



Download PDF (https://assessmentonline.naac.gov.in/public/index.php/hei/ssr_reportpdf/188)

← [Go to previous page \(https://assessmentonline.naac.gov.in/public/index.php/hei/ssrhome\)](https://assessmentonline.naac.gov.in/public/index.php/hei/ssrhome)

SELF STUDY REPORT

Executive Summary

Introduction:

Established in 2004 by Swamy Vivekananda Educational Trust, Vignana Bharathi Institute of Technology has completed 13 years of academic excellence. It started with two branches of Engineering (ECE & CSE) and now having more than 3200 students enrolled in various UG & PG Programs .

Institute has received the accreditation status from **National Board of Accreditation (NBA)**, New Delhi for its four major undergraduate programs (ECE, CSE, IT & EEE) during 2013-14 & **Permanent Affiliation** status from JNTUH, Hyderabad during the same year. It also received Accreditation from **National Assessment and Accreditation Council (NAAC)**, Bangalore, 2(f) & 12 (B) status from UGC during the year 2014-15.

The sprawling 15 acre campus has state-of-the-art teaching facilities to train students in emerging technologies. It is located about 18 kms from Uppal on the Warangal Highway. We have as many as 60 state-of-the-art laboratories on the campus. The collection in our library, housed in a spacious 2100 sq.m block include more than 40000 volumes covering different engineering streams.

The Institute has established its exclusive research & development center in the year 2010 with a view to promoting research activity in all the Departments and spreading research culture among its staff members and students.

With firm believe on the teaching of Swamy Vivekananda and with a clear road map of development, VBIT has completed the 13 years of academic excellence and ready to march ahead

Vision:

To Emerge as a Premier Institution for Technical Education in the country through Academic Excellence and to be Recognized as a Centre for Excellence in Research and Development.

Mission:

To Establish a Strong Institution by Consistently Maintaining State of the Art Infrastructure and a Cohesive world class team by providing need based Technical Education.

SWOC

Institutional Strength :

1. Committed and visionary management to take the institution to highest levels of quality.
2. Effective, student oriented & transparent Governance and Administration.
3. Highly qualified, committed & experienced faculty
4. Significant focus on Research activities with establishment of R&D center which has Completed 2 research projects sponsored by ISRO and working on 10 research project Sponsored by DST & UGC
5. Establishment of Mini Boundary Layer Mast (MBLM) in association with ISRO
6. Collaborative studies with National Atmospheric Research Laboratory (NARL)
7. Status of Ph.D Center in Space Physics and Atmospheric Sciences by JNTUH
8. Vibrant student activity center with 22 forums to nurture leadership qualities among the Students
9. Excellent understanding between Management, Principal and Staff
10. NBA accreditation status for major UG programmes
11. Permanent affiliation status from JNTUH, Hyderabad
12. 2(f) & 12 (B) status from UGC
13. Good infrastructure with well equipped seminar halls, auditorium, modern laboratories with latest equipments, etc.
14. Strong foundation of basic sciences department.
15. Many national & international awards from Professional bodies like IEEE.
16. Involvement of students in innovative practices
17. Campus is covered with green ambience in pollution free environment
18. Roof top solar power plant
19. Staff appraisal and reward system
20. Excellent achievements in the field of sports and games
21. Industry sponsored labs.
22. Hostel facility for boys and girls

Institutional Weakness :

1. Campus placements

2. Industrial consultancy & applied research.
3. Recruitment/retention of senior faculty in cutting edge disciplines
4. No adequate time is available other than working hours for effective implementation of various schemes and programs
5. No patents applied so far for any product

Institutional Opportunity :

1. Establishment of center of excellence in the field of space science
2. Enhancement of research activities in each department in association with R&D center.
3. To acquire Autonomous status from UGC
4. Enhancement in logistic support for student activity center
5. Networking with premier institutes & Industry for advanced, applied research & academic interaction through MOUs.
6. Alumni Networking for Academic and placement activities.
7. Attracting well qualified and experienced faculty members.

Institutional Challenge :

1. Financial hurdles because of irregular reimbursement of fee from the government
2. Attrition of faculty in high-demand areas to industry/other institutes/foreign universities.
3. Possibility of declining quality of students admitted because of the extremely large number of institutes that are being setup.
4. Decrease in availability of quality faculty with passion for teaching
5. More focus on placement rather than education

Criteria wise Summary

Curricular Aspects :

Being an affiliated to University, Institute has several restrictions in designing of curriculum. It has evolved an executive mechanism to address this issue and formed Department Advisory Committee (DAC) in each Department. To strengthen the teaching learning process for fulfilment of Program Outcomes of the respective Department is the main agenda of DAC meetings. DAC consists of Principal, HOD, Senior Professor and two experts from Industry and Academia.

Faculty members identifies the gap in curriculum (if, any) and suggests the remedy to bridge these gaps. DAC members also discuss these gaps and remedies and approve it with some modifications if necessary. Guest lectures, additional experiments, short term courses, new ideas for projects, Industrial visits, AV classes are few measures being adopted to bridge the content gaps in curriculum.

Institute follows the academic calendar released by University to deliver the curriculum and to conduct the internal and external assessment tests. It prepares its own Activity calendar to organise various programs and value-added courses.

Teaching-learning and Evaluation :

Institute has developed well thought teaching learning process and two-fold evaluation process:

Preparation, Execution and assessment of Academic plan is the most striking feature of the teaching learning process adopted by the Institute. Faculty members prepares an academic plan (based on prescribed format) for their respective courses before commencement of the semester. They present these plans in presentation session and explain their strategy to deal with a course. Head of the Department and senior professors modify this plan if required. the plan contains course outcomes, mapping of the COs with POs and PSOs, add on content to bridge the curriculum gaps, lecture schedule and delivery plan, assignments and tutorial questions etc.

Teachers are encouraged to use innovative methods for effective delivery of curriculum like creating their own blogs, creation of interactive groups and virtual discussion forums. IQAC has developed a full proof mechanism to check the quality and timebound delivery of all academic activities in the Institute.

Research, Innovations and Extension :

The Institute has established its exclusive research & development centre in the year 2010 with a view to promote research activity in all the Departments and to spread research culture among staff and students.

Jawaharlal Nehru Technological University (JNTUH) has recognized VBIT as a Research Centre in Space Physics in the year 2011-12. There are two major research projects (~ 65 lakhs) sponsored by Indian Space Research Organization (ISRO) which are completed by the research centre in association with various Engineering Departments. Two fulltime Research scholars have completed while two are pursuing their Ph.D. work under various projects. One postdoctoral Fellow is associated with the Centre.

Mini Boundary Layer Mast (MBLM) set up by ISRO, A dual frequency receiver which operates in L1 and L2 bands (1.2 to 1.5 GHz frequency) with GPS antenna installed by NARL, Project labs, Multi-disciplinary research lab sponsored by DST under FIST program are the various research facilities available at Institute.

Two new projects have recently been sanctioned to the R&D centre by the Department of Science & Technology (DST), Govt. of India for the next three years. Department of ECE & CSE are also part of this project.

7 faculty members have received a grant from UGC to carry out minor research projects. 2 national Conferences sponsored by various Government organisations have conducted in last five years.

To uplift the life standards of under privileged section of the society with the help of technology is the core idea of all extension activities carried out by Institute.

Infrastructure and Learning Resources :

Transparent and quick flow of information helps in creating student friendly atmosphere.

Library, Internet, R&D Labs and sports facilities are available for the students and staff beyond working hours.

To help students with rural background to cope-up with professional atmosphere and makes them confident, a language skill development training is being provided. Availability of various value-added programs (VAP) along with regular curriculum help students to acquire the skill and knowledge for better placement.

Apart from regular classrooms, seminar halls and curriculum labs, Institute provides following additional facilities to students for their self-learning and learning beyond syllabus.

Infrastructure facilities:

1. Digital library
2. A.V. Classrooms
3. NPTEL Local Chapter
4. IOT (Internet of Things) Lab
5. AUTO-ECAP software facility throughout the college
6. Language labs and Project labs
7. Students Activity Centre (SAC)
8. SAP Business Process Courses and CISCO Networking modules
9. Students friendly Library portal
10. Various value-added programs

Learning resources facilities:

1. Committed faculty who motivate students in the process of their learning
2. Reputed Journals from IEEE, N-LIST databases
3. Online Databases and Video Lectures
4. Licensed Soft wares
5. Membership in Professional Bodies

Student Support and Progression :

Institute firmly believes in student centric teaching-learning process and hence it has evolved a scientific mechanism to strengthen this process. It has established a vibrant Student Activity Centre (SAC) which is a conglomeration of 3 professional societies, 10 academic forums and 10 extracurricular activity forums. (Total -22 forums) Leadership qualities are being nurtured through these various forums.

Institute launches any new initiative only after due consultations with student representatives. Every aspect of teaching learning process has its focus on student centric mechanism. IEEE student branch of VBIT has received Exemplary Student Branch award in Asia Pacific Region (R10) along with other 46 awards at National and International level. Training and Placement Cell has started more than 14 short term courses and 17 in house training programs to make students ready to step in corporate world.

Governance, Leadership and Management :

Management has evolved a four-fold mechanism of governance to develop Institutional leadership:

Apex level: Management and Governing body: Strategic planning including policy direction and resource mobilisation

Primary Level: The Principal and College Academic Council(CAC): To direct, motivate and control the entire Institute functioning.

Secondary Level: Head of the Departments, In charge of various Functional Units: Effective and Efficient functioning of their respective Departments and Units

Tertiary Level: Faculty coordinators for various activities: Effective and time bound discharge of duties as par the direction of the CAC.

Institutional Values and Best Practices :

Institute has developed a set of best practices in tune with its core ideas and created a positive impact on entire teaching learning process.

Nurturing of leadership is one of the core value and the establishment of vibrant and active forums to translate this idea in to reality is an example of such well thought practices.

Industry sponsored laboratories like SAP ACADEMY, CISCO NET ACADEMY, Entrepreneurship Program (TEP) in association with Indian School of Business(ISB) and IoT lab are few initiatives taken by the Institute to encourage innovative thinking among the students

Avishkar to Aakar- Total transformation of students

Avishkar is a paper presentation competition being conducted from last 7 years exclusively for fresher's where more than 300 participants acquire the presentation skills every year. This is the same activity which received the appreciation from IEEE at International level in the form of Darrel Chong Student Activity Award (Gold Prize) in 2012.

The journey which starts with basic presentation skills enriches in next three years with various value-added programs, activities, interactions and Industrial exposure.

Aakar is the exhibition cum competition of the projects and working models designed and developed by final year students. This is an event where outgoing student of each branch showcase their talent and technical skills. This gives them an opportunity of wide interaction with Industry experts, parents and academicians from various colleges.

Profile

BASIC INFORMATION

Name and Address of the College	
Name	Vignana Bharathi Institute of Technology
Address	Aushapur (V), Ghatkesar (M), Medchal District
City	Hyderabad
State	Telangana
Pin	501301
Website	www.vbithyd.ac.in (http://www.vbithyd.ac.in)

Contacts for Communication

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	G.Amarendar Rao	08415-200419	9989395570	-	principal@vbithyd.ac.in
Professor	Jayant kulkarni	08415-200320	9966872351	-	vbithyd@gmail.com

Status of the Institution

Institution Status	Private
--------------------	---------

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details
Date of establishment of the college

University to which the college is affiliated/ or which governs the college (if it is a constituent)		
State	University name	Document
Telangana	Jawaharlal Nehru Technological University	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/iiqa/university)

Details of UGC recognition	
Under Section	Date
2f of UGC	13-05-2015
12B of UGC	13-05-2015

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI	
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme
AICTE	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/iiqa/sradocuments/10150_1)

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location *	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Aushapur (V), Ghatkesar (M), Medchal District	Semi-urban	15	35000

ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No. of Students Admitted
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	240	198
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	120	86
UG	BTech,Computer Science And Engineering	48	Intermediate	English	240	209
UG	BTech,Information Technology	48	Intermediate	English	60	53
UG	BTech,Mechanical Engineering	48	Intermediate	English	120	79
UG	BTech,Civil Engineering	48	Intermediate	English	120	86
PG	MBA,Master Of Business Administration	24	Graduation	English	120	64

Position Details of Faculty & Staff in the College
Teaching Faculty

	Professor				Associate Professor				Assistant Pro	
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female
Sanctioned by the UGC /University State Government	0				0					
Recruited	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0					
Sanctioned by the Management/Society or Other Authorized Bodies	26				46					
Recruited	21	5	0	26	33	13	0	46	88	98
Yet to Recruit	0				0					

Non-Teaching Staff

	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				42
Recruited	27	15	0	42
Yet to Recruit				0

Technical Staff

	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				33

Recruited	27	6	0	33
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	17	5	0	11	1	0	1	0	0	35
M.Phil.	0	0	0	0	2	0	0	0	0	2
PG	4	0	0	22	10	0	87	98	0	221

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties

Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	119	2	0	0	121
	Female	84	0	0	0	84
	Others	0	0	0	0	0
UG	Male	2020	5	0	0	2025
	Female	974	0	0	0	974
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	95	68	58	57
	Female	30	29	16	22
	Others	0	0	0	0
ST	Male	43	32	34	38
	Female	10	14	7	4
	Others	0	0	0	0
OBC	Male	318	259	231	286
	Female	133	125	94	104
	Others	0	0	0	0
General	Male	260	255	291	222
	Female	169	180	179	134

	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1058	962	910	867

QIF

1. Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Answer:

- The governing body in its periodic meetings give specific directions and design guidelines in regard of effective curriculum delivery and strengthening Teaching and learning process
- Internal Quality Assurance Cell (IQAC) prepares the set of general guidelines to be followed by all Departments to follow the curriculum delivery process.
- Department Advisory Committee will discuss these guidelines. Apart from that, it receives input from various stakeholders regarding strengthening of curriculum. Based on the suggestions from Alumni, Industrialists and students, Department Advisory Committee will suggest the topics to bridge the gap in the curriculum to meet the industry needs. DAC will also suggest the thrust areas of activities (Guest Lecture, Workshops and Seminars etc.) to the respective Department
- College Academic Council will finalize the time bound plan of academic program which consists of three phases: 1. **Preparation (Planning of additional topics and content)**, 2. **execution of curriculum delivery and 3. Analysis of the curriculum delivery through feedback process.**
- Based on the guidelines of Department Advisory Committee and following the schedule prepared by College Academic Council, all faculty members prepare course files for each subject and develop Lab. Manuals for all labs and these are periodically audited and modified with new

developments in the field of technology. 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 to make it available to all the students.

Contents of course files are as follows:

- Academic Plan
 - Faculty Profile
 - Course Objectives
 - Course Outcome
 - Programme Educational Objectives (PEOs)
 - Programme Outcomes (POs)
 - Syllabus
 - Prescribed by University
 - GATE
 - IES
- Course Pre-Requisites
- Missing Contents
- Topics Beyond Syllabus
- References
 - Text books
 - Websites
 - Journals
 - Subject expert detail
- Question Bank
- Seminar Topics
- Assignment Questions
- Tutorial Questions
- Lesson Plan
- Time Table
 - Academic Time Table
 - Departmental Time Table
 - Individual Time Table
- Notes & Material
 - Lecture Notes
 - Handouts
 - Running Notes of student
 - Power point Presentations
 - OHP Slides
 - Any other relevant material which is beyond the syllabus
- University question papers of present and previous two years (regular & Supplementary)
 - Sample Copies of Tutorial sheets conducted & evaluated (Minimum 8 tutorial classes)

- Sample Copies of Assignment sheets

Conducted & evaluated (2 Assignments per semester)

- Sample Copies of Make Up tests conducted & evaluated
- Details of Remedial Classes conducted
- Internal Assessment as prescribed by University(Two Exams per semester)
 - Question Papers
 - Evaluated Sample copies of answer
- ○ Marks List
- Attendance Register(s)
- Lab Manuals
- Sample copy of Student Lab Record

CD containing soft copy of all the above mentioned documents.

- A detailed lesson plan and lecture notes are prepared in all the subjects by the faculty members concerned and frequent departmental meetings are conducted to ensure effective curriculum delivery as per lecture schedules.
- Syllabus coverage sheets are prepared every week to monitor the syllabus coverage as per schedule
- Department faculty members are encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions and also arranging workshops, seminars, industrial visits apart from regular/traditional teaching methods. Faculty members are advised to prescribe the method of instruction delivery for each topic at the time of preparing the lecture schedules.
- AV Classes are scheduled every week for two hours to make students more interactive with the subject and let them know the latest trends and technologies.

Detailed list of AV-Classes –

<http://www.vbithyd.ac.in/2013-14/pdf/AV%20CLASES.pdf>
(<http://www.vbithyd.ac.in/2013-14/pdf/AV%20CLASES.pdf>)

- About eight Tutorials per subject are conducted in separate Tutorial sheets to make students clarify their doubts.
- About two Assignments are conducted per subject in separate Assignment sheets which cover topics beyond regular curriculum
- Depending on the lesson plan prepared by the faculty member, suitable numbers of periods are allotted in the class time tables to see that the curriculum delivery is finished within the instruction period given by the affiliating university.
- The college follows scrupulously the **academic calendar** of affiliating university for instruction delivery. Besides, it also prepares its own **activity calendar** incorporating the various activities of the college and also individual departments. Frequent review meetings are conducted at

the department level and also at the college level to assess whether the activities are being conducted as per the academic calendar.

support mechanism to teachers from the institution for effectively translating the curriculum and improving teaching practices?

- Under the guidance of Head of the Department and Senior Professors and following the guidelines of Department Advisory Committee (DAC) each faculty member of respective Department prepares an academic plan for the subject allotted to him/her for the semester
- Based on this academic plan prepared by faculty members, Department prepare its activity calendar which consists of the schedule of various academic programs like Guest lecture, workshop and seminars etc.
- IQAC conducts a full day workshop before the commencement of each semester to train the faculty members about proposed practices for effective teaching learning method
- All the Departments are equipped with resources like Seminar Hall, Internet, Projectors& OHP to promote better teaching
- The Departments also conduct workshops / refresher courses on latest topics and encourage the faculty to participate in those workshops. Further, the college also deputed faculty members to various workshops held at other institutions in this regard.
- Faculty members who attended such workshops have to give a presentation (on the topic of the workshop attended) in monthly R & D meeting.
- Academic leave is granted to all those faculty members attending workshops/seminars and also bears the expenditures incurred towards registration fee, traveling and boarding as per the guidelines mentioned in policy book
- College offers a membership of professional societies (IEEE,IETE etc.) to identified faculty members
- The College regularly organizes teacher training program and interactive sessions between the faculty members of the individual departments and the experts invited from industry and premier institutions like NITs and various industries are arranged.
- The College also arranges lectures on research methodologies by eminent academicians to promote research activities in the departments and also to enrich their delivery of curriculum incorporating research aspects of the subjects.
- The College library procures text books suggested by the faculty members and also subscribes to various journals and technical magazines to provide effective tool for the instruction delivery. Lectures of eminent professors on various subjects will be procured for the library and makes them available in the central and department libraries for the use of faculty.
- In order to motivate faculty and students of the latest trends in higher learning and research work , the Library Committee members are

approaching to make an attempt in bringing out a bulletin called VIGNANA SHODHANA .This is a collection of research and project works published in journals and will be released periodically from library

- The advanced Labs setup in the college and latest equipment is procured in various labs of the departments to promote research among the faculty members and also to strengthen the curriculum delivery by way of conducting practical.
- Faculty can take advantage of Incubation Center and Center of Excellence to perform R&D activities and also guide students.
- The library and computer centers are kept open from 8:00 am to 6:00 pm to facilitate the staff member to prepare and update the course contents and also subscribes to a large number of journals for usage by the faculty.
- The University conducts workshops for the faculty members of affiliated colleges, whenever it introduces new curriculum. Even Departments are taking initiation to organize various workshops at university level to discuss the scope of revised curriculum.

File Description	Document
additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.1.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/academics/almanac/)

1.1.2 Number of certificate/diploma program introduced during the last five years

Answer: 10

1.1.2.1 Number of certificate/diploma programs introduced year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
04	02	02	01	01

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150)
Details of the certificate/Diploma programs	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150)

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Answer: 6.17

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
23	16	14	10	08

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.1.3_)

Details of participation of teachers in various bodies

View Document
(https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.1.3_

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Answer: 15.38

1.2.1.1 How many new courses are introduced within the last five years

Answer: 02

File Description	Document
Details of the new courses introduced	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.2.1_
Minutes of relevant Academic Council/BOS meetings.	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.2.1_

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Answer: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Answer: 07

File Description	Document
Name of the programs in which CBCS is implemented	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.2.2)

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Answer: 90.3

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
900	950	900	780	700

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1)

Any additional information

View Document
(<https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1>)

1.3 Curriculum Enrichment

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

Answer:

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

- The core group of the Institute has a clear vision about the real purpose of the education
- 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. Almost each student of the Institute becomes member of one of the groups.
- The activities of each forum are so designed that along with main purpose of the forum, few common goals are achieved effectively.

Main goals of various forums:

Sr.No.	Forum	Purpose
1	IEEE, IETE, All Branch Associations	Technical skill and knowledge, Professional Ethics
2	Dyuthi (NSS unit) and Street cause	Social commitment and leadership
3	Viranchi (forum for performing arts), Aashay (film club)	Talent in the field of arts and culture
4	Sport club	Team work and physical fitness
5	StuTalk-News letter	Creative writing

6	Harith-Environmental club	Awareness about Environmental issues
7	Ganith-Mathematics club	Logical and analytical skill

Common aspects of activities and goals:

Sr. No.	Nature of the activity	Purpose being served
1.	Combine group of boys, girls and faculty members which forms the executive committee of the respective forum	Gender equality, Inclusion and Team work
2	A meeting of the committee to plan the activities with estimated budget for an academic year	Analytical skill, financial discipline and the habit of advance planning
3	Presentation of the plan in the meeting of SAC and CAC for approval	Presentation skill
4	Publicity of the events before the program	Planning
5	Emphasis on DO's and DON'Ts for each program (Optimum usage of resources, no to plastic etc.)	Environmental awareness
6	Finalisation of resources persons	Communication skill and networking of experts in the field
7	Written Agenda of each program	Minute to minute plan, punctuality
8	Actual execution of the program	Public speaking skill, on stage and off stage management
9	National songs at the beginning or at the end of the program	Patriotism

10	Press note for publicity	Drafting skill and public relation
11	Preparation of activity record file in a given format to IQAC	Habit of perfect documentation, transparency
12	Submission of statement of account to the accountant with bills	Financial discipline, Accountibility and Taransparancy

- o The College organizes annual ECO-Fest to create environmental awareness among the students on the occasion of world ozone day.
- o 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
- o For Independence Day and Republic Day Celebrations students participate in large numbers.
- o It 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.
- o 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)
- o Blood Donation Camp is being organised every year

File Description	Document
Any Additional Inormation	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.3.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/forums/)

1.3.2 Number of valued added courses imparting transferable and life skills offered during the last five years

Answer: 14

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during last five years

Answer: 14

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.3.2_
Details of the value-added courses imparting transferable and life skills	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.3.2_
Brochure or any other document relating to value added courses.	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.3.2_

1.3.3 Percentage of students undertaking field projects / internships

Answer: 21.36

1.3.3.1 Number of students undertaking field projects or internships

Answer: 800

File Description	Document
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.3.3_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.3.3_

1.4 Feedback System

1.4.1 Structured feedback on curriculum obtained from

1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents

For design and review of syllabus semester wise/ year wise

Answer: A.Any 4 of the above

File Description	Document
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.4.1

Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.4.1)
----------------------------	--

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

Answer: B. Feedback collected, analysed and action has been taken

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/1.4.2_)

2.Teaching-learning and Evaluation

2.1 Student Enrolment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Answer: 2.39

2.1.1.1 Number of students from other states and countries year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
08	08	14	47	30

File Description	Document
List of students (other states and countries)	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.1.1_
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.1.1_

2.1.2 Average Enrolment percentage

(Average of last five years)

Answer: 73.33

2.1.2.1 Number of students admitted year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1058	962	910	867	888

2.1.2.2 Number of sanctioned seats year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1362	1290	1464	1320	1026

File Description	Document
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.1.2_

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Answer: 79.77

2.1.3.1 Number of actual students admitted from the reserved categories year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
634	531	446	518	503

File Description	Document
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.1.3_

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Answer:**The institution identify and respond to special educational /learning needs of advanced learners:**

- A well-laid out and streamlined mechanism is present for continuous monitoring and evaluation of the students. This system helps the teachers to identify advanced learners based on the performance in internal exams, attendance regularity and the performance in class tests, Assignments and Tutorials.
- 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.
 - To take up industry based projects.
 - To identify the emerging technical areas and organize various events relating those areas.
 - 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.
 - To nurture the students so that they become leaders of various professional bodies at section and state level.
 - 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.
 - Encouraging them to prepare for competitive examinations like GATE,CAT etc.,
 - Encouraging them to participate in classroom seminars, group discussions, technical quizzes etc. for developing analytical, problem solving and presentation skills.
 - Motivating to access latest online journals, reference materials and help them to understand the emerging trends in their field of study.
 - Training to use audio visual aids like power point, charts and models for effective presentation.
 - Motivating to participate in in-house research activities. For this Incubations Centers are started. The goal of Incubation Center is to facilitate practical application of knowledge for public use. This is to facilitate the creation of ideas and inventions that benefit society. To this end, VBIT has developed this Incubation centre to provide guidance and management structure to facilitate development of Knowledge. Every year a test is conducted (On the basis of Technical Skills and Mental ability) for II Year students and 20 students are selected. They continue in this centre till their III-II semester.

- Encouraging them to participate in national level paper contests, seminars and project exhibition competitions.
- Providing opportunity to develop their creativity by organizing inter collegiate and state level cultural, literary, technical and sports competitions.
- Encouraging them to take specialized training through certificate courses.
- Appointing them as student representatives at the department level committees to develop leadership skills.
- Assistance in helping the slow learners especially during the conduct of tutorials which will enhance their communication skills.
- Pre-placement training (PPT) classes are conducted to improve their performance in the placement interview.

The institute collect, analyze and use the data and information on the academic performance (through the program duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.):

- The College is practicing mentor-student counseling pattern (1:20) from last four years. The mentoring registers are prepared which indicates the academic record of all the students which belong to the above mentioned groups.
- Based on the performance in first mid exams, slow learners are identified
- Mentors develop a rapport with the concerned students through personal interactions
- Mentors talk with their parents to make the interaction more effective and result oriented.
- Mentors are informed to provide special attention towards this group of students. **The purposes are as follows:**

1. To maintain the spirit of teaching learning process at par with others
2. To assist them in pursuing their goal
3. To prevent the cases of detention because of lack of attendance or dropouts because of lack of interest in education

Following measures are taken to achieve the same:

1. Special subject classes after the college working hours
2. Spoken English classes to boost the confidence level
3. Periodic counseling
4. Involving them in to their field of interest and then motivate them for good academic performance

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.2.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/value-added-training-courses/)

2.2.2 Student - Full time teacher ratio

Answer: 14.63

File Description	Document
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.2.2_

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Answer: 0.03

2.2.3.1 Number of differently abled students on rolls

Answer: 1

File Description	Document
------------------	----------

Institutional data in prescribed format

View Document
(https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.2.3_

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

Answer:

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

- The thrust is given to make the entire teaching learning process student centric. The required logistic support is available in each Department.

1. Interactive learning:

- Through E-CAP, Students can have access to various information regarding Marks, Academic Plan, Attendance, Library etc.
- Each Department conducts Guest lectures on the topics in or beyond the syllabus as mentioned in academic plan of each subject.
- Class seminars are conducted in each semester (per sem-12 hours)which are evaluated by faculty members
- Mentors are regularly interacting with a group of 20 students in a respective class and communicate the significant feedback (if, any) to the concern faculty member through HOD
- Faculty members are teaching few topics based on group discussion, quiz etc.
- SMS and mails are sent to all the students regarding important sessions, programs, holidays etc. SMS are also sent to parents daily regarding their wards attendance.
- There is a provision of separate e-classroom and seminar hall for each department and all labs are with LAN connect
- Interactive E-Cap portal
- Interactive library web portal
- **Collaborative learning**

- College has an exclusive digital library consisting 30 systems where students can access e-lectures, e-books, e-journals 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 spacious and well stacked library with required facilities like reading place, journal section, reference book section, textbook section and literature section etc.
- Each Department is having well equipped labs and also provides incubation centers to cater the need of bright students

The institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators:

- Realising the importance of development of critical thinking, creativity and scientific temper among the students, Institute has developed a two fold strategy:
- **1. Establishment of Project labs and IoT centers at Department level**
- **2. Establishment of Students Activity Center at Institute level**

Details of various academic and administrative bodies that have student representatives on them:

Institute wants to establish a teaching learning process entirely student centric. As a part of this policy student representation in each aspect is very important. Following are the various committees where they have a specific role to play:

- **Academic:**
- Class Representatives
- Library Committee
- T&P, ED and CG Cell
- **Administrative :**
- Anti Ragging committee
- Women Grievance Redress Committee
- **Other forums:**
- All the 22 forums working under Student Activity Center (SAC)

Apart from this Institute makes the student involved in all important discussions in following ways:

- Their expectations about the need and content of value addition programs
- Functioning of labs and Incubation Centers
- All the events to be conducted at College and Department level

Experiential Learning:

1. Additional Experiments at laboratory level
2. Project Labs at Department level
3. Assignments at class room level

Problem Solving:

1. IoT Lab to design and develop indigenous projects

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.3.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/central-library/)

2.3.2 Average percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Answer: 78.13

2.3.2.1 Number of teachers using ICT

Answer: 200

File Description	Document
List of teachers (using ICT for teaching)	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.3.2

Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.3.2)
Provide link for webpage describing the " LMS/ Academic management system"	View Document (http://172.168.150.3/ecap/main.aspx#)

2.3.3 Ratio of students to mentor for academic and stress related issues

Answer: 20.81

2.3.3.1 Number of mentors

Answer: 180

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.3.3_)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.3.3_)

2.3.4 Innovation and creativity in teaching-learning

Answer:

Details of innovative teaching approaches/methods adopted by the faculty and the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning:

- All the Departments and all the computer labs are provided with internet facility.
- The college has 10 Wi-Fi enabled zones.
- Each Department has an exclusive well equipped seminar hall and e-classroom.
- Library is having interactive portal through which students and faculty members can access any required information.
- Availability of teaching aids like OHP, LCD projectors, Internet enabled computer systems.
- Availability of computer software packages for analysis and experimental work of the projects of the students
- Faculty members prepare and upload the academic plan of their respective subject(s) on E-CAP which can be accessed by students of the respective class
- Many faculty members' gives assignments and tutorials online to the students along with the list of the topics covered in that particular unit and also hints to solve problems.

Few Examples:

1. Mr. E. Prasad of H&S Department created a mathematics blog named pmat07.blogspot.in using which every student can access the material and leave any messages regarding that.
2. Mr. Rajiv Dayal Singh of H&S Department conducts interactive sessions with students outside the classroom in Lawns.
3. Mrs. Swarupa Rani of H&S Department conducts group discussions, debates etc. in an innovative way. She makes the students from vernacular backgrounds also to actively participate in the events.
4. Prof. S.V.Ramana of MBA department and his staff members makes students to undertake small live projects throughout the semester

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.3.4_

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Answer: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.4.1_

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Answer: 10.33

2.4.2.1 Number of full time teachers with Ph.D. year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
37	28	20	16	16

File Description	Document
------------------	----------

List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.4.2_
--	--

2.4.3 Average teaching experience of full time teachers in number of years

Answer: 0.06

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Answer: 0.29

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
---------	---------	---------	---------	---------

02	0	0	0	01
----	---	---	---	----

File Description	Document
e-copies of award letters (scanned or soft copy)	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.4.4_
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.4.4_

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Answer: 19.29

2.4.5.1 Number of full time teachers from other states year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
40	48	38	47	36

File Description	Document
------------------	----------

List of full time teachers from other state and state from which qualifying degree was obtained

View Document
https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.4.5_

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Answer:

Evaluation Process and Reforms:

The institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes:

- Periodic Evaluation forms the backbone of entire teaching learning process
- Administration, Students, faculty members and parents are four important stakeholders of this process
- Academic section of which the Examination branch is an integral part, is always in contact with JNTUH regarding rules and regulations of the evaluation process
- Evaluation takes place at two levels: Internal and External
- The general rules are published in the handbook of the Institute
- Changes in the rules are informed to faculty members in the Departmental or central meetings or by circulars. Students are informed about the same by displays on notice board and website. SMS alerts are send to parents through E-Cap portal
- The result of evaluations are made available on E-Cap
- Students can assess the information regarding their performance through log-in facility on E-Cap
- Training and Placement Cell keep the track of academic record of the students for placement assistance to them
- Mentors are advised to use the information (performance of the student) available on E-Cap while counseling the respective student

The major evaluation reforms of the university that the institution has adopted and the reforms initiated by the institution on its own:

- Institute follows the guidelines laid down by University regarding the evaluation process

Salient features of this process are:

- Two phases of evaluation-Internal and External
- Distribution of marks-25% and 75%
- Assignments are evaluated as Internal evaluation
- Mini and Major projects are also evaluated on Internal and External basis
- Institute has developed its own scheme of marks for the internal evaluation of lab courses. The following parameters are assessed while distributing the marks:

1. Regularity in labs
2. Record and observations
3. Knowledge of the concept

The institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own:**Part-1**

- Institute makes the students aware about the evaluation process well in advance
- The details are mentioned in hand book
- Any changes in the scheme are displayed on notice boards and on website

Part-2

- Institute prepares the students for the examination in following ways:
 1. Tutorials for each subject
 2. Make up tests before the final examination
 3. Counseling for the weak students

Part-3

- Institute conducts the examination strictly by following the rules of University
- The internal performance of students is displayed on notice 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, selected records and manuals are well preserved at examination branch and IQAC
- Students can apply for reevaluation and recounting to the University if he/she is not satisfied with the evaluation of final examination

Details on the formative and summative evaluation approaches adapted to measure student achievement.

Details and Impact of Formative evaluation process-

- Minimum two assignments are given in a semester
- IQAC gives the clear guidelines about the nature and purpose of the assignments to all faculty members at the very beginning of the semester
- Assignment sheets of uniform formats are distributed to students through central store.
- Enough time is provided to the students for submitting the assignment sheets
- Sheets are returned to the students with remark and mark after the evaluation
- Class seminars are conducted thrice in a semester (9hours/sem) in which each student has to present the topic once.
- Concern in charge prepares the schedule of entire semester at the beginning of the semester
- Seminars are evaluated by senior faculty members in the Department and their observations are shared with concerned students immediately after the seminars
- The same observations are written in the seminar evaluation book of the respective class

The practice of class seminars has a significant positive impact on the communication, presentation and technical skills of the students

Details of Summative evaluation process-

- As per the guidelines laid down by University, college has to conduct two internal tests per semester. This includes one subjective and one objective test
- Answer sheets are evaluated by concerned faculty members and shown it to the students
- This process makes the students to study regularly

University conducts main examination at the end of the semester

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Answer:

- Examination branch conducts the Internal tests following the guidelines given by University
- Department conducts assignments and lab internals
- The mark lists will be prepared by Academic Section and the copies will be sent to respective Departments and Principal office.
- Internal and external examination marks are always assessable to the respective student through E-cap portal
- The marks and attendance of the group of 20 students will be sent to concerned faculty mentor for the sake of appropriate counseling
- Institute organizes parent teacher meet, once in a semester, where the parents are informed about the performance of their ward
- Institute maintains utmost transparency in the examination and subsequent evaluation process

The significant provisions made in ensuring rigor and transparency in the internal assessment

- Internal assessment evaluation process is fair and thoroughly transparent. The criteria adopted are as prescribed by the University.
- All the students are well informed about the transparency in internal assessment. The performance of students in each subject is evaluated through internal tests (subjective+ objective+ assignments) and university end exams.
- For R-16 regulation Internal and external examinations are conducted for 25 marks and 75 marks respectively.
- Two internal examinations are conducted for every semester. Each internal examination consists of one descriptive, one objective test and Assignment for each subject. The average of two will be considered as final one.
- The descriptive test is conducted for 10 marks, objective for 10 marks and Assignment for 5 marks.

File Description	Document
Link for Additional Information	View Document (http://vbithyd.ac.in/academicsection/)

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

Answer:

The mechanisms for redressal of grievances with reference to evaluation both at the college and University level:

At college level:

- Institute maintains complete transparency in this process. Head of the Department supervise the evaluation process to make sure that evaluation should be completed within a stipulated time frame (within 5 working days after the examination) and with no bias approach
- After the correction, concerned faculty member shows the corrected answer scripts to the class, discuss with the students in case of any discrepancy and then finalize the marks
- Final list of the marks will be displayed on notice board and same will be uploaded on E-cap portal
- All the answer scripts preserved by Examination branch till the respective batch is passed out

At University level:

- The student is entitled to apply for revaluation in theory subjects by paying the prescribed fee to the University. The University takes up all such applications and reevaluates the scripts by competent subject teachers. However, if there is no improvement earlier marks will be retained.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Answer:

- Institute follows the academic calendar circulated by JNTUH for all affiliated colleges
- Generally, Institute gets Instruction period of 16 weeks per semester to complete the prescribed syllabus
- First year courses (5 units each) have to be completed in an academic year while second, third and fourth year courses (8 units each) have to be completed in a duration of semester
- Each faculty member has to prepare a lesson plan which contains the schedule to cover the syllabus in a stipulated time frame
- Each class gets 42 hours (7x6) per week. The distribution is as follows:

30 hours: Theory courses

06 hours: Lab courses

02 hours: Sports

02 hours: AV Classes/Library/Internet

02 hours: Seminars

- IQAC monitors the uniform coverage of syllabus in each class. It has prepared a standard format for this purpose. The information is reviewed by CAC in its meetings and following measures are suggested in case of any obstacle (unforeseen causes, personal reasons of the concerned teacher, understanding level of the students of a certain class etc.) in the coverage of the syllabus:

1. Substitution of sports/AV/ Seminars by theory classes at the flag end of the semester
2. Extra hours for the subject which is lagging behind(4.30 to 6.00pm)

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.5.4_
Link for Additional Information	View Document (http://vbithyd.ac.in/academics/almanac/)

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Answer:

All departments in the institute have defined their POs, PSOs, PEOs & COs 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 profile on the college website.

PROGRAM OUTCOMES (Common to all programs)

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (ECE-sample copy)

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

COURSE OUTCOMES (ECE-sample copy of one class)

Course Name: VLSI Course code: C412 Year of Study : 2015-2016

Course code	Course outcome
C412.CO1	Explain about integrated circuits using MOS Transistors and com properties of MOS circuits.
C412.CO2	Draw the stick diagrams of logic circuits and apply design rules to IC.
C412.CO3	Draw the stick diagrams of logic circuits and apply design rules to IC.
C412.CO4	Design building blocks of data path using gates and various mem MOS transistors.
C412.CO5	Design simple logic circuits using PLA,PAL and explain the archit FPGA and CPLD and the concepts of testing and improvements 1 testability of sys

Each faculty member prepares the academic plan for their respective courses at the very begining of the semester. POs, PSOs and COs are the part of this academic plan. These plans are uploaded on e-governance (e-cap) portal. All the students have given assess to this portal. Apart from this, all POs and PSOs are displayed at various locations at Department and Institute. The same are also made available on college website.

File Description	Document
-------------------------	-----------------

Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.6.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/cse-program-outcomes/)

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Answer:

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

1. Direct Assessment (80%)

- Assignment
- Internal Examination
- Semester end examination

This process includes following three components

1. Assignment (5%): The students are assigned to solve several problems related to respective courses; one assignment per unit in the course. The assessment will be done based on their performance.
 2. Internal Examination (20%): This type of performance assessment is carried out during the examination sessions which will be held twice in a semester. Each and every internal examination is focused in achieving the course outcomes.
 3. Semester End Examination (75%): Semester End examination comprising entire syllabus of the course is a measure for assessing whether the entire COs are attained or not.
- 2. Indirect Assessment (20%)**

- Students feed back
- Course Assessment
- Exit feed back
- Feed back from recruiters
- Event Feedback

Description of Indirect Assessment:

- **Feed back from Students –**

1. Online feed back about over all teaching performance of each faculty member allotted to the respective class will be conducted in the Internaldle of the semester.
2. Analysis of the feed back will be carried out by Internal Quality Assurance Cell (IQAC) and shared it with faculty members through HOD.
3. HOD and Principal will discuss in person with faculty members whose performance is not satisfactory.
4. Questions included in the feed back form will be mapped with concerned POs and attainment level of POs will be identified by Departmental Assessment Committee.

- **Course Assessment –**

1. At the end of the semester online assessment of learning of course outcomes for each subjects will be conducted.
2. Course Outcomes involved in the assessment process will be mapped with POs with indication of attainment level.

- **Exit feed back –**

1. The passing out batch of student will give feed back on various facilities provided to them and Teaching Learning parameters adopted during their stay in the college.
2. The questions involved in the feed back process are mapped with POs and PSOs with indication of attainment level.

- **Feed back from Recruiters –**

1. The recruiters will be provided with set of POs and PSOs of respective department .
2. Training and Placement Officer will identify the PO and PSOs attainment level based on weightage given by recruiters.

Events Feedback:

- For the overall personality development of students and to make them technically sound institute and department have established various Activity Clubs under Student Activity Center (SAC)
- These clubs prepare their activity schedule at the beginning of semester.
- The main purpose of these activities is to inculcate moral and ethical values among students and also to nurture leadership qualities. Thus, such activities are instrumental in fulfilling certain Program Outcomes (POs).

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	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.6.2_

2.6.3 Average pass percentage of Students

Answer: 82.26

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

Answer: 2746

2.6.3.2 Total number of final year students who appeared for the examination

Answer: 3338

File Description	Document
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.6.3_

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Answer:

File Description	Document
Database of all currently enrolled students	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/2.7.1_

3. Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years

Answer: 25

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during last five years(INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	10	15	0	0

File Description	Document
------------------	----------

e-copies of the grant award letters for research projects sponsored by non-government	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.1.1_
List of project and grant details	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.1.1_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.1.1_

3.1.2 Percentage of teachers recognised as research guides at present

Answer: 4.3

3.1.2.1 Number of teachers recognised as research guides

Answer: 11

File Description	Document
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.1.2_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.1.2_

3.1.3 Average number of research projects per teacher funded by government and non government agencies during the last five years

Answer: 0.02

3.1.3.1 Number of research projects funded by government and non-government agencies during last five years

Answer: 12

File Description	Document
Supporting document from Funding Agency	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.1.3_
List of research projects and funding details	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.1.3_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.1.3_

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Answer:

Institute nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators:

- Realising the importance of development of critical thinking, creativity and scientific temper among the students, Institute has developed a two fold strategy:

1. Establishment of Incubation centers/ IoT labs/ Project labs at Department level

2. Establishment of Students Activity Center at Institute level

Incubation Center

Under the umbrella of Research and Development Center, Incubation centers have been created for innovative projects (2012-2017)

ECE Department:

In this regard we reached up to some level. We successfully developed some projects. Some are as given below.

- LCD Based Electronic Voting Machine.
- RFID Based Ration card System.
- Ultrasonic Robot.
- Fire Alarm Systems.
- Automatic Room Light Control and Visitor counting.
- For Automatic sensor tap
- Automatic Night lamp with morning alarm
- Digital clock without micro-controller
- Anti sleep alarm
- Infrared wireless remote control

EEE Department:

- Vehicle speed limit alerting and crash detection system at various zones
- GSM based energy meter billing and load control
- Underground cable fault distance locator
- Minimizing penalty in industrial power consumption by engaging APFC unit
- Android mobile phone controlled blue-tooth robot using arm
- Microcontroller Based Solar Smart Charge Controller Using MPPT
- Implementation Of Perturb And Observe (P&O) Method To Make The Maximum Power Point Using Buck Converter
- Automatic Power Factor Correction Using Capacitive Bank
- A Model Of Generation Of Electricity By Exhaust
- Arduino Based Circuit Breaker
- Home Appliance Control System Based On Android Mobile.
- Voice And Gesture Based Home Automation System For Physically Challenged People
- Speed Checker to Detect Rash Driving On Highways

CSE & IT Department:

- A data mining project based on MBLM data.
- Data Analytics on Employee attrition using R
- Book My Event
- Automation of Faculty Monitoring

- Vehicle Location Tracker
- Refine Redundant dispatchs from online social networks
- Automatically Mining Facets For queries From Their Search Results
- An attribute assisted Re-ranking for web image search
- GAD(General Administration Department)Automation System
- UOH HEALTH CENTER AUTOMATION SYSTEM
- Secure Data Retrieval for Decentralized Disruption-Tolerant Military Networks

Department of Mechanical Engineering:

Wind Mill:

The Project is executed by 20 students of 3 different branches,

- 13 students from Mechanical Engineering - Manufacturing of Structure and Blades
- 5 students from Electrical Engineering - Generator
- 2 students from Electronics Engineering - Speed Control and Circuit Design

Wind Mill and other working models prepared at Incubation Centers

The projects conducted by students under the department are

- Bombing aeroplane
- Combat robot for war field
- Self charging electric vehicle
- Design and manufacturing of critical aerospace hardware

Department of CIVIL Engineering:

The projects conducted are as follows:

- Design of skyways
- Sewage Treatment plant
- Previous concrete
- Low cost building techniques
- Circular runway
- A project on auto desk

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.2.1_

Link for Additional Information	View Document (http://vbithyd.ac.in/value-added-training-courses/)
---------------------------------	---

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Answer: 42

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
9	9	8	13	3

File Description	Document
Report of the event	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1015)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1015)
List of workshops/seminars during last 5 years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1015)

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Answer: Yes

File Description	Document
Institutional data in prescribed format	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.1_

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Answer: Yes

File Description	Document
e- copies of the letters of awards	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.2_
List of Awardees and Award details	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.2_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.2_

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Answer: 1.55

3.3.3.1 How many Ph.Ds awarded within last five years

Answer: 17

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.3_
URL to the research page on HEI web site	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.3_

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Answer: 0.02

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
17	11	1	0	1

File Description	Document
------------------	----------

List of research papers by title, author, department, name and year of publication	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.4_
--	--

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Answer: 0.03

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
4	8	3	4	14

File Description	Document
List books and chapters in edited volumes / books published	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.5_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.3.5_

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Answer:

The institute promote institution-neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students:

- The college has NSS unit with a total strength of 100 members, affiliated to Jawaharlal Nehru technological University (JNTU), 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 is an all student NGO with an aim to help underprivileged in the best way possible. It is a perfect platform for all those enthusiastic and passionate youngsters to do the little they can to bring about the desired change in the society. Street Cause (VBIT) has won the “Best Youth Organization Award” in the year 2010. which include the prestigious Hyderabad Youth Assembly
- ECO-CLUB of VBIT is a green initiative by the students of the college to create awareness about the importance of clean and healthy environment. “Clean and Green” is their motto. The club members conduct meetings at various places to explain the benefits of keeping their surroundings clean.
- Women In Engineering (WIE) is the affinity group associated with IEEE-VBIT SB which is a branch of professional society established during 2006.Under STAR program this group interacts regularly with the students in local community and makes them aware with basic technologies.for this unique activity, this group has awarded at International level.

Institutional mechanism to track student’s involvement in various social movements / activities which promote citizenship roles:

- There are committees of various activities like NSS, Eco club and street cause. The committees meet once in each semester and track students involvement in various activities. They see to it that all the activities are functioning properly and lead to promotion of students citizenship roles.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.4.1_
Link for Additional Information	View Document (http://www.ieeevbitsb.in/ieee-wie-ag/)

3.4.2 Number of awards and recognitions received for extension activities from Government /recognised bodies during the last five years

Answer: 2

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	1	0	0	1

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.4.2_

Number of awards for extension activities in last 5 years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.4.2_
e-copy of the award letters	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.4.2_

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Answer: 21

3.4.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
6	3	5	4	3

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/
Reports of the event organized	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Answer: 26.04

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
300	250	193	220	260

File Description	Document
Report of the event	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.4.4_
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.4.4_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.4.4_

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Answer: 14

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	11	2	0

File Description	Document
Copies of collaboration	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.5.1)
Number of Collaborative activities for research, faculty etc.	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.5.1)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3.5.1)

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years

(only functional MoUs with ongoing activities to be considered)

Answer: 11

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
5	2	1	2	1

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3)
e-copies of the MoUs with institution/ industry/ corporate house	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/3)

4. Infrastructure and Learning Resources

4.1 Physical Facilities

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

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

The promoter trust and Institute has clarity about the priorities and purpose while developing the Infrastructure. Following are the salient features of the policy:

1. There should be airy, adequate in size, acoustically well designed classrooms and laboratories
2. To make Teaching Learning process more effective there should be well equipped seminar halls, Auditorium, E-class rooms
3. Spacious and well designed library should support the process with inbuilt facilities like Digital library, AV class rooms, Reading halls etc.
4. To provide round the clock access to internet and e-services to students and faculty members.
5. To have a good play ground for various extra curricular activities
6. To provide with amenities like drinking water, canteen, transport, dispensary etc.
7. To have R&D Center to achieve the goals mentioned in the vision and mission statements of the Institute
8. Establishment of Incubation centers to make the students aware with high end technologies
9. To develop the Student Activity Center to nurture the leadership qualities among the students
10. There should not be any compromise about the standards of the equipments in various laboratories
11. There should be appropriate logistic support to various functional units of the Institute like-Administration, Academics section, T&P Cell, R&D Center etc.
12. There should be a clear and transparent purchase policy to achieve the above mentioned goals
13. **Year wise details of creation of various important facilities (other than Laboratories):**

14.

S.No.	Facility	Year
1	Separate block (Avishkar) for first year students	2007
2	Separate block (Prashasan) for Administration and Central Library	2009
3	Separate block (Trupthi) for cafeteria	2009

4	Drishti (Board room), Disha (T&P hall) and Athithi (Guest room)	2009
5	Establishment of well equipped health Centre	2010
6	Establishment of R&D Centre	2010
7	Student Activity Centre (SAC)	2010
8	Increase in Internet bandwidth (4 to 10 mbp)	2011
9	Separate block (Nirmithi) for Mechanical Engineering	2011
10	Establishment of centralized computer labs (Total capacity-360 systems)along with Computer Centre with 120 systems	2011
11	Establishment of Incubation Centers for ECE,EEE,CSE and IT Departments	2011
12	Creation of 4 well equipped AV classrooms in Central library	2012
13	Separate room for research scholars	2012
14	Up-gradation of facilities at Examination branch	2012
15	Creation of Basket ball court	2013
16	Renovation of central Auditorium (Chethana)	2013
17	Provision for IQAC set-up	2014
18	Separate block (Aakash) for Electronics and Communication Engineering	2014
19	Separate wing for centralized R&D activities	2014
20	Open stage in ground	2015

15.

21	Hostel for students	2016
22	Central Auditorium of 1000 capacity	2017

Details of classrooms, tutorials, seminar halls, library and laboratories:

Particulars			Number of Rooms	L x B of the room in mts	Clear Carpet area of Each Room (sq.m)
Class Rooms	UG	B.Tech.	60	9.14*7.22	66
	PG	MBA	4	9.14*7.22	66
		M.Tech.	6		33
Drawing Halls			2	30*6.01	180
Seminar Rooms	UG	B.Tech.	5	21.9*6.01	132
	PG	MBA	1	21.9*6.01	132
		M.Tech.	1	21.9*6.01	132
Computer Centre			1	13.72*10.28	141
Library			1	27.43*57.12	1567
All Laboratories/Workshops			54	9.14*7.22	66
Grand Total				-	19635

Classrooms:

- The institution has sufficient number of well-furnished, well ventilated, spacious classrooms for conducting theory classes.
- Class Room are spacious and ergonomically designed so that proper 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.

- o
- o **Technology enabled learning rooms:**
- o Each department in the college is provided with technology enabled classroom to facilitate engaged and active learning.
- o Each room has a seating capacity of 60 and they are provided with comfortable seating-
- o The Classrooms are also ideal for small seminars and workshops where the audio-visual facilities available help make presentations with a greater impact.
- o **Seminar Halls:**
- o Each department in the college has separate seminal hall to conduct conferences, workshops and symposia for students and faculty.
- o The main seminar hall, Chetana, has a seating capacity of 200 and is fully air conditioned. It is equipped with LCD projector, large screen and public addressing system.
- o **Laboratories:**
- o All laboratories are well equipped, and well maintained not only for carrying out curriculum-oriented lab practical but also to carry out research activities.
- o **Specialized facilities and equipment for teaching, learning and research:**
- o The college has exclusive English communication skills lab with 63 numbers of Pentium IV systems and licensed software's like English Language Lab Software, Aptitude, APSCHE, K-VAN Multimedia Language and GEMS.
- o Library Electronic Resource Management package for e-journals.
- o Federated searching tools to search articles in multiple databases in the Central Library.
- o In-house/remote access to e-publications in Digital Library.
- o E-learning facility is provided which covers a wide set of applications and processes, including computer based learning.
- o For self learning and learning beyond the syllabus, wide a range of reference books for all the subjects are available in the central library.
- o To promote the research activity among the students, the college has established **Incubation Centers** with state-of-the-art equipment in all the departments.

File Description	Document
------------------	----------

additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.1.1_
Link for Additional Information	View Document (http://www.zeal360.com/client/vbiethr/Facilities/Index.ht

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

Answer:

Sports, outdoor and indoor games, gymnasium:

- VBIT believes in Swami Vivekananda's principle of 'a sound mind in a 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.
- Two 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 provided and it is being used by the students regularly.

Available Facilities:

S.No.	Sport/Game	No. of Courts	Area	Facilities
1	Tennikoit Court	2	40 feet X 18 feet	Tennis Rings – 10
2	Throw Ball	1	60 feet X 40 feet	Throw balls – 2
3	Basket Ball	1	94 feet X 50 feet	Basket balls- 4

4	Volley Ball	2	18 Mts X 9 mts	Volley Balls – 12
5	Shuttle	1	44 feet X 20 feet	Shuttle rackets- 16 Nets – 4
6	Running Track	1	200 mts	Shotput-2, Discus Throw2, Javalin-2 and Long jump pit
7	Table Tennis	2(Boards)	-	Bats – 6 Balls – 20
8	Caroms	5 (Boards)		Coins – 6 sets
9	Foot Ball	1	100X80mts	Balls-2
10	Hockey	1	90x60 mts	
11	Cricket field	1	69 yds	Kit
12	Chess	10	-	Sets - 10
13	Cricket Nets	2	22X5 yds	-

Cultural Activities:

- The college encourages and lends a helping hand to develop the latent talents of students in cultural activities by providing departmental associations like **VIRANCHI - Cultural Club, FREAKS UNITED - Music Club, SRISHTI - Literary Club, AASHAY - Film Club** etc.
- As part of this, the college encourages participation of its students by sponsoring them to various literary and cultural meets.
- Departmental Associations conduct events aimed at overall development of the students.
- Institution has provided literary and cultural rooms with needed audiovisual equipment to conduct various activities for students.

- The Institution organizes an **annual two-day cultural festival VIBHA** as a part of annual day celebrations every year and conducts Literary and Cultural Activities, Sports and Games Activities. During VIBHA, performances by Veterans, Celebrities are also arranged in Dance, Drama, Mimicry, Mime, Music, etc.

Communication Skills Development:

- The college has two English language communication skills laboratory provided with 60 & 30 capacity respectively of Pentium IV systems and K-VAN Solutions licensed software like Multimedia English Language Lab for I B. Tech. and Advanced Communications Skills Lab for III B. Tech.
- The focus is on training the students speak fluent, intelligible, appropriate, and functionally correct English through coaching in phonetics, role plays, describing exercises, group discussions, mock interviews and debates.
- Advanced communication skills laboratory focuses on reading and writing skills and integrating these with speaking, listening and other intra and interpersonal skills.
- Keeping in view of the growing importance of Soft Skills, the training and placement department is imparting Value Added Training Courses like aptitude, verbal and soft skills along with regular subjects, a separate session is allotted to each branch.

Health and hygiene:

- The college organizes guest and expert lectures on yoga training for the faculty and students periodically usually at the beginning of the academic year i.e. in the first week of July.
- Health centre equipped with required arrangements is available in the campus
- Full time medical staff (Nurse)
- Medical practitioner visits twice in a week

File Description	Document
additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.1.2_
Link for Additional Information	View Document (http://vbithyd.ac.in/sp-new/)

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

Answer: 35.21

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Answer: 25

File Description	Document
any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.1.3_
Number of classrooms and seminar halls with ICT enabled facilities	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.1.3_

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Answer: 49.4

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during last five years (INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
825	375	370	335	435

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.1.4_
Audited utilization statements	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.1.4_

4.2 Library as a Learning Resource

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

Answer:

Library as a Learning Resource

An Overview of the Library

S.no	Description	Particulars
1	Carpet area of Library	2816 sqm
2	Reading space	1000 sqm
3	Number of seats in reading space	250
4	Number of users(Issues)	150 – 200 / per day
5	Number of Users (Reading Space)	200-250 / per day

6	Timings	Academic (working days) 9.30 AM to 4.30 PM Late Hours : 4.30 PM to 6.30PM Holidays & Vacation: 9.30 AM to 4.30PM
7	Number of Library Staff	09(Qualified staff-5 Supporting staff 4)
8	Number of Library staff with degree in Library Mgmt.	05
9	Computerization for search, indexing issue/return records?	Yes OPAC Facility on ECAP Software
10	Barcoding used?	Yes
11	Library services on internet/intranet	Yes
12	INDEST or other similar membership?	Yes (IEEE Digital Library)
13	Archival of precious/rare/Heritage books/publication	Available
14.	NPTEL & Other Multimedia Courses	Yes, NPTEL 129 Subjects are provided in the library
15.	Print Journals	134
16.	Back Volumes	72
17.	Project Reports	534
18.	CD ROMS	1821
19.	e-books	2010
20.	A/V Class Rooms	4 Rooms

Teaching-Learning Process (Library)

- Library resources are used to augment the teaching-learning process in following ways:
- Open Access System is being followed in the Central Library and all the documents are in barcode.
- In addition to the well-stocked Library, each department of VBIT has its own departmental Library to facilitate easy access to the faculty, students and research scholars.
- Maximum issue 04 Text books
- Conducting Library Orientation programs for freshers.

Value Added Services at Library:

To meet the contemporary needs of the users, the following value added services are offered:

1. Circulation Services
2. OPAC
3. A/V Class rooms
4. Inter Library Loan
5. Internet/Intranet Services
6. Reference Services
7. Reprography Services
8. e-Resources
9. Online e-journals
10. Open Source Resources
11. Question bank
12. Discussion Rooms
13. Library Bulletin

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.2.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/central-library/)

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Answer:

List of Titles, Volumes and Journals:

S.No.	UG/PG	Branch	Titles	Volumes
1	UG	ECE	836	8575
2	UG	CSE	865	7812
3	UG	CSIT	752	3512
4	UG	EEE	656	4530
5	UG	Mechanical	454	3780
6	UG	Civil Engg.	374	2511
8	PG	MBA	1085	5878
9	PG	M.Tech (Comm.)	186	749
10	PG	M.Tech (CSE)	191	675
11	PG	M.Tech. (EPS)	168	552
12	PG	M.Tech (Embed.sys.)	161	525
13	PG	M.Tech PE& Drives Sys.	132	437
14	PG	M.Tech CAD/CAM	106	409
		TOTAL	5966	39945

List of NPTEL Videos

S.No.	Branch	Course	Lectures
1	ECE	26	644

2	CSE	23	504
3	EEE	26	497
4	Civil	22	310
5	Mechanical	25	582
6	H&S	8	32
8	MBA	3	120
9	Chemistry and Biochemistry	2	39
10	Chemical Engineering	5	202
11	Biotechnology	2	68
12	Core sciences and Engineering	20	394
13	Mathematics	3	120
14	Ocean Engineering	3	96
	TOTAL	168	3608

Journals: recourses and list

1. IEEE EXPLORE DIGITAL LIBRARY

(<http://ieeexplore.ieee.org/Xplore/home.jsp>
(<http://ieeexplore.ieee.org/Xplore/home.jsp>))

(Under AICTE INDEST Consortium)

Access over 157 e-journals of IEEE Journals related to all the engineering branches.

2. UGC-N-LIST e-journal Consortium

National Library and Information Services Infrastructure for Scholarly Content (N-LIST) is an initiative of Ministry of Human Resource Development (MHRD) under the NME-ICT. It is funded by UGC, as a college component under UGC – Infonet Digital Library Consortium.

Click here for National Library and Information Services Infrastructure for Scholarly Content (N-LIST) (<http://nlist.inflibnet.ac.in/>) **website.**

About NLIST: The Project entitled "National Library and Information Services Infrastructure for Scholarly Content (N-LIST)", being jointly executed by the UGC-INFONET Digital Library Consortium, INFLIBNET Centre and the INDEST-AICTE Consortium, IIT Delhi provides for i) cross-subscription to e-resources subscribed by the two Consortia, i.e. subscription to INDEST-AICTE resources for universities and UGCINFONET resources for technical institutions; and ii) access to selected e-resources to colleges. The N-LIST project provides access to e-resources to students, researchers and faculty from colleges and other beneficiary institutions through server(s) installed at the INFLIBNET Centre. The authorized users from colleges can now access e-resources and download articles required by them directly from the publisher's website once they are duly authenticated as authorized users through servers deployed at the INFLIBNET Centre.

E-Journals (Fulltext)	
http://nlist.inflibnet.ac.in/images/yes.gif American Institute of Physics (18 titles)	http://journals.aip.org/ (http://nlist.inflibnet.ac.in:2048/login?url=http://journals.aip.org/)
http://nlist.inflibnet.ac.in/images/yes.gif Annual Reviews (33 titles)	http://arjournals.annualreviews.org/ (http://nlist.inflibnet.ac.in:2048/login?url=http://arjournals.annualreviews.org/)
http://nlist.inflibnet.ac.in/images/yes.gif Cambridge University Press (224 titles)	http://journals.cambridge.org/ (http://nlist.inflibnet.ac.in:2048/login?url=http://journals.cambridge.org/)
http://nlist.inflibnet.ac.in/images/yes.gif Economic and Political Weekly (EPW) (1 titles)	http://www.epw.in/ (http://nlist.inflibnet.ac.in:2048/login?url=http://www.epw.in/)
http://nlist.inflibnet.ac.in/images/yes.gif Indian Journals (180+ titles)	http://www.indianjournals.com/ (http://nlist.inflibnet.ac.in:2048/login?url=http://www.indianjournals.com/)
http://nlist.inflibnet.ac.in/images/yes.gif Institute of Physics (46 titles)	http://iopscience.iop.org/ (http://nlist.inflibnet.ac.in:2048/login?url=http://iopscience.iop.org/)

http://nlist.inflibnet.ac.in/images/yes.gif JSTOR (2500+ titles)	http://www.jstor.org/ (http://nlist.inflibnet.ac.in:2048/login?url=http://www.jstor.org/)
http://nlist.inflibnet.ac.in/images/yes.gif Oxford University Press (206 titles)	http://www.oxfordjournals.org (http://nlist.inflibnet.ac.in:2048/login?url=http://www.oxfordjournals.org)
http://nlist.inflibnet.ac.in/images/yes.gif Royal Society of Chemistry (29 titles)	http://pubs.rsc.org/en/journals? key=title&value=current (http://nlist.inflibnet.ac.in:2048/login?url=http://pubs.rsc.org/en/journals?key=title&value=current)
http://nlist.inflibnet.ac.in/images/yes.gif H. W. Wilson (3000+ titles)	http://search.ebscohost.com (http://nlist.inflibnet.ac.in:2048/login?url=http://search.ebscohost.com)
E-Books	
http://nlist.inflibnet.ac.in/images/yes.gif Cambridge Books Online (1800 titles)	http://ebooks.cambridge.org (http://nlist.inflibnet.ac.in:2048/login?url=http://ebooks.cambridge.org)
http://nlist.inflibnet.ac.in/images/yes.gif E-brary (125000+ titles)	http://site.ebrary.com/lib/inflibnet (http://nlist.inflibnet.ac.in:2048/login?url=http://site.ebrary.com/lib/inflibnet)
http://nlist.inflibnet.ac.in/images/yes.gif EBSCoHost-Net Library (936 titles)	http://search.ebscohost.com (http://nlist.inflibnet.ac.in:2048/login?url=http://search.ebscohost.com)
http://nlist.inflibnet.ac.in/images/yes.gif Hindustan Book Agency (65+ titles)	http://portal.igpublish.com/iglibrary (http://nlist.inflibnet.ac.in:2048/login?url=http://portal.igpublish.com/iglibrary)
http://nlist.inflibnet.ac.in/images/yes.gif Institute of South East Asian Studies(ISEAS) Books (382+ titles)	http://portal.igpublish.com/iglibrary (http://nlist.inflibnet.ac.in:2048/login?url=http://portal.igpublish.com/iglibrary)
http://nlist.inflibnet.ac.in/images/yes.gif Oxford Scholarship (1402+ titles)	http://www.oxfordscholarship.com/ (http://nlist.inflibnet.ac.in:2048/login?url=http://www.oxfordscholarship.com/)

http://nlist.inflibnet.ac.in/images/yes.gif Springer eBooks (2300 titles)	http://link.springer.com. (http://nlist.inflibnet.ac.in:2048/login?url=http://link.springer.com.)
http://nlist.inflibnet.ac.in/images/yes.gif Sage Publication eBooks (1000 titles)	http://knowledge.sagepub.com. (http://nlist.inflibnet.ac.in:2048/login?url=http://knowledge.sagepub.com.)
http://nlist.inflibnet.ac.in/images/yes.gif Taylor Francis eBooks (1800 titles)	http://www.tandfebooks.com. (http://nlist.inflibnet.ac.in:2048/login?url=http://www.tandfebooks.com)
http://nlist.inflibnet.ac.in/images/yes.gif Myilibrary-McGraw Hill (1124 titles)	http://lib.myilibrary.com/ (http://nlist.inflibnet.ac.in:2048/login?url=http://lib.myilibrary.com/)
http://nlist.inflibnet.ac.in/images/yes.gif World -ebooks Library (30,00,000 titles)	http://community.ebooklibrary.org/?AffiliateKey=WEL-NDL (http://nlist.inflibnet.ac.in:2048/login?url=http://community.ebooklibrary.org/?AffiliateKey=WEL-NDL)
http://nlist.inflibnet.ac.in/images/yes.gif South Asia Archive (though NDL)	http://www.southasiaarchive.com (http://nlist.inflibnet.ac.in:2048/login?url=http://www.southasiaarchive.com)

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.2.2_
Link for Additional Information	View Document (http://vbithydlibrary.pbworks.com/w/page/68543979/VB

4.2.3 Does the institution have the following:

1. e-journals

2. e-ShodhSindhu**3. Shodhganga Membership****4. e-books****5. Databases****Answer:** B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SS)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SS)

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in lakhs)**Answer:** 17.88

4.2.4.1 Annual expenditure for purchase of books and journals year wise during last five years (INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
19.8	22.5	17.7	15.7	13.7

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.2.4_)

Details of annual expenditure for purchase of books and journals during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.2.4_
Audited statements of accounts	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.2.4_

4.2.5 Availability of remote access to e-resources of the library

Answer: Yes

File Description	Document
Details of remote access to e-resources of the library	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.2.5_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.2.5_

4.2.6 Percentage per day usage of library by teachers and students

Answer: 5.3

4.2.6.1 Average number of teachers and students using library per day over last one year

Answer: 212

File Description	Document
Details of library usage by teachers and students	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.2.6_

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Answer:

Total No. of computer systems: 1080

Lab wise distribution of Computer Systems

Distribution of Computer Systems		
S.No	Lab Name	Dept
1	Computer Lab-01	CSE
2	Computer Lab-02	CSE
3	Computer Lab-03	CSE
4	Computer Lab-04	CSE
5	Computer Lab-05	IT
6	Computer Lab-06	IT
7	Computer Lab-07	CSE

8	Computer Lab-08	CSE
9	Computer Lab-09	MECH & CIVIL
10	Computer Lab-10	EEE
11	Computer Lab-11	ECE
12	Computer Lab-12	ECE
13	Computer Lab-13	EEE
14	Computer Lab-14	EEE
15	Common Computer Centre	CCC
16	Common Computer Centre (IT WORKSHOP)	CSE
17	Computer Lab-15 (C & D S Lab)	H&S
18	Computer Lab-16 (C & D S Lab)	H&S
19	I o T Lab	CSE & IT
20	Micro Processors Lab	ECE
21	VLSI LAB	ECE
22	Robotics Lab	EEE & ECE
23	English Language Communication Skills Lab	H&S
24	Advanced English Communication Skills Lab	H&S
25	Digital Library	Lib
26	Computer Center Server Room	CSE
27	R&D Lab	R&D
28	Laptop	CSE
29	Indo English Lab	H&S
30	Metallurgy Lab	Mech

31	CNC Lab	Mech
32	LCD Projector System	
33	Ecap Server Room	Admin
34	Purchase Room	Admin
35	Placement	T& P
36	HOD & Clerks	Admin
37	Maintenance	
		Total

2. Computer-student ratio

- o UG - 1 : 4
- o PG - 1 : 2

3. LAN facility

All computing labs are provided with LAN facility

4. Wi-Fi facility:

Wi – Fi facility is available in the Institute.

5. Licensed Software

Department	Licensed Software
Civil Engineering	Ansys 14.0, Window7, Autodesk Inventor Series 6
Electrical and Electronics Engineering	Multisim 2001, Scilab, Pspices, Kiel, Ubuntu 13.04, MASM
Mechanical Engineering	Ansys 14.0, Window7, Autodesk Inventor Series 6, Algor Nastran Edge Cam, Proge CAD Professional Solid Edge, Pro E Wildfire 3.0

Electronics and Communication Engineering	TMS 320C6000TM DSP, CCS (Full Version) V-2P0(Including Simulator), Kiel, Ubuntu 13.4, Octave, NS2, PCB Design, Eagle, PSOC Design Software, Mvision 2, Multisim, Xilinx, Masam , Actove VHDL
Computer Science and Engg.	Microsoft Dreamspark Premium,Windows Client,Windows Server ,Visual Studio Professional,Visual Studio Premium,Visual Studio Ultimate , Expressions,Windows Embedded,SQL Server,BizTalk Server,SharePoint Server, Oracle 10g Release 2 for Linux (open License), Oracle 10g, MYSQL, Cobol, Borland Turbo C++, Putty, Star Uml, Win Runner, Qtp, Net Beans, Java , Apache Tomcat, Oracle Express Edition, Adobe Reader, Mozilla Fire fox, WEKS, WINZIP, WIN RAR , Quick ?Heal total Security, Microsoft Office-2000, Suse, Linux Suite, Linux 7.2(pro), Fedora 17, Ubuntu ,Windows 98, Windows XP, Window7, Windows2008 Server , Windows 2008 Client
Information Technology	Microsoft Dreamspark Premium,Windows Client,Windows Server ,Visual Studio Professional,Visual Studio Premium,Visual Studio Ultimate , Expressions,Windows Embedded,SQL Server,BizTalk Server,SharePoint Server, Oracle 10g Release 2 for Linux (open License), Oracle 10g, MYSQL, Cobol, Borland Turbo C++, Putty, Star Uml, WinRunner, Qtp , Net Beans, Java , Apache Tomcat, Oracle Express Edition, Adobe Reader, Mozilla Fire fox, WEKS, WINZIP, WIN RAR , Quick ?Heal total Security, Microsoft Office-2000, Suse, Linux Suite, Linux 7.2(pro), Fedora 17, Ubuntu ,Windows 98, Windows XP, Window7, Windows2008 Server , Windows 2008 Client
Basic Sciences and Humanities	English Language Lab, Career Lab (Digital Mentor) Aptitude Lab, Foundation Course in Communication Skills from APSICHE, K-van Multimedia English Language Lab, Globarena E-Monitoring Systems (GEMS)

6. Number of nodes/ computers with Internet facility

- o All the systems are provided with internet connectivity

Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus:

- Institute is having spacious computer Center with 60 systems connected with Internet facility and is available for both faculty and students throughout the day
- All the Departmental computers are provided with internet facility
- Central library has a separate digital section with 25 systems with internet facility
- The College provides internet facility to staff members at the respective Departments in order to access the required study material from available e-resources and present them as part of their teaching process.
- The Principal's Office, Administrative Office, Examination Section, Training and

Placement Cell and Senior Faculty member cabins are provided with internet facility

- Wi-Fi connectivity is available at 10 selected zones in and around the campus
- Un-interrupted power supply is made available in the campus so that the students and staff can access the internet without any interruption

Specifications:

Internet Provider: VAINAVI Broad Band Ltd., BSNL & APOLLO Services Ltd

Total Band width: 110 Mbps broad band leased line connections.

The institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities:

- Institute has nominated sr. faculty in the Dept. of CSE as in charge of computational facilities
- A team of well experienced 5 system administrators and 12 programmers is working to maintain the computational facilities with a proper distribution of work among them
- Every system has an identification number for better administration and maintenance
- Institute has created a systematic mechanism for maintenance/up gradation of the systems
- Once computational facilities In charge receives the request slip regarding maintenance/up gradation work from the Department he assigns the same to concerned system administrator and tracks the progress of undergoing work. He also maintains up to date record of work done
- Computer systems are upgraded with latest configuration once in Three years.

- Adequate provision is made available in the annual budgets for the procurement of the computer systems, as per the requirement
- Computer center is provided with four servers of different capacities to cater the computer requirements.
- All the servers are in AMC with respective service providers and are maintained regularly.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.3.1_

4.3.2 Student - Computer ratio

Answer: 3.64

File Description	Document
Student - Computer ratio	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.3.2_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.3.2_

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Answer: >=50 MBPS

File Description	Document
------------------	----------

Details of available bandwidth of internet connection in the Institution	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.3.3_
--	--

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Answer: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.3.4_
Link to photographs	View Document (https://www.youtube.com/watch?v=hVTOd-JSaJM)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Answer: 3.64

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during last five years (INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
47.5	33.6	42.7	17.3	25.8

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.4.1_
Audited statements of accounts.	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.4.1_

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

Answer:

- Institute reserve approximately 7-10% (of the cost of instruments) budget for the purpose of maintenance and upkeep of the facilities like building, furniture, equipment, computers, vehicles etc.

○ Central Facilities:

Following Central facilities are being monitored centrally

- Internet
- Canteen
- Transport
- Maintenance

- Hostel
- Healthy Centre
- A monthly meeting of In-Charges of above facilities is conducted to review the functioning of each facility. Attempts are made to make all these facilities more and more effectively and student friendly.

I/c. Central facilities	Dr. S.V.Ramana, HOD, MBA
I/c. Website	Mr. D.K.M.Sharma, Associate Professor of English, H&S Mr. D.Srinivas Goud, CSE Dr. J. Kulkarni, Vice Principal
I/c. Computer Centre	Mr. P. Praveen, CSE Mr. Krishna , Sr. Sys. Admin.
I/c. Electricity	Mr. S. NarasimhaRao, Asst. Admin. Officer Mr.Venkatesh, Electrician
I/c. Transport	Mr. K.RamaKoteswaraRao, H&S Mr. Ramulu, Admin
I/c. Canteen	Mr. Y. Srinivas, ECE Mrs. Shalini, MBA
I/c. Health Centre Hostel	Mrs. G. Bhavani, Student Counselor, H&S Mr. Sudhakar, Ms. Belcy Mathew

Building Hygiene:

- Sweepers and a supervisor are allotted for a particular area. All the sweepers are required to sign in the register at the supervisor to confirm that he/she has done the duty. The supervisor should attest the same.
- **Duties of Sweepers:**
 - Cleaning of class rooms, corridors, floor cleaning of laboratories, staff rooms and other areas allotted.
 - Dusting of furniture and windows in the class rooms and also cleaning of glass boards.
 - (However, dusting of departmental furniture/equipment/machines shall be done by department attenders and lab technicians.)
- Swabbing of corridors

- Clearing cobwebs in the corridors, class rooms and other areas, except department labs.
- Supervisors shall personally monitor the work and lock the class rooms after he is satisfied with the work
- **Toilet Hygiene:**
- Each toilet is to be cleaned four times a day, which should be checked by supervisor concerned. Care is taken in providing exhaust fans, daily cleaning with phenol or detergents, use of naphthalene balls.
- **Class Rooms:**
- Use of non-dust chalks.
- Daily sweeping of class rooms.
- Wet cloth cleaning of benches (at least twice a week).
- Black board cleaning (with wet cloth daily).
- Provision of dust bins in each class room.
- **Floors:**
- Daily sweeping and cleaning with wet cloths to ensure dust-free surrounding.
- Provision of common dust bins at various locations in each floor.
- HODs/In-charges shall make complaints regarding hygiene to the Principal, which will be forwarded to the Project Officer for necessary action. Project officer shall maintain a register for the purpose in which the complaints and action taken against the complaint are recorded.

The following registers shall be maintained for the above:

- Requisition form and register
- Complaints register and file
- **Laboratories – Maintenance & Utilization:**
- Preventive maintenance is followed.
- Periodical checkups and calibration of equipment in all laboratories to make sure smooth conduct of all the lab hours.
- Depending on the experiment, one, two or a maximum of three students perform a single experiment with common set of apparatus.
- Additional experiments are designed to utilize all the equipment available in the lab.
- Stock verification is being conducted in all laboratories every year.
- **Computing Facilities-Maintenance & Utilization:**
- Computing facilities are provided as per the AICTE norms, even extra computers are provided to meet the practical requirements.
- Internet connectivity with a total of 22 Mbps band width is provided.
- All the computer systems in the college are on LAN with OFC backbone.
- Computing facilities are made available to the students for at least 8 hours a day and Wi-Fi enabled facility shall be provided.
- The number of computers to be made available will be as per the requirements.

- A team of technicians with a faculty in-charge takes care for the maintenance of computers.
- Necessary Licensed software is procured.
- Servers like LINUX, WINDOWS, Web Servers, Database etc., are provided.
- Additional projects are taken up by the students for optimum utilization of the facilities.
- **Library:**
 - Library is maintained and monitored by Library Advisory Committee.
 - Library maintenance is computerized and automated with regular/constant up-keeping
 - Regular swabbing of the Library floors, regular cleaning of the racks, up-keeping the quality of the books with needed binding are in place

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/4.4.2_
Link for Additional Information	View Document (http://www.vbithyd.ac.in/campusfacilities)

5.Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Answer: 61.36

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
661	558	501	637	513

File Description	Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.1_

5.1.2 Average percentage of students benefitted by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Answer: 8.53

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
88	116	79	67	52

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.2_
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.2_

5.1.3 Number of capability enhancement and development schemes –

- 1. For competitive examinations**
- 2. Career counselling**
- 3. Soft skill development**
- 4. Remedial coaching**
- 5. Language lab**
- 6. Bridge courses**
- 7. Yoga and meditation**
- 8. Personal Counselling**

Answer: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.3_

Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.3)
Link to Institutional website	View Document (http://vbithyd.ac.in/value-added-training-courses/)

5.1.4 Average percentage of student benefitted by guidance for competitive examinations and career counselling offered by the institution during the last five years

Answer: 54.03

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
585	624	554	420	361

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.4)

Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.4)
---	--

5.1.5 Average percentage of students benefitted by Vocational Education and Training (VET) during the last five years

Answer: 53.62

5.1.5.1 Number of students attending VET year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
610	630	530	410	350

File Description	Document
Details of the students benefitted by VET	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.5_)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.5_)

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Answer: Yes

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.6_
Details of student grievances including sexual harassment and ragging cases	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.6_
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.1.6_

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Answer: 18.34

5.2.1.1 Number of outgoing students placed year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
190	204	191	59	54

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.2.1_
Self attested list of students placed	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.2.1_
Details of student placement during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.2.1_

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Answer: 18.62

5.2.2.1 Number of outgoing students progressing to higher education

Answer: 138

File Description	Document
------------------	----------

Upload supporting data for student/alumni	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.2)
Details of student progression to higher education	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.2)

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years

(eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

Answer: 68.2

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
138	181	135	171	97

5.2.3.2 Number of students who have appeared for the exams year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
219	247	239	214	142

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.2.3)

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

Answer: 84

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
17	08	11	14	34

File Description	Document
------------------	----------

Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/101!)
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/101!)
e-copies of award letters and certificates	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/101!)

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Answer:

The policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

1. Establishment of Student Activity Center (SAC)

College has established 22 student forums under Student Activity Center (SAC). SAC is having the following facilities:

- Separate bank account for each forum
- Exclusive faculty coordinator for each forum
- Exclusive meeting room with LCD, AC, Computer systems and Wi-fi connectivity
- Exclusive supporting staff

STUDENT ACTIVITY CENTRE

S.No	Professional Societies	Established
1.	IEEE Student Branch	2006
2.	IETE Student Forum	2008

S.No	Academic Forums	Established
1.	ECE Branch Association	2008
2.	CSE & IT Branch Association	2008
3.	EEE Branch Association	2008
4.	MECH Branch Association	2011
5.	Management Aptitude Club (MBA)	2008
6.	CIVIL Branch Association	2013
7.	Women in Engineering (IEEE)	2011
8.	Computer Society Chapter (IEEE)	2011
9.	Power & Electronics Society (IEEE)	2011
10.	Communication Society (IEEE)	2011

S.No.	Co-Curricular Forums	Established
1.	Dyuthi NSS Unit	2007
2	Stutalk News Letter	2007
3	Sports Club	2007
4	Alumni Association	2008
5	Viranchi Cultural Society	2009
6	Harith-Eco Club	2011
7	Ganith Club	2012
8	Aashay Film Club	2013

9	Robotics Club	2010
10	Street Cause	2012
11	Srishti – Literary Club	2013

- Due consideration in respect of attendance for students participating in important literary, cultural or sports events outside the college.
- Provision of sports kit/sport uniform to all the participants
- Conducts inter collegiate tournaments, cultural competitions by organizing state level fest known as XYLYX, AVISHKAR, and VIBHA every year.
- Conducts coaching camps to enhance their capabilities in sports and games events.
- Honoring all the winners/JNTUH team members with special appreciation on annual day
- Various “Awards” are given in the tournaments and competitions conducted in and outside the college.

1. **Extra support in academics:**

- Additional academic support is provided for all those students participating in extra curricular activities in the form of arranging compensation classes.
- Faculty in charge of the respective forum maintains the record of classes which students could not attend and due consideration is given in respect of attendance for the students participating in important literary, cultural or sports events outside the college.
- When the dates of Inter University events are clashing with the time table of internal examination, as per the guidelines of University, College conducts reexamination for the concerned students.

1. **Fulfillment of requirement:**

- College provides sports uniform to all the students participating in the inter-collegiate/inter University events
- Provides Sports Track Suit to students for participating in major tournaments.
- Encourages participation in inter collegiate tournaments conducted in Volleyball, Basketball, Tennis, Table-Tennis, Athletics etc.,
- Presents merit certificates and mementoes to winners and runners in intramural competitions for boys & girls at College Annual Sports Day celebrations.
- Encourages participation in co-curricular activities.
- Provides TA, DA to students participating in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debates,

cultural activities etc.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.3.2_
Link for Additional Information	View Document (http://vbithyd.ac.in/forums/)

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Answer: 105.4

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
123	132	102	89	81

File Description	Document
Report of the event	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.3.3_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.3.3_

Number of sports and cultural activities / competitions organised per year	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.3.3)
--	--

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Answer:

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.

The students from abroad/other parts of the country are sharing their strengths to the institution with full affinity. 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.

The E-mail link is E-mail ID: alumini@vbit.ac.in (mailto:alumini@vbit.ac.in)

Alumni meet is conducted once in a year.

A profile book of Alumni is being released every year

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.

institution network and collaboration with the Alumni :

- Institute has a registered Alumni Association, which conducts an annual meeting

- The members of Alumni Association are regularly interact with Principal, Vice Principal and TPO regarding the need of the Institute and their expectations from alumni
- The members of college administration and the senior faculty of all the departments participate in the annual or semi-annual alumni meetings on invitation and seek their advice and support for the development of the institution.
- The Departments seek the opinion / suggestions of alumni on various developmental activities by sending mails to them and requesting them to fill the pro forma supplied in this regard.
- An alumni portal is created in the college website for better interaction between the college and alumni.
- The members of various professional bodies and technical forums invite alumnus in workshops and seminars as resource persons

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.4.1_
Link for Additional Information	View Document (http://www.vbithyd.ac.in/alumni/)

5.4.2 Alumni contribution during the last five years

Answer: <1 Lakh

File Description	Document
Alumni association audited statements	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.4.2_

Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.4.2_
----------------------------	--

5.4.3 Number of Alumni Association / Chapters meetings held during last five years

Answer: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
01	01	01	01	01

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.4.3_
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/5.4.3_

6. 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

Answer:

Institutional Vision and Leadership:

Vision

To emerge as a premier institution for technical education in the country through academic excellence and to be recognized as a Center for Excellence in Research & Development, catering to the needs of our country.

Mission

To establish a strong institution by consistently maintaining state of the art infrastructure and building a cohesive world class team by providing need based technical education and promoting Research and Development through enhanced Industry Interaction.

Distinctive Characteristics of the college: The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution:

- Continuous improvement of performance through systematic monitoring and upgrading all aspects of student-centric Teaching – Learning process.
- A series of student centric activities through 22 forums working under Student Activity Centre (SAC)
- Provision of traditional and e-learning opportunities for the students and faculty alike.
- Spending on infrastructural and learning facilities being treated as investment not as expenditure.
- Arrangement of special coaching for rural students to improve their communication skills
- Designing of various short term courses and value added programs to promote the concept of “learning beyond the syllabus”.
- Provision of motivating working conditions and motivational incentives
- Organising various activities like subject coaching, vocational training, health camps, survey in nearby villages to connect the students with social realities
- Conducting eco friendly activities in college and community to promote the environmental awareness

- Organization of consistent and regular oration lectures towards faculty development.
- Honoring eminent scientists and appreciating faculty members for their contribution towards Research and Development activities on the occasion of 'National Science Day' every year.
- Establishment of R&D wing with special collaboration of Indian Space Research Organisation (ISRO).

Vision for the future:

- Developing the college into an "Autonomous Institution" within the next five years so as to offer industry specific programmes.
- To promote Research and Development activities with special emphasis on the "Emerging Technologies" and "Interdisciplinary areas".
- To promote symbiosis with the neighboring industries and chalk out programmes for the mutual benefit.
- To develop a "Centre of Excellence" in specific areas like space technology, renewable energy where primary resources are available at Institute level.
- To promote various technical and skill based schemes in neighboring villages to uplift the underprivileged section of the society and through these activities inculcate a strong social commitment in budding Engineers

The role of top management in design and implementation of its quality policy and plans:

- The institution, Vignana Bharathi Institute of Technology is sponsored and governed by the SVET (Swami Vivekananda Educational Trust). The college is governed by well defined Quality Charter.
- In this institute, Policies and plans are being formulated collaboratively by staff, principal and management together to ensure effective implementation of the same.
- Being the head of the institution, principal provides requisite leadership to the system.
- The visionary founders Dr N. Goutham Rao (Chairman), Dr G. Manohar Reddy (Secretary) and Dr K.K.V.Sharma (Treasurer) with their missionary zeal have successfully transformed VBIT into a model Technical Institution.
- The Chairman keeps on meeting the college staff and students to update him self about the college activities and to know their future aspirations.
- The college has a 13 member Governing Body (GB) comprising of eminent personalities as members from industry, academics, university nominees etc., Two faculty members, in the capacity of faculty representatives, are members of the Governing Body and they are actively involved in the decision-making process to sustain and enhance quality of education imparted by the institution.

- The Principal ensures that all provisions of the University bye-laws, the Statutes and the regulations are observed. He also convenes meetings of the Governing Body, College Academic Council (CAC) and Departmental Advisory Committee (DAC).
- The College Management Committee (CMC) discusses the proposals of CAC and DAC and other key aspects in detail and arrives at the necessary strategies and plans to upkeep the quality of education.
- The Members of the Management are accessible to the faculty to present their views and ideas. The Principal provides academic leadership and in association with the various committees, evolves strategies for academic growth.
- Various committees like center facilities committee, library committee, disciplinary committee, Students Activity Centre (SAC)etc., have been created for a smooth function of the institute. The conveners of these committees hold periodic meetings. The recommendations of the conveners of the Committees are submitted to the Managing Committee through Principal's office and the Management arrives at suitable decisions for implementation
-
- ***The involvement of the leadership ensures:***
- The policy statements and action plans for fulfillment of the stated mission
- Formulation of action plans for all operations and incorporation of the same into the Institutional strategic plan
- Interaction with stakeholders
- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders
- Reinforcing the culture of excellence
- Champion organizational change
- College management committee and principal involve themselves for the development of a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the Institute.
- Due involvement has been exhibited by the leadership in the arrangement of feed back responses from students, parents (through parents' meet) and other stake holders on quality related processes.
- Arranging the visits of eminent people to the college for sharing their knowledge with students and faculty and also taking their advice for organizational effectiveness.
- The authorities gather information about the various aspects of College functioning through a number of ways like alumni meet, recruiters feedback etc.,
- The feedback received from all stakeholders will be critically reviewed; analyzed and remedial actions will be initiated. The management encourages the participation of the staff in the process of decision-making in institutional functioning.

- The personal interaction of the Principal with various stakeholders, the faculty, the non teaching staff, the students, the guardians play an important role in this. This apart, information available in student feedback forms and information available in self-appraisal forms of teachers help the authorities plan proper support for the policies.
- The Leadership also involve in Proper functioning of Internal Quality Assurance Cell (IQAC) and Departmental Advisory Committee (DAC) which are backbone of Academic environment of the college
- The participatory role of the management encourages and sustains the involvement of the college staff, which is necessary for the efficient and effective running of the College.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.1.1_
Link for Additional Information	View Document (http://www.vbithyd.ac.in)

6.1.2 The institution practices decentralization and participative management

Answer:

1. Governing Body, the highest body of policy making, meets periodically to discuss various issues and aspects related to the development of the college. 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. Governing body considers the recommendations of various Department Advisory Committees (DAC) & College Academic Council (CAC) and it chalks out a roadmap to achieve the goals of the institute

2. COLLEGE ACADEMIC COUNCIL (CAC):

1. College academic council is formed to discuss the academic matters of the college
2. Members of the council give their suggestions and directions for the smooth running of the college in academic aspect

3. Members of the council take the decisions regarding educational and other matters related with the students.

3. Dean & Directors:

To help the Principal in his administration, college identified four broad areas for academic and administrative excellence and each area is headed by a Director. Apart from this, institute has appointed a Dean to help in setting up proper academic & administrative structure for proposed Autonomous status of the institute.

Dean:

Major functional areas of Dean are as follows:

1. Training & awareness about proposed Autonomous status
2. Strengthening of examination section
3. Strengthening the functional units like Central Library & Hostel

There are four Directors, namely

- i) Director – Academics
- ii) Director – Internal Quality Assurance Cell (IQAC)
- iii) Director – Student Activity Centre (SAC)
- iv) Director – Research and Development (R&D)

FUNCTIONS OF DIRECTORATES

Academics

- Planning & monitoring of effective teaching learning process.
- Examination coordination & Result analysis.
- Time table.
- Mentoring and Attendance.
- Tutorial, Assignment, Seminar, Audio Visual classes & other regular academic activities.
- Course Material file.
- Projects –execution & evaluation process.
- Library.
- Academic toppers list and awards.
- Lab records and manuals.

IQAC

- New methodologies for effective Teaching-Learning process.
- Overall assessment of all activities & continuous feedback process.
- Annual planning & review meetings.
- Training, placement & Industry Institute interaction.
- Effective e-governance, e-Documentation & website.
- All inspections and reports etc.
- Planning & records of various meetings. (GB,CAC,DAC etc)
- Student friendly, transparent & effective administration.
- Feedback from students & other stakeholders.
- Optimum use of computational & other facilities.
- New proposals (projects/programs)- information & coordination.

Various college publications

R&D

- Submission of various projects/program proposals to various agencies.
- Monthly presentations
- Publications – Motivation, financial support & maintenance of record.
- Participation of faculty members in quality improvement programs.
- Faculty pursuing Ph.D. – progress assessment.
- Smooth functioning of projects.
- Student entrepreneurship in National/ State organizations.

Student Affairs

- All SAC forums (22) activities- Planning, execution & documentation.
- More thrust on technical activities through professional bodies like IEEE & IETE
- Student's participation in outside activities.
- Planning of 3 major activities –AVISHKAR, AAKAR & VIBHA.

4. Departmental Advisory committee:

The Institute has constituted Department Advisory Committees for each branch of Engineering .The Committee Consists of Principal, Head of the Department, senior faculty member in the Department and two experts from Industry.

The DAC gives guidelines related to following areas

- Program Educational Objectives and Program Outcomes
- Academic plans preparation by faculty members for their respective courses allotted by the Department
- Thrust areas to conduct Co-Curricular activities

- Topics beyond the syllabus and additional experiments to meet PEOs and Pos
- Functioning of Centre of Excellence/Incubation Centre
- Value added training courses

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.1.2_
Link for Additional Information	View Document (http://vbithyd.ac.in/functional-units-vbit/)

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Answer:

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 its major 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.

The IQAC has to make a significant and meaningful contribution in the post-accreditation phase through channelizing the efforts and measures of an institution towards academic excellence.

Objectives:

- 1) To develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the Institute.
- 2) To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions:

- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the Institute
- Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes
- Dissemination of information on the various quality parameters of higher education
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes/activities of the Institute, leading to quality improvement
- Acting as a nodal agency of the Institute for coordinating quality-related activities, including adoption and dissemination of good practices
- Development and maintenance of Institutional database through MIS for the purpose of maintaining /enhancing the institutional quality
- Development of Quality Culture in Institute
- Preparation of the Annual Quality Assurance Report (AQAR) of the Institute based on the quality parameters/assessment criteria developed by the relevant quality assurance body (like NAAC, NBA) in the prescribed format
- Bi-annual development of Quality Radars (QRs) and Ranking of Integral Units of Institute based on the AQAR

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 determines the needed infrastructure for academic advancement, bringing excellence into the activities and allocates budget accordingly.

- At the time of establishment the land in possession was about 10 acre. Later on to cater the need of expansion plan, management has allotted the part of its budget to acquire the nearby land for following purposes:
 1. Research and Development activities (2009) : Existing MBLM Centr (set- up by ISRO) is established on this land during 20110-11.
 1. Residential hostel for students: Considering the large number of students coming from various parts of state, management has constructed an exclusive hostel for boys and girls after purchasing the land adjacent the Institute (nearly 3 acres) .
 2. Central Auditorium, Separate PG block and Training & Placement centre: Keeping in view these various aspect of development, required land is acquired in recent years and the buildings are constructed.
- Central Library: By considering the growth and expansion in next 10 years, two complete floors (21,000 sq. ft. built up area) are spared for library. Even though at present, there are about 45,000 volumes are available there is a place for nearly 1,00,000 volumes to store in the library along with a seating capacity of 500 students at a time.
- **Year wise details of creation of various important facilities (other than Laboratories):**
-

S.No.	Facility	Year
1	Separate block (Avishkar) for first year students	2007
2	Separate block (Prashasan) for Administration and Central Library	2009
3	Separate block (Trupthi) for cafeteria	2009
4	Drishti (Board room), Disha (T&P hall) and Athithi (Guest room)	2009
5	Establishment of well equipped health Centre	2010
6	Establishment of R&D Centre	2010
7	Student Activity Centre (SAC)	2010
8	Increase in Internet bandwidth (4 to 10 mbps)	2011

9	Separate block (Nirmithi) for Mechanical Engineering	2011
10	Establishment of centralized computer labs (Total capacity-360 systems)along with Computer Centre with 120 systems	2011
11	Creation of 4 well equipped AV classrooms in Central library	2012
12	Separate room for research scholars	2012
13	Up-gradation of facilities at Examination branch	2012
14	Creation of Basket ball court	2013
15	Renovation of central Auditorium (Chethana)	2013
16	Provision for IQAC set-up	2014
17	Separate block (Aakash) for Electronics and Communication & Civil Engineering	2015
18	Separate wing for centralized R&D activities	2015
19	Open stage in ground	2016
20	Hostel for students	2017
21	Central Auditorium of 1000 capacity	2017

- o Road map for future development:
- o

S.No.	Proposed Facility	Year
1	Exclusive parking construction	2019
2	PG block	2019
3	Meditation Centre and block for centers of excellence	2019

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.2.1_
Strategic Plan and deployment documents on the website	View Document (http://vbithyd.ac.in/facilities/)
Link for Additional Information	View Document (http://vbithyd.ac.in/facilities/)

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Answer:

Governing Body, the highest body of policy making, meets periodically to discuss various issues and aspects related to the development of the college. 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. Governing body considers the recommendations of various Department Advisory Committees (DAC) & College Academic Council (CAC) and it chalks out a roadmap to achieve the goals of the institute

Various Committees at the Institute level:

Institute has established various functional units for smooth functioning of different tasks.

At the beginning of each Academic year, the College Academic Council constitutes the committees for each unit under the leadership of senior professor as officer in charge. Each unit conducts its periodical meetings and empowered to take necessary decisions for effective functioning of the respective unit.

List of committees

Name of the committee	Frequency of Meetings
Governing Body	Once in a semester
College Academic Council (CAC)	Once in a week/fort night
Department Advisory committee (DAC)	Once in a semester
Research & Development (R&D) committee	Once in a semester
Internal Quality Assurance cell (IQAC)	Once in a semester
Student Activity Centre: <ol style="list-style-type: none"> 1. IEEE 1. IETE 2. NSS (Dyuthi) 3. Sports Club 4. Virinchi (Cultural club) 5. Stutalk (news letter) 6. All branch Associations 7. Alumni Association 8. Robotics club 9. Eco Club 10. Ganith club 11. Aashay club 	Once in a semester
Students welfare & Grievance Redressal Committee	Once in a semester
Disciplinary & Anti-ragging committee	Twice in a semester/ As and when required
Women Protection committee	Once in a semester
Library Advisory committee	Once/twice in a semester

<p>Central facilities Monitoring committee:</p> <ol style="list-style-type: none"> 1. Internet 2.Canteen 3.Transport 4.Water, Sanitation and General Maintenance 5.Health Centre 	Once/twice in a semester
Career Guidance, Entrepreneurship development and Training & Placement Cell	Once in a semester
Website Committee	Once/twice in a semester

Various Coordinators at Department level:

Head of the Department distributes certain responsibilities among all faculty members at Department level for smooth and effective functioning of the department. Coordinators are nominated by concerned Departments for following responsibilities

- o Academic coordinator
- o Time Table
- o Student and staff participation
- o Library
- o Training & Placement
- o Projects
- o Tutorials and Assignment
- o AV classes
- o Attendance and mentoring
- o Branch Association
- o Seminars
- o Remedial classes
- o Feed back

- o **SERVICE RULES & PROCEDURES:**

Institute has prepared a Policy book containing various details of policies

A. SERVICE RULES

CONTENTS

01. SERVICE RECORDS
02. METHOD OF RECRUITMENT
03. PROMOTION POLICIES
04. LEAVE RULES
05. MEDICAL FACILITIES
06. CONDUCT AND DISCIPLINE
07. ANNUAL CONFIDENTIAL REPORT
08. APPEALS AND REVIEWS

B. PROCEDURES

CONTENTS

01. FUNCTIONAL UNITS AND WORKING MECHANISM
02. RESEARCH & DEVELOPMENT
03. PURCHASE AND SERVICING

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.2.2_
Link for Additional Information	View Document (http://vbithyd.ac.in/wp-content/uploads/2016/05/Vignana-Technology-POLICY-BOOK.pdf)

6.2.3 Implementation of e-governance in areas of operation:

1.Planning and Development

2. Administration

3. Finance and Accounts**4. Student Admission and Support****5.Examination**

Answer: A. All 5 of the above

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/S
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/S
ERP Document	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/S
Screen shots of user interfaces	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/S

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Answer:

1. Minutes of the Governing Body meeting held on 28-10-2013

Venue: Board Room, VBIT

S.No.	Agenda Items	Minutes of the meeting
1.	Annual report for the Academic Year, 2012-13	The Annual report for the Academic Year, which was presented by the Principal thro point presentation was discussed by the C Body members and some corrections wer in the planning of next year.

2.	Conduct of Co-curricular activities and Extra curricular activities during the period from July-October, 2013	The activities conducted by various Departments (Co-curricular and Extra-curricular) in various viz., Workshops, Guest Lectures, Seminars were explained to the Governing Body members. The members have expressed their satisfaction with the activities being conducted in the college.
3.	Approaching for National Board of Accreditation	The fact of approaching National Board of Accreditation for the courses for ECE, EEE, CSE and IT for the year 2013-14 and the visit of 9 experts of Board of Accreditation Team on 5th – 7th October 2013 also the remarks made by the Team have been brought to the notice of the Governing Body members. The members of Governing Body have suggested to take the observations made by the NBA Team seriously for strengthening the college.
4.	Proposal to apply for NAAC in the last week of December, 2013	The Governing Body members were informed about the Study Report (S.S.R) of the Institute submitted to National Assessment and Accreditation Council in December, 2013 and that a Team of experts will visit the college by the end of current Academic year (2013-14). The Governing Body members have suggested to work hard in getting NAAC.
5.	Result analysis of 2012-13	The results of B.Tech for all the years in the Academic year, 2012-13, the number of students graduated in the Batch of 2009-13 were presented to the Governing Body members by way of power point presentation. The Members have expressed their satisfaction with the results.
6.	Admissions for the year 2013-14	The members of Governing Body were apprised regarding the admissions made for 1st year B.Tech also for 2nd year B.Tech by Lateral Entry (L.E.S) in different Branches during the Academic year 2013-14.
7.	Proposed new courses for the Academic year, 2014-15	It was decided to apply for 120 new seats to increase the strength from 120 to 240 seats in B.Tech (C) for the Academic year, 2014-15.

8.	Training & Placement Analysis	<p>The members of Governing Body were ap following activities that are taken up:</p> <p>(i) The Training activities conducted by the for the years, 2012-13 and 2013-14 (1st</p> <p>(ii)The placements of students during the years, 2012-13 & 2013-14 (1st semester).</p> <p>(iii)The value added programmes which w by the college for the benefit of students.</p> <p>(iv)The activities conducted for career guid the Academic year, 2012-13 & 2013-14 (1</p>
----	-------------------------------	---

9.	Suggestions of Governing Body members	<p>The members of Governing Body have suggested the following:</p> <ul style="list-style-type: none"> (i) To invite the Experts from outside agencies Industries etc. (ii) Some staff members should be motivated for projects (iii) To start new courses only in the areas where there is demand. (iv) To strengthen the R&D activities (v) To conduct value added programmes in areas where there is possibility of getting good jobs (vi) to approach DRDO/AICTE for new projects (vii) To improve the quality in teaching by motivating the faculty members (viii) To put efforts to get the Institute family society (ix) Explore the possibilities in making the residential one (x) To make systematic efforts for internships for students during summer vacation/project work (xi) To establish Internal Quality Assessment Cell (IQAC) in the Institute and consolidate all activities under this cell (xii) To exhibit the products developed by students at the end of the Academic year (xiii) To bring out the library bulletin periodical to help the students in finding out good projects from the issues of respective journals.
----	---------------------------------------	---

2. Minutes of the College Management Council (CMC) meeting held on 22-11-2013

S.No.	Minutes of the meeting	Action taken
-------	------------------------	--------------

1.	<p>The plan of "Value added program" (VAP) prepared by T&P Cell and approved by CAC was discussed in the meeting.</p> <p>The proposal containing Aim and Objectives, syllabus, distribution of slots, classes to be covered (11-II year and 09-III year), evaluation scheme, profile of the trainers etc. was explained by Principal.</p> <p>CMC has approved the same with following suggestions:</p> <ol style="list-style-type: none"> 1. The slots should be included in regular timetable of the respective class 2. No VAP class should go unengaged 3. A presentation of the entire proposal should be given to all students at the very beginning of the semester. Department wise interaction should be organized for the same 4. Periodic feedback should be collected from the students 	<ol style="list-style-type: none"> 1. Department wise presentation were during first week semester(9th-14th December,2013) 2. Slots of VAP a regular timetable 3. Actual classes commenced from December,2013 4. Regular feedback collected from the 5. Classes were during entire semester 28th March,2014 6. All the details on college website
2.	<p>It was decided to allow teaching and non teaching staff members who have not availed their vacation completely during May-June,2013(because of NBA visit preparation activities) to avail the same till (either in part or complete) the commencement of first semester of 2014-15 without disturbing ongoing academic activities of the Institute/respective Department</p>	<p>It was communicated concerned members information to respective section</p>
3.	<p>It was strongly suggested that R&D Center should take initiative in submitting the grant proposals to AICTE (As per the notification) under various schemes</p>	<p>Director R&D has the meetings with HODs and submitted proposal to AICTE January,2014 under scheme.</p>
4.	<p>CMC approved the activity calendar prepared by CAC with few modifications.</p> <p>Members have appreciated the plan of conducting "Vibha" (Annual festival) in three phases: Technical, Sports and Cultural -during 1st-4th April, 2014.</p>	<p>The function was the flag end of the (1st-4th April,2014) causing any disturbance the semester</p>

5.	CMC suggested to initiate Language fluency skill development program for first year students	HOD, H&S has prepared the plan of the program. Rajeev Dayal, Asst. Prof. (English) has taken the responsibility of the program. Around 30 students are participating in the class which are to be conducted on every Wednesday from 10:00 am to 12:00 pm.
6.	CMC has approved the proposed plan of "Project Exhibition cum Competition" to be organized at Institute level on 1ST April, 2014. Committee has approved the budget of Rs. 1,00,000/- against arrangement and awards	The event was organized on a large scale in which projects were arranged for display and competition of the projects
7.	CMC has accepted the suggestion given by GB of increasing the intake of only one branch (CSE) from 12 to 15 in 2014-15	Institute has approved the new seats to increase the strength from 12 to 15 in B. Tech (CSE) Academic year, 2014-15
8	CMC has approved the proposal of establishment of Internal Quality Assurance Cell (IQAC) With appropriate provision of place, furniture and other amenities for the same	Principal has coordinated the work as per the guidelines of UGC w.e.f.26th Januray,2014.Throughout the year has conducted its activities on 11-02-2014
9.	CMC has asked the Principal to prepare the systematic plan of Internship program for UG (III yr.) students during summer vacation	IQAC has initiated the preparation of the plan in association with the concerned Department, Center and T&P

File Description	Document
------------------	----------

Any additional information

View Document
(https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.2.4_

6.3 Faculty Empowerment Strategies

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

Answer:

Salient features of the strategy to empower faculty members:

- For training new faculty and retraining existing faculty Institute has developed a concept of Academic plan Presentations of the subjects allotted to the faculty. This is done before the commencement of each and every semester in the presence of principal, subject experts and senior faculty of the Department. Individual faculty members collect the suggestions, modifies their plan and upload it on E-Cap to make it assessable to the students
- Training of faculty members on revised courses by eminent resource persons from industry and institution.
- Deputing faculty members to refresher courses organized by University
- Formulation of various committees with Faculty members in various cadres as conveners/members with proper allocation of work, assigning responsibility and grant of adequate authority and autonomy.
- Felicitating faculty members for their publications, paper presentations, invited talks, excellent academic performance on the occasion of National Science Day being celebrated on 28th February of every year.
- Opportunity is given to the faculty members to deliver their innovative ideas, new topics of both general and subject specific areas to other faculty under auspices of faculty forum and R&D monthly meet
- **The welfare schemes available for teaching and non teaching staff:**
- Transport Facilities: Free Transport for Professors & Concessional Transport for other staff members. Percentage of staff availing the facility is 100%
- Medical Facilities: Free Medical consultancy and treatment for common ailments through Health Centre. All faculty and staff members are availing the benefit.

- Maternity leave: 45 days with full pay. For the women faculty members (provided they complete minimum 2years of service)
- EPF: Applicable for non teaching staff members.EPF is being contributed from management with an equal contribution from employees based on the pay scale governed by EPF rules.
- Insurance cover for Personal Accidents (Rs.2, 00,000/-):100% of faculty and staff members are availing the benefit.
- Special Leave Provision given to the exiting faculty for the pursuance of their higher qualifications like Ph.D.
- Extra Ordinary Leave on Loss of pay
- **Management takes the following measures to retain the senior eminent faculty:**
 - Provides stress free work environment where in they are given a free hand in subject selection.
 - They are encouraged to participate in major management decisions.
 - Encouragement to present papers in National and International seminars, publications etc.
 - Pooled car facility to Professors at free of cost
 - Dedicated cabin, computer, internet and intercom facility to Professors and senior faculty members
 - Immediate increments being given for those who are awarded with Ph.D
 - Personal Recognition by the Management in the way of a memento and certificate.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.3.1_

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Answer: 7.62

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
29	09	13	11	19

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1)

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Answer: 15.4

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
21	12	27	09	08

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document (<a :"="" href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.3.">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.3.:
Any additional information	View Document (<a :"="" href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.3.">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.3.:

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Answer: 12.49

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
39	21	26	32	20

File Description	Document
------------------	----------

Details of of teachers attending professional development programs during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.3.4)
IQAC report summary	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.3.4)

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Answer:

Yes

Faculty Performance Appraisal consists of following two important parts:

1. Self Appraisal form being filled up by faculty members
2. Assessment of these self appraisal forms by a review committee
 - o IQAC prepares the format of Self Appraisal form being filled up by the faculty members which consists of following parameters:
 1. Students Feedback on teaching performance of concerned faculty members.
 2. Examination results of the subject(s) taught by the concerned faculty member for the academic year.
 3. Research Publications by concerned faculty member during academic year.
 4. Details of Faculty development programs attended by the faculty members during academic year.
 5. Details of any other specific achievement.
 - o **Assessment**
 1. Management constitutes a review committee for the assessment of Self Appraisal Forms. Following are the members of the committee
 2. Principal
 3. Dean
 4. Director , Academics
 5. Head of the respective Department.

1. Annual increment will be decided based upon the assessment of Self Appraisal Forms.

Appraisal Process:

1. All faculty members will submit the duly filled self appraisal forms to their HoDs in the beginning of first semester (after university announces the previous year results, typically july)
2. HoDs will collect all the self appraisals and write their remarks based on the information captured from various committees and the information provided in the self appraisal forms. Following is the sample information collected by HoD inc.
3. HoD will conduct individual meeting with faculty and discuss the performance. HoD may revise the remarks based on the discussion.
4. Faculty performance appraisal forms along with self appraisals will be submitted to principal for further processing.
5. Principal will discuss with the faculty with lower performance to assess the correctness and also to mentor the faculty.
6. Principal will take appropriate approvals for the increment/promotions as a part of budget approvals from the governing body.
7. Increments/Promotions will be intimated to the faculty typically in the month of August/september.

Performance of non teaching and technical support staff will be assessed by prescribed format . Administrative officer, HOD & Principal are the assessee of the same.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.3.5_

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Answer:

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 senior faculty member, collects all the purchase proposals with quotations and comparative statement. It prepares

the consolidated proposal and submit it to CMC for approval

After assessing the projected income for an academic year, CMC allocates budget

to each Department and Institution with minute details. While doing so, through discussion will be made in a CMC for prioritizing and transparency. The draft of allotment of budget submitted to Governing Body for its approval.

Purchases will be made with the recommendations of duly constituted purchase

committee. The amounts withdrawn from the banks will follow a systematic mechanism of obtaining the signatures of the cashier, AO, Head Purchase Committee,

Principal, Secretary and Chairman. In case of out of budget expenditure, ratification

will be done in a special meeting conducted. In every CMC meeting, Principal presents the Income and Expenditure details. CMC allocates any additional budget

required.

Purchase and central store section has laid down specific guidelines related to Purchase

,servicing, maintenance and stock keeping of the instruments, equipments and furniture items

Purchase and central store section also monitors the stock verification process at the end

of each academic year

Guide lines regarding the Purchase ,servicing, maintenance and stock keeping:

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.4.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/wp-content/uploads/2017/10/annual-

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropers during the last five years (not covered in Criterion III)

Answer: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropers year wise during last five years (INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.4.2_

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

Answer:

Financial Management and Resource Mobilization

The institutional mechanism to monitor effective and efficient use of available financial resources:

- 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 senior faculty member, collects all the purchase proposals with quotations and comparative statement. It prepares the consolidated proposal and submit it to CMC for approval
- After assessing the projected income for an academic year, CMC allocates budget to each Department and Institution with minute details. While doing so, through discussion will be made in a CMC for prioritizing and transparency. The draft of allotment of budget submitted to Governing Body for its approval.
- Purchases will be made with the recommendations of duly constituted purchase committee. The amounts withdrawn from the banks will follow a systematic mechanism of obtaining the signatures of the cashier, AO, Head Purchase Committee, Principal, Secretary and Chairman. In case of out of budget expenditure, ratification will be done in a special meeting conducted. In every CMC meeting, Principal presents the Income and Expenditure details. CMC allocates any additional budget required.
- Purchase and central store section has laid down specific guidelines related to Purchase ,servicing, maintenance and stock keeping of the instruments, equipments and furniture items
- Purchase and central store section also monitors the stock verification process at the end of each academic year
- Guide lines regarding the Purchase ,servicing, maintenance and stock keeping:

Purchase :

1. Department should fill up requisition form in the given prescribed format with details of requirement and suppliers (email id & contact no. is essential) and it should be submitted to purchase officer through HOD to principal's office.

2. Central store clerk should collect the quotations from respective suppliers and prepare comparative statement with the help of respective department.
3. Following files should be maintained at central store along with separate stock registers for consumable and non-consumable materials:
 - o Requisition from department
 - o Enquiry for quotations
 - o Comparative statements with quotations
 - o Purchase order
 - o Invoice (photocopy)
 - o Receipts (photocopy)
4. After verification by purchase officer, the proposal containing requisition and comparative statements should be put up in the meeting of purchase committee for final approval.
5. Purchase order should be prepared based on final approval and photocopy of the same should be sent to A.O/Accountant.
6. Files containing the copies of the following should be maintained at Administrative office along with payment register:
 - o Purchase order
 - o Invoice & receipts
7. Central store clerk should receive the material. The same should be tested and verified by concerned HOD/faculty in charge of the laboratory and certified that received equipments are in satisfactory condition
8. Respective entries should be made in central stock register and departmental stock register with all details
9. Department should maintain the separate utilization register (along with stationary items) for the consumable items procured in the department.
10. Central store clerk should fill up all the information in prescribed format on the backside of invoice (stamp) or on a separate paper attached with invoice (date, purchase order no., central stock register-page no., lab stock register page no).
11. Invoice should be submitted to purchase officer along with central store stock register.
12. Purchase officer should sign on the invoice and in central store register after verifying all the details.
13. Photocopy of the invoice should be maintained in a separate file at central store.
14. Original invoice should be submitted to A.O/Accountant.
15. Accountant should fill up all the details in payment register.

16. Purchase officer & Principal should sign in the payment register before the signature of Chairman/Secretary.

17. Accountant should send a photocopy of the receipt to the central store.

Servicing or Repairing of the Equipment:

1. Department should fill up required details in a prescribed format regarding repair or servicing work of computers, UPS, AC, Electrical wiring etc. and hand over the same to the System Administrator or General Administration and obtain their signature in the respective register that they have received the complaint

2. System Administrator or AO/AO should send the complaint to concerned technical staff and get it rectified at earliest. After proper rectification of the complaint, they should obtain the signature of concerned HOD in the respective register.

3. For the servicing or repair work of any other equipment in any of the laboratories, the Department should fill up the details in a prescribed format with entry on a specific page of the concerned stock register. The format and stock register should be sent to the central store for further processing.

4. Purchase Officer should sign on the gate pass after verification of all the entries.

5. The person carrying the instrument should deposit the gate pass with security officer.

6. After the completion of the work, the instrument can be placed back in the concerned laboratory only after completion of respective entries in the central store.

Requirement of stationery items:

1. Department should fill up requisition form in a given prescribed format with details of requirement of stationary items and submit the same to the stationary store in charge with the signature of Administrative Officer

2. Administrative officer should verify the previous entries of the consumption of same items in utilization register (which has to be maintained by each Department) and sign on the requisition form.

3. After issuing the required material to the concerned Department, the stationary store in-charge should obtain the signature of concerned department clerk in the store register.

All Laboratories are utilized optimally by reserving few empty slots for maintenance purpose. Utilization ranges from 60-85%.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.4.3_

6.5 Internal Quality Assurance System

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

Answer:

Yes

The Institute has established the Internal Quality Assurance Cell on 26th January 2014, after the first cycle of accreditation by NAAC, with the following composition.

IQAC Committee

S.No.	Name	Designation
1.	Dr.Jayant Kulkarni, Vice Principal	Director
2.	Dr.G.Amarendar Rao, Principal	Member
3.	Dr.N.GouthamRao, Chairman, SVET	Member
4.	Dr.G.ManoharReddy, Secretary, SVET	Member
5.	Mr.K.S.Benarjee, Sr. Vice-President, Polaris	Expert

6.	Mr. L.Narsimha Murthy, Sr. Project Manager, Infosys	Expert
7.	Dr.GopaDutta, Director, R&D	Member
8.	Dr.S.V.Ramana, HOD, MBA	Member
9.	Mr.G.Anil Kumar, Assoc. Prof., ECE	Member
10.	Mr.S.Narasimha Rao, A.O	Member
11.	Mr.K.Naresh Kumar, Asst. Prof., H&S	Member Secretary (Coordinator)

Background:

Internal Quality Assurance Cell (IQAC) was established at VBIT on 26th January, 2014 after receiving the accreditation status from NBA for its major UG programs 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.

The IQAC has to make a significant and meaningful contribution in the post-accreditation phase through channelizing the efforts and measures of an institution towards academic excellence.

Objective:

1. To develop a quality system for conscious, consistent and catalytic programmed action to improve the academic and administrative performance of the Institute
2. To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions:

Ø Development and application of quality benchmarks/parameters for the various academic and administrative activities of the Institute

- Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes
- Dissemination of information on the various quality parameters of higher education
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes/activities of the Institute, leading to quality improvement
- Acting as a nodal agency of the Institute for coordinating quality-related activities, including adoption and dissemination of good practices
- Development and maintenance of Institutional database through MIS for the purpose of maintaining /enhancing the institutional quality
- Development of Quality Culture in Institute
- Preparation of the Annual Quality Assurance Report (AQAR) of the Institute based on the quality parameters/assessment criteria developed by the relevant quality assurance body (like NAAC, NBA) in the prescribed format
- Bi-annual development of Quality Radars (QRs) and Ranking of Integral Units of Institute based on the AQAR

The IQAC has evolved mechanisms and procedures for ensuring the following:

- Timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programs.
- Equitable access to and affordability of academic programs for students
- Optimization and integration of modern methods of teaching and learning.
- The credibility of evaluation procedures.
- The adequacy, maintenance and proper allocation of support structure and services.
- Research sharing and networking with other institutions in India and abroad.

Benefits of IQAC:

Ø Ensure heightened level of clarity and focus in institutional functioning towards quality enhancement

- Ensure internalization of the quality culture
- Ensure enhancement and integration among the various activities of the institution and institutionalize good practices
- Provide a sound basis for decision-making to improve institutional functioning
- Act as a dynamic system for quality changes in the Institute
- Build an organized methodology of documentation and internal communication

All the decisions of the IQAC were approved by CAC for implementation and all of them are in the process of implementation

The following suggestions of the external members of IQAC have been implemented.

- Conduct of Industry related training Programs.
- Identification of specific areas to develop the “Centre of Excellence”
- Conduct of faculty enablement programs in collaboration with premier academic institutions.

The IQAC communicate and engage staff from different constituents of the institution:

-The IQAC constituted different sub committees in which most of the staff members are involved in formulating and executing the decisions of IQAC.

- The decisions of IQAC are widely communicated to staff members through circulars / notices/website/mails

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.5.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/internal-quality-assurance-cell-iqac/)

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Answer:**Academic Audit and Action taken process(Mechanism set up by IQAC)**

The process has 4 layers of functioning :

IQAC

1. Dept. appoints faculty coordinators for various academic activities like Tutorials, Seminars, Attendance, Mentoring, A.V Classes, Assignments etc.
2. IQAC conducts periodical meeting to explain the scope of each activity to respective coordinators.
3. IQAC conduct regular (twice in a semester) review meetings to monitor the quality of all activities.

Director of Academics

1. Director of Academics visit the Departments regularly and verify the documents. Also review of all academic activities will be taken in Department meetings in the presence of Director, Academics.
2. Director, Academics present his findings in College Academic Council meeting for proper analysis and further improvement.
3. Dean and Director, Academics interact with student representative and collect their feedback (in person) about academic activities in respective Departments.
4. The report of feedback will be communicated to concerned HODs and Principal for necessary action.

Review and Planning presentation

1. At the end of each Academic year, Director Academic 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 Council members give their feedback and comments about the presentation.

College Academic Council : Result Analysis

1. Once the result of each semester are announced, Exam branch and Dept. office prepare detail analysis and present the same in College Academic Council meeting.
2. College Academic Council discusses about academic performance of students and suggests the plan of action for further improvement.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.5.2_

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Answer: 15.8

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
24	31	24	0	0

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.5.3_
Number of quality initiatives by IQAC per year for promoting quality culture	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.5.3_
IQAC link	View Document (http://vbithyd.ac.in/internal-quality-assurance-cell-iqac/)

6.5.4 Quality assurance initiatives of the institution include:

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2. Academic Administrative Audit (AAA) and initiation of follow up action**
- 3. Participation in NIRF**
- 4. ISO Certification**
- 5. NBA or any other quality audit**

Answer: B. Any 3 of the above

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.5.4)
Details of Quality assurance initiatives of the institution	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.5.4)
e-copies of the accreditations and certifications	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/6.5.4)

6.5.5 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle) and post accreditation quality initiatives (second and subsequent cycles)

Answer:

Post accreditation Improvements in Academic Activities and the role of IQAC:

- o To organize an interactive session with faculty members following the guidelines given by Governing Body, College Academic Council (CAC)

and Departmental Advisory Committee (DAC) to strengthen the Teaching Learning process.

- Preparation and release of guidelines regarding all Academic activities before the commencement of Semester
- Distribution of CMF to the Departments before the commencement of semester
- Uploading of Academic plans prepared by respective faculty members on E-CAP portal for easy access to the students
- Continuous monitoring of maintenance of CMF
- Preparation of attendance registers by Academic section and distribution of the same to respective Departments
- Preparation of list of faculty coordinators at Department level for various academic activities and compilation of the same
- To conduct the meeting of faculty coordinators for various academic tasks to discuss the plan of action for their respective responsibilities
- Preparation of list of faculty mentors at Department level and distribution of mentoring registers along with guidelines to follow
- To conduct interactive session with all faculty mentors regarding mentoring of students based on three parameters-Attendance, Performance and Attitude
- Preparation of common slots for AV classes, seminars, sports, Incubation Centers and Value added programs (VAP) and communicate the same to the respective Department for inclusion in their timetable
- Collection and compilation of attendance at the end of every month through E-CAP and to send the list of students having less attendance to the respective mentors through mail.
- To help the Departments in monitoring the mentoring process
- To coordinate the process of online feedback from students about Teaching-Learning process in respective classes and communicate the assessment of the same to respective faculty members and Department
- To help the Departments in monitoring following activities

1. Tutorials

2. Assignments

3. Seminars

4. Add on content-Theory & Lab

5. Remedial classes

6. Make up tests

- Collection of CMF with all required data and documents at the end of the semester
- Collection of teaching outcome feedback (course assessment) from students at the end of the semester
- Collection of exit feedback from final year students at the end of the academic year

- To help the Departments/professional bodies in collection and analysis of feedback from:
 1. Parents
 2. Industry Experts/Academicians who are visiting the college
 3. Executives of professional bodies.
 4. Alumni
 - To help the Department in the preparation of various rubrics regarding feedback from students and stakeholders, examination result, Course assessment, placement etc. and based on that to provide various statistical inputs to respective DAC at the beginning of each semester to chalk out the policy for that semester.
 - To suggest various value added programs to T&P cell and to coordinate the execution of the same
 - To suggest various ways to the Departments to strengthen their Incubation centres/centre of excellence and to enhance the technical skills of the students
 - To organize the review /audit of all the academic activities by a team of internal experts and present the observation in the meeting of GB/CAC/DAC for further guidelines
 - Collection and compilation of self appraisal forms from faculty members at the end of academic year
 - To consolidate the information about funding agencies, their norms and passing the same to R&D centre and respective Departments.

Post accreditation Improvements in Administrative Activities and the role of IQAC:

- To help the Principal Office in the preparation of schedule of following meetings:
 1. Governing Body (once in a semester) 2.College Academic Council (Once in a week/two weeks)
 - To help the principal Office (PO) in constituting following central committees for decentralization of work and effective functioning of the Institute:
 1. Discipline and Antiragging 2.Central facilities 3.Grivience redressal 4.Student Activity Centre 5.Training and Placement, career guidance and entrepreneurship development 6.Purchase
 - To help the P.O. in the preparation of guidelines and schedule of periodic meetings of these Committees
 - To help the P.O. in the process of record maintenance and documentation (nomenclature of Departmental and central files D 1 -27 and P 1-28

- To coordinate the activity of budget allocation based on the requirement of the Departments
- To coordinate the activity of printing of various stationary items based on the requirements of Department and Laboratories
- To prepare/modify various application/information formats at least once in a year
- To prepare the Activity calendar of the Institute based on the individual plans submitted by Departments/various forums
- To coordinate the flow of information to the website administrator from various forums/Departments before and after the activities/achievements
- To coordinate the process of preparation and submission of Activity Record files by various forums after the activity
- To coordinate the process of audio-visual recording of all the major activities and submission of the CD at the central library
- To help the P.O. in periodic review of policy book of the Institute
- To collect all the files/documents from all the Departments/P.O. at the end of the academic year
- To give periodic inputs to website incharge/administrator regarding updating of information
- To discuss innovative concepts and ways of execution with coordinators of various forums
- To help the P.O.in the preparation of schedule of stock verification of various laboratories/Library at the end of the year.

7.Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Answer: 13

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
5	3	3	1	1

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.1_
List of gender equity promotion programs organized by the institution	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.1_
Report of the event	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.1_

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

- 1. Safety and Security**
- 2. Counselling**
- 3. Common Room**

Answer:

There is exclusive **Women Protection Cell** which address the complaints of girl students and female staff and ensures safe and comfortable atmosphere for them.

Girl Hostel has its exclusive set of guide lines. One female professor (rotation wise) takes care of girl specific safety measures at Hostel and College.

There is a provision of electric fencing as a safety measure.

A pannel of lady faculty members is constituted for exclusive counselling purpose regarding delicate and sensitive issues

Separate Common Room is available for girl students.

Conselor for girl students - Ms.Belcy D Mathews

Warden for Girls Hostel : Ms.B.V.S.S. Devi

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.2_

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Answer: 37.14

7.1.3.1 Annual power requirement met by the renewable energy sources (In Kilowatt)

Answer: 156000

7.1.3.2 Total annual power requirement (In Kilowatt)

Answer: 420000

File Description	Document
------------------	----------

Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.3_
Details of power requirement of the Institution met by renewable energy sources	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.3_
Link for Additional Information	View Document (http://www.vbithyd.ac.in/solar-power-plant-of-160kwp-c

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Answer: 20

7.1.4.1 Annual lighting power requirement met through LED bulbs (In Kilowatt)

Answer: 100

7.1.4.2 Annual lighting power requirement (In Kilowatt)

Answer: 500

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.4

Details of of lighting power requirements met through LED bulbs	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.4)
---	--

7.1.5 Waste Management steps including:

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Answer:

Environmental Policy

Vignana Bharathi Institute of Technology endeavors to promote community welfare, environmental protection and conducive atmosphere to a standard level of performance. It has evolved a series of schemes and activities to achieve the same. The Institute is committed to a cleaner and greener campus. To realise this vision, the Institute is committed to:

- Institutionalise best practices; comply with applicable environmental norms, regulations and standards.
- Preventing pollution through continually monitoring and improving its environmental performance.
- Promote use of clean and safe technologies in order to utilise natural resources efficiently.
- Encourage transparency and communication of its commitment to sustainable development; simultaneously increasing environmental awareness amongst its stakeholders as well as the community at large.
- Foster education, research and information exchange on environmental protection and development to move toward global sustainability.

Key Focus Areas

- Solid waste management
- Waste water management
- Rain water harvesting
- Use of natural recourses like air and light at optimum level
- Reduction in electricity consumption and exploring ways to use renewable sources of energy like solar energy

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.5_

7.1.6 Rain water harvesting structures and utilization in the campus

Answer:

Rain water harvesting structures are available in the campus to recharge the ground water.

The initiatives taken by the college to make the campus eco friendly:

a) Energy Conservation

- Awareness among the students and staff on energy conservation is created by displays at appropriate places and in all class rooms
- Switching off all the electrical utilities whenever and wherever they are not required
- All the departments are equipped with appliances and equipment that consume low power.
- The buildings are fitted with glass windows for maximum utilization of natural light.
- The college has widespread arrangements for power distribution with a Central Substation, control panel and power room

b) Use of Renewable Energy

- Steps are being taken for the utilization of solar power in the college campus.

c) Water Harvesting

- To minimize the wastage of water resources and to improve the water table, the rain water is led into the pond located in the campus to Recharge and increase the ground water level a rain water recharging pit has set up in the campus.

d) Check Dam Construction

- At present there is no check dam in the college premises.

e) Efforts for Carbon neutrality

- Care is taken to restrict vehicle entry into the campus and specific parking area is allotted for faculty and students.
- The institute restricted the usage of plastic bags in the campus.

f) Plantation/Greening Drives

- Plantation programme has been taken up by the Ecoclub & NSS unit for increasing the Green Cover in the campus and surrounding area.
- The NSS unit regularly conducts awareness programmes on plastic free environment in and around the villages.

g) Hazardous Waste Management and e-Waste Management

- The condemned batteries and computer accessories are disposed through outside agencies.
- Awareness programmes are initiated on waste management.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.6_

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Answer:

Institute encourages mass transport system to reduce air pollution caused by individual vehicles. There are adequate RTC buses connecting major part of city to the college. Also, Institute has its own transport system where 31 buses are plying over various routes.

The institution is consistent in protection of environment and conducts Green Audit of its campus and facilities. It includes:

- Consumption of electricity in the campus-optimum utilization.

- Consumption of solid materials like papers etc-Recycling of the waste materials
- Facility information such as number of users and functions.
- Feedback mechanism from facility users.
- Sustainability principles, practices and Environmental Studies are part of Curriculum.
- The audit of plantation in the campus
- **Process of 'Green Audit'**

In order to participate in the process of 'Green Audit', the Institute has constituted a 'Eco Club named as "Harith" in 2012, consisting of teachers and students. The mandate of this body is to perform 'Green Audit' for the institute. However, before performing the Audit, a pre-audit stage is observed, where the carbon-neutrality parameters are identified. Subsequently, the Club has adopted a three- pronged approach to tackle the issue of environmental degradation practically:

1. Firstly, the institute conducts workshops to sensitize and develop skills on environmental monitoring of the staff and students. Subject experts are being invited from the State Pollution Control Board or some NGO involved in the field of preservation of our environment.
 2. Secondly, quality monitoring of air, soil and water of the area surrounding the institute is conducted over a period of time with the help of MBLM Centre (Mini Layer Boundary Mast) installed by ISRO in our campus. The institute has initiated a simple project which is aimed at developing the simple software tool to study the atmospheric and soil data of the area and analyse it to the extent of degradation in terms of the pollutants and the contributing factor of the human populace of the local area. The results are published in the college news letter and college website, so that the project also contributes to the enhancement of the awareness among the citizens of the local area about the state of our environment. This exercise has initiated in collaboration with R and D Centre of the Institute
 3. Thirdly, the institute conducts regular programs to guide the students on remedial measures to maintain environmental balance.
- The above steps enable the students to get involved practically in the effort to tackle environmental issues. This effort has a long term implication, as the students are the future decision-makers of our country, and therefore if they are made to inculcate the values of maintaining environmental balance while planning for material development of our country in the near future, the preservation and maintenance of a healthy environment is assured.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.7_
Link for Additional Information	View Document (http://www.vbithyd.ac.in/transport/)

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Answer: 0.39

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during last five years(INR in lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1.41	0.76	1.75	6.34	4.92

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.8)

7.1.9 Resources available in the institution:

- 1. Physical facilities**
- 2. Provision for lift**
- 3. Ramp / Rails**
- 4. Braille Software/facilities**
- 5. Rest Rooms**
- 6. Scribes for examination**
- 7. Special skill development for differently abled students**
- 8. Any other similar facility (Specify)**

Answer: C. At least 4 of the above

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.9_
Resources available in the institution for Divyangjan	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.9_

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Answer: 63

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
18	18	09	08	10

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.11)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.11)

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Answer: 63

7.1.11.1 Number of initiatives taken to engage with and contribute to local community during year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
18	18	09	08	10

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.11)

Details of initiatives taken to engage with local community during the last five years	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.11)
Report of the event	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.11)

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Answer: Yes

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.12)
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document (http://vbithyd.ac.in/wp-content/uploads/2017/08/Attachr18-.pdf)

7.1.13 Display of core values in the institution and on its website**Answer:** Yes

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.13)
Provide URL of website that displays core values	View Document (http://www.vbithyd.ac.in)

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations**Answer:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1)

7.1.15 The institution offers a course on Human Values and professional ethics

Answer: Yes

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.16)

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Answer: Yes

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.16)
Provide URL of supporting documents to prove institution functions as per professional code	View Document (http://vbithyd.ac.in/wp-content/uploads/2016/05/Vignana-Technology-POLICY-BOOK.pdf)

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Answer: 5

File Description	Document
------------------	----------

List of activities conducted for promotion of universal values	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.17)
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.17)

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Answer:

Celebration of Few National/International Days every year:

- 1.National Engineers Day-15th September (Dr.M.Visweswariaha Birth Anivaersee)
- 2.International women's Day-8th March
- 3.World Ozone Day-16th September
- 4.National Youth Day-12th January (Swamy Vivekanand Birth Anniversary)
- 5.National Science Day-28th February (to mark the discovery of the Raman effect)
- 6.Teachers Day-5th September (Dr. Sarvapalli Radhakrishnan Birth Anniversery)

- o The celebration inculcate the sense of responsibility and social commitment students
- o **College news letter "StuTalk" releases special issues on these occasion**

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.18)

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions**Answer:**

Institute has developed a mechanism for complete transparency in financial, academic, administrative and auxiliary functions-

1. Institute prepares its annual budget after receiving the input from various departments and functional units. Governing body approves the same with some modifications if required. The audit report of each financial year will be placed on institute website.

2. The recruitment of faculty members will take place as per the rules and regulations laid down by JNTUH and AICTE. Appointment of faculty members gets confirmed only after ratification by selection committee constituted by affiliated university. Curriculum, Academic Calendar, activity calendar, Academic plan of Teaching-Learning process, Schedule of Value added programs and results of various exams are always available on institute website and college portal.

3. Various aspects of administration are addressed with utmost transparency. various certificates are being issued in stipulated time frame to the students. Online fee payment facility is made available for the convenience of students and parents.

4. Parents are well informed about attendance and academic performance of their ward through various ways.

5. Institute takes utmost care for quick and transparent flow of information among all the stake holders.

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.1.19)

7.2 Best Practices

7.2.1 State at least two institutional best practices (as per NAAC template)

Answer:

1. AVISHKAR

The event “AVISHKAR” was first introduced in Vignana Bharathi Institute of Technology with the sole purpose of eradicating the age – old myth of stage – fear! Along with various other benefits such as communication skills, body language, and general knowledge, thereby focusing over all individual growth, this event has acclaimed an appreciable nod from the whole of the R10 region and even at global level.

The event which first started out as an intra – college bout, is now a state level competition with various institutions battling over to win this prestigious antagonism.

Event Description:

- Avishkar is a paper presentation competition held exclusively for the first – B. Tech students.
- Every year it is conducted on 25th January (primary round) and 26th January (final round).
- About 200-250 students (100-125 teams) participates in this event and presents various technical topics in various groups. Awards are given to top ten teams
- The competition is of two phases, intra and inter.
- Firstly, the event flags off with the intra – college event. Top three teams from VBIT will be selected and given an opportunity to compete against the other colleges.
- The event concludes with inter – college competition with institutions taking part from all over Andhra Pradesh.

Impact:

- This activity serves as an effective alternative to the freshers party which is seen in any Engineering College and sometimes create a lot of disturbance in the campus.
- Senior students wholly organize this event for the new comers. This activity helps to hunt the talent and leadership qualities among the students in a great way.
- Rising number of participants every year proves the popularity of the event
- Media has taken appropriate cognizance of this event and given wide publicity
- **This activity has received an appreciation from IEEE at International level in the form of Darrel Chong Student Activity Award (Gold Prize) in 2012.**
- This activity find a place in a special article on “IEEE-VBIT student Branch” published in an International publication “IEEE Potential” (Volume-32, Issue-4, August 2013)-
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6565457&tag=1>
 (http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6565457&tag=1)

2. Audio Visual Classes, Student Seminars and Value Added Programs:

36 hours out of 42 hours per week are required to follow University curriculum. Since 2011-12 the Institute designed a program to utilize remaining 6 hours more effectively. The outline is as follows:

1	2 hours /week	AV Classes and Library/Incubation Centre
2	2 hours /week	Value Added programs(Communication/soft/Technical skills)
3	2 hours /week	Sports-3 slots/month and Seminar-1 slot/month

(1)AV Classes:

- To support the understanding of theory subjects, the provision of Audio Visual classes (two hours per week) is playing very significant role.
- Each Department identifies few subjects where multimedia presentations on various topics help students to understand that subjects with better depth and knowledge.
- Each class is having one faculty coordinator for AV sessions. Main Library is having 4 AV rooms where these sessions are conducted
- Pre prepared Audio Visual lessons by concerned faculty members are shown to the students during these sessions.

- o These AV lessons, the list of which is displayed on interactive library portal are available in digital library. <http://vbithydlibrary.pbworks.com/w/page/68543979/VBIT%20LIBRARY> (<http://vbithydlibrary.pbworks.com/w/page/68543979/VBIT%20LIBRARY>)

Impact:

- o This activity helps student to understand the subject with more depth and knowledge
- o Use of unusual, innovative and up to date resources makes the teaching Learning process more dynamic

2) Seminars:

- o 3 hours per month are allotted for class seminars during which 20 students has to give presentation on various technical topics
- o One faculty member allotted to each class as a seminar incharge who in turns prepares entire schedule of a semester (3-4 rounds of seminars/semester)
- o Seminar incharge and/or senior faculty members who attends this seminar evaluate the performance of the students and write their remarks in seminar evaluation book of the class

Impact:

- o This activity helps students to improve their presentation skills
- o Students having average or below average capacity gets good exposure to various resources since they have to prepare and present their topics independently.
- o Pre and post seminar discussion between students and faculty members helps to develop interpersonal relations which may affects on overall performance of the students

(3) Value Added Programs (VAP):

Institute and Departments design various need based programs to develop Communication and Technical skills of the students. The details are as follows:

1.	2011-12-II Sem	GRE-Maths, GRE-English, JAVA, TOEFL, Communication skills, C, C++, Spoken English
1.	2012-13- I Sem	Core Java, Java Certification, Oracle Certification, MATLAB, Aptitude, Advanced Communication skills
1.	2012-13-II Sem	GRE-Maths, GRE-English, Embedded systems, Mathematical bridge course & Aptitude, Proficiency course in French, Communication & Soft skills

1.	2013-14-I Sem	Android, J2EE
1.	2013-14-II Sem	Communication Skills, Soft skills, Aptitude and Logical Reasoning

Other details-

[http://www.vbithyd.ac.in/index.php?](http://www.vbithyd.ac.in/index.php?option=com_content&view=article&id=58&Itemid=179)

[option=com_content&view=article&id=58&Itemid=179](http://www.vbithyd.ac.in/index.php?option=com_content&view=article&id=58&Itemid=179)

([http://www.vbithyd.ac.in/index.php?](http://www.vbithyd.ac.in/index.php?option=com_content&view=article&id=58&Itemid=179)

[option=com_content&view=article&id=58&Itemid=179](http://www.vbithyd.ac.in/index.php?option=com_content&view=article&id=58&Itemid=179))

Impact:

- This program prepares students for proposed placement in various industries
- Hands on experience of modern and present technology which they may not learn in curriculum

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.2.1_
Link for Additional Information	View Document (http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Answer:

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.

As the educational system is getting more and more student centric, it is the duty of every institute to ensure appropriate standards for Teaching and Learning Process. As a part of this process the students are motivated to match their standards to the industrial and societal needs.

The meticulously well-defined student centric system has the following objectives at its core -

- to emerge as a hub for engineering excellence
- to achieve engineering education that is on par with the industry requirement
- to facilitate state-of-the-art teaching facilities to train students in emerging technologies
- to set up and maintain State-of-the-Art Laboratories
- to create department wise with incubation centers
- to provide training in emerging technologies through “Training and Placement Cell”
- to empower the student community through “Students Activity Centre” (SAC)

While the institute puts the students to higher degree of learning through this approach of beyond the text book, the students are provided full freedom to develop the capabilities and qualities in handling several activities of the professional bodies like IEEE, IETE, IEI, CSI etc.

VBIT follows certain specific approaches by drawing greater opportunity to the students for conducting student seminars, presenting papers, project developments, development of working models etc. As part of this the students are encouraged to present papers in some specific forums right from their I B.Tech. days.

Similarly, there are number of forums for the other students to conduct and to participate in seminars in and outside the college. The institute ensures at least one opportunity to every student in a given academic semester.

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.

There are separate clubs for each of these functions and thus provide an excellent opportunity and awareness to every student at VBIT In a sense VBIT ensures the overall development of the student as above with appropriate standards as per the current market requirements, in addition to the best possible efforts in Teaching and Learning Process.

The following are the activities handled by the students during each semester lonely the Student Activity Centre.

- Established 13 various forums under SAC in 2006-07 and now increased to 22 forums.
- Separate Bank Account for each forum
- Meeting of the student coordinators at the beginning of every Academic year to discuss the plan and budget of the activities during the year
- Providing complete autonomy to the members in planning and executing various academic, technical and co-curricular activities

File Description	Document
Any additional information	View Document (https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10150/7.3.1_
Link for Additional Information	View Document (http://vbithyd.ac.in/achievements/students-achievement

Extended Profile

Programme

Number of courses offered by the institution across all programs during last five years

Answer: 13

Number of self-financed Programmes offered by college

Answer: 07

Number of new programmes introduced in the college during last five years

Answer: 00

Student

Number of students year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1058	962	910	867	888

Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
705	668	758	683	531

Number of outgoing / final year students year wise during last five years**Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
741	826	829	665	572

Total number of outgoing / final year students**Answer: 3633****Academic****Number of teachers year wise during last five years****Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
267	258	242	212	144

Number of full time teachers year wise during the last five years**Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
267	258	242	212	144

Number of sanctioned posts year wise during last five years**Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
267	258	242	212	144

Total experience of full-time teachers**Answer: 15****Number of teachers recognized as guides during last five years****Answer: 11****Number of full time teachers worked in the institution during the last 5 years****Answer: 490****Institution****Total number of classrooms and seminar halls****Answer: 71****Total Expenditure excluding salary year wise during last five years (INR in Lakhs)****Answer:**

2016-17	2015-16	2014-15	2013-14	2012-13
1615	910	750	699	757

Number of computers

Answer: 1030

Unit cost of education including the salary component(INR in Lakhs)

Answer: 0.84

Unit cost of education excluding the salary component(INR in Lakhs)

Answer: 0.48

Conclusion

Additional Information :

Recognising our consistent efforts in execution of various skill oriented programs apart from prescribed curriculum, Government of Telangana has awarded us with “**TASK BEST PERFORMING INSTITUTION**” for the year 2016-17.

Concluding Remarks:

Imparting technical education to the students is the core objective of the institute. Technology is changing with great speed in today's world and designing of curriculum suitable to this dynamic technology is a challenging task for any institute.

We at our institute, trying to overcome this challenge by connecting our campus to industrial world by various ways. Establishment of Industry sponsored labs like SAP student academy, CISCO networking academy and IoT by IDEA labs is one of the ways in this process.

Alumni of our institute are successfully launching their start ups in response to the "Made In India " appeal by central government. The Re-Assessment by NAAC will be a mile stone in the journey of our institute.

