



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

BVRIT HYDERABAD College of Engineering for Women

- Name of the Head of the institution **Dr. K V N Sunitha**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
- Phone no./Alternate phone no. **04042417773**
- Mobile No: **9949402211**
- Registered e-mail **principal@bvrithyderabad.edu.in**
- Alternate e-mail **k.v.n.sunitha@gmail.com**
- Address **8-5/4, Rajeev Gandhi Nagar, Nizampet Road, Bachupally**
- City/Town **HYDERABAD**
- State/UT **Telangana**
- Pin Code **500090**

2.Institutional status

- Affiliated / Constitution Colleges **Affiliated**
- Type of Institution **Women**
- Location **Urban**

- Financial Status **Self-financing**

- Name of the Affiliating University **Jawaharlal Nehru Technological University Hyderabad**

- Name of the IQAC Coordinator **Dr. J Naga Vishnu Vardhan**

- Phone No. **04042417773**

- Alternate phone No. **04042417773**

- Mobile **9848805545**

- IQAC e-mail address **vishnu.j@bvriithyderabad.edu.in**

- Alternate e-mail address **jnvvardhan@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)

<https://bvriithyderabad.edu.in/wp-content/uploads/2023/10/AQAR-2020-21.pdf>

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://bvriithyderabad.edu.in/wp-content/uploads/2023/06/Academic-Calendar.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.23	2020	14/02/2020	13/02/2025

6.Date of Establishment of IQAC

01/12/2018

7.Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
CSE,IT,ECE	AI on earth Grant - Precision Agriculture	Microsoft	2021 (1 Year)	10,000 USD Azure Credits
ECE	National Innovation Challenge	AICTE-MIC	2022 (1 Year)	2,95,000
ECE	Assistive Technology Summit 2.0	TSIC	2022 (1 Year)	2,00,000

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **4**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

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

- If yes, mention the amount

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

Ranked by NIRF for the 4th consecutive year. Ranked in the Band 201-250 in NIRF 2022 announced on 15th July 2022

IT Department has been recognized as Research Centre under JNTUH for a period of 3 years on 3rd June 2022

Ranked in Band B (26th to 50th) in ARIIA 2020.

Our Institution is recognized under Unnat Bharat Abhiyan in Feb 2022

Participation of Students in National Wide Events like - National Innovation Challenge and got a start up grant of rs. 2,95,000 from AICTE and MoE for the product -Infant Cry Detector

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

Plan of Action	Achievements/Outcomes
Increase in Pay package and Average Salary in Placements	There is a significant improvement in both the highest package and the average salary of the placed students
Improving the visibility of the college	Ranked by various reputed Bodies- NIRF, ARIIA
To establish centre of excellence in the emerging technologies	Specialized labs in cutting edge technologies are established
To enrich entrepreneurial activities with an aim to take at least one product into the market	The ground work for the said is in progress. The team is in consultation with the concerned persons.
To conduct sessions by IIT / IIIT / HCU Scholars based on the availability	The sessions by PMRF scholars are going on regularly
To Improve foreign collaborations	The society is having MoUs with two foreign universities. The efforts are on for further MoUs for multiple collaborations
To conduct sessions and encourage students towards Higher Studies	The GSAC at the society level, organized the sessions to encourage the students for higher studies. The number of students opted for higher studies is significantly improved

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	21/07/2023

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Mobile	9848805545				
• IQAC e-mail address	vishnu.j@bvrithyderabad.edu.in				
• Alternate e-mail address	jnvvardhan@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://bvrithyderabad.edu.in/wp-content/uploads/2023/10/AQAR-2020-21.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://bvrithyderabad.edu.in/wp-content/uploads/2023/06/Academic-Calendar.pdf				
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<ul style="list-style-type: none"> Name of the statutory body
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Name	Date of meeting(s)
Governing Body	21/07/2023

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	15/02/2023

15. Multidisciplinary / interdisciplinary

Our College, BVRIT HYDERABAD College of Engineering for Women is affiliated to JNTUH. Hence, the college is binded to follow the curriculum prescribed by the University.

As per the curriculum also the students of each programme will pursue the courses in multidisciplinary / interdisciplinary. Along with the curriculum, the students are also encourages to do certifications multidisciplinary / interdisciplinary areas.

The students are also encouraged to participate in Hackathons / Technical competitions as heterogeneous teams involving the domain knowledge of multidisciplines.

16. Academic bank of credits (ABC):

Our College, BVRIT HYDERABAD College of Engineering for Women is affiliated to JNTUH. We are planning to register for Academic Bank of Credits from the next Academic Year and going to implement the same.

17. Skill development:

The college offers "Women In Software Engineering (WISE)" programme in collaboration with industry personnel for all the students irrespective of discipline to bridge the gap between industry requirements and academia. The curriculum of this programme will be updated based on the latest technologies as and when required.

To experience problem based / project based learning, the specialized labs viz., Drone Technology Lab, Assistive Technology Lab, IoT Maker Space Lab, etc., are available for the students. The Insitute is in collaboration with premier institutions viz., IITH, IIITH, NITW, THub, etc., to use their labs and facilities by both staff members and students.

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

The Course Indian Knowledge Tradition was introduced as a mandate course for CSE (AI&ML) students in III Year - I Sem by the affilaiting University - JNTUH. All students have opted for it.

As per the requirements of the local medium students, the faculty members, repeat the content in local language for better understanding.

The institution celebrates all the popular festivals viz., Sankranthi / Lohri, Ugadi, Krishnastami, Dussera, Diwali, etc., to inculcate the culture and know the significance of each of it.

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

The Institution adopted Outcome Based Education from the inception. For each course in the curriculum, the course outcomes are defined. The gaps will be identified in each course and will be filled by using different means.

After the results, the attainment of COs is calculated and the correspondly of POs & PSOs. If there is non-attainment of any CO, the current faculty member will recommend the possible actions to be taken for the improvement for the future.

For each batch, after the completion, the attainment of POs and PSOs will be calculated. Based on the attainments, the future course of action will be planned.

The students are encouraged to participate / involve / organize in both co-curricular and extra-curricular events for the holistic development.

20.Distance education/online education:

The B.Tech. / M.Tech. Programmes' courses are offered by the Institute are of regular mode. However, the students have provision to complete few professional electives through NPTEL and can obtain credit transfer by following the guidelines prescribed by JNTUH.The college is a local chapter for NPTEL.

Along with this, the students are encouraged to upskill themselves through online platforms and get certified. The college is also having an MoU with L4G, to have online courses of Coursera available. The college is also associated with edX to make online courses available.

Extended Profile

1.Programme

1.1	450
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	View File
2.Student	
2.1	2103
Number of students during the year	
File Description	Documents
Data Template	View File
2.2	281
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	401
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	136
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	136
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	33
4.2 Total expenditure excluding salary during the year (INR in lakhs)	1047.99
4.3 Total number of computers on campus for academic purposes	900

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum prescribed by the affiliated university is followed. Various teaching-learning methods have been designed by the college. The Curriculum planning is performed by Department Academic Committee at the beginning of the academic year as:

Preparation of Academic Calendar: It includes curricular, cocurricular and extra-curricular events in alignment with the college academic calendar.

Library Upgradation: The library is informed about textbooks, reference books and e-journals.

Course Allocation: The course allocation committee allocates the courses to the faculty members based on their preferences.

Timetable Preparation: The Time-Table Committee prepares class-wise and lab-wise timetables by including all the necessary along with individual timetables.

Design and Dissemination of Course Plan: Each faculty member prepares course plan by including all the resources required for

each topic as well as other topics beyond the curriculum.

Preparation of Course file: Each faculty member prepares the course file by including all the prescribed topics. After the semester, it is updated with assessment and attainment details.

Content Delivery: In addition to the traditional lecture method, new and innovative techniques are employed to deliver content.

Reviews: Syllabus coverage and regularity of the students is reviewed periodically by the class review committee.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

Assessments: As per the regulations of the affiliated university, the assessment is in two ways:

1. Internal Assessment (25 Marks):

There are two internal assessment tests, the first one after eight weeks of the commencement of the semester on 1st half of the curriculum and the second at the end of the class work, i.e., after sixteen weeks, on the remaining half of the curriculum. The internal assessment includes descriptive test for 10 Marks, objective test for 10 Marks and assignment for 5 Marks. The descriptive, objective and assignment papers are designed by including the concerned course outcomes and bloom's levels. Continuous evaluation and assessments are also done for laboratory course. Conduction of laboratory experiments and viva, Submission of records are the major components of laboratory course evaluation. For the laboratory courses, the internal assessment includes day to day evaluation for 15 marks and internal examination for 10 marks.

2. External Assessment (75 Marks): External assessment for theoretical courses is based on the semester end examinations conducted by the university and external assessment for laboratory is done at the end of the semester by an external examiner

assigned by university and internal faculty, handled the concerned laboratory course.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

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

6

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

28

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

1892

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1892

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment**1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

The curriculum offered by the university addresses the cross cutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics. The institute believes in maintaining healthy environment for all of its stakeholders. Gender: 'Women empowerment' being one of the key initiatives taken up by the society/Govt. JNTUH introduced a course "Gender Sensitization" to create awareness among students about sensibility with regard to issues of gender in contemporary India. The institution also formed Grievances Redressal Cell to provide counseling, promote gender equity and also deal with related

issues of safety and security. Environment and Sustainability: Environment protection is essential for the survival of human beings as well as other living beings. University prescribed course "Environmental Science/Studies", "Disaster Management" provides students understanding of ecological balance for sustainable development, impacts of developmental activities and mitigation measures and environmental policies regulations. Human values and professional ethics: Through the course "Professional Ethics" students will be able to know the importance of ethics in engineering profession. Students are able to understand the ethical dilemmas that they come across in their daily life. Different dimensions of ethics, professional risks, and professional accountabilities in engineering are discussed.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

6

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

171

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile****2.1.1 - Enrolment Number Number of students admitted during the year****2.1.1.1 - Number of sanctioned seats during the year**

600

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

281

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The Institute conducts a diagnostic test in various entry level skills for first year students to determine/understand their capabilities. The result of this test helps faculty members to categorize the students and plan differentiated instructions accordingly. The diploma students, admitted directly into second year through lateral entry are usually lacking in communication and computation skills. So, bridge courses on Mathematics, English and C programming are conducted to enhance their skills.

The institute has a well-defined mentoring process; each faculty mentor is assigned with about 20 students. Through personal interaction, faculty mentors understand each mentee's needs expectations and difficulties, to counsel them appropriately.

Tutorial/Remedial classes are conducted based on the need, to assist slow learners. Group activities are conducted in class rooms, with the teams of heterogeneous learners. The heterogeneous teams are also formed for project works for collaborative learning.

The advanced learners have a plethora of sources at the institute to explore their knowledge such as Project Lab, Assistive Technology Lab, IoT Maker's space, Drone Technology lab, etc. They are encouraged to do research, develop innovative projects and participate in well-known national & international competitions. Various incentive schemes are provided to encourage the student performers in different competitions.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
2103	136

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

The Institute encourages teachers and students to adopt various active learning techniques, because students committing themselves to the process of learning, academic outcomes can soar. Experiential learning occurs in variety of forms in the Institute. Students complete two projects as per curriculum, involving a process of substantial discovery, synthesis, or application of information in solving the real-world problem. As part of the WISE program, organized in collaboration with industry, the students get trained and carried out at least two projects in cutting-edge technologies. A Technical seminar is conducted, where students collect information about advanced topics in their interested domain and submit a report along with the presentation. Besides the curriculum, students are encouraged to do hobby projects to enhance the experiential learning. Institute has special labs such as IoT Maker Space, Assistive Technology Lab and Drone Technology Lab to engage students in the domain of innovation and to develop projects benefitting the differently abled people. Students are

encouraged to participate in prestigious Hackathons to showcase their design skills and work with their peers. Students are also encouraged to undergo internship/mentorship from various reputed organizations and develop/refine their skills to gain valuable work experience and explore a career path.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

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

Teachers at BVRIT HYDERABAD College of Engineering for Women are combining technology with traditional mode of instruction to engage students in long-term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high-speed Wi-Fi connection. Faculty uses various ICT tools for effective teaching-learning like:

Moodle—Used to develop a course portal by the faculty members by posting the learning material, assignments, quizzes, lab submissions and evaluations, video lectures, discussion forums, etc.

Media Lab—Used to create video lectures and upload into the course portal for students to use as extra learning resources.

E-Lab—E-Lab is a system for solving and auto-grading programming problems. The platform supports different types of problems in several programming languages (C, C++, Java, Python).

Projectors—Projectors are available in classrooms and labs.

Desktop/Laptop—Used by faculty members for PPTs, embedded with animations and simulations to improve the effectiveness of teaching-learning process.

Digital Library—Resources like DELNET, IEEE, J-Gate, NDLI, etc., are available

Both the faculty members and students are trained at VEDIC in various ICT tools and learning techniques.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

2.3.3.1 - Number of mentors

103

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

2.4 - Teacher Profile and Quality

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

136

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

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

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality /

D.Sc. / D.Litt. during the year

43

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers**

657

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

2.5 - Evaluation Process and Reforms

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

Theory and Laboratory courses, Seminars and Project works are evaluated internally. During the induction program, exam cell educates the students on various parameters of internal evaluation system, changes related to evaluation.

The internal marks are based on the mid tests and assignments for theory courses.

Academic calendar is available on the website and notice boards of respective departments.

Question papers as different sets are prepared by faculty members, handling the same course and one of the sets is picked randomly by the exam cell for the mid.

The answer scripts of internal examinations are shown to the students after evaluation for resolving the discrepancies, if any.

Students are instructed to refer to various books and resources pertaining to the course for completing assignment questions for each mid exam and the assignment scripts are returned to students after evaluation for further reference.

Day to day evaluation is done in each laboratory session and marks are posted in the students' observation book.

Consolidated list of marks in each midterm exam is displayed on the notice boards.

Major projects are evaluated internally by a Project Review Committee using the stated rubrics.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

The Examination Cell consists of the Principal (Chief Superintendent), Examination In-charge and a Faculty coordinator from each department. The cell takes care of examination related grievances. Students/Faculty members can approach the Examination Incharge for any issues related to examinations. The cell conducts a meeting as and when required to resolve the issues. The examination cell conducts internal and external examinations by strictly following the guidelines given by the university.

Redressal of grievances regarding evaluation in both internal assessment and university examination is taken care by the Examination cell. The discrepancy noticed in internal evaluation will be resolved by the faculty member by making necessary corrections or giving proper justifications and then the internal marks are displayed on notice board.

External evaluation is done at the university. The student, not satisfied with the result, can apply for re-counting/re-evaluation within the specified time through the examination cell. The student, not satisfied with the result of re-counting/re-

evaluation, can apply for challenge evaluation, where the evaluation is done in the presence of the student. The entire process is monitored by the exam cell. Thus the examination related grievance redressal mechanism is efficiently carried out by the institute's examination cell.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The curriculum for each programme is provided by JNTUH, Hyderabad. As the college follows outcome based education, Course Outcomes (COs) are defined for all the courses by each department as following:

- The number of COs for theory course is 6
- The number of COs for laboratory course is 4
- The number of COs for project work/technical seminar/comprehensive viva is 5

The curriculum is divided into different modules based on specialization. Each module consists of Module Coordinator (MC) and Course Coordinators (CCs). The faculty members teaching the course are CCs and one expert among them is the MC. COs for all the courses are framed and duly mapped with the Program Outcomes (POs) and Program Specific Outcomes (PSOs).

There are twelve POs, defined by NBA and are to be fulfilled by all the programmes in higher education. PSOs are defined by individual programmes. The POs, PSOs and COs are disseminated to all the stakeholders through various means, viz., displaying on institute's website, in class rooms, corridors, Laboratories, Faculty rooms, etc., and printed on lab manuals, institute/department magazines, etc., The COs are also disseminated to students through course coordinators and lesson plan.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

CO attainment is done by considering both direct(80%) and indirect(20%) assessments. The data is collected from the students' performance in both internal and external Assessments. The internal assessments include subjective and objective tests, assignments, day to day evaluation in laboratory courses, project internal reviews and Technical seminar. The external assessments such as Semester End Examination(SEE) for theory courses, External Laboratory Examinations, Project work are conducted by the affiliating university. The attainment levels of each CO are decided with some rubrics as 0, 1, 2 and 3 based on the students' performance. The attainment of the CO is calculated as an average of the attainment levels of the questions mapped to that CO. Now, this obtained attainment of a CO is compared against the target to decide the attainment of the CO. In indirect assessment, the Course End Survey(CES) is used.

PO and PSO attainment is calculated through direct(80%) and indirect(20%) assessments. In Direct method, The CO attainment values of all the courses are used to calculate the attainments of POs and PSOs using CO_PO and CO_PSO matrices. In indirect method, the attainment of POs/PSOs is calculated using Course End Survey(CES), Graduate Exit Survey(GES), Parents' Feedback and Alumni's Feedback.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

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

335

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://bvrithyderabad.edu.in/Graduation_Report_2021-22.pdf

2.7 - Student Satisfaction Survey

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

https://bvrithyderabad.edu.in/U_SSS_2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

12.49

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

3

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

35

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

44

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers

published in national/ international conference proceedings per teacher during the year**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

86

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

BVRIT HYDERABAD College of Engineering for Women always try its best to involve faculty members and students in carrying out activities in neighbourhood community. To make this into reality BVRITH - NSS, for the people was established. Through this cell number of events was conducted. Our students in association with Voice 4 Girls participated in activity based camps in government and low cost private schools to help the adolescent girls. To promote the holistic development, activities like Declamation contest on Patriotism and National Building, Daan Ustav - "The Joy of Giving" were conducted. Besides the above, many physical and mental health related camps and events, environment protection activities like Making natural compost, Organic farming, Plantation, Eco Friendly Ganesh Idol Making were also a regular part of the NSS Cell. College was also registered under Unnat Abhiyan to serve the society. By conduction of the activities throughout the year will create a great impact in the students and faculty members by continuously engaging them and having a mindset towards community development and environmental sustainability

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

25

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

2164

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

141

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

7

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

BVRIT HYDERABAD College of Engineering for Women is situated on a sprawling lush green campus of 6.125 Acres.

The College provides resources and infrastructure for academic excellence categorized into:

(a) Learning facilities comprising of laboratories, class rooms, library etc.

(b) Support facilities include hostels, seminar halls, sick rooms, parent lounge, stationery shop, Kalavedika etc.

(c) Utilities like RO Plant, washrooms /restrooms, uninterrupted power supply (UPS), power generators, yoga hall and gymnasium etc.

- The Institute has 33 classrooms with ICT enabled facilities.
- The Institute has four Seminar Halls with ICT facilities.
- The Institute has 40 state-of-the art laboratories.
- VEDIC is a unique residential campus established in 2016 with the vision to nurture and empower the staff members and students.
- WISE: It runs alongside the regular academic program.
- The College has established NPTEL Local Chapter to empower the learners.
- ATL encourages girl students to develop applications/products for specially challenged people.
- IoT Maker Space is launched in association with TASK and HYEAA.
- To promote the research culture among faculty and students, a well- equipped research lab is established.
- The College has 900 computing machines, including 174 laptops and two high-end rack servers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

The institution caters to the all-round development of the students including their co-curricular needs. Towards this several facilities like sports, gymnasium and yoga classes are provided. The Institution has a sports complex with one acre playground for outdoor sports like Athletics, Football, Badminton, Volley ball, Basketball, Kho-kho, Shuttle, Kabaddi, Shot-put, Discus throw and track events. The institution also provides indoor games like caroms, chess, table tennis etc.

Sports hour is included in the time-table to give all the students an opportunity to avail the above-mentioned facilities.

The rate of use of the sports complex on an average is 100-120 students per day. A full-time qualified Physical Directress and 3 external professional coaches are available to train the students for the physical fitness and sports activities. A National Level Sports Meet-NYPUNYA is organized once in two years.

The other facilities include:

Gymnasium

Yoga

Cultural Activities

The Student-driven Clubs under Central Cultural Club-SAARANG:

1. Photography Club-Shutters Club
2. Writer's Club- Writing Unleashed
3. Drama & Short Film Club- Spotlight Productions
4. Dance Club- Vyna
5. Music Club- Sonata-Certificate Course-Instrumental-Trinity College of London, U.K.

The above facilities are also available to all students beyond the regular working hours of the institution.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

37

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

37

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

2,698.00

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The Library is at Ruby Block in the campus. The library is a separate new multi-storey building and is open to all students and faculty members. The Library was automated in the year 2012 with ECAP Software, Version 2.0. Reprographic facilities are available in the library. Reference books can be studied only in the library. It has a vast collection of over 20950 volumes and 2890 titles & subscribes to 74 Journals & Magazines. The Online Public Access Catalog (OPAC) is an online database of materials held by the library to search by author, title, subject and publisher. The total seating capacity of the library is 150.

The Entire transactions in the Library are done through ECAP Automation Software. The library is equipped with the state-of-the-art facilities where the students and the faculty members can make use of the available resources. Faculty members qualified in Library Science are dedicated to put their best efforts to satisfy the students and faculty members. The Digital library is equipped with computers and high speed internet facility.

- Name of ILMS software - ECAP
- Nature of automation (fully or partially) - Partially
- Version - 2.0
- Year of Automation 2012

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil

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

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

1371.18

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

101

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

4.3 - IT Infrastructure

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

To keep abreast with technologies, the institute periodically updates its computing resources. All the computing labs are connected through underground fibre optic network. The campus is provided with uninterrupted internet connectivity. The campus-wide connectivity is incrementally provided by installing sufficient number of Wi-Fi access points and switches over a period of time.

The Internet Bandwidth is 1420 Mbps to cater to the academic and research needs in the campus.

The Institution has two high-end rack servers by IBM and Lenovo with the speed of 12 Gbps. The IBM X3650 M4 Server 791514A was installed in the AY 2012-13 and to meet the increasing computing requirements, the second server, Lenovo X3650M5 Server 8871PEA was

installed in the AY 2017-18. Video Conferencing and lecture capturing system facilities are also available in the institute.

The Upgradation of computer systems is taken up periodically and new computers are also added to meet the academic and research requirements. The printers and scanners are also upgraded.

The Institute encourages the use of open source software for computing, teaching, learning, and research activities.

The institute is under video surveillance with CC Cameras for safety and security. The number of CC cameras is 56.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

900

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

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

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

1,052.00

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

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

Physical Facilities:

The college has a site engineer, maintenance engineer and supporting staff to render the technical assistance for construction, building maintenance and repairs periodically.

Laboratory Maintenance:

All the equipment and machinery of the laboratories are periodically maintained by the lab technicians.

Computer and Accessories Maintenance

A dedicated System Administration team takes care of the maintenance of computers, LCD Projectors, Printers and the networking.

Electrical Maintenance

Each department lodges a complaint about the electrical maintenance work and gives their requirement of electrical appliances to the Administrative Officer; skilled Electrical Supervisors monitor the electrical maintenance on a daily basis.

Library:

The library updates its books repository on yearly basis as per the changes in the curriculum. Inputs from the students and faculty members are collected in the prescribed format for books to be procured beyond the syllabus.

Sports Complex Maintenance and Utilization

All Sports amenities such as playgrounds, courts and indoor stadium are under the control of physical directress. She takes care of maintenance.

Other Maintenance Activities:

- Maintenance of gardens, tree plantation, and landscape maintenance is done by gardeners under the guidance of professional horticulturalists.
- Maintenance of Lift is done by the service provider.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

986

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

95

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

306

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

306

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

306

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

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

5.2.2.1 - Number of outgoing student progression to higher education

59

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

68

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

5.3 - Student Participation and Activities

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

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

13

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

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

Institute has a robust system to provide support for overall development of the students by ensuring their engagement in various administrative, co-curricular and extracurricular activities. Students are adopted for different administrative bodies like Department Technical Associations, Cultural Committee, Sports, Toast Masters, Literary, Hostel, Canteen, NSS, Extra and Cocurricular Activities etc. These committees are responsible for conduction of various activities in the campus. These activities are guided and supported by faculty members. The management of the Institution meets the required funding for conduction of such events. Institute has a practice of identifying class representatives for each class and nominates them under Class Review Committee along with few other students. Grievance Cell enquires and analyses the nature and pattern of the grievances in a strictly confidential manner and ensures timely response. Regular Monitoring and Surveillance is done through CCTV cameras installed in entire campus. Sexual harassment or any other form of misconduct within the organization shall be addressed by the committed and necessary counselling / action will be taken to ensure fair and impartial investigation into the complaint. Anti-Ragging Committee also ensures no ragging incidents in the institution and spreads awareness among the students against any ragging activities through displaying boards of anti-ragging, observation in hostel including canteen.

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

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

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

15

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Alumni Association serves as a bridge between Institution and its graduates, facilitating a lifelong relationship that benefits both parties. The BVRIT HYDERABAD ALUMNI ASSOCIATION, established in 2016 with the Reg. No. 1761 of 2016, is highly active inside the institution. By default, all departing students join the BVRIT HYDERABAD ALUMNI ASSOCIATION. They provide a platform for graduates to connect with fellow alumni, faculty, and professionals in their field. Alumni are responsible for nominating and electing association members. The institution's greatest asset and brand ambassadors are its alumni.

The alumni of our college have a dedicated Facebook page that was set up at <https://www.facebook.com/BVRIT-Hyderabad-Alumni-Association-204704556740656/> to facilitate networking and share

information about significant events and accomplishments at the college. Regular Reunions and Homecoming are arranged yearly as well as sometimes during their homecoming occasions that let alumni catch up with former coworkers, faculty members, and the College itself. This is organized with a moto to create alumni chapters in various nations or areas to provide alumni the chance to connect and work together regardless of where they are.

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

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The college works towards the vision of becoming a top tier institute in Technology and Research. To achieve this, the organisation encourages the faculty members and students towards research leading to innovation. The college has an efficient R&D team consisting of central coordinator and dept. coordinators. Faculty members are encouraged to publish their research work in renowned publications and also encouraged to file the patents related to their area of research. The college facilitates faculty members to up skill themselves through various courses and Faculty Development Programmes relevant to their field of interest. The college awards incentives to faculty members for their publications/patents, reviewed by the R&D Committee, as per the R&D policy. The college also provides the necessary infrastructure, frequently updated based on the need. The students are encouraged to participate in hackathons, idea pitching competitions and also to develop hobby projects. Prize money will be awarded as per the respective policy. Through Assistive Technology Lab(ATL), students are made aware of the societal

problems and guided to develop solutions for the same. Student clubs/NSS are running by students under the supervision of the faculty. These initiatives will help them to learn, explore, empathise and work in teams.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

About Examination Cell

The Exam cell is the backbone of BVRIT HYDERABAD College of Engineering for Women, taking care of efficient conduct of all the internal and external examinations of the college, as per the norms of JNTUH. The Examination Cell is headed by the chief superintendent (principal) and supported by a team of members. The team consists of the Officer In-charge of Examinations (OIE), department coordinators along with assistants and supporting staff.

Decentralization

The examination cell superintends the smooth conduct of End Exams & Mid exams for different programs. The OIE adheres to the schedule outlined in the academic calendar of the University throughout the academic year. The OIE superintends all aspects of conducting exams and result analysis, along with handling any other related matters. The coordinators ensure that all tasks related to the examinations are completed on time.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Vishnulearning.com is a cutting-edge Learning Management System(LMS) platform designed to cater to the ever-evolving eLearning needs of students. The platform has been introduced at the SVES level, with the support of eAbyas Info Solutions. It is a multi-tenant platform, built on open-source software that enables teachers to create online educational resources for their students with ease.

One of the key benefits of Vishnulearning.com is that it allows teachers to customize their online courses to meet the individual needs of their students. BVRITH, for instance, has developed around 400 courses across six programs, with more than 2000 user accounts having access to the course content. The faculty members at BVRITH have utilized various well-established methods to create and curate the course material. They have leveraged the platform's numerous features to deliver both synchronous and asynchronous learning options. Students can participate in real-time quizzes, gamification, peer-reviewed assignments, and discussion forums, among other activities.

Vishnulearning.com is a powerful tool for delivering personalized and engaging eLearning experiences. It has enabled teachers to enhance the quality of education by creating dynamic and interactive course content. Similarly, it has empowered students to learn at their own pace and in a way that suits their learning style.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The BoG comprises of Chairman, Principal, two industry personnel, two management representatives, one academician from IIT, one academician from NIT, one nominee each from AICTE, state government & JNTUH and two internal faculty members.

Principal is the chairperson for all the activities, supported by Vice-Principal, Professor I/C Academics, Professor I/C

Accreditations, Professor I/C Admissions and HoD's.

IQAC develops and maintains the system to improve the academic and administrative performance.

Examination cell conducts all examinations scheduled by JNTUH. Administrative Officer takes care of all the administrative works.

The Faculty Members are having research background, strong inclination towards innovative technologies and also provide research training to the students through various projects.

Every two years R&D policies and Service rules will be changed. The Hand Book is made available on the website.

TPC monitors placement activities to fulfill dreams of the students and also coordinates with Graduate Study and Abroad Centre (GSAC), to support the higher studies.

Entrepreneurship Development Cell (EDC), part of V-SAW helps to promote entrepreneurship through improving the entrepreneurial skills of the students through various trainings

Physical Directress coordinates the trainings by coaches and participations in outside competitions. The Librarian and the library staff takes responsibility for the smooth functioning of the library.

The college has various clubs, to improve the skills & talents of the students and to plan & organize the events.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Medical Health Insurance Coverage.

Concession in Transport fee.

Availability of Full time Doctor, nurse and ambulance.

Regular Psychologist.

Sports, gym and yoga facilities are provided for both faculty and their family members.

Medicines are available in the college for minor ailments.

College conducts technical boot camp during summer vacation for the children of staff. Maternity, Medical, earned leaves/vacation are available.

ATM facility is available in the campus.

Financial assistance towards Registration Fee, Dearness Allowance, Travelling Allowance for conferences, workshops and FDPs.

Incentives for paper publications in International Conferences & journals and Certifications.

Faculty members are covered under EPF.

Academic leaves are sanctioned for the required faculty members.

Appreciation for the department for producing University Rank.

Appreciation for the top two faculty members in students' feedback in each class.

Appreciation for the faculty member for achieving 100% results in the dealt course.

Gratuity amount after completing five years of continuous service.

The day care centre, to support the staff having small kids to balance their personal and professional work.

Interest free advances in emergencies.

Uniform is provided for supporting staff.

Non-Teaching Staff is covered under ESI and EPF.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

64

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

10

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

92

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The sample formats of self-appraisal forms of both teaching and technical staff are provided as:.

For Teaching Staff:

Criterion No

Parameter

Marks

1

Feedback

10

2

Pass Percentage

15

3

Best Practices / Technology usage in Teaching Learning

5

4

Content Development

5

5

Workshops / FDPs Attended

5

6

Workshops / FDPs / Events / Conferences etc Conducted and Invited
Lecture / Resource Person

5

7

College level

8

8

Department level

7

9

Online Certifications (recognized)

5

10

Guiding students at State / National / International Level

5

11

Publications / Patents /Books authored

15

12

Funding Projects / Consultancy

5

13

Placement Contribution

5

14

Awards / Honors etc.

5

Grand Total

100

Technical staff:

Criterion No

Parameter

Marks

1

Details of the Laboratories handled in last two semesters

20

2

Workshops Attended

10

3

Responsibilities taken up at department and Institution level

20

4

Helping the students at State / National / International Level
Project competitions

10

5

Job Assessment / General Ability

10

6

Human Relations

10

7

Work Output

10

8

Work Habits

10

Grand Total

100

For admin and other non-teaching staff, recommendations of Administrative Officer and Principal are considered .

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has a mechanism for internal and external audit. The internal audit is conducted on quarterly basis. Qualified Internal Auditors and their team of staff do a thorough check and verification of all the transactions that are carried out in each quarter. The external audit is conducted once in a year to approve

the balance sheet after due verification. Minor errors or omissions and commissions, pointed out by the auditor are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future.

The institute regularly follows Internal External financial audit system.

The functions of Internal Audit are:

1. Evaluates institution's overall internal control system related to finances.
2. Ensures proper recording and safeguarding of institution's income, expenditure, assets and liabilities.
3. Confirms compliance with laws, regulations and established organization's policies practices.

The functions of External Audit are:

1. Verifies quarterly internal audit report, findings and corrective actions.
2. Prepares and approves the balance sheet after verifying the consolidated records.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Mobilization of Funds/Sources of Funds

1. **Students Fee:** Fees are collected as per the guidelines of the TAFRC for both the categories.

2. **Other Income:** This income is generated from interest earned on bank balance, placement fee, consultancy and sponsorships for the various events.

The Additional/Deficit Funds

1. Any deficit or additional funds shall be supported by the SVES.

Optimal Utilization of Funds:

The BoG, Administration and Finance Committees constantly monitor and review the utilisation of funds as per the budget. They make recommendations for optimal distribution and effective mobilization of funds. Each DAC gathers & analyses the financial requirements and submits to finance committee. The same is followed by other committees as well. The consolidated budget is prepared by finance committee and submitted to CAC for review. The CAC reviews, modifies if required and submits the final report to the BoG for approval.

Funds are allocated to various departments as per the budget approval and are optimally utilized for various heads with prior approval of Management

1. **Non-Recurring Expenditures:** - Infrastructure Augmentation includes construction of new buildings and the establishment of labs, Purchase of books for library and Sports Facilities.

2. **Recurring Expenditure:** Salaries, Maintenance, Procurement by

the library, Sports Equipment, R&D, Incentives, Medical Facilities, Insurance, EPF&ESI, Electricity Charges, Functions, Staff-Welfare, Student Scholarships and Miscellaneous Expenditures.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

The IQAC institutionalized the quality assurance strategies and processes in the following areas:

1. **Academics:** After the post COVID, the classwork resumed to offline from hybrid mode. All the academic activities are carried out as per the academic calendar. A new block came into usage to accommodate the subsequent increase in the strength of the students.

2. **Upskilling:** In order to enhance the technical skills for both the faculty members and the students in the emerging technologies they are encouraged to participate in FDPs and workshops in Online / offline mode. They are also encouraged to get certified by various recognized platforms.

3. **R & D:** The Research centre is sanctioned to Department of IT, by JNTUH for Ph.D. admissions. Because of collaborative research among the institutions of the society and research labs from premier institutions, there has been a significant rise in the number of patents published and papers published in reputed journals. There is considerable number in funding project proposals submitted by faculty during this A.Y. 2021-22. Many of the students' projects are being converted into research publications either in conferences or journals.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

IQAC's one of the main role is to ensure that academics are going smoothly. IQAC collects the syllabus coverage twice in a semester and ensures that department conducts class review committee meetings and also discusses the issues with courses if any. As the pandemic ended, from the beginning of academic year, the classes were conducted in offline mode, shifting from hybrid mode.

Faculty members are advised to conduct revision classes for the students to revise the important topics covered earlier. They are also advised to adopt various innovative teaching methodologies, as earlier.

The faculty members were also advised to take remedial classes for the students having backlogs as they were earlier trained in online mode.

The Lateral entry students were offered bridge classes to fill the gaps between the intermediate education and diploma education. They were also introduced to problem solving and coding by C & Python programming sessions.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit

B. Any 3 of the above

recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The college has facilities for the students such as common room, waiting room, store etc. The students have all the facilities for games and sports. Adequate infrastructure are provided for indoor and outdoor games and extra-curricular activities. The college provides hostel facility for the students. Being girl's college adequate high security and utmost care is taken. CCTV camera surveillance systems are increasingly being used in the college to maintain safety and security.

College provides gym facility to cultivate a healthy relationship with fitness for personal wellbeing. Our college has a huge role in bringing out the best in our students. Through counselling of Dr. Anitha Are, students are given advice on how to manage and deal with emotional conflict and personal problems. Our Students are provided proper guidance on how to deal with psychological problems which can badly impact their studies. Some sessions are conducted on career guidance, for the selection of courses and different career paths.

Accessible toilets are toilets that have been specially designed to better accommodate people with physical disabilities. Persons with reduced mobility find them useful, as do those with weak legs, as a higher toilet bowl makes it easier for them to stand up.

File Description	Documents
Annual gender sensitization action plan	https://bvrithyderabad.edu.in/naac/7_1_1_G_E_Gender_Sensitization_circulars_and%20_reports.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://bvrithyderabad.edu.in/naac/7.1.1_geo_tag_photos.pdf

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

B. Any 3 of the above

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

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

Inspired by Swachh Bharath, a flagship initiative of Government of India, initiatives taken to properly dispose waste and maintain eco-friendly environment in and around the campus.

Solid waste management

Solid waste collected in the campus, is segregated at source by providing separate dustbins. The daily food waste is displayed to everyone to avoid waste.

The waste generated in engineering workshop lab is properly accumulated and sent to recycling from time to time.

My Green Bins are used to convert into compost, used for plants.

Liquid waste management

Sewage treatment plant is used to remove contaminants from waste water. In the campus, STP plant with capacity of 60 KLD is under operation. Waste water from RO plant is used for gardening purpose.

E-waste management

E-waste from labs is properly collected and is either given to the licensed recycler or reused. Non-working computers, monitors, and printers are discarded and scrapped in a systematic manner.

Waste recycling system

College has a MoU with ISO approved waste management social enterprise "Waste Ventures Pvt. Ltd."

Hazardous chemicals and radioactive waste management

Generated chemical wastes from labs and other areas on campus were removed, and manage them through to their final destination offsite.

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

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

A. Any 4 or all of the above

5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies
of reading material, screen reading

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

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

National festivals and National days of significance play an important role in planting seed of Nationalism and Patriotism among people. Our institution celebrates these Festivals and Days to resemble of the culture and traditions. Staff Members and Students come together to celebrate these occasions and spread the message of our Tradition and importance of festivals. The Events organized are:

1. Rakhi making
2. Nandanotsav - Krishnastami Celebrations
3. Making of Eco-Friendly Ganesh Idols
4. Independence Day
5. Teachers Day-Sir Sarvepally Radhakrishnan's Birth Anniversary
6. Engineers' Day- Sir Mokshagundam Visvesvaraya Birth Anniversary
7. Bathukamma & Dussehra Celebrations
8. Graduation Day
9. Dr. B.V. Raju Birth Anniversary
10. World Students' Day- APJ Abul Kalam Birth Anniversary
11. Diwali Celebrations
12. Induction Programme
13. National Education Day- Maulana Abul Kalam Azad Birth Anniversary
14. Parichay 2K22 - Fresher's Day
15. Constitution Of India Day

16. Making of Greeting card
17. World Disability Day
18. Alumni Meet - MILAN
19. National Mathematics Day - Sri Srinivasa Ramanujan Birth Anniversary
20. Sankranthi Celebrations
21. Republic day
22. National Science Day
23. International Women's Day
24. Ugadi Celebrations
25. Annual Day
26. Farewell Day Celebrations
27. Earth Day
28. World Environment Day
29. International Day of Yoga

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

Rights on the one hand give an individual an opportunity to be a part of development process while duties on the other hand make an individual obliged to play a part in the development.

Sensitization of students and employees to their constitutional obligations, including values, rights, duties, and responsibilities as citizens, is a critical aspect of fostering a well-informed and engaged citizenry. It is a fundamental step towards nurturing informed and responsible citizens. This process not only strengthens democracy but also contributes to the overall development of individuals and society as a whole.

In observation of the importance of inculcating the constitutional obligations, values, rights, duties and responsibility in both staff and students, the college has taken the initiation of introducing the Constitution of India as an audit course to its students besides organizing sensitization and awareness programmes in the college regarding Human Rights, Fundamental Rights, Legal Awareness, Traffic Awareness, Civil Safety, Values etc. This

involves teaching students about the Constitution, the functioning of government, and the rights and responsibilities of citizens from an early age. This allow students and employees to apply their knowledge of constitutional values, rights, and responsibilities in practical settings, making the learning experience more meaningful.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

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

A. All of the above

4. Annual awareness programmes on Code of Conduct are organized

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

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

National festivals play an important role in planting seed of Nationalism and Patriotism among people of India. Institution celebrates national and international commemorative days, events

and festivals. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. Events organized in are listed here.

1. Independence Day
2. Engineers Day
3. National Education Day
4. Republic Day
5. Cancer Day
6. Women's Day
7. Innovation Day
8. Empowerment of Women

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

1. Drone Technology Lab

To train the students in assembling, flying, operating and to develop Innovative applications on Drone

Now a day, drone technology is becoming one of the prominent technologies and has lot of applications in various domains like agriculture, medicine delivery etc. The Government is also coming forward and encouraging start-ups in Drone technology through "Drone Shakti Scheme", production linked incentive. So, Drone Technology Lab is established with equipment worth of Rs. 5 Lakh. Thirty four students were trained by Trainers

The students trained in drone lab took part in various

competitions like Project Expo, Idea Presentation, held at various colleges. Further 2 teams were selected for PALS innoWAH and 1 team selected for Abhyuday, IIT Bombay.

2. Teaching Learning Conclave

Encourage the faculty members to:

- Adopt the Activity based teaching for Identified tough topics
- Use various teaching methods or tools in achieving the course outcomes.
- Present the Successful activity or Teaching learning method in VEDIC to create awareness among the SVES.

Multiple approaches like quizzes, poster presentations, model building, storytelling, case studies, etc., followed/implemented to achieve the above said objectives.

The practices implemented in BVRITH, resulted in publication of Research papers, increase in the attainments and improvement in the performance.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

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

V-SAW (Vishnu Startup Accelerator center for Women), BVRIT HYDERABAD College of Engineering for Women:

BVRITH is committed to start companies generating revenue, creating local employment opportunities and creating a vibrant start-up ecosystem in the Telangana State. BVRITH has been recognized as the Host Institute by Ministry of Micro Small & Medium Enterprises (MSME), Govt. of India to establish a Business Incubator (BI) for the implementation of the scheme "Support for Entrepreneurial and Managerial Development of MSMEs through Incubator" on 06-04-2021. The BI is intended to serve as a laboratory to launch new start-ups in emerging areas with a distinctive focus on varied domains.

Mission:

- To seed, nurture and incubate entrepreneurial ventures in the broad domains of engineering, technology, services, software development, education and training.
- To create eco-system to promote entrepreneurial culture within BVRITH and allied institutions.
- To provide guidance and mentoring to budding entrepreneurs and market their ideas.

Thrust Areas:

- Information Technology
- Technology Solutions
- Technology for Commercial Usage
- Electronic Applications
- Agriculture
- Mobile Applications
- Education Systems Application
- Innovative Ideas related to domains of Engineering and Technology
- Management

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum prescribed by the affiliated university is followed. Various teaching-learning methods have been designed by the college. The Curriculum planning is performed by Department Academic Committee at the beginning of the academic year as:

Preparation of Academic Calendar: It includes curricular, cocurricular and extra-curricular events in alignment with the college academic calendar.

Library Upgradation: The library is informed about textbooks, reference books and e-journals.

Course Allocation: The course allocation committee allocates the courses to the faculty members based on their preferences.

Timetable Preparation: The Time-Table Committee prepares class-wise and lab-wise timetables by including all the necessary along with individual timetables.

Design and Dissemination of Course Plan: Each faculty member prepares course plan by including all the resources required for each topic as well as other topics beyond the curriculum.

Preparation of Course file: Each faculty member prepares the course file by including all the prescribed topics. After the semester, it is updated with assessment and attainment details.

Content Delivery: In addition to the traditional lecture method, new and innovative techniques are employed to deliver content.

Reviews: Syllabus coverage and regularity of the students is reviewed periodically by the class review committee.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

Assessments: As per the regulations of the affiliated university, the assessment is in two ways:

1. Internal Assessment (25 Marks):

There are two internal assessment tests, the first one after eight weeks of the commencement of the semester on 1st half of the curriculum and the second at the end of the class work, i.e., after sixteen weeks, on the remaining half of the curriculum. The internal assessment includes descriptive test for 10 Marks, objective test for 10 Marks and assignment for 5 Marks. The descriptive, objective and assignment papers are designed by including the concerned course outcomes and bloom's levels. Continuous evaluation and assessments are also done for laboratory course. Conduction of laboratory experiments and viva, Submission of records are the major components of laboratory course evaluation. For the laboratory courses, the internal assessment includes day to day evaluation for 15 marks and internal examination for 10 marks.

2. External Assessment (75 Marks): External assessment for theoretical courses is based on the semester end examinations conducted by the university and external assessment for laboratory is done at the end of the semester by an external examiner assigned by university and internal faculty, handled the concerned laboratory course.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to

A. All of the above

curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

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

6

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

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

28

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

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

1892

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1892

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The curriculum offered by the university addresses the cross cutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics. The institute believes in maintaining healthy environment for all of its stakeholders. Gender: 'Women empowerment' being one of the key initiatives taken up by the society/Govt. JNTUH introduced a course "Gender Sensitization" to create awareness among students about sensibility with regard to issues of gender in contemporary India. The institution also formed Grievances Redressal Cell to provide counseling, promote gender equity and also deal with related issues of safety and security. Environment and Sustainability: Environment protection is essential for the survival of human beings as well as other living beings. University prescribed course "Environmental Science/Studies", "Disaster Management" provides students understanding of ecological balance for sustainable development, impacts of

developmental activities and mitigation measures and environmental policies regulations. Human values and professional ethics: Through the course "Professional Ethics" students will be able to know the importance of ethics in engineering profession. Students are able to understand the ethical dilemmas that they come across in their daily life. Different dimensions of ethics, professional risks, and professional accountabilities in engineering are discussed.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

6

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

171

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	No File Uploaded
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

600

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

281

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The Institute conducts a diagnostic test in various entry level skills for first year students to determine/understand their capabilities. The result of this test helps faculty members to categorize the students and plan differentiated instructions accordingly. The diploma students, admitted directly into second year through lateral entry are usually lacking in communication and computation skills. So, bridge courses on Mathematics, English and C programming are conducted to enhance their skills.

The institute has a well-defined mentoring process; each faculty mentor is assigned with about 20 students. Through personal interaction, faculty mentors understand each mentee's needs expectations and difficulties, to counsel them appropriately.

Tutorial/Remedial classes are conducted based on the need, to assist slow learners. Group activities are conducted in class rooms, with the teams of heterogeneous learners. The heterogeneous teams are also formed for project works for collaborative learning.

The advanced learners have a plethora of sources at the institute to explore their knowledge such as Project Lab, Assistive Technology Lab, IoT Maker's space, Drone Technology lab, etc. They are encouraged to do research, develop innovative projects and participate in well-known national & international competitions. Various incentive schemes are provided to encourage the student performers in different competitions.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
2103	136

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

The Institute encourages teachers and students to adopt various active learning techniques, because students committing themselves to the process of learning, academic outcomes can soar. Experiential learning occurs in variety of forms in the Institute. Students complete two projects as per curriculum, involving a process of substantial discovery, synthesis, or application of information in solving the real-world problem. As part of the WISE program, organized in collaboration with industry, the students get trained and carried out at least two projects in cutting-edge technologies. A Technical seminar is conducted, where students collect information about advanced topics in their interested domain and submit a report along with the presentation. Besides the curriculum, students are encouraged to do hobby projects to enhance the experiential learning. Institute has special labs such as IoT Maker Space, Assistive Technology Lab and Drone Technology Lab to engage

students in the domain of innovation and to develop projects benefitting the differently abled people. Students are encouraged to participate in prestigious Hackathons to showcase their design skills and work with their peers. Students are also encouraged to undergo internship/mentorship from various reputed organizations and develop/refine their skills to gain valuable work experience and explore a career path.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

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

Teachers at BVRIT HYDERABAD College of Engineering for Women are combining technology with traditional mode of instruction to engage students in long-term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education. The classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high-speed Wi-Fi connection. Faculty uses various ICT tools for effective teaching-learning like:

Moodle—Used to develop a course portal by the faculty members by posting the learning material, assignments, quizzes, lab submissions and evaluations, video lectures, discussion forums, etc.

Media Lab—Used to create video lectures and upload into the course portal for students to use as extra learning resources.

E-Lab—E-Lab is a system for solving and auto-grading programming problems. The platform supports different types of problems in several programming languages (C, C++, Java, Python).

Projectors—Projectors are available in classrooms and labs.

Desktop/Laptop—Used by faculty members for PPTs, embedded with animations and simulations to improve the effectiveness of teaching-learning process.

Digital Library-Resources like DELNET, IEEE, J-Gate, NDLI, etc., are available

Both the faculty members and students are trained at VEDIC in various ICT tools and learning techniques.

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

2.3.3.1 - Number of mentors

103

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

2.4 - Teacher Profile and Quality

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

136

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

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year**

43

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)**2.4.3.1 - Total experience of full-time teachers**

657

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

2.5 - Evaluation Process and Reforms

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

Theory and Laboratory courses, Seminars and Project works are evaluated internally. During the induction program, exam cell educates the students on various parameters of internal evaluation system, changes related to evaluation.

The internal marks are based on the mid tests and assignments for theory courses.

Academic calendar is available on the website and notice boards of respective departments.

Question papers as different sets are prepared by faculty members, handling the same course and one of the sets is picked randomly by the exam cell for the mid.

The answer scripts of internal examinations are shown to the students after evaluation for resolving the discrepancies, if any.

Students are instructed to refer to various books and resources pertaining to the course for completing assignment questions for each mid exam and the assignment scripts are returned to students after evaluation for further reference.

Day to day evaluation is done in each laboratory session and marks are posted in the students' observation book.

Consolidated list of marks in each midterm exam is displayed on the notice boards.

Major projects are evaluated internally by a Project Review Committee using the stated rubrics.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

The Examination Cell consists of the Principal (Chief Superintendent), Examination In-charge and a Faculty coordinator from each department. The cell takes care of examination related grievances. Students/Faculty members can approach the Examination Incharge for any issues related to examinations. The cell conducts a meeting as and when required to resolve the issues. The examination cell conducts internal and external examinations by strictly following the guidelines given by the university.

Redressal of grievances regarding evaluation in both internal assessment and university examination is taken care by the Examination cell. The discrepancy noticed in internal evaluation will be resolved by the faculty member by making necessary corrections or giving proper justifications and then

the internal marks are displayed on notice board.

External evaluation is done at the university. The student, not satisfied with the result, can apply for re-counting/re-evaluation within the specified time through the examination cell. The student, not satisfied with the result of re-counting/re-evaluation, can apply for challenge evaluation, where the evaluation is done in the presence of the student. The entire process is monitored by the exam cell. Thus the examination related grievance redressal mechanism is efficiently carried out by the institute's examination cell.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The curriculum for each programme is provided by JNTUH, Hyderabad. As the college follows outcome based education, Course Outcomes (COs) are defined for all the courses by each department as following:

- The number of COs for theory course is 6
- The number of COs for laboratory course is 4
- The number of COs for project work/technical seminar/comprehensive viva is 5

The curriculum is divided into different modules based on specialization. Each module consists of Module Coordinator (MC) and Course Coordinators (CCs). The faculty members teaching the course are CCs and one expert among them is the MC. COs for all the courses are framed and duly mapped with the Program Outcomes (POs) and Program Specific Outcomes (PSOs).

There are twelve POs, defined by NBA and are to be fulfilled by all the programmes in higher education. PSOs are defined by individual programmes. The POs, PSOs and COs are disseminated to all the stakeholders through various means, viz., displaying on institute's website, in class rooms, corridors, Laboratories, Faculty rooms, etc., and printed on lab manuals,

institute/department magazines, etc., The COs are also disseminated to students through course coordinators and lesson plan.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

CO attainment is done by considering both direct(80%) and indirect(20%) assessments. The data is collected from the students' performance in both internal and external Assessments. The internal assessments include subjective and objective tests, assignments, day to day evaluation in laboratory courses, project internal reviews and Technical seminar. The external assessments such as Semester End Examination(SEE) for theory courses, External Laboratory Examinations, Project work are conducted by the affiliating university. The attainment levels of each CO are decided with some rubrics as 0, 1, 2 and 3 based on the students' performance. The attainment of the CO is calculated as an average of the attainment levels of the questions mapped to that CO. Now, this obtained attainment of a CO is compared against the target to decide the attainment of the CO. In indirect assessment, the Course End Survey(CES) is used.

PO and PSO attainment is calculated through direct(80%) and indirect(20%) assessments. In Direct method, The CO attainment values of all the courses are used to calculate the attainments of POs and PSOs using CO_PO and CO_PSO matrices. In indirect method, the attainment of POs/PSOs is calculated using Course End Survey(CES), Graduate Exit Survey(GES), Parents' Feedback and Alumni's Feedback.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

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

335

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://bvrithyderabad.edu.in/Graduation_Report_2021-22.pdf

2.7 - Student Satisfaction Survey

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

https://bvrithyderabad.edu.in/U_SSS_2021-22.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

12.49

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

3

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

35

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year**3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

44

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

86

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

BVRIT HYDERABAD College of Engineering for Women always try its best to involve faculty members and students in carrying out activities in neighbourhood community. To make this into reality BVRITH - NSS, for the people was established. Through this cell number of events was conducted. Our students in association with Voice 4 Girls participated in activity based camps in government and low cost private schools to help the adolescent girls. To promote the holistic development, activities like Declamation contest on Patriotism and National Building, Daan Ustav - "The Joy of Giving" were conducted. Besides the above, many physical and mental health related camps and events, environment protection activities like Making

natural compost, Organic farming, Plantation, Eco Friendly Ganesh Idol Making were also a regular part of the NSS Cell. College was also registered under Unnat Abhiyan to serve the society. By conduction of the activities throughout the year will create a great impact in the students and faculty members by continuously engaging them and having a mindset towards community development and environmental sustainability

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

25

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

2164

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

141

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

7

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

BVRIT HYDERABAD College of Engineering for Women is situated on a sprawling lush green campus of 6.125 Acres.

The College provides resources and infrastructure for academic excellence categorized into:

(a) Learning facilities comprising of laboratories, class rooms, library etc.

(b) Support facilities include hostels, seminar halls, sick rooms, parent lounge, stationery shop, Kalavedika etc.

(c) Utilities like RO Plant, washrooms /restrooms, uninterrupted power supply (UPS), power generators, yoga hall and gymnasium etc.

- The Institute has 33 classrooms with ICT enabled facilities.
- The Institute has four Seminar Halls with ICT facilities.
- The Institute has 40 state-of-the art laboratories.
- VEDIC is a unique residential campus established in 2016 with the vision to nurture and empower the staff members and students.

- WISE: It runs alongside the regular academic program.
- The College has established NPTEL Local Chapter to empower the learners.
- ATL encourages girl students to develop applications/products for specially challenged people.
- IoT Maker Space is launched in association with TASK and HYEА.
- To promote the research culture among faculty and students, a well- equipped research lab is established.
- The College has 900 computing machines, including 174 laptops and two high-end rack servers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

The institution caters to the all-round development of the students including their co-curricular needs. Towards this several facilities like sports, gymnasium and yoga classes are provided. The Institution has a sports complex with one acre playground for outdoor sports like Athletics, Football, Badminton, Volley ball, Basketball, Kho-kho, Shuttle, Kabaddi, Shot-put, Discus throw and track events. The institution also provides indoor games like caroms, chess, table tennis etc.

Sports hour is included in the time-table to give all the students an opportunity to avail the above-mentioned facilities.

The rate of use of the sports complex on an average is 100-120 students per day. A full-time qualified Physical Directress and 3 external professional coaches are available to train the students for the physical fitness and sports activities. A National Level Sports Meet-NYPUNYA is organized once in two years.

The other facilities include:

Gymnasium

Yoga**Cultural Activities****The Student-driven Clubs under Central Cultural Club-SAARANG:**

1. Photography Club-Shutters Club
2. Writer's Club- Writing Unleashed
3. Drama & Short Film Club- Spotlight Productions
4. Dance Club- Vyna
5. Music Club- Sonata-Certificate Course-Instrumental- Trinity College of London, U.K.

The above facilities are also available to all students beyond the regular working hours of the institution.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

37

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

37

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

2,698.00

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

The Library is at Ruby Block in the campus. The library is a separate new multi-storey building and is open to all students and faculty members. The Library was automated in the year 2012 with ECAP Software, Version 2.0. Reprographic facilities are available in the library. Reference books can be studied only in the library. It has a vast collection of over 20950 volumes and 2890 titles & subscribes to 74 Journals & Magazines. The Online Public Access Catalog (OPAC) is an online database of materials held by the library to search by author, title, subject and publisher. The total seating capacity of the library is 150.

The Entire transactions in the Library are done through ECAP Automation Software. The library is equipped with the state-of-the-art facilities where the students and the faculty members can make use of the available resources. Faculty members qualified in Library Science are dedicated to put their best efforts to satisfy the students and faculty members. The Digital library is equipped with computers and high speed internet facility.

- Name of ILMS software - ECAP
- Nature of automation (fully or partially) - Partially
- Version - 2.0
- Year of Automation 2012

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil
4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above
File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)	
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)	
1371.18	
File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File
4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)	
4.2.4.1 - Number of teachers and students using library per day over last one year	
101	

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

4.3 - IT Infrastructure

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

To keep abreast with technologies, the institute periodically updates its computing resources. All the computing labs are connected through underground fibre optic network. The campus is provided with uninterrupted internet connectivity. The campus-wide connectivity is incrementally provided by installing sufficient number of Wi-Fi access points and switches over a period of time.

The Internet Bandwidth is 1420 Mbps to cater to the academic and research needs in the campus.

The Institution has two high-end rack servers by IBM and Lenovo with the speed of 12 Gbps. The IBM X3650 M4 Server 791514A was installed in the AY 2012-13 and to meet the increasing computing requirements, the second server, Lenovo X3650M5 Server 8871PEA was installed in the AY 2017-18. Video Conferencing and lecture capturing system facilities are also available in the institute.

The Upgradation of computer systems is taken up periodically and new computers are also added to meet the academic and research requirements. The printers and scanners are also upgraded.

The Institute encourages the use of open source software for computing, teaching, learning, and research activities.

The institute is under video surveillance with CC Cameras for safety and security. The number of CC cameras is 56.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

900

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

1,052.00

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

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

Physical Facilities:

The college has a site engineer, maintenance engineer and supporting staff to render the technical assistance for construction, building maintenance and repairs periodically.

Laboratory Maintenance:

All the equipment and machinery of the laboratories are periodically maintained by the lab technicians.

Computer and Accessories Maintenance

A dedicated System Administration team takes care of the maintenance of computers, LCD Projectors, Printers and the networking.

Electrical Maintenance

Each department lodges a complaint about the electrical maintenance work and gives their requirement of electrical appliances to the Administrative Officer; skilled Electrical Supervisors monitor the electrical maintenance on a daily basis.

Library:

The library updates its books repository on yearly basis as per the changes in the curriculum. Inputs from the students and faculty members are collected in the prescribed format for books to be procured beyond the syllabus.

Sports Complex Maintenance and Utilization

All Sports amenities such as playgrounds, courts and indoor stadium are under the control of physical directress. She takes care of maintenance.

Other Maintenance Activities:

- Maintenance of gardens, tree plantation, and landscape

maintenance is done by gardeners under the guidance of professional horticulturalists.

- Maintenance of Lift is done by the service provider.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

986

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

95

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

306

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

306

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

306

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

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

5.2.2.1 - Number of outgoing student progression to higher education

59

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

68

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

5.3 - Student Participation and Activities

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

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

13

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

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

Institute has a robust system to provide support for overall development of the students by ensuring their engagement in various administrative, co-curricular and extracurricular activities. Students are adopted for different administrative bodies like Department Technical Associations, Cultural Committee, Sports, Toast Masters, Literary, Hostel, Canteen, NSS, Extra and Cocurricular Activities etc. These committees are responsible for conduction of various activities in the campus. These activities are guided and supported by faculty members. The management of the Institution meets the required funding for conduction of such events. Institute has a practice of identifying class representatives for each class and nominates them under Class Review Committee along with few other students. Grievance Cell enquires and analyses the nature and pattern of the grievances in a strictly confidential manner and ensures timely response. Regular Monitoring and Surveillance is done through CCTV cameras installed in entire campus. Sexual harassment or any other form of misconduct within the organization shall be addressed by the committed and necessary counselling / action will be taken to ensure fair and impartial investigation into the complaint. Anti-Ragging Committee also ensures no ragging incidents in the institution and spreads awareness among the students against any ragging activities through displaying boards of anti-ragging, observation in hostel including canteen.

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

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

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

15

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Alumni Association serves as a bridge between Institution and its graduates, facilitating a lifelong relationship that benefits both parties. The BVRIT HYDERABAD ALUMNI ASSOCIATION, established in 2016 with the Reg. No. 1761 of 2016, is highly active inside the institution. By default, all departing students join the BVRIT HYDERABAD ALUMNI ASSOCIATION. They provide a platform for graduates to connect with fellow alumni, faculty, and professionals in their field. Alumni are responsible for nominating and electing association members. The institution's greatest asset and brand ambassadors are its alumni.

The alumni of our college have a dedicated Facebook page that was set up at <https://www.facebook.com/BVRIT-Hyderabad-Alumni-Association-204704556740656/> to facilitate networking and share information about significant events and accomplishments at the college. Regular Reunions and Homecoming are arranged yearly as well as sometimes during their homecoming occasions that let alumni catch up with former coworkers, faculty members, and the College itself. This is organized with a moto to create alumni chapters in various nations or areas to provide alumni the chance to connect and work together regardless of where they are.

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

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

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The college works towards the vision of becoming a top tier institute in Technology and Research. To achieve this, the organisation encourages the faculty members and students towards research leading to innovation. The college has an efficient R&D team consisting of central coordinator and dept. coordinators. Faculty members are encouraged to publish their research work in renowned publications and also encouraged to file the patents related to their area of research. The college facilitates faculty members to up skill themselves through various courses and Faculty Development Programmes relevant to their field of interest. The college awards incentives to faculty members for their publications/patents, reviewed by the R&D Committee, as per the R&D policy. The college also provides the necessary infrastructure, frequently updated based on the need. The students are encouraged to participate in hackathons, idea pitching competitions and also to develop hobby projects. Prize money will be awarded as per the respective policy. Through Assistive Technology Lab(ATL), students are made aware of the societal problems and guided to develop solutions for the same. Student clubs/NSS are running by students under the supervision of the faculty. These initiatives will help them to learn, explore, empathise and work in teams.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

About Examination Cell

The Exam cell is the backbone of BVRIT HYDERABAD College of Engineering for Women, taking care of efficient conduct of all the internal and external examinations of the college, as per the norms of JNTUH. The Examination Cell is headed by the chief superintendent (principal) and supported by a team of members. The team consists of the Officer In-charge of Examinations (OIE), department coordinators along with assistants and supporting staff.

Decentralization

The examination cell superintends the smooth conduct of End Exams & Mid exams for different programs. The OIE adheres to the schedule outlined in the academic calendar of the University throughout the academic year. The OIE superintends all aspects of conducting exams and result analysis, along with handling any other related matters. The coordinators ensure that all tasks related to the examinations are completed on time.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Vishnulearning.com is a cutting-edge Learning Management System(LMS) platform designed to cater to the ever-evolving eLearning needs of students. The platform has been introduced at the SVES level, with the support of eAbyas Info Solutions.

It is a multi-tenant platform, built on open-source software that enables teachers to create online educational resources for their students with ease.

One of the key benefits of Vishnulearning.com is that it allows teachers to customize their online courses to meet the individual needs of their students. BVRITH, for instance, has developed around 400 courses across six programs, with more than 2000 user accounts having access to the course content. The faculty members at BVRITH have utilized various well-established methods to create and curate the course material. They have leveraged the platform's numerous features to deliver both synchronous and asynchronous learning options. Students can participate in real-time quizzes, gamification, peer-reviewed assignments, and discussion forums, among other activities.

Vishnulearning.com is a powerful tool for delivering personalized and engaging eLearning experiences. It has enabled teachers to enhance the quality of education by creating dynamic and interactive course content. Similarly, it has empowered students to learn at their own pace and in a way that suits their learning style.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The BoG comprises of Chairman, Principal, two industry personnel, two management representatives, one academician from IIT, one academician from NIT, one nominee each from AICTE, state government & JNTUH and two internal faculty members.

Principal is the chairperson for all the activities, supported by Vice-Principal, Professor I/C Academics, Professor I/C Accreditations, Professor I/C Admissions and HoD's.

IQAC develops and maintains the system to improve the academic

and administrative performance.

Examination cell conducts all examinations scheduled by JNTUH. Administrative Officer takes care of all the administrative works.

The Faculty Members are having research background, strong inclination towards innovative technologies and also provide research training to the students through various projects.

Every two years R&D policies and Service rules will be changed. The Hand Book is made available on the website.

TPC monitors placement activities to fulfill dreams of the students and also coordinates with Graduate Study and Abroad Centre (GSAC), to support the higher studies.

Entrepreneurship Development Cell (EDC), part of V-SAW helps to promote entrepreneurship through improving the entrepreneurial skills of the students through various trainings

Physical Directress coordinates the trainings by coaches and participations in outside competitions. The Librarian and the library staff takes responsibility for the smooth functioning of the library.

The college has various clubs, to improve the skills & talents of the students and to plan & organize the events.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

Medical Health Insurance Coverage.

Concession in Transport fee.

Availability of Full time Doctor, nurse and ambulance.

Regular Psychologist.

Sports, gym and yoga facilities are provided for both faculty and their family members.

Medicines are available in the college for minor ailments.

College conducts technical boot camp during summer vacation for the children of staff. Maternity, Medical, earned leaves/vacation are available.

ATM facility is available in the campus.

Financial assistance towards Registration Fee, Dearness Allowance, Travelling Allowance for conferences, workshops and FDPs.

Incentives for paper publications in International Conferences & journals and Certifications.

Faculty members are covered under EPF.

Academic leaves are sanctioned for the required faculty members.

Appreciation for the department for producing University Rank.

Appreciation for the top two faculty members in students' feedback in each class.

Appreciation for the faculty member for achieving 100% results in the dealt course.

Gratuity amount after completing five years of continuous service.

The day care centre, to support the staff having small kids to balance their personal and professional work.

Interest free advances in emergencies.

Uniform is provided for supporting staff.

Non-Teaching Staff is covered under ESI and EPF.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

64

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized

by the institution for teaching and non-teaching staff during the year**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

10

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

92

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The sample formats of self-appraisal forms of both teaching and technical staff are provided as:.

For Teaching Staff:

Criterion No

Parameter

Marks

1

Feedback

10

2

Pass Percentage

15

3

Best Practices / Technology usage in Teaching Learning

5

4

Content Development

5

5

Workshops / FDPs Attended

5

6

Workshops / FDPs / Events / Conferences etc Conducted and

Invited Lecture / Resource Person

5

7

College level

8

8

Department level

7

9

Online Certifications (recognized)

5

10

Guiding students at State / National / International Level

5

11

Publications / Patents /Books authored

15

12

Funding Projects / Consultancy

5

13

Placement Contribution

5

14

Awards / Honors etc.

5

Grand Total

100

Technical staff:

Criterion No

Parameter

Marks

1

Details of the Laboratories handled in last two semesters

20

2

Workshops Attended

10

3

Responsibilities taken up at department and Institution level

20

4

Helping the students at State / National / International Level
Project competitions

10

5

Job Assessment / General Ability

10

6

Human Relations

10

7

Work Output

10

8

Work Habits

10

Grand Total

100

For admin and other non-teaching staff, recommendations of Administrative Officer and Principal are considered .

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has a mechanism for internal and external audit. The internal audit is conducted on quarterly basis. Qualified Internal Auditors and their team of staff do a thorough check and verification of all the transactions that are carried out in each quarter. The external audit is conducted once in a year to approve the balance sheet after due verification. Minor errors or omissions and commissions, pointed out by the auditor are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future.

The institute regularly follows Internal External financial audit system.

The functions of Internal Audit are:

1. Evaluates institution's overall internal control system related to finances.
2. Ensures proper recording and safeguarding of institution's income, expenditure, assets and liabilities.
3. Confirms compliance with laws, regulations and established organization's policies practices.

The functions of External Audit are:

1. Verifies quarterly internal audit report, findings and corrective actions.
2. Prepares and approves the balance sheet after verifying the consolidated records.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers

during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Mobilization of Funds/Sources of Funds

1. Students Fee: Fees are collected as per the guidelines of the TAFRC for both the categories.
2. Other Income: This income is generated from interest earned on bank balance, placement fee, consultancy and sponsorships for the various events.

The Additional/Deficit Funds

1. Any deficit or additional funds shall be supported by the SVES.

Optimal Utilization of Funds:

The BoG, Administration and Finance Committees constantly monitor and review the utilisation of funds as per the budget. They make recommendations for optimal distribution and effective mobilization of funds. Each DAC gathers & analyses the financial requirements and submits to finance committee. The same is followed by other committees as well. The consolidated budget is prepared by finance committee and submitted to CAC for review. The CAC reviews, modifies if required and submits the final report to the BoG for approval.

Funds are allocated to various departments as per the budget approval and are optimally utilized for various heads with prior approval of Management

1. **Non-Recurring Expenditures:** - Infrastructure Augmentation includes construction of new buildings and the establishment of labs, Purchase of books for library and Sports Facilities.

2. **Recurring Expenditure:** Salaries, Maintenance, Procurement by the library, Sports Equipment, R&D, Incentives, Medical Facilities, Insurance, EPF&ESI, Electricity Charges, Functions, Staff-Welfare, Student Scholarships and Miscellaneous Expenditures.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

The IQAC institutionalized the quality assurance strategies and processes in the following areas:

1. **Academics:** After the post COVID, the classwork resumed to offline from hybrid mode. All the academic activities are carried out as per the academic calendar. A new block came into usage to accommodate the subsequent increase in the strength of the students.

2. **Upskilling:** In order to enhance the technical skills for both the faculty members and the students in the emerging technologies they are encouraged to participate in FDPs and workshops in Online / offline mode. They are also encouraged to get certified by various recognized platforms.

3. **R & D:** The Research centre is sanctioned to Department of IT, by JNTUH for Ph.D. admissions. Because of collaborative research among the institutions of the society and research labs from premier institutions, there has been a significant rise in the number of patents published and papers published in reputed journals. There is considerable number in funding project proposals submitted by faculty during this A.Y. 2021-22. Many of the students' projects are being converted

into research publications either in conferences or journals.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

IQAC's one of the main role is to ensure that academics are going smoothly. IQAC collects the syllabus coverage twice in a semester and ensures that department conducts class review committee meetings and also discusses the issues with courses if any. As the pandemic ended, from the beginning of academic year, the classes were conducted in offline mode, shifting from hybrid mode.

Faculty members are advised to conduct revision classes for the students to revise the important topics covered earlier. They are also advised to adopt various innovative teaching methodologies, as earlier.

The faculty members were also advised to take remedial classes for the students having backlogs as they were earlier trained in online mode.

The Lateral entry students were offered bridge classes to fill the gaps between the intermediate education and diploma education. They were also introduced to problem solving and coding by C & Python programming sessions.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for

B. Any 3 of the above

<p>improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</p>	
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File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The college has facilities for the students such as common room, waiting room, store etc. The students have all the facilities for games and sports. Adequate infrastructure are provided for indoor and outdoor games and extra-curricular activities. The college provides hostel facility for the students. Being girl’s college adequate high security and utmost care is taken. CCTV camera surveillance systems are increasingly being used in the college to maintain safety and security.

College provides gym facility to cultivate a healthy relationship with fitness for personal wellbeing. Our college has a huge role in bringing out the best in our students. Through counselling of Dr. Anitha Are, students are given advice on how to manage and deal with emotional conflict and personal problems. Our Students are provided proper guidance on how to deal with psychological problems which can badly impact their studies. Some sessions are conducted on career guidance, for the selection of courses and different career paths.

Accessible toilets are toilets that have been specially designed to better accommodate people with physical disabilities. Persons with reduced mobility find them useful, as do those with weak legs, as a higher toilet bowl makes it easier for them to stand up.

File Description	Documents
Annual gender sensitization action plan	https://bvrithyderabad.edu.in/naac/7.1.1/GE Gender Sensitization circulars and%20reports.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://bvrithyderabad.edu.in/naac/7.1.1/geo tag photos.pdf

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

B. Any 3 of the above

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

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

Inspired by Swachh Bharath, a flagship initiative of Government of India, initiatives taken to properly dispose waste and maintain eco-friendly environment in and around the campus.

Solid waste management

Solid waste collected in the campus, is segregated at source by providing separate dustbins. The daily food waste is displayed to everyone to avoid waste.

The waste generated in engineering workshop lab is properly accumulated and sent to recycling from time to time.

My Green Bins are used to convert into compost, used for plants.

Liquid waste management

Sewage treatment plant is used to remove contaminants from waste water. In the campus, STP plant with capacity of 60 KLD is under operation. Waste water from RO plant is used for gardening purpose.

E-waste management

E-waste from labs is properly collected and is either given to the licensed recycler or reused. Non-working computers, monitors, and printers are discarded and scrapped in a systematic manner.

Waste recycling system

College has a MoU with ISO approved waste management social enterprise "Waste Ventures Pvt. Ltd."

Hazardous chemicals and radioactive waste management

Generated chemical wastes from labs and other areas on campus were removed, and manage them through to their final destination offsite.

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

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

B. Any 3 of the above

bodies and distribution system in the campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

<p>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	<p>A. Any 4 or All of the above</p>
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File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

<p>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</p>	<p>B. Any 3 of the above</p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>A. Any 4 or all of the above</p>
--	--

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

<p>7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).</p>
<p>National festivals and National days of significance play an important role in planting seed of Nationalism and Patriotism among people. Our institution celebrates these Festivals and Days to resemble of the culture and traditions. Staff Members</p>

and Students come together to celebrate these occasions and spread the message of our Tradition and importance of festivals. The Events organized are:

1. Rakhi making
2. Nandanotsav - Krishnastami Celebrations
3. Making of Eco-Friendly Ganesh Idols
4. Independence Day
5. Teachers Day-Sir Sarvepally Radhakrishnan's Birth Anniversary
6. Engineers' Day- Sir Mokshagundam Visvesvaraya Birth Anniversary
7. Bathukamma & Dussehra Celebrations
8. Graduation Day
9. Dr. B.V. Raju Birth Anniversary
10. World Students' Day- APJ Abul Kalam Birth Anniversary
11. Diwali Celebrations
12. Induction Programme
13. National Education Day- Maulana Abul Kalam Azad Birth Anniversary
14. Parichay 2K22 - Fresher's Day
15. Constitution Of India Day
16. Making of Greeting card
17. World Disability Day
18. Alumni Meet - MILAN
19. National Mathematics Day - Sri Srinivasa Ramanujan Birth Anniversary
20. Sankranthi Celebrations
21. Republic day
22. National Science Day
23. International Women's Day
24. Ugadi Celebrations
25. Annual Day
26. Farewell Day Celebrations
27. Earth Day
28. World Environment Day
29. International Day of Yoga

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

Rights on the one hand give an individual an opportunity to be a part of development process while duties on the other hand make an individual obliged to play a part in the development.

Sensitization of students and employees to their constitutional obligations, including values, rights, duties, and responsibilities as citizens, is a critical aspect of fostering a well-informed and engaged citizenry. It is a fundamental step towards nurturing informed and responsible citizens. This process not only strengthens democracy but also contributes to the overall development of individuals and society as a whole.

In observation of the importance of inculcating the constitutional obligations, values, rights, duties and responsibility in both staff and students, the college has taken the initiation of introducing the Constitution of India as an audit course to its students besides organizing sensitization and awareness programmes in the college regarding Human Rights, Fundamental Rights, Legal Awareness, Traffic Awareness, Civil Safety, Values etc. This involves teaching students about the Constitution, the functioning of government, and the rights and responsibilities of citizens from an early age. This allow students and employees to apply their knowledge of constitutional values, rights, and responsibilities in practical settings, making the learning experience more meaningful.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

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

A. All of the above

programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

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

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

National festivals play an important role in planting seed of Nationalism and Patriotism among people of India. Institution celebrates national and international commemorative days, events and festivals. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders. The Faculty, Staff and Students of the institution all come together under one umbrella to celebrate these occasions and spread the message of Unity, Peace, Love and Happiness throughout. Events organized in are listed here.

1. Independence Day
2. Engineers Day
3. National Education Day
4. Republic Day
5. Cancer Day
6. Women’s Day
7. Innovation Day
8. Empowerment of Women

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

1. Drone Technology Lab

To train the students in assembling, flying, operating and to develop Innovative applications on Drone

Now a day, drone technology is becoming one of the prominent technologies and has lot of applications in various domains like agriculture, medicine delivery etc. The Government is also coming forward and encouraging start-ups in Drone technology through "Drone Shakti Scheme", production linked incentive. So, Drone Technology Lab is established with equipment worth of Rs. 5 Lakh. Thirty four students were trained by Trainers

The students trained in drone lab took part in various competitions like Project Expo, Idea Presentation, held at various colleges. Further 2 teams were selected for PALS innoWAH and 1 team selected for Abhyuday, IIT Bombay.

2. Teaching Learning Conclave

Encourage the faculty members to:

- Adopt the Activity based teaching for Identified tough topics
- Use various teaching methods or tools in achieving the course outcomes.
- Present the Successful activity or Teaching learning method in VEDIC to create awareness among the SVES.

Multiple approaches like quizzes, poster presentations, model

building, storytelling, case studies, etc., followed/implemented to achieve the above said objectives.

The practices implemented in BVRITH, resulted in publication of Research papers, increase in the attainments and improvement in the performance.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

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

V-SAW (Vishnu Startup Accelerator center for Women), BVRIT HYDERABAD College of Engineering for Women:

BVRITH is committed to start companies generating revenue, creating local employment opportunities and creating a vibrant start-up ecosystem in the Telangana State. BVRITH has been recognized as the Host Institute by Ministry of Micro Small & Medium Enterprises (MSME), Govt. of India to establish a Business Incubator (BI) for the implementation of the scheme "Support for Entrepreneurial and Managerial Development of MSMEs through Incubator" on 06-04-2021. The BI is intended to serve as a laboratory to launch new start-ups in emerging areas with a distinctive focus on varied domains.

Mission:

- To seed, nurture and incubate entrepreneurial ventures in the broad domains of engineering, technology, services, software development, education and training.
- To create eco-system to promote entrepreneurial culture within BVRITH and allied institutions.
- To provide guidance and mentoring to budding entrepreneurs and market their ideas.

Thrust Areas:

- Information Technology

- **Technology Solutions**
- **Technology for Commercial Usage**
- **Electronic Applications**
- **Agriculture**
- **Mobile Applications**
- **Education Systems Application**
- **Innovative Ideas related to domains of Engineering and Technology**
- **Management**

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- 1. Intiation to have startups in the campus**
- 2. Autonomous Application has to be submitted to UGC, as the Institution got the eligibility**
- 3. As a step to move from STEM to STEAM, starting Music Club-Vishnu School of Music in Association with School of Indian Film Music**
- 4. Improvement in the participation of Hackathons / Technical Competitions**
- 5. Initiation for Research awards**
- 6. Industry collaborated projects**