YEARLY STATUS REPORT - 2020-2021

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

- 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@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/naac/

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/2021/08/Revised-College-Academic-Calendar-2020-21.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
ECE	**ATAL**	**AICTE**	**2020-21**	**90000**
EEE	**ATAL**	**AICTE**	**2020-21**	**90000**

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)

1.Initiated New Programs UG - B.Tech -CSE (AIML) and PG -M.Tech - Data Science in Emerging Technologies

2. Upgraded the LMS Portal with new features to facilitate efficient learning and assessment.

3. Ranked in NIRF in Band 201-250 and in ARIIA in band Promising

4. Placement offers for the year 2020-21 are about 715 and avearge pay package is also improved

5. Established V-SAW and recognized as an Incubation Centre by MSME to promote entrepreneural activities.

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
Academics - To initiate new programs in emergring technologies	Initiatiated programs on emerging technologies - Artificial Intelligence and Machine Learning, Data Sceince
Recognition / Ranking in National Wide	Ranked in NIRF 2021 and ARIIA 2021
Development of Entrepreneural activities	Recognized as Incubation centre by MSMEand Established Vishnu Startup Accelarator Centre for Women and
Improvement in Placements and Offers	Students placed in Top MNC's like Amazon, Flipkart, BNYmellon and total offers are around 715
Decentralization	Created the posts Professor Incharge Academics to strengthen the academics and Professor Incharge Accreditations to ensure standards
Research	Published 12 patents by faculty, Improvement in Publications in Scopus, WoS etc.

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

- Name of the statutory body

Name	Date of meeting(s)
BoG	18/12/2021

14.Whether institutional data submitted to AISHE

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
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• Alternate phone No.	04042417773
• Mobile	9848805545
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• Alternate e-mail address	jnvvardhan@gmail.com
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Yes

- Name of the statutory body

Name	Date of meeting(s)
BoG	18/12/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	30/03/2022

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**439**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**1872**

File Description	Documents
Data Template	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**292**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**413**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**122**

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**122**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**37**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**14,10,75,709**
4.3 Total number of computers on campus for academic purposes	**808**

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, co-curricular 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 aswellasothertopicsbeyond 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 techniquesareemployedtodelivercontent.**
- **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	No File Uploaded
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	View File
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)

264

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

1769

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

1769

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	**No File Uploaded**

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

2

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	<u>View File</u>
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)	<u>View File</u>

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

413

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

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   **B. Any 3 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)	View File
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	View File
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

558

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

287

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	<u>View File</u>

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 a maximum of 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 were 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, etc. They are encouraged to do research and develop innovative projects and participate in well-known national and 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
1872	122

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 like Chart preparation, Role play, Think-pair-share, Assignments, etc., 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 one mini and major project in their final year of study, involving a process of substantial discovery, synthesis, or application of information in solving the real-world problem. A Technical seminar is conducted as part of their curriculum 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 and Assistive 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

95

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

122

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

36

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

587

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 set 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 In-charge 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 attendance registers, lab manuals, lab records, institute/department magazines, etc.,

The COs are published on institute's website and 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)	No File Uploaded

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

385

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/2017-GraduationDay/2017%20Batch%20Graduation%20Day%20Report.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/SSS%20updated.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)

22

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

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

5

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	<u>View File</u>
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

32

File Description	Documents
Report of the event	**No File Uploaded**
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

62

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

61

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 has established "BVRITH NSS for the people" with a motto to create awareness among the faculty members, students and also the neighbourhood community

on Environmental, Health, etc.,

On "Health is Wealth", various events like Pulse Polio
immunization, first-aid training, awareness on COVID & Cancer,
Yoga, Physical & Mental fitness are conducted.

With the motto of "Save Environment and nurture the nature",
events like Harithaharam, Eco-Ganesh Idol Making, Making natural
compost, etc., are conducted.

We serve to community in association with Voice 4 Girls and Sahaya
to educate the government school children.

Events related to Social Entrepreneurship, NSS Day, Rastriya Ekta
Divas, Daan Utsav, National Educational Policy are also part of
NSS events.

Our college took part in World Wide Fund for Nature - India's
Echo-Building Environment Conservation Heroes Programme 2020-2021
and received Special Mention-Innovative Ideas 2021.

Our NSS coordinator, Ms. Anna Tanuja Safala was recognized as a
Nodal Officer for Medchal Malkajgiri by JNTUH NSS.

These activities inculcate societal responsibilities, eco-friendly
practices, leadership skills, generousness and philanthropy.

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

4

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

18

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

521

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

142

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

3

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 resources and infrastructure, provided by the college for academic excellence categorized into:

(a) Learning facilities: Laboratories, class rooms, library, LMS

etc.

(b) Support facilities: Hostels, seminar halls, sick rooms, parent's lounges, stationery shop, Kalavedika etc.

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

- Class rooms: All the classrooms are equipped with ICT facilities namely LCD/LED projector, laptop, audio system, internet connectivity, LMS, notice boards and class room library.
- Seminar Hall: All the Seminar Halls are provided with ICT facilities, for conducting training, state, national and international level events.
- Laboratories/Workshops: The Institute has well-equipped laboratories, utilized by the students to carry out regular academic practicals, beyond the curriculum experiments and projects. The labs are available even beyond working hours.
- VEDIC: Vishnu Educational Development and Innovation Centre (VEDIC) is a unique residential campus established in 2016 with the vision to nurture and empower the faculty, staff and leaders, to transform the educational experience to be relevant to the workplace of today and the future.
- WISE: In collaboration with a software company "TalentSprint", the institute started an exclusive programme "Women in Software Engineering (WISE)", conducted in parallel with the regular academic programme to make the students industry ready by imparting deep technology skills.
- The Business English Certificate (BEC): A certification course in Business English with the association of University of Cambridge, U.K., is provided to empower the students to work or study globally
- SWAYAM-NPTEL: The college has NPTEL Local Chapter facilitating the learners to upskill through the MOOC platform. NPTEL courses are also offered to the students for credit transfer by the University.
- Assistive Technologies Lab (ATL): The students develop applications/products for specially challenged people through ATL.
- IoT Maker Space: It is launched in association with TASK and HYEA. The objective is to ensure overall development of a student in terms of technical skills, innovative thinking, and developing prototypes to become future entrepreneurs.
- Research Lab: To promote the research culture among faculty

and students, a well- equipped research lab is established. The lab contains high-end computing machines, PCB Printers, 3D printers and simulation software.
- Computing facility: The College has 808 computing machines, including 174 laptops and two high-end rack servers for the usage. The campus has uninterrupted internet connection with the speed of 1.2 Gbps bandwidth. All labs are connected through fiber optical LAN. To overcome the security threat at Gateway level "Sophos XG 330" Firewall is available.

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 by including extra-curricular activities. 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 and games namely Athletics, Football, Badminton, Volleyball, Basketball, Kho-kho, Shuttle, Kabaddi, etc., The institution also provides indoor games like caroms, chess, table tennis etc. Professional training is provided to interested students in these activities and games by coaches.

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.

Gymnasium

An exclusive Gymnasium provides physical fitness and weight loss programmes for the students. A number of ultra-modern equipment is available like Treadmill, exercise cycles, fold down weight bench, dumbbell, weights, skipping ropes and handgrips.

Yoga

Practicing yoga helps to engineer a deep lasting personal transformation. An exclusive facility is provided with a dedicated professional yoga teacher for training both the students and faculty members.

Cultural Activities

The institution offers a good opportunity for the students to come out with their talents in Dance, Music and Art. The Cultural Club organizes various cultural activities to make the students relax, enjoy and balance their leisure time. Programs are conducted to encourage the students' participation in cultural activities. The regular cultural activities conducted annually are Traditional Day, Freshers' Day, Annual Day and Women's Day. The college has KALAVEDIKA-an open auditorium for cultural activities. During all these occasions, several competitions like singing, dancing, instrumental music, rangoli, floral arrangement, mehendi, hair styling, etc. are conducted and prizes are awarded. Few Student-driven Clubs have been extended by Central Cultural Club-SAARANG.

The Clubs are as follows:

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)

182.86

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

4.2 - Library as a Learning Resource

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

The Library of BVRIT HYDERABAD College of Engineering for Women is at Ruby Block in the campus. The library is a separate new multi-storey building with carpet area of 392.2 sq. m. The library is open to all students and faculty members during all working hours. The Library was automated from the year 2012-13 with ECAP Software, Version 2.0. Reprographic facilities are available in the library. Reference books can be used only in the library premises. The library is user-friendly to all students and faculty members. It has a vast collection of over 20,234 volumes and 2,724 titles & subscribes to 75 Journals & Magazines. The Online Public Access Catalogue (OPAC) is available 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)

8.81

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

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

128

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 fiber optic network. The campus is provided with uninterrupted internet connectivity. The campus-wide connectivityis incrementally provided by installing sufficient number of Wi-Fi access points and switches over a period of time.

The Internet Bandwidth is gradually increased from 200 Mbps to 1220 Mbps from the inception till now, to cater to the academic and research needs in the campus. Webmail service from Google is offered to students and staff members for official communication.

The overall network usage is monitored and unwanted network traffic is filtered earlier through Cyberoam Firewall CRI-500ING and currently using Sophos xg330 firewall.

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 along with new additions to the laboratories, office, library and departments.

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 gradually increased from 16 to 39.

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

4.3.2 - Number of Computers

808

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

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)

1226.85

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

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

The college has a site engineer and maintenance Engineer to render the technical assistance for construction, building maintenance and repairs periodically. The maintenance team is takes care of painting, repair, flooring, plumbing work, electrical, and air-conditioning under the supervision of skilled technicians.

Laboratory Maintenance:

All the equipment and machinery of the laboratories are periodically maintained by the lab technicians. If the equipment is to be serviced during the warrantee period, the supplier of the equipment is informed about the repair and it is serviced either in-house or in the supplier premises based on the nature of defect. After the warrantee period if the equipment demands service, the technical staff attached to the respective laboratory services the equipment. The laboratories maintenance of the machines, mechanical / electrical equipment is done periodically. A Breakdown Register is maintained in the laboratories. As per the requirement, minor repairs are carried out by the lab assistant of the specific laboratory.

Computer and Accessories Maintenance

A dedicated System Administration team takes care of the maintenance of computers, LCD Projectors, Printers and the networking. They also maintain internet utilisation, firewall maintenance and CCTV Security Systems. The service and maintenance of the systems are done on a regular basis.

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.
- The college has a 34KWP solar plant which is maintained by the Department of Electrical and Electronics Engineering.
- Generator Backup and UPS Facilities are also maintained by department lab technicians.

Library:

The library updates its books repository on yearly basis as per the changes in the curriculum. Inputs from the students and faculty are collected in the prescribed format for books to be procured from outside the syllabus. The Library Committee discusses and approves the procurement of books. The library committee meets once in a semester to upgrade and procure any additional and general books both technical and non-technical. To create good interest in reading every very month fiction and nonfiction books worth of Rs.3000/- are procured as per recommendations of students and faculty.

Sports Complex Maintenance and Utilization

- All Sports amenities such as playgrounds, courts and indoor stadium are under the control of physical directress. She focuses onmaintenance of the track and field regularly with the support staff.
- The maintenance of the courts is done on time. Students receive the sports kit from the physical education department for practicing by entering their name and roll number in the material issue register and after completing the practice session the student returns the same to the physical education store room.

Other Maintenance Activities:

- Maintenance of gardens, tree plantation, and landscape maintenanceis done by gardeners under the guidance of professional horticulturalists.

- **Maintenance of Lift is done by the service provider.**
- **Every department has an intercom facility- EPABX.**
- **Fire extinguishers are available in the campus and mock drills are conducted.**
- **Cleanliness of class rooms, corridors etc., are maintained by the housekeeping staff.**

Stock verification is done at the end of every year by the staff members who are deputed by the Principal.

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

838

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
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)	<u>View File</u>

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

85

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

314

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

314

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

314

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

34

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

145

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.

4

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)

BVRIT HYDERABAD College of Engineering for Women believes in providing an environment conducive to educational and personal development of students. Their active involvement in the committees helps them to understand the decision making process. Student clubs nurture the skills of the students. It helps in the transformation and holistic development of the students. There are different committees at Institute level and Department levels where the students and the faculty members play active role in planning and execution of the events. The students are involved in the following committees along with the staff members. • Anti-Ragging Committee • Sexual Harassment Committee • Class Review Committee (CRC) • Department Technical Associations • Hostel Committee • Canteen Committee • Sports Committee • Co-Curricular Committee • Grievance Redressal Committee • Literary Cell • Extra-Curricular Activities Cell • B-Smart Editorial Board

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

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

13

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

The Institution has a very active BVRIT HYDERABAD ALUMNI ASSOCIATION formed in the year 2016 with the Reg. No: 1761 of 2016. All the outgoing students by default become part of the BVRIT HYDERABAD ALUMNI ASSOCIATION. Members of association are nominated and elected by alumni. The alumni form the major strength and are brand ambassadors of the institution. Our college alumni has a separate Facebook page https://www.facebook.com/BVRIT-Hyderabad-Alumni-Association-204704556740656/ created for their networking and to inform about major activities and achievements of the college. Our alumni contribute to the institute in two ways: Non-Financial Means: • Mentoring and Career Guidance: • Placements: • Support system: Financial Means: • Financial Contributions: Most of them voluntarily 'Give-Back' to their alma mater as a sign of their gratitude and affinity towards the institution. The Alumni initiated Gold Medal for the best placement and financial help to the needy students. A strong alumni association can be one of the biggest benefits of an institution that can contribute towards various developmental activities of the institution. Leveraging the alumni community can be a win-win for both the institution and the alumni.

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

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

File Description	Documents
Upload any additional information	**No File Uploaded**

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 vision, the organisation encourages the faculty members and students towards research leading to innovation. For this, the college has an efficient R&D team consisting of central coordinator and dept.-wise coordinators.

Faculty members are encouraged to publish their research work in renowned publications like SCI Indexed, SCOPUS Indexed etc. The faculty members are 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 publication/patents, reviewed by the R&D Committee, as per the R&D policy. The college also provided 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. Through Assistive Technology Lab (ATL), students are made aware of the societal problems and guided to develop solutions for the same. 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.

Training & Placement Cell (TPC) consisting of Placement Manager, Asst. Placement Manager and the coordinators from each department plays a vital role to mend students' future. The TPC coordinates with the principal, central placement team, HoDs, and technical training team for planning, scheduling and organizing various trainings. The trainings can be through the external agencies, WISE and internal. External technical trainings are regularly provided by "Smart Interviews", "Being Zero" and non-technical trainings provided by "Elephosis".

TPC receives the schedule and requirements for the placement

drives from the central placement team. Then, TPC schedules company specific trainings by external agencies/internal training team.

TPC conducts the assessments regularly, analyzes and sends the concerned reports to the respective HoDs. HoDs with the help of Mentors, reviews the performance and ensures the improvement in it.

TPC coordinates with Vishnu Startup Accelerator center for Women (V-SAW), fulfills dreams of the students, willing to establish startups in the future. Entrepreneurship Development Cell (EDC), part of V-SAW helps to promote entrepreneurship by improving the entrepreneurial skills of the students through various trainings.

TPC also coordinates with Graduate Study and Abroad Centre (GSAC), to support the students, aspiring to study abroad by conducting related activities.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Vishnulearning.com is a new Learning Management System (LMS) platform, introduced at Sri Vishnu Educational Society level supported by eAbyas Info Solutions to cater the eLearning needs of students. It's a multi-tenant platform based on open source software to assist the instructors in creating online material. Previously we used Learning Management System (LMS), specifically customized for BVRITH is http://bvrithvidya.in/ was implemented.

As of now 400+ courses, across 6 programmes have been developed by BVRITH, with 100% material are available for 1800+ user accounts. The faculty members created and curated the content using well established processes. With activities such as real-time quizzes, gamification, peer-reviewed assignments, and discussion forums, the platform offers both synchronous and asynchronous learning.

During the epidemic, the Vishnulearning.com platform was very helpful for the majority of learners residing in remote locations

to continue their education in a seamless manner.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
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 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 HoDs.

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

Exam 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.

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	https://bvrithyderabad.edu.in/orgonogram/
Upload any additional information	**No File Uploaded**

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

Welfare measures for Staff: Medical Health Insurance Coverage. Concession in Transport fee. Full time Doctor, nurse and ambulance are available in the campus. Regular Psychologist. Sports, gym and yoga facilities are provided for faculty and their family members as well. 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.

Welfare measures for Teaching Staff: Financial assistance towards Registration Fee, Dearness Allowance, Travelling Allowance for conferences, workshops and FDPs. Incentives for paper publications

in International Conferences & journals and Certifications. Laptop loans are provided for the faculty members. 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.

Welfare measures for Non-Teaching Staff: Interest free advances in emergencies. Uniform is provided for supporting staff. 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

55

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

20

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

111

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 college follows a standard appraisal system for both teaching and non-teaching staff. The self-appraisal forms from teaching and technical staffs are collected by the Head of the Department in the month of September every year. Performance of the staff is

evaluated for 100 marks based on the following criteria:

For Teaching Staff:

- **Result analysis and feedback of subjects taught**
- **Skill up-gradation, conduction and participation in Conferences/Workshops/Faculty Development Programs**
- **Research and Development**
- **Funded projects and Consultancy**
- **Guiding students in technical competitions**
- **Feedback of HoD and Principal**
- **Responsibilities at department and college level**
- **Contribution towards Placement/Content development**
- **Outstanding achievements**

Technical staff:

- **Skill up-gradation**
- **Responsibilities taken up at department and Institution level**
- **Role in helping students at various competitions**
- **Job Assessment / General Ability**
- **Human Relations**
- **Work Output and Habits**

- **Feedback of Head of the Department and Principal**

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

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 a team of staff under them 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 of omissions and commissions, pointed out by the audit team 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	[View File](#)

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

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

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

The regular funds for the college come from:

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 interests, placement fee, consultancy amount, and sponsorships for the events.

The Additional/Deficit Funds are procured from:

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 usage 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 also. 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 under various heads.

1. Non-Recurring Expenditures: Infrastructure Augmentation, Purchase of books.

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: a. Academics: Due to pandemic, the classwork was conducted in online mode. Keeping in view of the technical glitches at the student end, the lectures were recorded and made available to the students. b. Upskilling: In order to upskill both the faculty members and the students in the emerging technologies, the courses on coursera and edX are made available for free-of-cost. The Institution is having NPTEL local chapters and few courses are opted as electives. c. R & D: The number of patents published, papers in reputed journals and funding proposals were significantly improved because of the collaborated research among the institutions of the scoeity and external institutions. d. Administration: The payment of all kinds of fees are made digitized to providea transparent environment.

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. During Pandemic, During pandemic, IQAC has taken a step to conduct

classes in online using various platforms like Zoom, MS Teams, G Meet. LMS portal was upgraded with all the theory and lab courses with all the relative material of the course in form of PPTs, Handouts,etc., Faculty are encouraged to prepare self made videos of the difficult topics in each unit and upload in the LMS portal for the benifit of the student to review as and when required.

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
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

Guest Lecture on "Do not Let Pandemic Set Gender Equality": The Covid-19 pandemic puts this truth into stark relief and raises critically important choices. As COVID-19 continues to affect lives and livelihoods around the world and have a regressive

effect on gender equality.

Safety and freedom from gender-based violence: Violence is the leading cause of preventable death, disability and illness for women. Hence there is a strong need for safety and making the women free from gender-based violence.

WOMEN'S DAY CELEBRATIONS-2021: Our campus celebrates INTERNATIONAL WOMEN'S DAY every year. A Quiz on Gender Equality was conducted on 13th Dec 2020. Poster activity: Is Gender Equality Important: Gender equality means all genders having equal rights, responsibilities and opportunities. With this theme a poster activity is conducted to students.

Group Discussion on "Rethinking gender roles will result in lessening the extent of female foeticide": Students were informed about the topic, a day before the event. Each group consists of 5 members, got 15 minutes for their discussion and finally 5 minutes were allotted to conclude the topic.

Poster activity: A general perception on Gender sensitization: Gender sensitization refers to the raising sensitization of gender equality concerns. A poster presentation was conducted.

File Description	Documents
Annual gender sensitization action plan	Nil
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	Nil

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

The college took several initiatives to properly dispose waste and maintain eco-friendly environment in and around the campus. Appropriate labeled bins are used to discard various type of waste avoiding manual segregation.

Solid waste management

Solid waste is collected and is segregated as plastic, paper and general waste.

The daily food waste is displayed to everyone to create awareness and avoid waste.

The waste generated in engineering workshop lab is sent to recycling.

MyGreen Bins are used to convert semi-solid waste to compost. The compost generated is used as manure for plantation.

Liquid waste management

STP plant with capacity of 60 KLD is under operation.

Waste water from RO plant is used for gardening purpose and any left-over water is redirected to water harvesting pits.

E-waste management

E-waste from labs is properly collected and is either given to the licensed recycler or reused. Batteries, materials that cause choking hazard, are taken utmost care while decomposing.

Waste recycling system

College has a MoU with ISO approved waste management social enterprise "Waste Ventures Pvt. Ltd.", to dispose the waste for recycling.

Hazardous chemicals and radioactive waste management

Generated chemical wastes from labs and other areas are disposed

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	No File Uploaded

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	No File Uploaded

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   B. Any 3 of the above

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

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

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
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).

Our institution provides an inclusive environment for everyone

with tolerance and harmony towards cultural, regional linguistic, communal socioeconomic and other diversities even during the days of COVID-19 pandemic through online platform. Activities reports are shared in detail

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 and duties play an important part in the development of a nation or the growth of an organization. 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.

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.

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   B. Any 3 of the above

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	No File Uploaded

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

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. 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 AY-2020-21 are listed here

1. **Independence Day**
2. **Teachers Day**
3. **Engineers Day**
4. **BV Raju garu Birth Anniversary**
5. **Constitution Day**
6. **Mathematics Day**
7. **Sankranti**
8. **Republic Day**
9. **Womens' Day**
10. **World Environment Day**
11. **International Day of Yoga**

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

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	**No File Uploaded**

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

Vishnu Educational Development and Innovation Centre (VEDIC) is a unique centre of excellence set up as a transformational platform for Sri Vishnu Educational Society Institutions. The following are the various programs being conducted at VEDIC

For Principals

1. **Learning & Leading**
2. **Art of Writing Research Project**
3. **CII Principals' Meet**

For Heads of the Departments

1. **Learning & Leading**
2. **Art of Writing Research Project**
3. **Pedagogic and Personal Effectiveness**

For Faculty

1. Scientific Educational Practices
2. Advanced Engineering Optimization through Intelligent Techniques
3. Simulation techniques and Advanced Optimization Procedures
4. Cultivating Research Mindset
5. Art of Writing Research Paper
6. Train the Trainers
7. Content Preparation for even semester subjects
8. E Lab in C Programming
9. Intrinsic motivation for placement team
10. Mathematics – I Colloquium
11. Engineering Mechanics Colloquium
12. Supply Chain management
13. Engineering Drawing Colloquium
14. C programming Colloquium
15. Physics Colloquium
16. Chemistry Colloquium
17. Mind map for effective learning

For Students

1. Intellectual learning for engineering applications (ILEA)
2. E-Lab in C programming Practice
3. Career Aspirations in Science and Technology (CAST)

For Librarians

1. Librarians' meet
2. Ethical and Cultural Diversity

For Lab Assistants

1. Ethical and Cultural Diversity

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, co-curricular 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 aswellasothertopicsbeyond 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 techniquesareemployedtodelivercontent.
- 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	No File Uploaded
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	A. All of the above

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	View File
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)

264

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
1769

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

1769

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	No File Uploaded

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

2

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

413

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	**B. Any 3 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)	View File
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	View File
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

558

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

287

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 a maximum of 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 were 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, etc. They are encouraged to do research and develop innovative projects and participate in well-known national and 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
1872	**122**

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 like Chart preparation, Role play, Think-pair-share, Assignments, etc., 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 one mini and major project in their final year of study, involving a process of substantial discovery, synthesis, or application of information in solving the real-world problem. A Technical seminar is conducted as part of their curriculum 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 and Assistive 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

95

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

122

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

36

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

587

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 set 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 In-charge 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 attendance registers, lab manuals, lab records, institute/department magazines, etc.,

The COs are published on institute's website and 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)	No File Uploaded

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

385

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	**No File Uploaded**
Paste link for the annual report	<u>https://bvrithyderabad.edu.in/2017-GraduationDay/2017%20Batch%20Graduation%20Day%20Report.pdf</u>

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)

<u>https://bvrithyderabad.edu.in/SSS%20updated.pdf</u>

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)

22

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

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

5

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

32

File Description	Documents
Report of the event	No File Uploaded
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

62

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

61

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 has established "BVRITH NSS for the people" with a motto to create awareness among the faculty members, students and also the neighbourhood community on Environmental, Health, etc.,

On "Health is Wealth", various events like Pulse Polio immunization, first-aid training, awareness on COVID & Cancer, Yoga, Physical & Mental fitness are conducted.

With the motto of "Save Environment and nurture the nature", events like Harithaharam, Eco-Ganesh Idol Making, Making natural compost, etc., are conducted.

We serve to community in association with Voice 4 Girls and Sahaya to educate the government school children.

Events related to Social Entrepreneurship, NSS Day, Rastriya Ekta Divas, Daan Utsav, National Educational Policy are also part of NSS events.

Our college took part in World Wide Fund for Nature - India's Echo-Building Environment Conservation Heroes Programme 2020-2021 and received Special Mention-Innovative Ideas 2021.

Our NSS coordinator, Ms. Anna Tanuja Safala was recognized as a Nodal Officer for Medchal Malkajgiri by JNTUH NSS.

These activities inculcate societal responsibilities, eco-friendly practices, leadership skills, generousness and philanthropy.

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

4

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

18

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

521

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

142

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

3

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 resources and infrastructure, provided by the college for academic excellence categorized into:

(a) Learning facilities: Laboratories, class rooms, library, LMS etc.

(b) Support facilities: Hostels, seminar halls, sick rooms, parent's lounges, stationery shop, Kalavedika etc.

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

- Class rooms: All the classrooms are equipped with ICT facilities namely LCD/LED projector, laptop, audio system, internet connectivity, LMS, notice boards and class room library.
- Seminar Hall: All the Seminar Halls are provided with ICT facilities, for conducting training, state, national and international level events.

- **Laboratories/Workshops:** The Institute has well-equipped laboratories, utilized by the students to carry out regular academic practicals, beyond the curriculum experiments and projects. The labs are available even beyond working hours.
- **VEDIC:** Vishnu Educational Development and Innovation Centre (VEDIC) is a unique residential campus established in 2016 with the vision to nurture and empower the faculty, staff and leaders, to transform the educational experience to be relevant to the workplace of today and the future.
- **WISE:** In collaboration with a software company "TalentSprint", the institute started an exclusive programme "Women in Software Engineering (WISE)", conducted in parallel with the regular academic programme to make the students industry ready by imparting deep technology skills.
- **The Business English Certificate (BEC):** A certification course in Business English with the association of University of Cambridge, U.K., is provided to empower the students to work or study globally
- **SWAYAM-NPTEL:** The college has NPTEL Local Chapter facilitating the learners to upskill through the MOOC platform. NPTEL courses are also offered to the students for credit transfer by the University.
- **Assistive Technologies Lab (ATL):** The students develop applications/products for specially challenged people through ATL.
- **IoT Maker Space:** It is launched in association with TASK and HYEA. The objective is to ensure overall development of a student in terms of technical skills, innovative thinking, and developing prototypes to become future entrepreneurs.
- **Research Lab:** To promote the research culture among faculty and students, a well- equipped research lab is established. The lab contains high-end computing machines, PCB Printers, 3D printers and simulation software.
- **Computing facility:** The College has 808 computing machines, including 174 laptops and two high-end rack servers for the usage. The campus has uninterrupted internet connection with the speed of 1.2 Gbps bandwidth. All labs are connected through fiber optical LAN. To overcome the security threat at Gateway level "Sophos XG 330" Firewall is available.

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 by including extra-curricular activities. 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 and games namely Athletics, Football, Badminton, Volleyball, Basketball, Kho-kho, Shuttle, Kabaddi, etc., The institution also provides indoor games like caroms, chess, table tennis etc. Professional training is provided to interested students in these activities and games by coaches.

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.

Gymnasium

An exclusive Gymnasium provides physical fitness and weight loss programmes for the students. A number of ultra-modern equipment is available like Treadmill, exercise cycles, fold down weight bench, dumbbell, weights, skipping ropes and handgrips.

Yoga

Practicing yoga helps to engineer a deep lasting personal transformation. An exclusive facility is provided with a dedicated professional yoga teacher for training both the students and faculty members.

Cultural Activities

The institution offers a good opportunity for the students to come out with their talents in Dance, Music and Art. The Cultural Club organizes various cultural activities to make the students relax, enjoy and balance their leisure time. Programs are conducted to encourage the students' participation in cultural activities. The regular cultural activities conducted annually are Traditional Day, Freshers' Day, Annual Day and Women's Day. The college has KALAVEDIKA-an open auditorium for cultural activities. During all these occasions, several competitions like singing, dancing, instrumental music, rangoli, floral arrangement, mehendi, hair styling, etc. are conducted and prizes are awarded. Few Student-driven Clubs have been extended by Central Cultural Club-SAARANG.

The Clubs are as follows:

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)

182.86

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

4.2 - Library as a Learning Resource

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

The Library of BVRIT HYDERABAD College of Engineering for Women is at Ruby Block in the campus. The library is a separate new multi-storey building with carpet area of 392.2 sq. m. The library is open to all students and faculty members during all working hours. The Library was automated from the year 2012-13 with ECAP Software, Version 2.0. Reprographic facilities are available in the library. Reference books can be used only in the library premises. The library is user-friendly to all students and faculty members. It has a vast collection of over 20,234 volumes and 2,724 titles & subscribes to 75 Journals & Magazines. The Online Public Access Catalogue (OPAC) is available 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)	<u>View File</u>

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)

8.81

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

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

128

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 fiber optic network. The campus is provided with uninterrupted internet connectivity. The campus-wide connectivityis incrementally provided by installing sufficient number of Wi-Fi access points and switches over a period of time.

The Internet Bandwidth is gradually increased from 200 Mbps to 1220 Mbps from the inception till now, to cater to the academic and research needs in the campus. Webmail service from Google is offered to students and staff members for official communication.

The overall network usage is monitored and unwanted network traffic is filtered earlier through Cyberoam Firewall CRI-500ING and currently using Sophos xg330 firewall.

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 along with new additions to the laboratories, office, library and departments.

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 gradually increased from 16 to 39.

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

4.3.2 - Number of Computers

808

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

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)

1226.85

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

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

The college has a site engineer and maintenance Engineer to render the technical assistance for construction, building maintenance and repairs periodically. The maintenance team is takes care of painting, repair, flooring, plumbing work, electrical, and air-conditioning under the supervision of skilled technicians.

Laboratory Maintenance:

All the equipment and machinery of the laboratories are periodically maintained by the lab technicians. If the equipment is to be serviced during the warrantee period, the supplier of the equipment is informed about the repair and it is serviced either in-house or in the supplier premises based on the nature of defect. After the warrantee period if the equipment demands service, the technical staff attached to the respective laboratory services the equipment. The laboratories maintenance of the machines, mechanical / electrical equipment is done periodically. A Breakdown Register is maintained in the laboratories. As per the requirement, minor repairs are carried out by the lab assistant of the specific laboratory.

Computer and Accessories Maintenance

A dedicated System Administration team takes care of the maintenance of computers, LCD Projectors, Printers and the networking. They also maintain internet utilisation, firewall maintenance and CCTV Security Systems. The service and maintenance of the systems are done on a regular basis.

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.
- The college has a 34KWP solar plant which is maintained by the Department of Electrical and Electronics Engineering.
- Generator Backup and UPS Facilities are also maintained by department lab technicians.

Library:

The library updates its books repository on yearly basis as per the changes in the curriculum. Inputs from the students and faculty are collected in the prescribed format for books to be procured from outside the syllabus. The Library Committee discusses and approves the procurement of books. The library committee meets once in a semester to upgrade and procure any additional and general books both technical and non-technical. To create good interest in reading every very month fiction and nonfiction books worth of Rs.3000/- are procured as per recommendations of students and faculty.

Sports Complex Maintenance and Utilization

- All Sports amenities such as playgrounds, courts and indoor stadium are under the control of physical directress. She focuses onmaintenance of the track and field regularly with the support staff.
- The maintenance of the courts is done on time. Students receive the sports kit from the physical education department for practicing by entering their name and roll number in the material issue register and after completing the practice session the student returns the same to the physical education store room.

Other Maintenance Activities:

- **Maintenance of gardens, tree plantation, and landscape maintenanceis done by gardeners under the guidance of professional horticulturalists.**

- **Maintenance of Lift is done by the service provider.**
- **Every department has an intercom facility- EPABX.**
- **Fire extinguishers are available in the campus and mock drills are conducted.**
- **Cleanliness of class rooms, corridors etc., are maintained by the housekeeping staff.**

Stock verification is done at the end of every year by the staff members who are deputed by the Principal.

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

838

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
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)	<u>View File</u>

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

85

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

314

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

314

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 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

314

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

34

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

145

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.

4

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)

BVRIT HYDERABAD College of Engineering for Women believes in providing an environment conducive to educational and personal development of students. Their active involvement in the committees helps them to understand the decision making process. Student clubs nurture the skills of the students. It helps in the transformation and holistic development of the students. There are different committees at Institute level and Department levels where the students and the faculty members play active role in planning and execution of the events. The students are involved in the following committees along with the staff members. • Anti-Ragging Committee • Sexual Harassment Committee • Class Review Committee (CRC) • Department Technical Associations • Hostel Committee • Canteen Committee • Sports Committee • Co-Curricular Committee • Grievance Redressal Committee • Literary Cell • Extra-Curricular Activities Cell • B-Smart Editorial Board

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

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

13

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

The Institution has a very active BVRIT HYDERABAD ALUMNI ASSOCIATION formed in the year 2016 with the Reg. No: 1761 of 2016. All the outgoing students by default become part of the BVRIT HYDERABAD ALUMNI ASSOCIATION. Members of association are nominated and elected by alumni. The alumni form the major strength and are brand ambassadors of the institution. Our college alumni has a separate Facebook page https://www.facebook.com/BVRIT-Hyderabad-Alumni-Association-204704556740656/ created for their networking and to inform about major activities and achievements of the college. Our alumni contribute to the institute in two ways: Non-Financial Means: • Mentoring and Career Guidance: • Placements: • Support system: Financial Means: • Financial Contributions: Most of them voluntarily 'Give-Back' to their alma mater as a sign of their gratitude and affinity towards the institution. The Alumni initiated Gold Medal for the best placement and financial help to the needy students. A strong alumni association can be one of the biggest benefits of an institution that can contribute towards various developmental activities of the institution. Leveraging the alumni community can be a win-win for both the institution and the alumni.

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

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

File Description	Documents
Upload any additional information	No File Uploaded

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 vision, the organisation encourages the faculty members and students towards research leading to innovation. For this, the college has an efficient R&D team consisting of central coordinator and dept.-wise coordinators.

Faculty members are encouraged to publish their research work in renowned publications like SCI Indexed, SCOPUS Indexed etc. The faculty members are 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 publication/patents, reviewed by the R&D Committee, as per the R&D policy. The college also provided 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. Through Assistive Technology Lab (ATL), students are made aware of the societal problems and guided to develop solutions for the same. 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.

Training & Placement Cell (TPC) consisting of Placement Manager, Asst. Placement Manager and the coordinators from each department plays a vital role to mend students' future. The TPC coordinates with the principal, central placement team, HoDs, and technical training team for planning, scheduling and organizing various trainings. The trainings can be through the external agencies, WISE and internal. External technical trainings are regularly provided by "Smart Interviews", "Being Zero" and non-technical trainings provided by "Elephosis".

TPC receives the schedule and requirements for the placement drives from the central placement team. Then, TPC schedules company specific trainings by external agencies/internal training team.

TPC conducts the assessments regularly, analyzes and sends the concerned reports to the respective HoDs. HoDs with the help of Mentors, reviews the performance and ensures the improvement in it.

TPC coordinates with Vishnu Startup Accelerator center for Women (V-SAW), fulfills dreams of the students, willing to establish startups in the future. Entrepreneurship Development Cell (EDC), part of V-SAW helps to promote entrepreneurship by improving the entrepreneurial skills of the students through various trainings.

TPC also coordinates with Graduate Study and Abroad Centre (GSAC), to support the students, aspiring to study abroad by conducting related activities.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Vishnulearning.com is a new Learning Management System (LMS) platform, introduced at Sri Vishnu Educational Society level

supported by eAbyas Info Solutions to cater the eLearning needs of students. It's a multi-tenant platform based on open source software to assist the instructors in creating online material. Previously we used Learning Management System (LMS), specifically customized for BVRITH is http://bvrithvidya.in/ was implemented.

As of now 400+ courses, across 6 programmes have been developed by BVRITH, with 100% material are available for 1800+ user accounts. The faculty members created and curated the content using well established processes. With activities such as real-time quizzes, gamification, peer-reviewed assignments, and discussion forums, the platform offers both synchronous and asynchronous learning.

During the epidemic, the Vishnulearning.com platform was very helpful for the majority of learners residing in remote locations to continue their education in a seamless manner.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
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 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 HoDs.

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

Exam 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.

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	https://bvrithyderabad.edu.in/orgonogram/
Upload any additional information	**No File Uploaded**

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

Welfare measures for Staff: Medical Health Insurance Coverage. Concession in Transport fee. Full time Doctor, nurse and ambulance are available in the campus. Regular Psychologist. Sports, gym and yoga facilities are provided for faculty and their family members as well. 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.

Welfare measures for Teaching Staff: Financial assistance towards Registration Fee, Dearness Allowance, Travelling Allowance for conferences, workshops and FDPs. Incentives for paper publications in International Conferences & journals and Certifications. Laptop loans are provided for the faculty members. 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.

Welfare measures for Non-Teaching Staff: Interest free advances in emergencies. Uniform is provided for supporting staff. 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

55

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

20

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

111

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 college follows a standard appraisal system for both teaching and non-teaching staff. The self-appraisal forms from teaching and technical staffs are collected by the Head of the Department in the month of September every year. Performance of the staff is evaluated for 100 marks based on the following criteria:

For Teaching Staff:

- **Result analysis and feedback of subjects taught**
- **Skill up-gradation, conduction and participation in Conferences/Workshops/Faculty Development Programs**
- **Research and Development**
- **Funded projects and Consultancy**
- **Guiding students in technical competitions**
- **Feedback of HoD and Principal**
- **Responsibilities at department and college level**
- **Contribution towards Placement/Content development**
- **Outstanding achievements**

Technical staff:

- **Skill up-gradation**
- **Responsibilities taken up at department and Institution level**
- **Role in helping students at various competitions**
- **Job Assessment / General Ability**

- **Human Relations**
- **Work Output and Habits**

- **Feedback of Head of the Department and Principal**

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

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 a team of staff under them 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 of omissions and commissions, pointed out by the audit team 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	[View File](#)

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

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

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

The regular funds for the college come from:

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 interests, placement fee, consultancy amount, and sponsorships for the events.

The Additional/Deficit Funds are procured from:

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 usage 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 also. 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 under various heads.

1. Non-Recurring Expenditures: Infrastructure Augmentation, Purchase of books.

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: a. Academics: Due to pandemic, the classwork was conducted in online mode. Keeping in view of the technical glitches at the student end, the lectures were recorded and made available to the students. b. Upskilling: In order to upskill both the faculty members and the students in the emerging technologies, the courses on coursera and edX are made available for free-of-cost. The

Institution is having NPTEL local chapters and few courses are opted as electives. c. R & D: The number of patents published, papers in reputed journals and funding proposals were significantly improved because of the collaborated research among the institutions of the sceity and external institutions. d. Administration: The payment of all kinds of fees are made digitized to providea transparent environment.

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. During Pandemic, During pandemic, IQAC has taken a step to conduct classes in online using various platforms like Zoom, MS Teams, G Meet. LMS portal was upgraded with all the theory and lab courses with all the relative material of the course in form of PPTs, Handouts,etc., Faculty are encouraged to prepare self made videos of the difficult topics in each unit and upload in the LMS portal for the benifit of the student to review as and when required.

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	B. Any 3 of the above

audit 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	View File
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

Guest Lecture on "Do not Let Pandemic Set Gender Equality": The Covid-19 pandemic puts this truth into stark relief and raises critically important choices. As COVID-19 continues to affect lives and livelihoods around the world and have a regressive effect on gender equality.

Safety and freedom from gender-based violence: Violence is the leading cause of preventable death, disability and illness for women. Hence there is a strong need for safety and making the women free from gender-based violence.

WOMEN'S DAY CELEBRATIONS–2021: Our campus celebrates INTERNATIONAL WOMEN'S DAY every year. A Quiz on Gender Equality was conducted on 13th Dec 2020. Poster activity: Is Gender Equality Important: Gender equality means all genders having equal rights, responsibilities and opportunities. With this theme a poster activity is conducted to students.

Group Discussion on "Rethinking gender roles will result in lessening the extent of female foeticide": Students were informed about the topic, a day before the event. Each group consists of 5 members, got 15 minutes for their discussion and finally 5 minutes were allotted to conclude the topic.

Poster activity: A general perception on Gender sensitization: Gender sensitization refers to the raising sensitization of gender equality concerns. A poster presentation was conducted.

File Description	Documents
Annual gender sensitization action plan	**Nil**
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	**Nil**

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	**C. Any 2 of the above**

File Description	Documents
Geo tagged Photographs	[View File](#)
Any other relevant information	**No File Uploaded**

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

The college took several initiatives to properly dispose waste and maintain eco-friendly environment in and around the campus. Appropriate labeled bins are used to discard various type of waste avoiding manual segregation.

Solid waste management

Solid waste is collected and is segregated as plastic, paper and general waste.

The daily food waste is displayed to everyone to create awareness and avoid waste.

The waste generated in engineering workshop lab is sent to recycling.

MyGreen Bins are used to convert semi-solid waste to compost. The compost generated is used as manure for plantation.

Liquid waste management

STP plant with capacity of 60 KLD is under operation.

Waste water from RO plant is used for gardening purpose and any left-over water is redirected to water harvesting pits.

E-waste management

E-waste from labs is properly collected and is either given to the licensed recycler or reused. Batteries, materials that cause choking hazard, are taken utmost care while decomposing.

Waste recycling system

College has a MoU with ISO approved waste management social enterprise "Waste Ventures Pvt. Ltd.", to dispose the waste for recycling.

Hazardous chemicals and radioactive waste management

Generated chemical wastes from labs and other areas are disposed 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	B. Any 3 of the above

campus

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	[View File](#)
Any other relevant documents	**No File Uploaded**

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	No File Uploaded
Any other relevant information	No File Uploaded

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	**A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
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).

Our institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional linguistic, communal socioeconomic and other diversities even during the days of COVID-19 pandemic through online platform.

Activities reports are shared in detail

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 and duties play an important part in the development of a nation or the growth of an organization. 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.

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.

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	**B. Any 3 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	No File Uploaded

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

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. 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 AY-2020-21 are listed here

1. Independence Day
2. Teachers Day
3. Engineers Day
4. BV Raju garu Birth Anniversary
5. Constitution Day
6. Mathematics Day
7. Sankranti
8. Republic Day
9. Womens' Day
10. World Environment Day
11. International Day of Yoga

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

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	**No File Uploaded**

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

Vishnu Educational Development and Innovation Centre (VEDIC) is a unique centre of excellence set up as a transformational platform for Sri Vishnu Educational Society Institutions. The following are the various programs being conducted at VEDIC

For Principals

1. Learning & Leading
2. Art of Writing Research Project
3. CII Principals' Meet

For Heads of the Departments

1. Learning & Leading
2. Art of Writing Research Project
3. Pedagogic and Personal Effectiveness

For Faculty

1. Scientific Educational Practices
2. Advanced Engineering Optimization through Intelligent Techniques
3. Simulation techniques and Advanced Optimization Procedures
4. Cultivating Research Mindset
5. Art of Writing Research Paper
6. Train the Trainers
7. Content Preparation for even semester subjects
8. E Lab in C Programming
9. Intrinsic motivation for placement team
10. Mathematics – I Colloquium
11. Engineering Mechanics Colloquium
12. Supply Chain management
13. Engineering Drawing Colloquium
14. C programming Colloquium
15. Physics Colloquium
16. Chemistry Colloquium
17. Mind map for effective learning

For Students

1. Intellectual learning for engineering applications (ILEA)
2. E-Lab in C programming Practice
3. Career Aspirations in Science and Technology (CAST)

For Librarians

1. Librarians' meet
2. Ethical and Cultural Diversity

For Lab Assistants

1. Ethical and Cultural Diversity

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

7.3.2 - Plan of action for the next academic year

1. To establish centre of excellence in the emerging

technologies – IoT, AI, ML
2. To enrich entrepreneurial activities with an aim to take atleast one product into the market
3. To conduct sessions by IIT / IIIT / HCU Scholars based on the availability
4. To Improve foreign collaborations
5. To conduct sessions and encourage students towards Higher Studies