



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		V.S.B. ENGINEERING COLLEGE
• Name of the Head of the institution	Dr. B. SENTHILKUMAR	
• Designation	PROFESSOR	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	9585595212	
• Alternate phone No.	6384014201	
• Mobile No. (Principal)	9585595212	
• Registered e-mail ID (Principal)	principal@vsbec.com	
• Address	NH-67,Coimbatore Road, Karudayampalayam Post,	
• City/Town	Karur	
• State/UT	Tamilnadu	
• Pin Code	639111	
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)	01/02/2023	
• Type of Institution	Co-education	
• Location	Rural	

• Financial Status	UGC 2f and 12(B)				
• Name of the IQAC Co-ordinator/Director	Dr. K. KAVITHA				
• Phone No.	6384078620				
• Mobile No:	9944535635				
• IQAC e-mail ID	iqac@vsbec.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://www.vsbec.org/wp-content/uploads/2024/05/AOAR-2022-2023.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.vsbec.org/wp-content/uploads/2024/07/New-Academic-schedule-for-IIIII-and-IV-Year_08.07.2024.xls				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.96	2020	14/02/2020	31/12/2027
6.Date of Establishment of IQAC			14/06/2016		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				

9.No. of IQAC meetings held during the year	4
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
10.Did IQAC receive funding from any funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> 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	
Achieved 3.5 star rating in IIC of the college	
12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:	
Plan of Action	Achievements/Outcomes
To implement outcome based education effectively	Outcome based Education is successfully implemented
13.Was the AQAR placed before the statutory body?	No
<ul style="list-style-type: none"> Name of the statutory body 	

Name of the statutory body	Date of meeting(s)
Nil	Nil
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> • Year 	
Year	Date of Submission
2022-2023	15/03/2024
15. Multidisciplinary / interdisciplinary	
<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., In addition to the curriculum, various clubs such as Science club, Music Club, Multimedia Club, Energy Club, Rotaract 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.</p>	
16. Academic bank of credits (ABC):	
<p>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</p>	

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 SWAYAMNPTEL, 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	16
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1	3977
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	807
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3	3900
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1	1573
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	254
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	254
4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	800
4.2 Total number of Classrooms and Seminar halls	68
4.3 Total number of computers on campus for academic purposes	719
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1513.8267

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude. Ensuring academic quality is the design of the curriculum. The Course Outcomes (COs) for every course is mapped with the Program Outcomes (POs) of NBA and the Program Specific Outcomes (PSOs) of the program. An effective implementation of this Outcomes Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by NBA, and hence can compete on a global platform, and have expected global attributes.

The proposed curriculum is then discussed and put forth to BOS (Board of Studies) where the experts from industry, academia, Alumni in addition to senior faculty members and the same is then placed under Academic Council for approval. Effective curriculum delivery is practiced through a process given below:

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

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/01/index/1.1.1%20index.pdf

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

0

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

120

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

1.2 - Academic Flexibility

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

0

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

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

16

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

1.3 - Curriculum Enrichment

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

As an affiliated institution of Anna University, Chennai, Manyefforts 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 students of all genders in terms of admissions, training, mentoring, employment, and sports activities. So gender issues do not arise. Environment & Sustainability VSBE is a green campus, that 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. A 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 courses on professional ethics in engineering that enable 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
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

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

18

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

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

1834

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

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

1702

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

1.4 - Feedback System

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

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/01/index/1.4%20index.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following **B. Feedback collected, analysed and action taken**

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/01/index/1.4%20index.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

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

1217

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

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

712

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

2.2 - Catering to Student Diversity

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

It appears to be a detailed academic report addressing the policies and practices for supporting slow learners and fast learners within an educational institution for the academic year 2023-2024.

Key components:

1. Slow learners:

- **Policy framework:** outlines the institution's strategies to identify and assist slow learners, including mentorship, additional coaching, and tailored assessments.
- **Performance analysis:** includes data on weak students' performance in university exams, internal tests, attendance, and grades.
- **Support initiatives:** details additional measures such as coaching class timetables and targeted interventions to

improve learning outcomes.

- **Documentation:** provides lists of identified slow learners, attendance records, and consolidated test marks.

2. Fast learners:

- **Policy framework:** defines approaches to challenge and further develop high-performing students through advanced learning opportunities.
- **Scholarships and achievements:** documents scholarship details, university exam performances, and extracurricular participation.
- **Mentorship:** highlights individual mentoring forms and performance tracking.

Purpose:

It serves as a comprehensive tool for evaluating, supporting, and documenting the academic progress of both slow and fast learners. It includes performance statistics, intervention strategies, and institutional efforts to promote equitable and effective education.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.2.1%20INDEX.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
12/07/2023	3977	254

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Student-centric methods place learners at the core of the educational process, emphasizing their needs, interests, and active

involvement. These approaches transition from teacher-led instruction to empowering students as active participants, promoting critical thinking, creativity, and collaboration.

Key Student-Centric Methods

1. **Active Learning:** Involves students in activities like discussions, problem-solving, and role-playing. Laboratory sessions, innovative projects, and extensive use of library resources help students develop hands-on skills.
2. **Experiential Learning:** Focuses on learning through real-world experiences such as field trips, internships, and hands-on projects, bridging theory and practice.
3. **Inquiry-Based Learning:** Encourages students to ask questions and explore topics through guest lectures, workshops, and problem-solving exercises, enhancing curiosity and critical thinking.
4. **Collaborative Learning:** Fosters teamwork and interpersonal skills through group projects, peer teaching, and domain-specific industry visits.
5. **Flipped Classroom:** Students study lesson materials like NPTEL videos or readings at home and engage in interactive classroom activities such as discussions and applications.

Benefits of Student-Centric Methods

- Encourages deeper understanding and critical thinking.
- Motivates students and fosters ownership of learning.
- Builds collaboration and communication skills.
- Accommodates diverse learning styles and paces.

By adopting student-centric methods, educators create an inclusive, dynamic environment, preparing students for lifelong success.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.3.1%20INDEX.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning
Information and Communication Technology (ICT) tools have revolutionized education by enhancing interactivity, accessibility,

and efficiency. These tools blend technology with teaching to improve outcomes and address traditional challenges.

Key ICT-Enabled Tools in Education

- **Learning Management Systems (LMS):** Platforms like Moodle, Google Classroom, and Blackboard enable course management, resource sharing, assessments, and feedback, supporting blended and online learning.
- **Interactive Whiteboards:** Tools like Smart Boards allow multimedia display, annotation, and interaction, making lessons engaging and visually dynamic.
- **Multimedia Tools:** Platforms like PowerPoint and YouTube simplify complex concepts and cater to visual learners with videos and animations.
- **Collaborative Tools:** Applications like Microsoft Teams, Zoom, and Google Meet enable remote learning and real-time collaboration, it supports teamwork and peer interaction.
- **Mobile Apps:** Learning apps provide subject-specific resources, enhancing skills and enabling flexible learning.
- **AI Tools:** AI-powered systems like Grammarly and adaptive platforms offer personalized feedback and track student progress.

Benefits of ICT-Enabled Tools

- **Engagement:** Interactive elements sustain interest.
- **Personalization:** Adaptive technologies suit individual learning styles.
- **Accessibility:** Remote tools break geographical barriers.
- **Efficiency:** ICT streamlines tasks like grading and attendance.

By integrating ICT-enabled tools, education evolves into a modern, inclusive, and dynamic system, preparing students for a technology-driven world.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.3.2%20INDEX.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

237

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

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

The institution demonstrates a well-structured approach to academic management, ensuring the preparation and strict adherence to the academic calendar and teaching plans. This document highlights the practices followed during the academic year 2023-2024 in the Department of Chemical Engineering, V.S.B. Engineering College.

1. **Academic Calendar:** The academic calendar encompasses critical activities such as semester commencements, unit completions, internal tests, holidays, and evaluation milestones. All planned activities were executed as scheduled, emphasizing timely implementation and adherence.
2. **Lesson Plans:** Faculty members prepare detailed lesson plans for all units, specifying course objectives and supporting materials. These plans are verified and approved by the HoD and Principal to ensure alignment with institutional standards.
3. **Continuous Evaluation:** Internal tests, retests, assignments, and consolidated progress reports form a robust evaluation system. Student performance is communicated regularly to parents through SMS, notice boards, and parent-teacher meetings.
4. **Student-Centric Practices:** Initiatives such as induction programs, timely distribution of learning materials, and feedback mechanisms ensure active student engagement and support their academic progression.
5. **Compliance and Accountability:** Every planned activity is monitored, documented, and reviewed, reflecting the institution's commitment to maintaining academic rigor and transparency.

This systematic approach supports quality assurance in teaching,

learning, and evaluation processes.

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

2.4 - Teacher Profile and Quality

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

254

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

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

66

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

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

787

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

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

28

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

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

74

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

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

The Exam Cell is a key administrative unit in educational institutions, responsible for managing all examination-related activities. It ensures fair, transparent, and efficient evaluation processes, playing a vital role in maintaining academic standards.

Key Functions

1. Examination Planning

- Schedules internal assessments, midterms, and final exams.
- Assigns exam venues and seating arrangements.
- Collaborates with departments to finalize question papers and marking schemes.

2. Conducting Examinations

- Distributes question papers and answer sheets securely.

- Appoints invigilators to ensure smooth exam conduct.
 - Monitors exam guidelines to prevent malpractice.
3. Result Processing
- Coordinates with faculty for answer script evaluation.
 - Tabulates and forwards results for approval.
 - Prepares and distributes mark sheets and grade reports.
4. Record Maintenance
- Keeps records of schedules, results, and exam documents.
 - Ensures secure storage of sensitive materials.

Significance

The Exam Cell upholds academic integrity by ensuring fairness in the evaluation process. Its careful operations lead to accurate evaluations, which are crucial for students' academic progress.

Challenges and Solutions

Challenges like tight schedules and large-scale exam management are addressed through advanced technologies, such as automated exam systems, enhancing efficiency and accuracy.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.5.3%20INDEX.pdf

2.6 - Student Performance and Learning Outcomes

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

The institution ensures that Programme Outcomes (POs) and Course Outcomes (COs) for all academic programs are clearly defined, systematically communicated, and effectively implemented.

1. Regulations 2023: The academic policies under the 2023 regulations are designed to support the institution's educational objectives, ensuring relevance and quality in academic delivery.
2. Vision and Mission: The institution's vision and mission emphasize imparting quality education, and preparing students for global ethical challenges.
3. Programme Educational Objectives (PEOs), Programme Outcomes

(POs), and Programme Specific Outcomes (PSOs): The PEOs, POs, and PSOs align with institutional goals and define the competencies students are expected to achieve. These outcomes focus on knowledge and skills.

4. Curriculum and Syllabus: A well-structured syllabus for all courses and semesters aligns academic content with the learning outcomes, ensuring coherence and relevance.
5. Communication Mechanism: POs and COs are prominently displayed on the institution's website for the students and faculty. Dedicated sessions are conducted to reinforce these outcomes among all stakeholders.

It reflects the institution's commitment to maintaining academic excellence and fostering a student-centric learning environment.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.6.1%20INDEX.pdf

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

The document outlines a comprehensive evaluation framework for the attainment of Programme Outcomes (POs) and Course Outcomes (COs) in an educational institution. It aligns with the institution's vision to foster technical excellence and the department's mission to produce competent engineers.

Key components include:

1. POs and PSOs Definition: Program Outcomes focus on applying engineering knowledge, problem analysis, ethical practices, and life-long learning. Program-Specific Outcomes (PSOs) emphasize addressing societal problems, software development, and career readiness in Computer Science.
2. CO-PO Mapping: Each course's outcomes are systematically mapped to relevant POs and PSOs, ensuring the curriculum addresses broad educational goals. For instance, C Programming maps COs like modular programming and data structures to POs such as modern tool usage and problem-solving.
3. Assessment Tools: Evaluation comprises assignments, internal

tests, and university examinations. Attainment levels are measured against predefined thresholds of student performance, categorized into levels 1-3.

4. **Direct and Indirect Attainment:** Direct assessments focus on test scores, while surveys and feedback provide indirect insights into the effectiveness of learning outcomes.

This structured approach ensures continuous improvement, enabling the institution to measure educational impact effectively and foster academic excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.6.2%20INDEX.pdf

2.6.3 - Pass Percentage of students

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

725

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.6.3%20INDEX.pdf

2.7 - Student Satisfaction Survey

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

<https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.7.1%20INDEX.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research Promotion Policy

Preamble:

The preamble of the research policy promotion at V.S.B. Engineering College, Karur underscores the institution's dedication to advancing knowledge, fostering innovation, and addressing societal challenges through rigorous research. The policy aims to cultivate a thriving research environment by supporting academic inquiry, interdisciplinary collaboration, and ethical research practices. It highlights the institution's commitment to providing adequate resources, funding opportunities, and infrastructure to empower faculty, researchers, and students. Furthermore, it emphasizes the importance of disseminating research outcomes to benefit the broader community and contribute to global progress. Through this policy, V.S.B. Engineering College, Karur aspires to strengthen its role as a leader in research excellence and a catalyst for transformative change.

Research Promotion Policy:

To promote a culture of research, innovation, and academic inquiry. This policy aims to foster an environment that supports high-quality research, ethical practices, collaboration, and the dissemination of knowledge to address societal and global challenges.

1. Objectives

1. To encourage and support faculty, researchers, and students in conducting innovative and impactful research.
2. To motivate all the Faculty members are to do research in science, Engineering and Technology.
3. To ensure ethical standards and integrity in all research activities.
4. To promote interdisciplinary collaboration within and beyond the institution.
5. To facilitate access to funding, resources, and research infrastructure.
6. To recognize and reward research excellence.
7. To enhance the dissemination of research outcomes through publications, conferences, and community engagement.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/3.1.1%20documents.pdf
Any additional information	View File

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

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

0.39

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

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

1

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

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

0.3

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

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/INDEX/3.2.2.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

11

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

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://drive.google.com/file/d/13xQPFOsKAmL-tV2Lmc2A7XzDv4c0WYv0/view?usp=drive_link
Any additional information	View File

3.3 - Innovation Ecosystem

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

At V.S.B.Engineering College, Karur, the institution has developed a vibrant ecosystem that fosters innovation, knowledge creation, and effective knowledge transfer, supported by dedicated centers for research, entrepreneurship, community orientation, and incubation.

The college's Research Center encourages both faculty and students to engage in interdisciplinary research aimed at addressing contemporary challenges, with an emphasis on producing research that is both academically rigorous and socially relevant. Through its Entrepreneurship Development Cell (EDC), the college promotes entrepreneurial thinking by providing mentorship, workshops, and resources that help students transform innovative ideas into viable business ventures.

The Community Outreach Programs focus on empowering students to engage in social responsibility projects, working on initiatives that tackle pressing issues like sustainability, health, and education in local and global communities. Additionally, the Incubation Center nurtures student startups, offering them necessary support such as seed funding, expert guidance, and infrastructure to transform ideas into marketable solutions. These interconnected centers create a robust environment that not only enhances academic growth but also bridges the gap between research, entrepreneurship, and social impact.

This ecosystem is a cornerstone of V.S.B.Engineering College, Karur NAAC work, showcasing the institution's commitment to academic excellence, holistic student development, and contributing meaningfully to societal progress.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/INDEX/3.3.1.pdf

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

21

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

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software C. Any 2 of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

1

File Description	Documents
URL to the research page on HEI website	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/3.4.2%20Authentication%20of%20Principal.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

65

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

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

20

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/INDEX/3.4.4.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

1128

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

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

3.4.6.1 - h-index of Scopus during the year

188

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

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

3.69

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

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

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

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

Extension activities carried out in the neighborhood play a vital role in sensitizing students to social issues and fostering their holistic development. These activities, such as community clean-ups, awareness campaigns on environmental sustainability, workshops on gender equality, and visits to old age homes or orphanages, provide students with practical exposure to real-world challenges. By engaging directly with diverse community groups, students develop empathy, social responsibility, and teamwork skills. Such experiences nurture their critical thinking and problem-solving abilities while promoting inclusivity and ethical values. As a result, these initiatives not only contribute to societal well-being but also shape students into conscientious, well-rounded individuals equipped to make meaningful contributions to society.

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

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

3

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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

12

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

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

100

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

3.7 - Collaboration

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

1094

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

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

41

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

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 WIFI 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
- Ventilated 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	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.1.1..pdf

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

SPORTS AND GAMES 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. Carrom 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
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.1.2..pdf

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

69

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

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

1513.826703

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

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

The library has an Integrated Management System called LipsDolphin (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, eJournals, 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	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.2.1..pdf

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

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

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

4.33

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

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

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

815

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

4.3 - IT Infrastructure

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

The 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.

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

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.3.1..pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3977	719

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

414.116684

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

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

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	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.4.2..pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

3132

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

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

446

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

B. Any 3 of the above

File Description	Documents
Link to Institutional website	https://www.vsbcetec.com/naacdocs/c5/5.1.3/5.1.3_mainindex.pdf
Details of capability development and schemes	View File
Any additional information	View File

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

1895

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

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

B. Any 3 of the above

committees

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

5.2 - Student Progression**5.2.1 - Number of outgoing students who got placement during the year**

617

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

5.2.2 - Number of outgoing students progressing to higher education

01

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

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year**5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

0

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

5.3 - Student Participation and Activities

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

25

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

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

Students of VSBECE 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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/05/index/5.3.2%20index%20committee.pdf

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

35

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

5.4 - Alumni Engagement

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

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
Upload any additional information	View File
Paste link for additional Information	https://www.vsbceetc.com/naacdocs/c5/5.4.1/5.4.1_index.pdf

5.4.2 - Alumni's financial contribution during the year D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The 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 selfconfidence 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
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.1.1.pdf

6.1.2 - Effective leadership is reflected 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, inplant training and helps in manifesting the vision and mission.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.1.2.pdf

6.2 - Strategy Development and Deployment

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

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 wellrounded 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 for all eligible departments.

Permanent affiliation.

2f and 12B Status.

Strategic Plan (Vision 2024): 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	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.2.1.pdf
Upload any additional information	View File

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

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.org/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 to Organogram on the institution webpage	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/Organisation%20chart.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.2.2.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

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

achievements 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 transportation 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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.3.1.pdf

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

128

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

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

4

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

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

161

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.4.1.pdf

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

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation 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
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.4.3.pdf

6.5 - Internal Quality Assurance System

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

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 VSBEC 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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.5.1.pdf

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

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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.5.2.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other

A. Any 4 or all of the above

quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/Annual%20Report%20signed%20copy.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institution aims to equip students strongly in their discipline, continuous learners, respectful of different cultures, socially responsible, aware of their social and civic responsibilities, sensitive to gender issues with zero tolerance towards sexual harassment, women's safety and security and environmental consciousness. A) Safety and Security:

1. **Hostel Safety and Security:** A hostel committee, led by the chief warden, ensures that all policies related to hostel management are followed.

2. **Transport Safety and Security:** Transport services provided to students, especially outside regular hours, are designed to ensure maximum safety and security.

3. **Anti-Ragging:** An Anti-Ragging Committee with 8 faculty members and a 6-member Anti-Ragging Squad works actively to prevent ragging incidents.

4. **Internal Complaints Committee:** This ensures the safety and dignity of female students and staff by addressing sexual harassment and gender-based misconduct.

5. Dress Code: The institution enforces a respectful dress code for all students.

6. CCTV Surveillance: 150 CCTV cameras are installed to monitor both indoor and outdoor areas, ensuring the safety of students and faculty.

B) Common Room & Medical Facilities: Separate common rooms are available for boys and girls, along with essential medical services, including first aid kits and an on-site doctor.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/07/index/7.1.1_a.pdf

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

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

Solid Waste Management:

As an eco-friendly campus, our institution has a robust waste management system in place and strives to maintain a pollution-free and green environment. Over 40 dedicated staff members are involved in keeping the college campus and hostels clean and tidy. Recyclable wastes, such as examination papers, are collected regularly and supplied to local recycling vendors to prevent waste dumping. Non-biodegradable wastes, such as metals and other scraps, are comparatively minimal on our campus. These items are mostly repaired and serviced for reuse. In unavoidable circumstances, they are collected and supplied to authorized scrap agents.

Liquid Waste Management:

A sewage treatment plant has been installed on our campus, following the guidelines of the State Pollution Control Board. Sewage water is collected, treated in the plant, and the treated water is used for maintaining the green cover of plants and trees through separate pipelines.

E-Waste Management:

Computers, printers, laboratory equipment, etc., are regularly serviced and maintained. They are discarded only when they are completely non-functional, which happens rarely on our campus.

Our institution has been certified by the Tamil Nadu Pollution Control Board as a pollution-free environment.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

1. Restricted entry of automobiles

- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

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

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile

A. Any 4 or all of the above

path lights, display boards and signposts**Assistive technology and facilities for persons****with disabilities: accessible website, screen-reading software, mechanized equipment, etc.****Provision for enquiry and information:****Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

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

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

The institution actively fosters an inclusive environment that embraces and promotes tolerance and harmony across cultural, regional, linguistic, communal, socioeconomic, and other forms of diversity. Through the celebration of significant National and International observances such as Teachers' Day, Women's Day, Environment Day, and Yoga Day, the institution endeavors to cultivate a spirit of unity and mutual respect among students, staff, and other stakeholders.

Guided by the belief in "unity in diversity," the college organizes various events like cultural programs, orientation sessions, and Sports Day to instil values such as democracy, secularism, tolerance, and inclusiveness. Community outreach and service initiatives, carried out through multiple clubs, nurture a sense of social responsibility among students. Activities such as tree planting drives to enhance greenery, health camps, and awareness programs demonstrate the institution's commitment to societal well-being.

Furthermore, the celebration of festivals like Pooja within the campus fosters positive interactions and camaraderie among staff and students from diverse backgrounds, reinforcing a shared sense of belonging and unity.

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

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

The institution implements various initiatives and organizes activities to sensitize students and employees about their constitutional obligations, including values, rights, duties, and responsibilities as citizens. Students are educated on the Indian Constitution, fundamental rights, the functioning of union and state governments, the judicial system, and the Election Commission.

Courses such as Professional Ethics and Environmental Science and sustainability (ESS) emphasize the importance of ethical practices in professional life and the need for environmental conservation to combat climate change. The course Human Relations, Values, and Ethics introduces students to the fundamentals of value education and the significance of human values. Additionally, courses like Solid Waste Management and Municipal Solid Waste Management familiarize students with waste generation, sources, and disposal processes, while Water Resources Engineering provides an understanding of surface and groundwater hydrology.

Institutional associations such as NSS actively conduct various programs to instil values and nurture students into responsible citizens.

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

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

C. Any 2 of the above

organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

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

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

India is renowned worldwide for its rich cultural diversity and vibrant festivals. At VSB, students are united in their mission for a better India, transcending boundaries of religion and caste.

National Festivals: The institution proudly celebrates national festivals such as Independence Day, National Yoga Day, Republic Day, Teachers' Day, and Women's Day every year. These celebrations feature a variety of competitions and guest lectures designed to engage and inspire students.

Commemoration of Great Indian Personalities: The birth and death anniversaries of eminent personalities, along with significant national and international events, are observed to honor their values and virtues. These occasions serve as a reminder of the pivotal contributions of our great leaders in shaping the nation, instilling a sense of pride and purpose in students and staff alike.

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

7.2 - Best Practices

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

Best Practice I

1. Title of the Practice: Enhancing Industry-Institute Collaboration

2. Goal The primary objective of this practice is to establish and sustain robust collaborations with industries through Memorandums of Understanding (MoUs), Centers of Excellence, academic partnerships, industrial visits, and in-plant training. These efforts aim to foster innovation, bridge the gap between industry and academia, and contribute to economic development. Specific goals include:

- Defining specific, measurable, achievable, relevant, and time-bound objectives to enhance industry-institute collaboration.
- Encouraging interdisciplinary partnerships to address complex industry challenges.
- Equipping students with engineering skills aligned with industry requirements.
- Bridging the gap between industry needs and the academic curriculum.
- Ensuring students are job-ready upon program completion. Conducting external placement training led by experienced professionals.

Best Practice II

1. Title of the Practice Executive meeting with the top management.

2. Objectives of the Practice To provide transparency about the system and implementation process. To empower all the leaders of academic and non-academic departments. To review the progress of all targets assigned. 3. The Practice All academic and non-academic leaders meet in the presence of Top Management once in a week. 4. Evidence of Success The success of this strategy will be demonstrated through Remarkable progress in academic and nonacademic regular activities.

File Description	Documents
Best practices in the Institutional website	https://www.vsbec.edu.in
Any other relevant information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/07/index/7.2.1_a.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Good admission, academic record and Placement are distinctive and differentiates from the rest. The primary objective of the institution is the pursuit of academic excellence and placements. Training and placement cell is an integral part of our institution which ensures that the students are well trained and prepared to face their campus interviews effectively. Training is imparted to the students from their second year in employability skills. The institution has provided the best possible facilities in terms of infrastructure for teaching, learning and sports. The classrooms, laboratories, smart classrooms, group discussion halls, library, solved question bank for all the subjects and administrative office is highly conducive to the overall academic environment. The institution hosts fully equipped grounds for athletics, tennis, basketball, indoor badminton courts and volleyball courts. As a result, students have performed well in State and National level sports events and secured many medals and have brought laurels to the institution.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

The Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude. Ensuring academic quality is the design of the curriculum. The Course Outcomes (COs) for every course is mapped with the Program Outcomes (POs) of NBA and the Program Specific Outcomes (PSOs) of the program. An effective implementation of this Outcomes Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by NBA, and hence can compete on a global platform, and have expected global attributes.

The proposed curriculum is then discussed and put forth to BOS (Board of Studies) where the experts from industry, academia, Alumni in addition to senior faculty members and the same is then placed under Academic Council for approval. Effective curriculum delivery is practiced through a process given below:

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

File Description	Documents
Upload additional information, if any	View File
Link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/01/index/1.1.1%20index.pdf

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

0

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

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

120

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

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

0

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

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

16

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

1.3 - Curriculum Enrichment

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

As an affiliated institution of Anna University, Chennai, Manyefforts have been taken by the institution to focus on genderequality, environment, sustainability, climate change, humanvalues, and professional ethics. Gender Equality Equalopportunities are offered to students of all genders in terms ofadmissions, training, mentoring, employment, and sportsactivities. So gender issues do not arise. Environment &Sustainability VSBE is a green campus, that focuses on energyefficiency by preserving natural resources for healthy living anda good learning environment. The institution is surrounded by lushgreen 3000 trees and with more than 3000 birds. A rainwaterharvesting system, Sewage treatment plant, and RO water system arein place. The institution is certified by the Pollution ControlBoard and has received a sanitary certificate from the health department. Green campus award by Sakthi Devi Foundation receivedfrom the hands of Cabinet Minister. Human Values and ProfessionalEthics The curriculum covers courses on professional ethics inengineering that enable the students to learn human values, globalissues, moral leadership, code of conduct, and loyalty. Everyyear, Dr.Ragunath, a psychologist

conducts a motivational program on human values & life skills for first-year students.

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

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

18

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

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

1834

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

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

1702

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

1.4 - Feedback System	
1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above
File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/01/index/1.4%20index.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File
1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken
File Description	Documents
Provide URL for stakeholders' feedback report	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/01/index/1.4%20index.pdf
Any additional information	View File
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment of Students	
2.1.1.1 - Number of students admitted (year-wise) during the year	
1217	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)	

712

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

2.2 - Catering to Student Diversity

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

It appears to be a detailed academic report addressing the policies and practices for supporting slow learners and fast learners within an educational institution for the academic year 2023-2024.

Key components:

1. Slow learners:

- Policy framework: outlines the institution's strategies to identify and assist slow learners, including mentorship, additional coaching, and tailored assessments.
- Performance analysis: includes data on weak students' performance in university exams, internal tests, attendance, and grades.
- Support initiatives: details additional measures such as coaching class timetables and targeted interventions to improve learning outcomes.
- Documentation: provides lists of identified slow learners, attendance records, and consolidated test marks.

2. Fast learners:

- Policy framework: defines approaches to challenge and further develop high-performing students through advanced learning opportunities.
- Scholarships and achievements: documents scholarship details, university exam performances, and extracurricular participation.
- Mentorship: highlights individual mentoring forms and performance tracking.

Purpose:

It serves as a comprehensive tool for evaluating, supporting, and documenting the academic progress of both slow and fast learners. It includes performance statistics, intervention strategies, and institutional efforts to promote equitable and effective education.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.2.1%20INDEX.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
12/07/2023	3977	254

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

Student-centric methods place learners at the core of the educational process, emphasizing their needs, interests, and active involvement. These approaches transition from teacher-led instruction to empowering students as active participants, promoting critical thinking, creativity, and collaboration.

Key Student-Centric Methods

1. **Active Learning:** Involves students in activities like discussions, problem-solving, and role-playing. Laboratory sessions, innovative projects, and extensive use of library resources help students develop hands-on skills.
2. **Experiential Learning:** Focuses on learning through real-world experiences such as field trips, internships, and hands-on projects, bridging theory and practice.
3. **Inquiry-Based Learning:** Encourages students to ask questions and explore topics through guest lectures,

workshops, and problem-solving exercises, enhancing curiosity and critical thinking.

4. Collaborative Learning: Fosters teamwork and interpersonal skills through group projects, peer teaching, and domain-specific industry visits.
5. Flipped Classroom: Students study lesson materials like NPTEL videos or readings at home and engage in interactive classroom activities such as discussions and applications.

Benefits of Student-Centric Methods

- Encourages deeper understanding and critical thinking.
- Motivates students and fosters ownership of learning.
- Builds collaboration and communication skills.
- Accommodates diverse learning styles and paces.

By adopting student-centric methods, educators create an inclusive, dynamic environment, preparing students for lifelong success.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.3.1%20INDEX.pdf

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

Information and Communication Technology (ICT) tools have revolutionized education by enhancing interactivity, accessibility, and efficiency. These tools blend technology with teaching to improve outcomes and address traditional challenges.

Key ICT-Enabled Tools in Education

- Learning Management Systems (LMS): Platforms like Moodle, Google Classroom, and Blackboard enable course management, resource sharing, assessments, and feedback, supporting blended and online learning.
- Interactive Whiteboards: Tools like Smart Boards allow multimedia display, annotation, and interaction, making lessons engaging and visually dynamic.
- Multimedia Tools: Platforms like PowerPoint and YouTube

simplify complex concepts and cater to visual learners with videos and animations.

- **Collaborative Tools:** Applications like Microsoft Teams, Zoom, and Google Meet enable remote learning and real-time collaboration, it supports teamwork and peer interaction.
- **Mobile Apps:** Learning apps provide subject-specific resources, enhancing skills and enabling flexible learning.
- **AI Tools:** AI-powered systems like Grammarly and adaptive platforms offer personalized feedback and track student progress.

Benefits of ICT-Enabled Tools

- **Engagement:** Interactive elements sustain interest.
- **Personalization:** Adaptive technologies suit individual learning styles.
- **Accessibility:** Remote tools break geographical barriers.
- **Efficiency:** ICT streamlines tasks like grading and attendance.

By integrating ICT-enabled tools, education evolves into a modern, inclusive, and dynamic system, preparing students for a technology-driven world.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.3.2%20INDEX.pdf
Upload any additional information	View File

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

2.3.3.1 - Number of mentors

237

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

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

The institution demonstrates a well-structured approach to academic management, ensuring the preparation and strict adherence to the academic calendar and teaching plans. This document highlights the practices followed during the academic year 2023-2024 in the Department of Chemical Engineering, V.S.B. Engineering College.

1. **Academic Calendar:** The academic calendar encompasses critical activities such as semester commencements, unit completions, internal tests, holidays, and evaluation milestones. All planned activities were executed as scheduled, emphasizing timely implementation and adherence.
2. **Lesson Plans:** Faculty members prepare detailed lesson plans for all units, specifying course objectives and supporting materials. These plans are verified and approved by the HoD and Principal to ensure alignment with institutional standards.
3. **Continuous Evaluation:** Internal tests, retests, assignments, and consolidated progress reports form a robust evaluation system. Student performance is communicated regularly to parents through SMS, notice boards, and parent-teacher meetings.
4. **Student-Centric Practices:** Initiatives such as induction programs, timely distribution of learning materials, and feedback mechanisms ensure active student engagement and support their academic progression.
5. **Compliance and Accountability:** Every planned activity is monitored, documented, and reviewed, reflecting the institution's commitment to maintaining academic rigor and transparency.

This systematic approach supports quality assurance in teaching, learning, and evaluation processes.

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

2.4 - Teacher Profile and Quality

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

254

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

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

66

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

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

787

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

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

28

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

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

74

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

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

The Exam Cell is a key administrative unit in educational institutions, responsible for managing all examination-related activities. It ensures fair, transparent, and efficient evaluation processes, playing a vital role in maintaining academic standards.

Key Functions

1. Examination Planning

- Schedules internal assessments, midterms, and final exams.
- Assigns exam venues and seating arrangements.
- Collaborates with departments to finalize question papers and marking schemes.

2. Conducting Examinations

- Distributes question papers and answer sheets securely.
- Appoints invigilators to ensure smooth exam conduct.
- Monitors exam guidelines to prevent malpractice.

3. Result Processing

- Coordinates with faculty for answer script

evaluation.

- Tabulates and forwards results for approval.
- Prepares and distributes mark sheets and grade reports.

4. Record Maintenance

- Keeps records of schedules, results, and exam documents.
- Ensures secure storage of sensitive materials.

Significance

The Exam Cell upholds academic integrity by ensuring fairness in the evaluation process. Its careful operations lead to accurate evaluations, which are crucial for students' academic progress.

Challenges and Solutions

Challenges like tight schedules and large-scale exam management are addressed through advanced technologies, such as automated exam systems, enhancing efficiency and accuracy.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.5.3%20INDEX.pdf

2.6 - Student Performance and Learning Outcomes

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

The institution ensures that Programme Outcomes (POs) and Course Outcomes (COs) for all academic programs are clearly defined, systematically communicated, and effectively implemented.

1. **Regulations 2023:** The academic policies under the 2023 regulations are designed to support the institution's educational objectives, ensuring relevance and quality in academic delivery.
2. **Vision and Mission:** The institution's vision and mission emphasize imparting quality education, and preparing students for global ethical challenges.
3. **Programme Educational Objectives (PEOs), Programme Outcomes (POs), and Programme Specific Outcomes (PSOs):** The PEOs,

POs, and PSOs align with institutional goals and define the competencies students are expected to achieve. These outcomes focus on knowledge and skills.

4. Curriculum and Syllabus: A well-structured syllabus for all courses and semesters aligns academic content with the learning outcomes, ensuring coherence and relevance.
5. Communication Mechanism: POs and COs are prominently displayed on the institution's website for the students and faculty. Dedicated sessions are conducted to reinforce these outcomes among all stakeholders.

It reflects the institution's commitment to maintaining academic excellence and fostering a student-centric learning environment.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.6.1%20INDEX.pdf

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

The document outlines a comprehensive evaluation framework for the attainment of Programme Outcomes (POs) and Course Outcomes (COs) in an educational institution. It aligns with the institution's vision to foster technical excellence and the department's mission to produce competent engineers.

Key components include:

1. POs and PSOs Definition: Program Outcomes focus on applying engineering knowledge, problem analysis, ethical practices, and life-long learning. Program-Specific Outcomes (PSOs) emphasize addressing societal problems, software development, and career readiness in Computer Science.
2. CO-PO Mapping: Each course's outcomes are systematically mapped to relevant POs and PSOs, ensuring the curriculum addresses broad educational goals. For instance, C Programming maps COs like modular programming and data structures to POs such as modern tool usage and problem-solving.
3. Assessment Tools: Evaluation comprises assignments,

internal tests, and university examinations. Attainment levels are measured against predefined thresholds of student performance, categorized into levels 1-3.

4. **Direct and Indirect Attainment:** Direct assessments focus on test scores, while surveys and feedback provide indirect insights into the effectiveness of learning outcomes.

This structured approach ensures continuous improvement, enabling the institution to measure educational impact effectively and foster academic excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.6.2%20INDEX.pdf

2.6.3 - Pass Percentage of students

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

725

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.6.3%20INDEX.pdf

2.7 - Student Satisfaction Survey

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

<https://www.vsbec.edu.in/wp-content/uploads/2024/naac/02/index/2.7.1%20INDEX.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Research Promotion Policy

Preamble:

The preamble of the research policy promotion at V.S.B. Engineering College, Karur underscores the institution's dedication to advancing knowledge, fostering innovation, and addressing societal challenges through rigorous research. The policy aims to cultivate a thriving research environment by supporting academic inquiry, interdisciplinary collaboration, and ethical research practices. It highlights the institution's commitment to providing adequate resources, funding opportunities, and infrastructure to empower faculty, researchers, and students. Furthermore, it emphasizes the importance of disseminating research outcomes to benefit the broader community and contribute to global progress. Through this policy, V.S.B. Engineering College, Karur aspires to strengthen its role as a leader in research excellence and a catalyst for transformative change.

Research Promotion Policy:

To promote a culture of research, innovation, and academic inquiry. This policy aims to foster an environment that supports high-quality research, ethical practices, collaboration, and the dissemination of knowledge to address societal and global challenges.

1. Objectives

1. To encourage and support faculty, researchers, and students in conducting innovative and impactful research.
2. To motivate all the Faculty members are to do research in science, Engineering and Technology.
3. To ensure ethical standards and integrity in all research activities.
4. To promote interdisciplinary collaboration within and beyond the institution.
5. To facilitate access to funding, resources, and research infrastructure.
6. To recognize and reward research excellence.

7. To enhance the dissemination of research outcomes through publications, conferences, and community engagement.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/3.1.1%20documents.pdf
Any additional information	View File

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

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

0.39

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	No File Uploaded

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

1

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

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

0.3

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

3.2.2 - Number of teachers having research projects during the year

4

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/INDEX/3.2.2.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

11

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

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

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://drive.google.com/file/d/13xOPFoSkAmL-tV2Lmc2A7XzDv4c0Wyv0/view?usp=drive link
Any additional information	View File

3.3 - Innovation Ecosystem

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

At V.S.B.Engineering College, Karur, the institution has developed a vibrant ecosystem that fosters innovation, knowledge creation, and effective knowledge transfer, supported by dedicated centers for research, entrepreneurship, community orientation, and incubation.

The college's Research Center encourages both faculty and students to engage in interdisciplinary research aimed at addressing contemporary challenges, with an emphasis on producing research that is both academically rigorous and socially relevant. Through its Entrepreneurship Development Cell (EDC), the college promotes entrepreneurial thinking by providing mentorship, workshops, and resources that help students transform innovative ideas into viable business ventures.

The Community Outreach Programs focus on empowering students to engage in social responsibility projects, working on initiatives

that tackle pressing issues like sustainability, health, and education in local and global communities. Additionally, the Incubation Center nurtures student startups, offering them necessary support such as seed funding, expert guidance, and infrastructure to transform ideas into marketable solutions. These interconnected centers create a robust environment that not only enhances academic growth but also bridges the gap between research, entrepreneurship, and social impact.

This ecosystem is a cornerstone of V.S.B.Engineering College, Karur NAAC work, showcasing the institution's commitment to academic excellence, holistic student development, and contributing meaningfully to societal progress.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/INDEX/3.3.1.pdf

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

21

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

3.4 - Research Publications and Awards

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

C. Any 2 of the above

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

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

3.4.2.1 - Number of PhD students registered during the year

1

File Description	Documents
URL to the research page on HEI website	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/3.4.2%20Authentication%20of%20Principal.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

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

65

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

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

20

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/03/INDEX/3.4.4.pdf

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

3.4.5.1 - Total number of Citations in Scopus during the year

1128

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

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

3.4.6.1 - h-index of Scopus during the year

188

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

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

3.69

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	No File Uploaded

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

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

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

Extension activities carried out in the neighborhood play a vital role in sensitizing students to social issues and fostering their holistic development. These activities, such as community clean-ups, awareness campaigns on environmental sustainability, workshops on gender equality, and visits to old age homes or orphanages, provide students with practical exposure to real-world challenges. By engaging directly with diverse community groups, students develop empathy, social responsibility, and teamwork skills. Such experiences nurture their critical thinking and problem-solving abilities while promoting inclusivity and ethical values. As a result, these initiatives not only

contribute to societal well-being but also shape students into conscientious, well-rounded individuals equipped to make meaningful contributions to society.

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

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

3

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

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

12

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

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

100

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

3.7 - Collaboration

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

1094

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

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

41

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

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

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

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 WIFI 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
- Ventilated 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	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.1.1..pdf

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

SPORTS AND GAMES 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
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.1.2..pdf

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

69

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

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

1513.826703

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

4.2 - Library as a Learning Resource

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

The library has an Integrated Management System called LipsDolphin (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, eJournals, 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	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.2.1..pdf

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

A. Any 4 or more of the above

access to e-resources

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

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**4.33**

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**4.2.4.1 - Number of teachers and students using the library per day during the year****815**

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

4.3 - IT Infrastructure

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

The 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.

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

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

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.3.1..pdf

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3977	719

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 50 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

414.116684

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

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

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	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/04/index/4.4.2..pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

3132

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

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

446

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

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

B. Any 3 of the above

File Description	Documents
Link to Institutional website	https://www.vsbetc.com/naacdocs/c5/5.1.3/5.1.3_mainindex.pdf
Details of capability development and schemes	View File
Any additional information	View File

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

1895

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

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

B. Any 3 of the above

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

5.2 - Student Progression

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

617

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

5.2.2 - Number of outgoing students progressing to higher education

01	
File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File
5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year	
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year	
0	
File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File
5.3 - Student Participation and Activities	
5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	
25	
File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution	
<p>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</p>	

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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/05/index/5.3.2%20index%20committee.pdf

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

35

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

5.4 - Alumni Engagement

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

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
Upload any additional information	View File
Paste link for additional Information	https://www.vsbceetc.com/naacdocs/c5/5.4.1/5.4.1_index.pdf

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The 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 selfconfidence 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
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.1.1.pdf

6.1.2 - Effective leadership is reflected 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, inplant training and helps in manifesting the vision and mission.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.1.2.pdf

6.2 - Strategy Development and Deployment

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

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 wellrounded 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 for all eligible departments.

Permanent affiliation.

2f and 12B Status.

Strategic Plan (Vision 2024): 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	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.2.1.pdf
Upload any additional information	View File

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

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.org/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 to Organogram on the institution webpage	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/Organisation%20chart.pdf
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.2.2.pdf

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

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 achievements 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 transportation 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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.3.1.pdf

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

128

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

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

4

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

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

161

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.4.1.pdf

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

0

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation 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
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.4.3.pdf

6.5 - Internal Quality Assurance System

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

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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.5.1.pdf

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

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
Upload any additional information	View File
Paste link for additional information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/index/6.5.2.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any

A. Any 4 or all of the above

other quality audit recognized by state, national or international agencies (such as ISO Certification)

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/06/Annual%20Report%20signed%20copy.pdf
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institution aims to equip students strongly in their discipline, continuous learners, respectful of different cultures, socially responsible, aware of their social and civic responsibilities, sensitive to gender issues with zero tolerance towards sexual harassment, women's safety and security and environmental consciousness. A) Safety and Security:

1. **Hostel Safety and Security:** A hostel committee, led by the chief warden, ensures that all policies related to hostel management are followed.

2. **Transport Safety and Security:** Transport services provided to students, especially outside regular hours, are designed to ensure maximum safety and security.

3. **Anti-Ragging:** An Anti-Ragging Committee with 8 faculty members and a 6-member Anti-Ragging Squad works actively to prevent ragging incidents.

4. **Internal Complaints Committee:** This ensures the safety and dignity of female students and staff by addressing sexual harassment and gender-based misconduct.

5. Dress Code: The institution enforces a respectful dress code for all students.

6. CCTV Surveillance: 150 CCTV cameras are installed to monitor both indoor and outdoor areas, ensuring the safety of students and faculty.

B) Common Room & Medical Facilities: Separate common rooms are available for boys and girls, along with essential medical services, including first aid kits and an on-site doctor.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/07/index/7.1.1 a.pdf

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

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

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

Solid Waste Management:

As an eco-friendly campus, our institution has a robust waste management system in place and strives to maintain a pollution-free and green environment. Over 40 dedicated staff members are involved in keeping the college campus and hostels clean and tidy. Recyclable wastes, such as examination papers, are collected regularly and supplied to local recycling vendors to prevent waste dumping. Non-biodegradable wastes, such as metals and other scraps, are comparatively minimal on our campus. These items are mostly repaired and serviced for reuse. In unavoidable circumstances, they are collected and supplied to authorized

scrap agents.

Liquid Waste Management:

A sewage treatment plant has been installed on our campus, following the guidelines of the State Pollution Control Board. Sewage water is collected, treated in the plant, and the treated water is used for maintaining the green cover of plants and trees through separate pipelines.

E-Waste Management:

Computers, printers, laboratory equipment, etc., are regularly serviced and maintained. They are discarded only when they are completely non-functional, which happens rarely on our campus.

Our institution has been certified by the Tamil Nadu Pollution Control Board as a pollution-free environment.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping	
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File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. Green audit 2. Energy audit 3.Environment audit 4. Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities	A. Any 4 or all of the above
--	-------------------------------------

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres	A. Any 4 or all of the above
--	-------------------------------------

Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

The institution actively fosters an inclusive environment that embraces and promotes tolerance and harmony across cultural, regional, linguistic, communal, socioeconomic, and other forms of diversity. Through the celebration of significant National and International observances such as Teachers' Day, Women's Day, Environment Day, and Yoga Day, the institution endeavors to cultivate a spirit of unity and mutual respect among students, staff, and other stakeholders.

Guided by the belief in "unity in diversity," the college organizes various events like cultural programs, orientation sessions, and Sports Day to instil values such as democracy, secularism, tolerance, and inclusiveness. Community outreach and service initiatives, carried out through multiple clubs, nurture a sense of social responsibility among students. Activities such as tree planting drives to enhance greenery, health camps, and awareness programs demonstrate the institution's commitment to societal well-being.

Furthermore, the celebration of festivals like Pooja within the

campus fosters positive interactions and camaraderie among staff and students from diverse backgrounds, reinforcing a shared sense of belonging and unity.

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

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

The institution implements various initiatives and organizes activities to sensitize students and employees about their constitutional obligations, including values, rights, duties, and responsibilities as citizens. Students are educated on the Indian Constitution, fundamental rights, the functioning of union and state governments, the judicial system, and the Election Commission.

Courses such as Professional Ethics and Environmental Science and sustainability (ESS) emphasize the importance of ethical practices in professional life and the need for environmental conservation to combat climate change. The course Human Relations, Values, and Ethics introduces students to the fundamentals of value education and the significance of human values. Additionally, courses like Solid Waste Management and Municipal Solid Waste Management familiarize students with waste generation, sources, and disposal processes, while Water Resources Engineering provides an understanding of surface and groundwater hydrology.

Institutional associations such as NSS actively conduct various programs to instil values and nurture students into responsible citizens.

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

<p>7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized</p>	<p>C. Any 2 of the above</p>								
<table border="1"> <thead> <tr> <th data-bbox="102 654 547 714">File Description</th> <th data-bbox="547 654 1445 714">Documents</th> </tr> </thead> <tbody> <tr> <td data-bbox="102 714 547 819">Code of Ethics - policy document</td> <td data-bbox="547 714 1445 819" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="102 819 547 1111">Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims</td> <td data-bbox="547 819 1445 1111" style="text-align: center;">View File</td> </tr> <tr> <td data-bbox="102 1111 547 1178">Any other relevant information</td> <td data-bbox="547 1111 1445 1178" style="text-align: center;">View File</td> </tr> </tbody> </table>	File Description	Documents	Code of Ethics - policy document	View File	Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File	Any other relevant information	View File	
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Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File								
Any other relevant information	View File								
<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p>									
<p>India is renowned worldwide for its rich cultural diversity and vibrant festivals. At VSB, students are united in their mission for a better India, transcending boundaries of religion and caste.</p> <p>National Festivals: The institution proudly celebrates national festivals such as Independence Day, National Yoga Day, Republic Day, Teachers' Day, and Women's Day every year. These celebrations feature a variety of competitions and guest lectures designed to engage and inspire students.</p> <p>Commemoration of Great Indian Personalities: The birth and death anniversaries of eminent personalities, along with significant national and international events, are observed to honor their values and virtues. These occasions serve as a reminder of the pivotal contributions of our great leaders in shaping the nation, instilling a sense of pride and purpose in students and staff alike.</p>									

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

7.2 - Best Practices

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

Best Practice I

1. Title of the Practice: Enhancing Industry-Institute Collaboration
 2. Goal The primary objective of this practice is to establish and sustain robust collaborations with industries through Memorandums of Understanding (MoUs), Centers of Excellence, academic partnerships, industrial visits, and in-plant training. These efforts aim to foster innovation, bridge the gap between industry and academia, and contribute to economic development. Specific goals include:

- Defining specific, measurable, achievable, relevant, and time-bound objectives to enhance industry-institute collaboration.
- Encouraging interdisciplinary partnerships to address complex industry challenges.
- Equipping students with engineering skills aligned with industry requirements.
- Bridging the gap between industry needs and the academic curriculum.
- Ensuring students are job-ready upon program completion. Conducting external placement training led by experienced professionals.

Best Practice II

1. Title of the Practice Executive meeting with the top management.
 2. Objectives of the Practice To provide transparency about the system and implementation process. To empower all the leaders of academic and non-academic departments. To review the progress of all targets assigned.
 3. The Practice All academic

and non-academic leaders meet in the presence of Top Management once in a week. 4. Evidence of Success The success of this strategy will be demonstrated through Remarkable progress in academic and nonacademic regular activities.

File Description	Documents
Best practices in the Institutional website	https://www.vsbec.edu.in
Any other relevant information	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/07/index/7.2.1 a.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Good admission, academic record and Placement are distinctive and differentiates from the rest. The primary objective of the institution is the pursuit of academic excellence and placements. Training and placement cell is an integral part of our institution which ensures that the students are well trained and prepared to face their campus interviews effectively. Training is imparted to the students from their second year in employability skills. The institution has provided the best possible facilities in terms of infrastructure for teaching, learning and sports. The classrooms, laboratories, smart classrooms, group discussion halls, library, solved question bank for all the subjects and administrative office is highly conducive to the overall academic environment. The institution hosts fully equipped grounds for athletics, tennis, basketball, indoor badminton courts and volleyball courts. As a result, students have performed well in State and National level sports events and secured many medals and have brought laurels to the institution.

File Description	Documents
Appropriate link in the institutional website	https://www.vsbec.edu.in/wp-content/uploads/2024/naac/07/7.3%20Distinctiveness.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Future Plan for next academic year 2024-2025

- Provide placement opportunities for all eligible students in reputed industries, with 5% of students securing positions offering packages of 50 lakhs per annum.
- Strengthen industry-academic relationships to enhance corporate involvement in academics, with a focus on updating students' technical knowledge.
- Motivate the faculty members to get guideship.
- Improve activities related to higher studies, entrepreneurship, and start-ups.
- Strengthen the number and quality of MoUs with industries.
- Increase the number of publications in Scopus, SCI, and SCIE-indexed journals.
- Enhance efforts in securing patents and consultancy projects.
- Encourage faculty members and students to achieve awards and recognition in various national and international competitions.
- Encourage the students to participate in other state college events.