



# **YEARLY STATUS REPORT - 2020-2021**

## **Part A**

### **Data of the Institution**

#### **1.Name of the Institution**

**V.S.B. Engineering College**

- Name of the Head of the institution

**NIRMAL KANNAN V**

- Designation

**Principal**

- Does the institution function from its own campus?

**Yes**

- Phone no./Alternate phone no.

**9994496212**

- Mobile no

**9585503292**

- Registered e-mail

**iqac@vsbec.com**

- Alternate e-mail

**principal@vsbec.com**

- Address

**NH-67,Coimbatore Road,  
Karudayampalayam Post, Karur -  
639111**

- City/Town

**KARUR**

- State/UT

**Tamil Nadu**

- Pin Code

**639111**

#### **2.Institutional status**

- Affiliated /Constituent

**Affiliated**

- Type of Institution

**Co-education**

- Location

**Rural**

- Financial Status **UGC 2f and 12(B)**
- Name of the Affiliating University **Anna University**
- Name of the IQAC Coordinator **Dr.M.Sangeetha**
- Phone No. **9585595212**
- Alternate phone No.
- Mobile **6384014201**
- IQAC e-mail address **iqac@vsbec.com**
- Alternate Email address **principaloffice@vsbec.com**

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

<https://www.vsbec.com/wp-content/uploads/2022/03/VSB-AQAR-2019-2020.pdf>

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

**Yes**

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

<https://www.vsbec.com/wp-content/uploads/2023/07/Academic-schedule-for-II-and-III-Year-1.xls>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B++</b>	<b>2.96</b>	<b>2020</b>	<b>14/02/2020</b>	<b>13/02/2024</b>

**6.Date of Establishment of IQAC**

**04/06/2016**

**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
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

**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)**

Programmes like faculty development training programmes, Seminars are organized

Faculty members have been motivated and facilitated to attend faculty development training programmes and workshops in reputed organizations

Students of all the branches have attended internship programmes in various Organisations, Students are motivated to participate Online certificate courses such as NPTEL, Course Era, etc

Students are motivated to participate in Smart India Hackathon competitions, Online Coding competitions such as CodeVita, Testimony etc

Established Institutional Innovation Council of MHRD at the campus

**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
To implement outcome based education effectively	Outcome based Education is successfully implemented
Intensive placement training for all the students	Percentage of placements increased with the help of
Learning through Online Platform	Online teaching learning process through LMS platform
To conduct academic audit for all programs	The external and internal academic audits for all programmes was conducted

**13. Whether the AQAR was placed before statutory body?** **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	<b>V.S.B. Engineering College</b>
• Name of the Head of the institution	<b>NIRMAL KANNAN V</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone no./Alternate phone no.	<b>9994496212</b>
• Mobile no	<b>9585503292</b>
• Registered e-mail	<b>iqac@vsbec.com</b>
• Alternate e-mail	<b>principal@vsbec.com</b>
• Address	<b>NH-67,Coimbatore Road, Karudayampalayam Post, Karur - 639111</b>
• City/Town	<b>KARUR</b>
• State/UT	<b>Tamil Nadu</b>
• Pin Code	<b>639111</b>
<b>2.Institutional status</b>	
• Affiliated /Constituent	<b>Affiliated</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>
• Financial Status	<b>UGC 2f and 12(B)</b>
• Name of the Affiliating University	<b>Anna University</b>
• Name of the IQAC Coordinator	<b>Dr.M.Sangeetha</b>

• Phone No.	9585595212				
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• IQAC e-mail address	iqac@vsbec.com				
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<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/Academic-schedule-for-II-and-III-Year-1.xls">https://www.vsbec.com/wp-content/uploads/2023/07/Academic-schedule-for-II-and-III-Year-1.xls</a>				
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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.96	2020	14/02/2020	13/02/2024
<b>6.Date of Establishment of IQAC</b>			04/06/2016		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			4		
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been uploaded on the institutional website?		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
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Faculty members have been motivated and facilitated to attend faculty development training programmes and workshops in reputed organizations		
Students of all the branches have attended internship programmes in various Organisations, Students are motivated to participate Online certificate courses such as NPTEL, Course Era, etc		
Students are motivated to participate in Smart India Hackathon competitions, Online Coding competitions such as CodeVita, Testimony etc		
Established Institutional Innovation Council of MHRD at the campus		
<b>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</b>		

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Learning through Online Platform	Online teaching learning process through LMS platform
To conduct academic audit for all programs	The external and internal academic audits for all programmes was conducted
<b>13.Whether the AQAR was placed before statutory body?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Nil	Nil
<b>14.Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2020-2021	27/02/2022
<b>15.Multidisciplinary / interdisciplinary</b>	
<p>Science, Technology Engineering and Mathematics Education is now become a part of the curriculum framed by Anna university. It provides provisions to provide the training to students in multidisciplinary projects. Encourage the student to do product design in multidisciplinary environments through its final year projects and mini projects for various UG programmes and PG programmes. The curriculum and syllabus framed has taken care of Science, Technology Engineering and Mathematics Education covering the subjects belonging to various categories like basic sciences, Engineering sciences, Professional core courses, Professional elective courses, Open elective courses, employability enhancement courses etc.,</p> <p>In addition to the curriculum, various clubs such as Science club, Music Club, Multimedia Club, Energy Club, Rotaract</p>	



Club, Tamil mandram and etc are functioning which provides an opportunity in promoting multidisciplinary activities for students and faculty members through various events conducted. To enhance the multi-disciplinary and interdisciplinary activities in social major problems like global warming, renewable energy etc. The research findings are promoted to convert into patents and research publications in reputed journal.

It is planned to introduce multidisciplinary courses and cross major subjects in the VSBE after becoming Autonomous from the next academic year.

#### **16.Academic bank of credits (ABC):**

As per the UGC Notification on (28th July, 2021) "Academic Bank Account" means an individual account with the Academic Bank of Credits opened and operated by a student, to which all academic credits earned by the student from course(s) of study are deposited, recognised, maintained, accumulated, transferred, validated or redeemed for the purposes of the award of degree/diploma/certificates etc. by an awarding institution. Academic Bank of Credits shall be established, on the lines of the National Academic Depository shall have a dynamic website providing all details of Academic Bank of Credits and its operational mechanism for the use of all stakeholder of higher education.

Academic Bank of Credits is essentially a credit-based, and highly flexible, student-centric facility. Our institution has been in the process of getting approval to apply for registration with Academic Bank of Credits from statutory authorities such as Governing Council, Academic Council and university authorities. Courses undergone by the students through the online modes through National Schemes like SWAYAM, NPTEL & etc. or of any specified university, shall also be considered for credit transfer and credit accumulation.

#### **17.Skill development:**

The institution encourages the faculty to update their knowledge by offering and undergoing refresher courses, seminar, conference, training program faculty development programmes and workshops. In addition, the institution has provided 15 value added courses per year and certificate courses to students for developing skills to bridge the gaps in the syllabus and multidisciplinary approach. About 75% of students are participated in certificate and add-on courses. They are trained in the following areas as per their interest to achieve

placements, competitive examinations and higher studies.

Ø Communication skills in English

Ø Basic computer programming

Ø Aptitude skills

Ø Leadership exposure and Professional Skill Development

Ø Software oriented skills

Ø Department oriented skill developments for placements

Ø Club activities apart from the soft skill, life skill development for student.

Ø GATE Coaching and Higher studies

Ø Our institute also cares about building ethical values to the students through moral classes and mentor mentee system and the universal human values courses are introduced.

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

NEP 2020 envisages a greater Promotion of Indian Languages, Arts and Culture. The NEP document elaborates on the cultural and knowledge heritage of India, the importance of Indian Philosophy in the renewed perception and influence on the world events, the importance of the multilanguage - multicultural background of the country and the necessity for revitalizing these realms for the betterment of the country and the world. This strategy calls for a paradigm shift in our immediate past educational system (which, in general opinion, has devalued the Indian traditional knowledge). To bring back the glory of the ancestral values and knowledge and a line with AICTE, guidelines the institution has introduced a mandatory course on Indian Constitution and Traditional Knowledge' for all the UG students. To augment the lectures in the class room, standard text books on Indian Constitution and Cultural heritage of India have been given to the students. Through the efforts of various Clubs, competitions are being regularly conducted in the regional language viz Tamil and English on the contemporary topics on environment, energy conservation, etc., as well as topics on the cultural and ethnic values of India.

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

Outcome Based Education (OBE) is practiced in our institutional system for the Anna University Regulation 2013 and will be

continue in all upcoming regulations. The major decisions/improvements are carried out based on the feedback received from the students alumni, faculty and stake holders. OBE is implemented in all programmes. The information on POs, PEOs and COs are communicated to the stakeholders. Student attainment of learning outcomes is measured by checking the level of CO and PO attainments for all UG & PG courses.

## 20.Distance education/online education:

There is a perceptible change in the modes of the Teaching-Learning all over the world and there is a significant shift from all class room teaching and learning to partly classroom partly online Teaching Learning. This is exhibited in the worldwide popularity of Online education like MOOCs, etc. India is also keeping abreast in this new paradigm. We encourage our students and faculty to register and write examinations under SWAYAM-NPTEL, IIT Spoken Tutorial for several years. As soon as we become autonomous in the next academic year, necessary approvals will be obtained to include the Credit Transfer Scheme to our students. Thus, the credits earned from SWAYAM-NPTEL will be considered as replacements of elective courses. The list of such courses, will be approved by the chairperson before the beginning of the semester so that students register for those courses that are relevant for that particular curriculum and not repetitive/duplicative in nature. The online courses have also enabled the students to complete the credit requirements by the 5th semester to 8th semesters. Students can take up full-time internships in suitable industries and acquire skills required by the industry and also a favourable career opportunity.

## Extended Profile

### 1.Programme

1.1 587

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

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1

3074

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2

126

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

File Description	Documents
Data Template	<a href="#">View File</a>

2.3

568

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

**3.Academic**

3.1

205

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2

182

Number of sanctioned posts during the year

## Extended Profile

### 1.Programme

1.1 587

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

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Data Template	<a href="#">View File</a>

### 2.Student

2.1 3074

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Number of outgoing/ final year students during the year

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### 3.Academic

3.1 205

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2	182
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 4. Institution

4.1	64
Total number of Classrooms and Seminar halls	
4.2	525
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	719
Total number of computers on campus for academic purposes	

### 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 Institution is affiliated to Anna University and the curriculum and syllabi prescribed by the University are strictly adhered to follow and implement. Effective curriculum delivery is practiced through a process as given below:

- Well planning of academic activities
- Preparation of objective-driven lecture plan and adequate learning materials.
- Maintenance of course files by faculty.
- Remedial Classes for slow learners.
- Mentor-mentee system.
- Periodic review of the teaching-learning process by the Principal.
- Systematic examination process with the dispatch of reports to parents.
- Guest lectures, seminars, industrial visits, and training programs.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://vsbec.com/wp-content/uploads/2023/07/AQAR1/1.1.1-effective%20curriculum%20delivery%202020-2021.pdf">https://vsbec.com/wp-content/uploads/2023/07/AQAR1/1.1.1-effective%20curriculum%20delivery%202020-2021.pdf</a>

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

Before the start of each semester, the University issues an academic calendar for all programmes, which includes the start date, the last working day of the semester, the internship schedule, and the dates for semester-end examinations.

V.S.B. closely adheres to the University's schedule and plans all of its activities, including the conduct of Continuous Internal Evaluation (CIE). The institute creates an institute-level calendar. Except for unexpected situations, academic activities, CIE, and all activities are carried out in accordance with the timetable of events.

Academic calendars assist faculty members in planning their course delivery, research, academic, and co-curricular activities. Department heads closely supervise and monitor the completion of the syllabus in accordance with the lesson plan developed by faculty members.

Through academic committee meetings, the Principal periodically assesses the semester's progress and makes appropriate recommendations. In the event that the university revises the academic calendar, the institute makes the required revisions

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://vsbec.com/wp-content/uploads/2023/07/AQAR1/1.1.2.CIE%202020-2021.pdf">https://vsbec.com/wp-content/uploads/2023/07/AQAR1/1.1.2.CIE%202020-2021.pdf</a>

### 1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of

B. Any 3 of the above

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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

13

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 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)

6



File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

109

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

## 1.3 - Curriculum Enrichment

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

As an affiliated institution of Anna University, Chennai, Many efforts have been taken by the institution to focus on gender equality, environment, sustainability, climate change, human values and professional ethics.

#### Gender Equality

Equal opportunities are offered to the students of all genders in terms of admissions, training, mentoring, employment and sports activities. So gender issues do not arise.

#### Environment & Sustainability

VSBECE is a green campus, focuses on energy efficiency by preserving natural resources for healthy living and a good learning environment. The institution is surrounded by lush green 3000 trees and with more than 3000 birds. Rainwater harvesting system, Sewage treatment plant and RO water system are in place.

The institution is certified by the pollution control board and

has received a sanitary certificate from the health department. Green campus award by Sakthi Devi foundation received from the hands of Cabinet Minister.

#### Human Values and Professional Ethics

The curriculum covers course on professional ethics in engineering that enables the students to learn human values, global issues, moral leadership, code of conduct and loyalty. Every year, Dr.Ragunath, a Psychologist conducts a motivational program on human values & life skills for first-year students.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

35

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	No File Uploaded

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

614

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ internships (Data Template)	<a href="#">View File</a>

#### 1.4 - Feedback System

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

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://vsbec.com/wp-content/uploads/2023/07/AQAR1/1.4%20Feedback/Feedback%202020-2021/ACTION%20TAKEN/REPORT.pdf">https://vsbec.com/wp-content/uploads/2023/07/AQAR1/1.4%20Feedback/Feedback%202020-2021/ACTION%20TAKEN/REPORT.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

##### 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	<a href="#">View File</a>
URL for feedback report	<a href="https://vsbec.com/wp-content/uploads/2023/07/AQAR1/1.4%20Feedback/Feedback%202020-2021/ACTION%20TAKEN/REPORT.pdf">https://vsbec.com/wp-content/uploads/2023/07/AQAR1/1.4%20Feedback/Feedback%202020-2021/ACTION%20TAKEN/REPORT.pdf</a>

#### 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 students admitted during the year

807

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

793

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## **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 following special programmes are organized:**

- Fresher's motivation programme
- Motivational speech session by an eminent Psychologist
- Students are categorized based on their previous qualifying examination marks, internal assessment examinations and classroom performance.

**Advanced Learners:**

**Advanced Learners are encouraged to**

- get trained in employability skill development
- participate in online certification courses
- take part in industrial internships & training
- get involved in National & International events
- present research papers as projects or models in project expo & symposium.
- publish papers in conferences and journals
- get rewards for their academic achievements in university

**results****Slow Learners:**

- Extra coaching classes are arranged to improve their performance beyond the academic working hours.
- Slow learners are grouped with bright students to get assistance in their academic and also for their project support.
- Mentors are allotted for the slow learners to support them in academics / non-academic issues and to counsel them by tracking their performance.
- Representatives among weak students are included as class committee members to share their opinions and needs.
- Simplified study materials are prepared and distributed along with 2 marks question banks, 13 marks question banks and university question papers.
- Remedial classes and tests are conducted for slow learners after the regular class hours.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/2.2.1-2020-21.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/2.2.1-2020-21.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
3074	223

File Description	Documents
Any additional information	<a href="#">View File</a>

**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 institution has incorporated one of the modern methods of a teaching-learning process called Outcome-Based Education (OBE). Initiatives are well planned to implement OBE successfully with a proper execution plan to facilitate the learner.

**Experiential learning**

- Faculty members are preferably using demonstration models, graphs, PowerPoint presentations through ICT tools.
- The laboratory classes help the students to acquire practical knowledge related to theoretical concepts.
- Final year students are motivated to do the industry collaborated projects to acquire knowledge on an industrial basis.
- MoU is signed with various industries to provide technical exposure to the students with practical experience.
- The institution encourages the students to undergo industrial training and internship to learn through experience.
- Value-added courses are arranged to provide hands-on experience to the students.
- Industrial visits are organized to enhance the learning experience.

**Participative learning**

- Students are encouraged to organize and participate in inter-collegiate events like symposia, project contests, workshops, seminars to bring out their inherent potential.
- The students are motivated to register for online NPTEL certificate courses in addition to their regular curriculum.
- Webinars from experts augment the students to enhance their skills.

**Problem-solving methodologies**

Problem-solving exposure is given to students through tutorials, assignments, and aptitude training.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/2.3.1-2020-21.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/2.3.1-2020-21.pdf</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description

in maximum of 200 words

The following are the various teaching methodologies used:

#### LECTURE METHOD AND INTERACTIVE LEARNING

- Audiovisual aids, chalk, and board are used by the faculty for teaching.
- Students are encouraged to clarify their doubts, during the lecture hour itself..

#### APPLICATION BASED LEARNING

- Students are encouraged to attend workshops, do mini-projects, Internships in semester holidays.
- Students are taken to industrial visit at least once a semester to see the real-time operation.

#### PRACTICAL LEARNING

- Practical classes are taught in the laboratory.
- Virtual lab exercises are demonstrated to the students.
- Software's like MATLAB, P-spice, Network simulator, Cadence, etc., are used in the development of applications.

#### HI-TECH CLASSROOM

- All classrooms are equipped with a projector facility.
- All laboratories and classrooms have Wi-Fi access with the air-conditioned facility.

#### OTHER INNOVATIVE TEACHING METHODS ADOPTED BY THE FACULTY

- Real-Time Demonstration- Models are displayed in laboratories.
- Industry Projects- Students are encouraged and guided by faculty members to do real-time projects in various industries during their final semester.
- Online courses- Online courses are being conducted through NPTEL, .
- College automation software - Each student is provided with a personal login wherein they can download Course Material, Syllabus and Question bank, Assignment topics, Short videos, and NPTEL video links.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<b>No File Uploaded</b>

### 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

**189**

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

**233**

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 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



File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

840

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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.

The institution is affiliated with Anna University, Chennai, and follows the guidelines of the university with a transparent and robust mechanism for conducting the internal assessment examinations.

- The institutional test schedule is prepared according to the AU-web portal entry schedule for uploading the internal marks.
- The process is transparent and is communicated to the students, faculty members and parents through structured mechanisms.
- Valuation of answer scripts is completed within four days of the test and verified by the HoD.
- The marks awarded in the internal assessment tests and the attendance percentage is periodically communicated to the parents through SMS.
- Practical experiments are validated on verifying the

output of each experiment and viva questions.

- Project review meetings are conducted thrice for each batch in the final year.
- The class committee meeting is conducted at regular intervals to know the feedback and grievance from the students.
- The Principal conducts student meetings at the start of every semester to provide awareness about the examination pattern, preparation procedures, do's and don'ts in the examination hall, evaluation methodologies, revaluation, and challenge valuation.
- Any change in the scheme of evaluation updates on curriculum revision and alterations in the question paper patterns are conveyed to the students

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://vsbec.com/wp-content/uploads/2023/07/2.5.1-1-20-21-1_Signed.pdf">https://vsbec.com/wp-content/uploads/2023/07/2.5.1-1-20-21-1_Signed.pdf</a>

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

The institution has a transparent mechanism to address the examination-related grievances.

- As per Anna University's requirements, a profile is created for every student to maintain the database in the AU-Web portal for further process.
- The grievances related to profile correction/change will be made when required.
- During the IAE, if any student is involved in malpractice a transparent inquiry will be conducted by the discipline committee. Based on the recommendation of the committee, the punishments will be furnished.
- Any issues related to name correction in Grade sheets and other documents can be rectified through the exam cell.
- The answer scripts of internal tests are evaluated within four days from the completion of the test.
- After each internal test, the chairperson of the class committee invites the students for a meeting where they could express their general difficulties faced during the test, level of question paper, requesting for special classes, and tutorial classes.

- After the declaration of university results, the students can review and apply for revaluation with the prior knowledge of the subject handler and HOD.
- If the student is not satisfied with revaluation results he/she can go for a challenge revaluation with the recommendation from the HoD and the Principal.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://vsbec.com/wp-content/uploads/2023/07/2.5.2-1-20-21-1_Signed.pdf">https://vsbec.com/wp-content/uploads/2023/07/2.5.2-1-20-21-1_Signed.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

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

[https://drive.google.com/file/d/1uaejz-vlkbVomC\\_9hC90cpXxYOhlkoU-/view?usp=sharing](https://drive.google.com/file/d/1uaejz-vlkbVomC_9hC90cpXxYOhlkoU-/view?usp=sharing)

- Course outcomes (COs) are defined for all the subjects.
- COs are mapped with POs and PSOs.
- The Curricular Gaps are identified based on CO Vs PO Mapping and the stake-holders inputs on Curriculum.
- The Gap is discussed in the Department Advisory Committee (DAC) meeting. The DAC suggests its recommendation and suitable actions are taken by Head of the department based on recommendations.
- To strengthen the program outcomes, additional courses, guest lectures are conducted in addition to the curriculum

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://vsbec.com/wp-content/uploads/2023/07/2.6.1-2020-21.pdf">https://vsbec.com/wp-content/uploads/2023/07/2.6.1-2020-21.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

COs describes the learning that will take place across the curriculum through concise statements, made in specific and measurable terms. These COs are then mapped with POs and PSOs. During the semester, each course is assessed using assessment tools. The Assessment Tools are given by Internal Assessment Examinations and EndSemester Examinations. The questions which are given in the IAE 1, 2 & 3 are mapped to the framed COs which are in turn are already mapped with the POs with a mapping level.

The assessment is based on COs attainment where 80% weightage is given to attain through end semester examination and 20% weightage is given to attain through internal examination assessments. All the course outcomes are measured using every assessment method that has been considered throughout the semester. At the end of the programme, the POs/PSOs are computed using the CO computation value of all the COs that are mapped to a PO/PSO and through Exit Survey, Alumni Survey and Employer Survey.

The PO/PSO computation are done using the weighted average of all the COs that are mapped to that PO/PSO. The Exit survey questions are framed by the department to indirectly measure the POs/PSOs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://vsbec.com/wp-content/uploads/2023/07/2.6.2 Signed-1.pdf">https://vsbec.com/wp-content/uploads/2023/07/2.6.2 Signed-1.pdf</a>

### 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

564

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://vsbec.com/wp-content/uploads/2023/07/2.6.3_3rd-page-index.pdf">https://vsbec.com/wp-content/uploads/2023/07/2.6.3_3rd-page-index.pdf</a>

## 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://www.vsbec.com/wp-content/uploads/2021/08/V.S.B-Engineering-College-Student-Satisfaction-Survey-2021-2.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)**

**400000**

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

**NIL**

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

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

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

NIL

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

### 3.2 - Innovation Ecosystem

#### 3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution creates a conducive environment for the promotion of innovation, incubation, entrepreneurship, start-ups, and intellectual property rights. All the required resources are provided to students along with proper guidance. Students are advised to take an active role in solving societal problems by using the latest science and technology. The required resources and support is being provided for innovative product developments, publications, patents, participation in hackathons and various competitions. Research & Development Cell, Institution Innovation Council (VSBEI-IIC), Entrepreneurship Development Cell, IPR Cell are moulding the students to become a successful innovator for solving various societal problems and to become an entrepreneur for launching their own start-ups inside the campus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/IIC-2020-2021.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/IIC-2020-2021.pdf</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

**NIL**

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

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

**0**

File Description	Documents
URL to the research page on HEI website	<b>Nil</b>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<b>No File Uploaded</b>
Any additional information	<b>No File Uploaded</b>

### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

55

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

37

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

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

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

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

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

NIL



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

**3.4.3 - 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**

**3.4.3.1 - 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**

**2**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

**1**

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration****3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year****3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year****20**

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

**3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year****3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year****818**

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

**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.

**Infrastructure, ICT classrooms and Laboratories:**

**The institution provides the right environment with natural**

learning in harmony with nature and away from city life.

Each class is provided with a green/blackboard and stage with a sufficient number of lights and fans. Good ventilation is provided. Classrooms are mounted with an LCD projector with a WI-FI facility for ICT enabled learning. The institution has 11 Computer Centres with 719 PCs. It maintains a student computer ratio of 3:1 against the AICTE requirement of 6:1. The institution is equipped with 56 Wi-Fi hot spots and an internet facility with a bandwidth of 120 Mbps.

The institution has modern, well-equipped laboratories with safety equipment. Multiple power supplies like UPS, Genset and EB power are suitably provided in all the lab spaces.

#### Library:

The central library is located in a spacious block of 900 Sq.m. with 49,919 books including ebooks covering all disciplines of engineering, technology and management. Under the web consortium, provides online access to a large number of full-text journal databases.

#### Other Facilities:

- Hygienic and good quality food.
- Venitllated Hostel rooms.
- Staff quarters
- RO water supply
- Medical center with a doctor and ambulance facility for emergency service is available.
- Reprographic centre and canteen

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/4.1.1.-Geo-tag-a.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/4.1.1.-Geo-tag-a.pdf</a>

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

#### SPORTS AND GAMES FACILITIES

The institution has allotted 12 acres of land for the playground to facilitate outdoor games and 3000 sq.ft for indoor games to promote sports and cultural events.

#### Benefits and Rewards:

Physical Education department has facilities like indoor Badminton, Basketball, Volleyball, Handball, Cricket, Throwball, Kabbadi, Kho-Kho and Tennis.

#### Facilities for Games:

- 1.Basketball court
- 2.Cricket pitch
- 3.Cricket nets
- 4.Football field
- 5.Kho-kho court
- 6.Volleyball court
- 7.Badminton court
- 8.Ball badminton court
- 9.Kabaddi court
- 10.Hockey field
- 11.Chess
- 12.Carom board
- 13.Table tennis
- 14.Softball field

#### Facilities for Track and Field Events

- 200 Meters track
- Long jump
- Shot put
- Javelin throw

### Sports Facilities for Girls Students

- Badminton court
- Throwball court
- Tenni-koit court

### GYM and Fitness Centre

The recreational facilities like a gym are created in a comfortable atmosphere for the students.

### Yoga Club

The institution has started Yoga Club to enlighten our students and Faculties.

### Cultural Activities

The institution offers a good opportunity for the students to come out with their talents in dance, music, art, and mime. The cultural club organizes various cultural activities to make the students relax, enjoy and balance leisure.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/4.1.2.-Geo-Tagged-Photos-of-Facilities-for-Gymnasiums.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/4.1.2.-Geo-Tagged-Photos-of-Facilities-for-Gymnasiums.pdf</a>

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

54

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/4.1.3.-Geo-tagged-photos-classes.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/4.1.3.-Geo-tagged-photos-classes.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

**374.07681**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The library has an Integrated Management System called Lips-Dolphin (Ver 5.0) that is being used. The library is equipped with 28 CCTV cameras for strict surveillance.

#### SALIENT FEATURES OF LIBRARY MANAGEMENT SOFTWARE

##### 1. Open Access System

Free to read and unrestricted system in accessing all resources directly from its stored places.

##### 2. Web OPAC Service

Web OPAC (Online Public Access Catalogue) is a search engine to search the books and journals catalogued through automation software.

### 3. Library Portal Service via WAN Webpage (192.168.31.6)

Library Portal is a single webpage for accessing all the catalogue of library resources and online links. Web OPAC, e-Books, e-Journals, documents and videos are accessed directly from this Library Portal.

### 4. Digital Library with 20 systems

The institution library consists of 20 PCs for the Digital Library users for accessing all digital contents including CD/DVDs.

### 5. Current Content Service (New Arrivals)

Current Content Service is a service to alert the users of the contents of the new arrived resources in the library.

Support to students for self-learning activities

Library Hour

Students are allotted with compulsory library hours in a week

NPTEL Video Sessions

Lecture Videos from IIT institutions are subscribed and downloaded from the NPTEL Portal.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/4.2.1.-Library-data.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/4.2.1.-Library-data.pdf</a>

**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**

**B. Any 3 of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

#### 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)

158.16547

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

#### 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

689

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

The institution provides Wi-Fi resources all around the campus.

Updates in IT facilities are listed below:

1.The institution has 120 Mbps wifi with 56 hotspots.



2. A firewall is used to protect the network from internal and external network threats.

3. Further, two computer centers were modernized by obtaining funds from AICTE through the Modrob scheme.

4. Both indoor and outdoor spaces in the college premises are under surveillance with 149 CCTV cameras.

5. ERP server preserves the complete information and automation process of the institution which helps the faculty to finish a job in time.

6. Ceiling-mounted projectors are utilized in all the department classrooms for Students to come out of stage fear and gain confidence over the presentation.

11. Smart classrooms with internet facilities encourage the students to learn the subjects in an easy way through interactive lectures.

12. The institution has a digital library server for the students and faculty members.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/Internet-2020-21.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/Internet-2020-21.pdf</a>

#### 4.3.2 - Number of Computers

719

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	No File Uploaded

#### 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)

532.9819801

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

An exclusive maintenance department takes care of routine cleaning, maintenance of buildings, electrical items, equipment and furniture, etc.

##### Maintenance of Physical Facilities

- IQAC infrastructure coordinator ensures the quality maintenance of physical facilities through ISO internal audit.
- All rooms, varandas and restrooms are cleaned on a daily basis.

##### Maintenance of Academic Facilities

- The laboratory staff and lab technician keeps a strict vigil regarding the maintenance and upkeep of the

scientific instruments and chemicals. The repair, replacement or another required upkeep is fully undertaken by their supervision. Breakage of instruments and devices is reported to the higher authority regularly.

- The calibration of equipments is performed periodically.
- Maintenance activities are performed to keep the library clean.

#### Maintenance of Support Facilities

- Internet connectivity and CCTV security systems are maintained through the system administration team.
- Water is filled-in earth pits outside the generator room and EB yard inside once in a month. Earth connections in all electrical equipment are checked once in two months.
- MCBs are used at all electrical installations. The Electricity Generator Room is situated away from the academic and administrative areas.
- A fire extinguisher is kept in all the labs and prominent places
- Supplying uninterrupted water through 5 bore wells.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/4.4.2.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/4.4.2.pdf</a>

#### 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

1607

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

### 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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

149

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

### 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	<a href="https://www.vsbec.com/about-placement-cell/">https://www.vsbec.com/about-placement-cell/</a>
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

0

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

0

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

**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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

**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**

470

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

**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**

15

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

**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**

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	No File Uploaded

### 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.**

15

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

**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 )**

Students of VSBEC are fortunate because the institution provides various opportunities for the students to outperform in other fields apart from academics.

#### Academic Committees:

##### 1. Internal Quality Assurance Cell:

Institutional IQAC has student members to present suggestions related to the academic and administrative activities.

##### 2. Class Committee:

A class committee is constituted with students' representatives as members.

##### 3. Library Committee:

The Library committee is formed with students as members.

**Administrative Committees****1. Anti-Ragging Committee:**

At the start of every year, Principal forms an Anti- Ragging Committee with senior Professors and few Assistant Professors, HoDs and students as members.

**2. Hostel Committee**

The hostel committee comprises Chief warden, deputy wardens and student representatives.

**3. Sports Committee:**

The student representatives along with the physical director motivate the students to participate in indoor and outdoor games.

**4. Cultural Committee:**

The cultural committee consists of a faculty as head and students as members.

**5. Women Empowerment Cell:**

Women Empowerment Cell is established to empower women students and staff, make them understand and respond suitably to the issues pertaining to women students.

**7. NSS:**

Students are being part of the NSS with a staff coordinator and doing social service regularly to the nearby villages.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)****5.3.3.1 - Number of sports and cultural events/competitions in which students of the**



**Institution participated during the year**

15

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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))	No File Uploaded

**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 alumni are the brand ambassadors of an educational institution and backbone for future scope. They are in touch with the institution in the following ways.

- Alumni interact with the respective HoD's and convey information regarding current trends and practices in the industries where they work. Therefore, suitable improvements in the infrastructure facilities can be made in the institution through this interaction.
- Alumni also interact with the final year students and guide them in preparing for campus interviews in core companies as well as IT / ITES.
- Identify the industries for student's in-plant training.
- Interactive sessions provide guidance regarding higher studies, competitive exams and placement for juniors.
- Being members of the IQAC, they regularly provide suggestions for quality assurance in all aspects.
- The feedback received from all the graduates every year seeking their opinion on the instructions and delivery, infrastructural facilities, library facilities, computing facilities, games & sports facilities, training facilities, support to placement activity, etc.
- The alumni meet is hosted by the management generously. It is mutually beneficial to the institution and the alumni. This provides a great opportunity for alumni to interact

with the faculty to share their knowledge, experience and insights.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/alumni/">https://www.vsbec.com/alumni/</a>
Upload any additional information	<a href="#">View File</a>

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

E. <1Lakhs

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 institution has a well-structured organization chart with governance at various levels to achieve the vision and mission of the institution.

**Institution Vision** We endeavour to impart futuristic technical education of the highest quality to the student community and to inculcate discipline in them to face the world with self-confidence and thus we prepare them for life as responsible citizens to uphold human values and to be of service at large. We strive to bring up the institution as an institution of academic excellence of international standard.

**Institution Mission** We transform persons into personalities by the state-of-the-art infrastructure, time consciousness, quick response and the best academic practices through assessment and advice.

**Nature of governance, perspective plans and participation of the teachers in the decision making bodies of the institution.**

**Governing Council** The institution is managed by a Governing Council consisting of eminent members of the management, renowned academicians, eminent industrialists and prominent

educationalists.

Participation of the teachers in the decision making bodies: The Principal is the head of both the academic and administrative bodies including IQAC. The Principal is the member secretary of the Governing Council of the institution.

There are various other committees and cells supporting the Governance.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/vision/">https://www.vsbec.com/vision/</a>
Upload any additional information	<a href="#">View File</a>

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

The institution promotes a culture of decentralization and participative management at various levels. The management, Principal, faculty members and the students play an important role in participative management. They have the freedom to suggest ideas and can provide constructive feedback on the operational activities of the institution.

The management involves maintaining the quality and welfare aspects of the institution. The Principal executes all the academic as well as non-academic activities effectively by involving HoDs and faculty through various committees and delegates various roles to the members in the committee to act autonomously. The office administration is supervised by the Administrative Officer and Office Manager. All faculty meeting with Principal is conducted every month to disseminate the policies and decisions to all.

HoDs have privileges in proposing the budget, framing timetable, subject allocation, assigning the department coordinators for various committees, conduct of national and international events, organizing seminars and workshops, arranging industrial visits, in-plant training and helps in manifesting the vision and mission.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/principals-message/">https://www.vsbec.com/principals-message/</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has prepared a strong Strategic plan for 5 years and formulated objectives very clearly. OBJECTIVE 1: Achieving academic excellence by nurturing experiential learning through ICT. OBJECTIVE 2: Exploration of knowledge through innovation and research. OBJECTIVE 3: Exponents for the development of a well- rounded person with global vision & social responsibility. OBJECTIVE 4: Relentlessly pursue institutional effectiveness through quality assurance systems. The outcome of perspective plan of the institution

- NBA accreditation.
- NAAC accreditation.
- Permanent affiliation.
- 2f and 12B Status.

#### Strategic Plan (Vision 2022): Next three year Plan

- To centralize the administrative activities with the latest technological aids.
- To introduce more job oriented value-added courses to meet the current requirements of the job
- To strengthen tie-ups with the academic community and industries.
- To take initiatives to place the institution in national/international rankings.

Deployment: The Principal and the HoDs continuously ensure that the vision is deployed efficiently by promoting value-based quality education with ethical values.

- Encouraging faculty to upgrade their knowledge in line with the latest technology.
- Promoting research & development culture among faculty and students.
- Encouraging tie-up with industry through MoUs.

- Encouraging participation of students in diversified activities to help them grow physically, emotionally and intellectually.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://vsbec.com/wp-content/uploads/2023/07/6.2.1.pdf">https://vsbec.com/wp-content/uploads/2023/07/6.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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 organization chart provides the functional and relational hierarchy of the institution. Chairman looks after all the functions including academic, administrative and developmental activities. Under the guidance of Chairman, Vice Chairman and Secretary help to maintain the management system. The Principal is the main coordinator communicates the management decisions to all the faculty and students. The Principal heads the Academics, Cell/Committees, Hostel, Placement and Administrative Office. HoDs are responsible for overall department activities including budgets, academics and student improvement programs.

Various bodies like Governing Council, IQAC, Internal Complaint Committee, women empowerment cell, Grievances Redressal Committee, Anti-ragging Committee, Discipline committee, Sports committee, R&D cell are in place to ensure the effective and efficient implementation of policies.

Service rules, procedures, recruitment, promotional policies are uploaded to the institution website (<https://www.vsbec.com/downloads/>). These are transparent to all the faculty. Faculty members are the ones who transform the students as skilled engineers. Taking this into consideration, a systematic approach is followed to ensure the appointment of efficient faculty. The performance of faculty is monitored through the performance appraisal system annually.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2020/01/7.1.12-Students-Code-of-Conduct-1.pdf">https://www.vsbec.com/wp-content/uploads/2020/01/7.1.12-Students-Code-of-Conduct-1.pdf</a>
Link to Organogram of the institution webpage	<a href="https://www.vsbec.com/wp-content/uploads/2019/09/6.2.2 -Staff-hand-Book.pdf">https://www.vsbec.com/wp-content/uploads/2019/09/6.2.2 -Staff-hand-Book.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

## 6.3 - Faculty Empowerment Strategies

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

Yes, the institution has welfare measures for both teaching and non-teaching staff. Welfare measures for Teaching Staff:

Free staff Quarters /Hostel facility Stipend for Research oriented achivements like publications, patent, NPTEL courses, Funding, etc, Free Transportation to all faculty. Faculty are eligible for pursue higher studies Employees Provident Fund (EPF) is provided all the employees. All staff members are covered under Group Insurance Policy. Prompt facilitation of Provident Fund loans.

Welfare measures for Non-Teaching Staff: Free Hostel Facility Free transpotation facility for all faculty and staff Employees

Provident Fund (EPF) is provided all the employees. Financial contribution by college to the Non-Teaching Staff Association Fund Prompt facilitation of Provident Fund loans. Help with facilitation of bank loans. Value added programmes organised for non-teaching staff to upgrade technical skills.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/6.3.1-20-21.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/6.3.1-20-21.pdf</a>
Upload any additional information	<a href="#">View File</a>

### **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**

1

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)	<a href="#">View File</a>

### **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**

1

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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

#### **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**

**96**

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

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

**A separate Performance Appraisal System was in place for the teaching and non- teaching staff members. Different parameters were monitored like their academic performance, publications,**



patents, funds, FDPS attendend, NPTEL and other online courses. Based on their performance evaluation it will be made each year.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/6.3.5-Self-Appraisal-Non-Teachnig-20-21.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/6.3.5-Self-Appraisal-Non-Teachnig-20-21.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 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

Yes. The college has a well-structured mechanism for internal and external financial audits. An internal audit approval system is in place for all department expenses. The internal financial audit is done by the accounts department of the institution. A chartered accountant (external auditor) prepares the balance sheet as per statutory requirements annually and files the returns with the income tax department. The mechanisms used to monitor effective and efficient use of financial resources are as below: Before the commencement of every financial year, the principal submits a proposal on budget allocation, considering the recommendations made by the heads of all the departments, to the management. The college budget includes recurring expenses such as salary, electricity, internet charges, maintenance costs, stationery, other consumable charges, etc., and non - recurring expenses like lab equipment purchases, furniture, and other development expenses. The expenses will be monitored by the accounts department as per the budget allocated by the management.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/External-Audit_merged_compressed-1.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/External-Audit_merged_compressed-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 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)	No File Uploaded

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

Sources of funds are as follows: Tuition Fees: Fees charged as per the university and government norms from the students.

Government Scholarship: Government of Tamilnadu offers various scholarship grants like First Graduate Fees, SC/ST Scholarship Fees and also the institution applied to the BC and MBC scholarship to the benefits of students.

Institution Scholarship: Our Institution provides scholarships to economically background students who secured more than 7.5 CGPA in all semesters without arrears. We received funds from Stakeholders, non-government bodies, individuals and Sponsors.

Our resource mobilization policy and procedures are as follows: The IQAC and Finance Committee keep an eye on how money is being mobilised and ensure that it is being used for the intended purpose. The Finance Committee frequently reviews the use of various sources and the raising of funds during its sessions. The purchasing committee ensures that transactions are legal and in line with regulations. Students who received the highest grade and were class top performers on the final exam are awarded prizes by the institution. Regular internal audits and external audits performed by a Chartered Accountant ensure that the resources are mobilised correctly. The Library Advisory Committee sees to it that the library's resources are used to their full potential. The in-charge of the department's

timetable oversees the efficient use of classrooms and laboratories. The Housekeeping Department keeps an eye on how well the campus is maintained and used. The principle gives instructions to ensure the best possible use of resources

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/External-Audit_compressed.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/External-Audit_compressed.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

Through innovative, comprehensive, and flexible education policies, our institution strives to shape the total quality person by maintaining a consistent focus on imparting quality education. Its Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the institute's functioning. The IQAC at VSBECE has been performing the following tasks on a regular basis: 1. Improvement in the quality of teaching and research through regular input from all parties involved based on student feedback. 2. Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff. 3. Providing inputs for academic and administrative audits and analysis of results for improvement in areas found weak. IQAC led the efforts to acquire the ISO certifications in the last five years. 1. The Institute IQAC planned, organized, and executed the necessary steps that included the preparation of detailed quality manuals, identification of key performance indicators, and mapping the various processes across the entire functioning of the Institute, which finally led to the successful award of the ISO 9001:2015 certification. 2. The IQAC led efforts toward the successful implementation of modern technology in the institute's administrative functioning through ICT and alternative sources of energy.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/6.5.1.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/6.5.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The main body of the institution, IQAC, frequently reviews and oversees the teaching-learning process. Numerous novel initiatives and reforms were developed in response to feedback. The changes made as a result of feedback are as follows:

**Academic Calendar:** The Institute plans the academic calendar based on the academic calendar for colleges well in advance at the beginning of the year, leaving enough time for both the regular teaching-learning process and the various events, such as seminars, guest lectures, workshops, FDPs, hands-on series, and more. Preparation of lesson plan for each Semester: Each semester's lesson plans are created by the faculty members who will be teaching all of the disciplines during that semester. adding guest lecturers, business visits, and internships to the curriculum. Daily lecture Record: Every day, professors prepare lectures and enter information about the lectures and topics they cover on an online ERP site. Student learning outcomes: The institute routinely assesses each student's performance. Data collection and analysis for student learning outcomes follow a set protocol. Effective internal examination and evaluation systems: institute has a system for internal assessment and evaluation that is effective.

File Description	Documents
Paste link for additional information	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/6.5.2_compressed-1.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/6.5.2_compressed-1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**B. Any 3 of the above**

**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)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.vsbec.com/wp-content/uploads/2022/03/VSB-AQAR-2019-2020.pdf">https://www.vsbec.com/wp-content/uploads/2022/03/VSB-AQAR-2019-2020.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

The institution is dedicated to equipping students with strong discipline and a passion for continuous learning. It fosters respect for diverse cultures, instills social responsibility, and raises awareness of civic duties. Gender sensitivity is prioritized, ensuring equal opportunities for both women and men to exercise their human rights and fulfill their potential. Female faculty members work harmoniously in a morally sound environment.

To ensure safety and security, the institution maintains a vigilant approach. A hostel committee handles the safety of hostellers, with security guards monitoring the girls' hostel round the clock. Transport safety is prioritized, with buses available for students engaged in various activities. An Anti-Ragging Committee and Squad work diligently to maintain a ragging-free campus.

The institution values the well-being of women students and staff, establishing an Internal Complaints Committee for their

security. A decent dress code is maintained, promoting a professional atmosphere. Extensive surveillance is carried out through 149 CCTV cameras placed strategically across the campus.

Faculty members act as mentors, guiding and supporting students through their academic journey. Regular counseling sessions address personal and academic challenges, and parents are informed of students' progress and concerns.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/7.1.1.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/7.1.1.pdf</a>
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	<a href="https://www.vsbec.com/wp-content/uploads/2023/07/7.1.1-a.pdf">https://www.vsbec.com/wp-content/uploads/2023/07/7.1.1-a.pdf</a>

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

**B. Any 3 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

Our institution is dedicated to maintaining an eco-friendly campus, evident through our strong waste management practices. With a team of over 40 staff members, we ensure the campus and hostels remain clean and tidy. Recyclable materials, like examination papers, are responsibly sent to local recycling vendors, while one-sided papers find reuse for rough work. Non-biodegradable wastes, such as metals and scraps, are minimized through repair and reuse, with any unavoidable disposals handled

responsibly by authorized scrap agents.

Liquid waste management is equally prioritized, with a sewage water treatment plant meeting state pollution control standards. Sewage from the college and hostels undergoes proper treatment before being used to nourish the greenery on campus through a separate pipeline system.

Our institution's approach to e-waste management ensures minimal generation of e-waste. Regular maintenance of computers, printers, and laboratory equipment reduces the need for disposal, which occurs only when items are beyond repair. The collected e-waste is then sold to authorized vendors when sufficient quantities accumulate.

Recognizing our efforts, the Tamilnadu Pollution Control Board has certified our institution as a pollution-free environment. Committed to a green and sustainable campus, we continue to invest in waste management systems to uphold our eco-friendly principles.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

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

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

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for**

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



<b>greening the campus are as follows:</b> <ol style="list-style-type: none"> <li><b>1.Restricted entry of automobiles</b></li> <li><b>2.Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3.Pedestrian-friendly pathways</b></li> <li><b>4.Ban on use of plastic</b></li> <li><b>5.Landscaping</b></li> </ol>	
<b>File Description</b>	<b>Documents</b>
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<b>No File Uploaded</b>
Any other relevant documents	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>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>	<b>E. None of the above</b>
<b>File Description</b>	<b>Documents</b>
Reports on environment and energy audits submitted by the auditing agency	<b>No File Uploaded</b>
Certification by the auditing agency	<b>No File Uploaded</b>
Certificates of the awards received	<b>No File Uploaded</b>
Any other relevant information	<b>No File Uploaded</b>
<b>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,</b>	<b>B. Any 3 of the above</b>



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

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

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).

The institution takes conscious effort to build and promote an inclusive environment that demonstrates tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

By commemorating many National and International days like Teachers Day, Women's Day, Environmental day, Yoga Day the institution aims at bringing tolerance and harmony among the students and staff and other stakeholders.

As VSBEC believes in unity in diversity the College organizes Cultural programmes, Orientation programme, Sports day to sensitize the students on values like democracy, secularism, tolerance and inclusiveness. Community service and reach out programmes are conducted through various clubs which instil a sense of social responsibility. Events such as planting of tree saplings to enhance the green cover, conduct of health camps, awareness programme regarding dangers of COVID 19 were conducted.

Regional festival Pongal is celebrated inside the campus to

establish positive interaction among Staff and students who belong to diverse backgrounds.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institution undertakes different initiatives by organizing various activities to sensitize students and employees to their constitutional obligations: values, rights, duties and responsibilities of citizens. A subject, "Indian Constitution and Society" has been made as a mandatory course for UG degree students in the college since 2018. The students gain knowledge on Indian constitution and fundamental rights, functions of the union and state governments, Judicial system and Election commission.

Further, courses such as Professional Ethics and EVS highlight to the students the need for a commitment towards ethical practices in their profession and also the importance of improving our environment to prevent further deterioration in the ecosystem.

The course Human Relations, Values and Ethics emphasizes on the basics of Value Education and the importance of human values. The courses on Solid Waste Management and Municipal Solid Waste Management make the students conversant with the sources, generation and the process of disposal of wastes. The course on Water Resources Engineering enables the students to have an understanding of the basics of surface and groundwater hydrology.

Various associations of the Institution comprising the wings of NCC, the NSS, RRC, YRC, CARE conduct several activities for inculcating values towards becoming responsible citizens.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://www.vsbec.com/wp-content/uploads/2019/09/7.1.15-A-V.S.B-LINK.pdf">https://www.vsbec.com/wp-content/uploads/2019/09/7.1.15-A-V.S.B-LINK.pdf</a>
Any other relevant information	Nil

**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. 4. Annual awareness programmes on Code of Conduct are organized**

**A. All of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**India is known worldwide for its cultural diversity and colorful festivals. VSB students are on a mission towards better India. They come together breaking the boundaries of religion and caste. National Festivals: YES, every year, our institution organizes national festivals such as Independence Day, National Yoga Day, Republic Day, Teachers Day, Women's Day and so on. These days are celebrated by arranging various competitions and guest lecturers for students. educationists**

**Birth/ Death Anniversaries of the Great Indian Personalities**  
 Death and birth anniversary of great personalities and important days of national and international events are celebrated in inclination to their values and virtues. The institution celebrates these days of national importance to recall the events or contributions of our great leaders in building the nation.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### Best Practice I: Executive Meeting with Top Management

The Executive Meeting with Top Management was introduced in 2017-18 for academic and non-academic leaders, aiming to provide transparency and empowerment. Weekly meetings set targets for activities, monitored by the top management, fostering continuous growth and motivation. The practice resulted in remarkable progress, improved departmental performance, and the emergence of strong leaders. Transparency in reporting through daily and monthly reports enhances accountability and corrective actions. The practice promotes teamwork, positive synergy, and a competitive spirit among stakeholders, contributing to the institution's success.

### Best Practice II: Skill Development Training for Employability

To bridge the industry-academia gap, a skill development training program was designed, enabling students to enhance coding, technical, and communication skills. Regular lab sessions and expert-led mock interviews improve employability. The Training and Placement cell arranges technical seminars and personality development programs. The practice led to increased placements and higher pay packages for students. Evidence of

success includes students' successful placements and 1111 offers in top companies during 2020-21. The institution's commitment to skill-oriented courses strengthens employability.

Both best practices demonstrate the institution's dedication to excellence and preparing students for successful careers.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.vsbec.com/placement-details/">https://www.vsbec.com/placement-details/</a>
Any other relevant information	<a href="https://www.vsbec.com/placement-details/">https://www.vsbec.com/placement-details/</a>

### 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

The institution's core focus on academic excellence and successful placements sets it apart from others. It aims to nurture learning skills aligned with future demands, integrating ICT, human values, and strong stakeholder relationships for holistic development. The goal is to create virtuous, innovative individuals capable of serving humanity with initiative.

Promoting self-discipline, accountability, and democratic values, the college provides top-notch amenities for technical skills, academics, and extracurricular activities. With an impressive 93.47% overall pass percentage in Anna University exams, it consistently ranks among the state's top ten colleges.

The Training and Placement cell plays a vital role, preparing students for interviews and focusing on employability skills from the second year. Beyond academics, students benefit from guest lectures, technical seminars, and state-funded projects to explore their creativity.

The institution's infrastructure, including well-equipped classrooms, labs, smart classrooms, and sports facilities, fosters a conducive academic environment. VSBEC strives for global standards through value-adding education and interdisciplinary research, contributing to sustainable development. Overall, the institution's dedication to excellence distinguishes it and shapes well-rounded, successful individuals.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

#### ACTION PLAN:

1. Centre of excellence for all the departments including allied departments.
2. To get more research grants from Government and Non-Government organizations.
3. To get good star rating in Institute Innovation Council-MHRD initiative
4. Lab-centered theory classes.
5. To strengthen Alumni Association and parents-teachers association.
6. Academic and Administrative Audit (AAA) and initiation of follow up action.
7. Introduction of new regulations with industry collaboration and student exchange with international universities.