performance.

ii) Director – Academic Planning:Planning & monitoring of effective teaching learning process. Preparation of Academic Calendar Preparation of Academic Regulations etc.

iii) Director-- Internal Quality Assurance Cell (IQAC): New methodologies for effective Teaching-Learning process Annual planning & review meetings. Effective e-governance, e-Documentation & website. All inspections and reports etc.

iv)Director – Student Activity Centre (SAC): All 26 SAC forums activities- Planning, execution & documentation. More thrust on technical activities through professional bodies like IEEE, IETE & SAE Student's participation in outside activities.

v)Director – Research and Development (R&D):Submission of various projects/program proposals to various agencies. Monthly presentations Participation of faculty members in quality improvement programs. Faculty pursuing Ph.D. – progress assessment. Smooth functioning of projects. Studententrepreneurship in National/ State organizations.

vi)Director -Industry Interaction and Innovation Cell: To coordinate the activities of 1. Placement 2. Training 3. VAPs

4. Centers of Excellence

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/organogram/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Yes.The institution has a formally stated quality policy which is being implemented through a well structured body called Internal Quality Assurance Cell. Internal Quality Assurance Cell (IQAC) was established at VBIT on 26th January, 2014 after receiving the accreditation status from NBA for all UG programmes as a post accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC should be a part of the institution's system and work towards realizing the goals of quality enhancement and sustenance.

Perspective plan for development: College Management understands the importance of the relation between various functions of the institute and always works in a way for developing it. The promoter society is committed for the aspects of development of education, augmentation of infrastructural facilities and growth of the institution. It specifies targets to the institution along with allocating budget. The management aims to make the college grow into an ideal center of excellence and develop it to the level of a mini-University by understanding that educational systems change according to the current and future needs of the society.In line to the views of the Society, college determinesthe needed infrastructure for academic advancement, bringingexcellence into the activities and allocates budget accordingly.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://vbithyd.ac.in/organogram/
Upload any additional information	View File

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

Governing Body, the highest body of policy making, meets periodically to discuss various issues and aspects related to the development of thecollege. It includes considering and approving the institution strategic plan which sets the academic aims and objectives of the institution and identifies the financial, physical and staffing strategies. S.No. Name Frequency of the meetings 1. Governing Body Once in a semester 1. College Academic Counsel (CAC) Twice in a month 1. Internal Quality Assurance Cell (IQAC) Once in a year 1. Student Activity Centre (SAC) Once in a semester 1. Central Facilities Committees Once in a year/semester 1. Grievance Redressal and Women Protection Cell As and when required 1. Disciplinary and Anti Ragging Once in a year/ As and when required 1. Various Activity Coordinators Once in a year 1. Training, Placement, Career Guidance & Entrepreneurship Committee Four to Five times in a semester 1. Academic Committee Once in a semester 1. College Research Committee Committee-Once in a semester 1. R&D Once in a month 1. Library Advisory Committee Once/Twice in a semester 1. College Website Committee Once in a year

File Description	Documents
Paste link to Organogram on the institution webpage	https://vbithyd.ac.in/academic-leadership/
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/organogram/

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

Support Examination

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The following welfare schemes are available for teaching non teaching staff:

1. EPF contribution by Management to all the eligible staff members. 2. Free Medical consultancy and treatment for common ailments through Health Centre. 3. Transport Facilities: Concessional Transport fee for all teaching and non -teaching staff members.. 4. Uniforms for class IV employees and attenders. 5. Salary advance for staff in times of need. 6. Maternity leave: 30days with full pay. For the women faculty members (provided they complete minimum 2 years of service). 7. Insurance cover for Personal Accidents (Rs.2, 00,000/-):100% of faculty and staff members are availing the benefit. 8. Public transport bus passes to all drivers. 9. ESI: ESI health cover is being given to all non teaching staff members. 10.Special Leave Provision given to the existing faculty for the pursuance of their higher qualifications like Ph.D. 11. Special allowances to faculty deputed to Examination department. 12. Special leave to staff on the occasion of their marriage. 13. Fee concession to children of staff members who are studying in our institute.

14.Special Leave for Covid and post covid treatment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/brochure-andpolicybook/

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

29

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

62

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

142

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Internal Audit: Every year, internal audit will be conducted by the committee appointed by the principal. After thorough verification, committee will submit their appraisals to the principal for follow up action. College accounts will be audited by the qualified chartered accountants. No major audit objections are identified Institution has well defined mechanism to monitor effective and efficient use of available resources. College obtains proposals from concerned Departments/Units in which all the teaching and non-teaching members of the Department/Unit are involved. Purchase and central store section of the Institute headed by Finance Officer collects all the purchase proposals with quotations and comparative statement.

External Audit: The college conducts external Financial Audit by a Chartered Accountant every year. The audit observations submitted to the management by the audit company are examined carefully and corrective actions taken, where required. The Financial statements, namely, income and expenditure account and balance sheet are filed with the income tax returns to the IT department every year. The College Balance sheets & Auditors Report publishes on website for the users of Financial Statements. The link for the same is provided.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vbithyd.ac.in/audit-reports/

6.4.2 - Funds / Grants received from non-government bodies, individuals, and

philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

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

The policy of the college with regard to mobilization of funds is as follows: The main source of funds for the college is the Tuition fee collected from the students. The fee collected from the students constitutes the major internal resource of fund mobilization. The Institution follows a Fee Rationalization Policy under which periodic review of the different components of the fee and revision in the fee takes place for implementation after ratification from the Statutory bodies of the institution The other sources of funds are: Loans from banks Grants received from Government bodies like AICTE, UGC JNTUH, DST etc., to carry out research oriented activities. An annual budget is prepared to ensure optimal utilisation of financial resources, based on the estimates received from the departments and functional units of the Institute. The amount is sanctioned by the governing body.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vbithyd.ac.in/audit-reports/

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Yes. Internal Quality Assurance Cell (IQAC) has contributed

significantly for institutionalizing the quality assurancestrategies and processesSignificant contributions made by IQAC

1.Separate Bio Metrics for attendance monitoring system at boys and girls hostel. 2. Modification in PRATIBHA Application. 3. Formation of 3 new student clubs- Abhedya (Cyber Security club), Data Vedhi club & DRONA forUPSC aspiring students. 4. Provision of incentives against mentoring of Value Added Programs. 5. Created Well Being centre for students and staff.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/audit-reports/

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Academic Audit and Action taken process (Mechanism set up by IQAC) It has 2 important aspects: Review & Planning

1. At the end of each Academic year, Director Academic Planning conducts the 'Academic Review and Planning' meeting where each Department. Present the review of Academic activities of past year and their planning for the same in next year.

2. College Academic Committee members give their feedback and comments about the presentation RACHANA (Regular Assessment of Class- Hour and Allied Activities through Number Analysis) RACHANA (R-23) A Scheme of bimonthly collection and analysis of data related to 23 important parametersof Institute.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vbithyd.ac.in/wp-content/uploads/2 022/09/B.Tech-with-Honors-Minor-Degree- Program.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the	A. Any 4 or all of the above

IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	

File Description	Documents
Paste the web link of annual reports of the Institution	https://vbithyd.ac.in/student-hand-book/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Gender equity is observed in all academic, Co-curricular and Extracurricular activities conducted by the institute every year. Gender Sensitization was introduced in the year 2016-17 to all B.Tech students and it is a part of curriculum. This course offers an introduction to Gender Studies, an interdisciplinary field.

Gender Equity in Co-curricular and Extra-curricular activities: IEEE Women in Engineering (WIE): IEEE Women in Engineering (WIE) is a global network of IEEE members and volunteers dedicated to promoting women engineers and scientists, and inspiring girls around the world to follow their academic interests in a career in engineering and science. This affinity group was introduced in our institute in 2014. International Women's Day is being organized by this affinity group every year which aims at performing and practicing 'Gender equity and sensitization'.

Women Protection Committee: This committee was constituted in 2016 at our institute. This committee periodically meets and

reviews the complaints received from female faculty and students if any. The women cell aims to empower women byIdentifying strong leadership quality and change makers amongst women and facilitate in building their capacity.Promoting a culture of respect and equality for the female gender in the institute

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vbithyd.ac.in/event/wieducate-2-0/

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	**B. Any 3 of the above**

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The Functioning of our institute result in generation of waste which can be classified as: 1. Solid Waste 2. Liquid Waste and 3. E-Waste

Management of Different types of waste at VBIT:

Solid Waste Management: Solid waste generated at our institute is classified in to Wet waste and Dry waste. Dry waste includes used paper etc is being burnt in FuelFree ecosystem which is installed at our campus. Remaining Dry waste includes rubber tyres, metal scrap, News papers, plastics etc are stored and will be given to scrap vendors Wet waste like the vegetable and food waste generated from canteen and hostel is kept in VAPRA-The Composter which converts the biodegradable waste into compost.

Liquid Waste Management: Institute has set up an exclusive 200KLD Sewage Treatment Plant inside the campus. Liquid waste generated from institute buildings and hostel will be diverted to STP for further treatment Treated water is used for watering plants and trees in the campus.

E-Waste Management: Electronic waste is created when an electronic product is discarded after the end of its useful life, such as computer systems, monitors etc. All Ewaste products are delivered for safe disposal through dealers in electronic goods.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geotagged photographs of the facilities	[View File](#)
Any other relevant information	[View File](#)

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

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	[View File](#)
Any other relevant information	[View File](#)

7.1.5 - Green campus initiatives include

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

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
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy 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**	**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	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-	**A. Any 4 or all of the above**

reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

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

Institute has several student forums like Aashay- the Film Club, Chitrika- The Photography Club, Harith-Eco Club and odyssey- The Literature club which have been conducting various activities that have been playing a vital role in promoting and building an inclusive environment in the institution. i.e., tolerance andharmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Mandatory courses in curriculum, namely, Environmental science, Human Values and Professional Ethics help students in understanding the importance of sustainable development. Institute celebrates National Festivals, Independence Day, Republic Day by conducting Blood donation camps etc.

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

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

Institute has developed a mechanism through which

responsibilities of good citizen can be inculcated among students and employees. Following events are being organized from a decade to inculcate such values: 1. Workshop on Personality Development at Ramakrishna Mutt 2.Induction program for fresher's based on Universal human values 3. Establishment of various clubs and activities toinculcate good leadership qualities 4. Inclusion of Many elective courses line Indian Constitution, Gender Sensitization, Disaster Management, Professional Ethics onto UG Curriculum.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 the Code of Conduct are organized	A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

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

Various student forums of the institute organize many National and International commemorative days, events and festivals.

International Events: International Yoga Day on June 21st by Virinchi Club World Photography Day on August 19th by Chitrika-The Photography club World Environmental Day on June 5th by Harith -Eco club International Women's Day on March 8th by IEEE- Women in Engineering Affinity group

National Events: Independence Day on August 15th by all student forums Republic Day on January 26th Youth Day on January 12th by Swayam club National Science Day on February 28th by Sowparnika club National Mathematics Day on December 22nd by Ganith-The Mathematics club. Teacher's Day on September 5th Engineer's Day on September 15th.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice Title of the Practice: Avishkar to Aakar- Total transformation of students Goal: Every individual studentpossesses unique set of skills. To identify such skills should be prime motto of the teaching learning process The context: Institute receives the inflow of students having heterogeneous back ground. Lack of motivation to achieve something, fear of competition, inferiority complex arises because of weak soft skills and not aware about individual strength are the commonfeatures of the students The Practice: Avishkar to Aakar is a set of variety of academic and extracurricular activities which start with Avishkar – The skill of presentation at first year and end with Aakar- The show casing of talent at final year. The practice started way back in 2008-2009.

Evidence of success: Our sincere and continuous efforts for conducting this event of Avishkar at entry level of students the institute was appreciated by IEEE at international level and awarded IEEE- VBIT SB with Darrel Chong student activity award (Gold Prize) at Asia Pacific region R-10 level which is one of the prestigious awards of IEEE.

File Description	Documents
Best practices in the Institutional website	https://vbithyd.ac.in/wp-content/uploads/2021/04/Best-practices.pdf
Any other relevant information	https://vbithyd.ac.in/event/aakar-2k24-participants/

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)

Academic Excellence "Outstanding" is what our students rate our efforts in nurturing versatile, all round development including organizational and leadership qualities. In VBIT, the management, administration and the faculty members strive for this and go beyond teaching, in an effort to redefine academic excellence. The meticulously well-defined student centric system has the following objectives at its core : 1. To emerge as a hub for engineering excellenceto achieve engineering education that is on par with the industry requirement 2. To facilitate state-of-theart teaching facilities to train students in emerging technologies to set up and maintain State-ofthe- Art Laboratories 3. To create department wise with incubation centersto empower the student community through "Students Activity Centre" (SAC) In order to ensure that the vision of the institute is realized, a separate Student Activity Centre, thoroughly managed by the students, is set up. In addition to the Student Activity Centre the co-curricular activities also take an equally important role at VBIT. Therefore, VBIT has bagged several awards for their students in a number of forums at state, national and international levels.

File Description	Documents
Appropriate link in the institutional website	https://vbithyd.ac.in/major-achievements-of-vbit/
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To offer wide spectrum of courses for B.Tech-Minor & Honour degree programs 2. To implement NEP 2020 to the full extent

3. To increasecommunity out reach programs

4.Facilitate Teaching-Learning Infrastructure for Digital Education.

5. Establishment ofAlumni association office at campus 6. Working towards achieving Deemed University status