SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

VIDYA PRASARINI SABHAS COLLEGE OF ENGINEERING AND TECHNOLOGY LONAVALA

VIDYA PRASARINI SABHAS COLLEGE OF ENGINEERING AND TECHNOLOGY
GAT NO 685 MAUJE WAKSAI TALUKA MAVAL DIST PUNE PIN 410405
410405
www.vpscet.in

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NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Vidya Prasarini Sabha, Pune was established in the year 1923 with an objective in mind to provide education to children from diverse background. In the past 91 years this bud has grown into a big tree. Vidya Prasarini Sabha now has more than 22 branch institutes.

Vidya Prasarini Sabha is now providing education in every domain, like D. Ed., B. Ed. English Medium Schools, Higher and Secondry Higher schools, Junior Colleges, BCA, BCS College. Our resent big achievement is we have started Engineering College in our Lonavala Campus.

Come, be a part of Vidya Prasarini Sabha and give us an opportunity to make student a responsible citizen of India and of the world community.

VPS College of Engineering & Technology (VPSCET) is private unaided institution that was established in the year 2013. The institute offers three undergraduate engineering programmes of four year duration namely Mechanical Engineering, Computer Engineering, Civil Engineering.

Six engineering departments are offering post-graduate programs by University of Pune. It has a total undergraduate of 500. All the courses are approved by All India Council for Technical Education (AICTE) and affiliated to University of Pune.

Vision

To be recognized as among the leading institutions imparting quality Engineering Education to produce world class professional to take challenges at global level. They will be pride of india.

Mission

To provide an environment of high academic and entrepreneurship for all those aspiring students, which will prepare them to face global challenges and maintaining high standards.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Interactive, supportive and dynamic management.

2. Highly motivated and dedicated teaching faculty.

3. Located in a suburban setting and serving the cause of rural students especially hilly region.

4. Dynamic and student-friendly management.

5. Airy and well-ventilated classrooms.

6. The eco-friendly ambiance in the college.

7. Well-equipped laboratories.

8. Resourceful library with a e-learning & reading room.

9. High discipline and good results.

10. Good internet connectivity.

11. Active Placement Cell.

12. Modern Teaching aids like computers, laptops, and LCD projectors, with heavy duty battery back-up.

13. Quick grievance redressal mechanism.

14. Scholarship and Free-ship facilities are available to the various categories of students.

15. Remedial classes for slow and scope for advanced learners.

Institutional Weakness

1. The rural background of the students requires lots of effort to bring them up to a threshold level.

2. Poor English proficiency among the students being from local area.

3. Completely Self-financed semi-urban located college thereby constraint in attracting and obtaining Ph.D. / qualified faculty members.

4. No Government Funds. Difficulty to attract sizeable number of student admissions.

5. Limited MOUs and meagre collaboration programs.

Institutional Opportunity

1. Location of the college in a place with convenient connectivity – adjacent to highway in the serene environment of Lonavala city.

2. Having ample classrooms & area, the college has the opportunity and scope for an increase in the enrolment of the students.

3. Introduction of need-based add-on certificate courses which enable the students to get employment in MSME

& suitable companies.

4. Potential for better social outreach programs.

5. Promoting the use of ICT in the teaching-learning process.

6. Start post-graduate programs in commerce and science streams.

Institutional Challenge

1. Enabling the students to acquire capacities for accessing emerging opportunity structures.

2. To enhance ICT facility for all.

3. To equip students with communication and soft skill.

4. Encouraging the students for competitive examinations and higher studies.

5. Employability & placement of the students of all disciplines and education programs.

6. To produce 100% success rate / results.

7. To organize international seminars / conferences

8. Matching industrial requirements while maintaining requirements and norms of affiliating university.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

VPS College of Engineering & Technology (VPSCET) is private unaided institution that was established in the year 2013. The institute offers three undergraduate engineering programmes of four-year duration namely Mechanical Engineering, Computer Engineering, Civil Engineering. The Institution follows the syllabus and scheme prescribed by the University. Various academic and extracurricular activities are executed as per institutional academic calendar. Teaching plan is prepared and delivered using modern pedagogical tools to cater to the needs of the student community. The University has been regularly updating the syllabus. The University has Board of Studies (BOS) for each Engineering Program, which consists of senior faculty members, academicians from various institutions and industry experts who help in updating the syllabus so as to satisfy the needs of all key stakeholders.

As quality enhancement is a continuous process, the Internal Quality Assurance Cell (IQAC), which should be an integral part of any Institution, should work towards realizing the goals of quality enhancement and

sustenance. At the institute, class / course / Advisory Committee meetings, PTA Meetings, Academic audits, are conducted periodically to monitor and improve the teaching and learning process. Faculty document the prescribed delivery of course contents by maintaining course files for both theory and lab courses. The contents of the course file include syllabus, lesson plans, subject timetable, lesson notes, question banks etc. The prime objective is to employ learner centric techniques such as assignments, online lectures, industry visits and projects for the effective delivery of the academic courses.

Teaching-learning and Evaluation

The institution follows a transparent admission policy in line with the Admission Guidelines of the Government of Maharashtra, AICTE & DTE, Maharashtra. An Institutional academic calendar is prepared before the start of the semester taking into consideration the academic calendar of the affiliating University. The academic calendar consists of the activities planned for the entire academic year. The teaching-learning strategies are structured to facilitate the achievement of the intended learning outcomes. The institution has a team of dedicated, well qualified and experienced faculty, few with doctoral degrees.

The faculty of the institute adopt various methods of teaching and learning to create the optimum learning environment for students. Student centric methods like experiential learning, participative learning and problem-solving methods are employed for enhancing the learning experience with ICT for effective teaching and learning. The Institution strictly follows the evaluation procedure prescribed by the affiliating University. Student performance is evaluated through continuous assessment and end semester examinations. The process is transparent and robust and ensures effective student evaluation.

Each program includes course objectives and course outcomes, which are mapped with the program outcomes. The faculty are oriented towards outcome-based education (OBE) and actively utilize OBE to facilitate experiential learning. Both direct and indirect assessment methods, at the end of each course, help in ensuring attainment of stated course outcomes.

The institution with its effective mentoring system constantly encourages, motivates, and guides students to improve performance. We have a robust system to identify weaknesses in the student learning process so as to take corrective action. Specially designed programs and courses are offered so that students get the required support to become well-rounded engineers. Mentors counsel slow learners, identify their areas for improvement and help them overcome barriers to learning. In addition to gaining knowledge of the fundamentals of science and engineering, students are encouraged to enhance their communication skills.

Research, Innovations and Extension

The college has intentions to promote research activities and to inculcate research culture among the faculty members and the students. All programs offer internships, project & field works to encourage research activities among the students. The faculty members are motivated to participate in the conferences, seminars, and workshops organized by the other affiliated colleges and different universities. The faculty members and the students have published research papers in various peer review national and international journals, UGC-CARE journals, books with ISBN, and research papers in conference proceedings with ISBN numbers.

Major extension activities are done through NSS and SWO, NGO's, and GO's. The extension activities like social services, Swaccha Bharat Abhiyan, health awareness, road safety, gender issues, women empowerment,

environmental awareness programs, save the girl child, tree plantation, blood donation, and medical screening camp, yoga, and social and civil responsibilities. The college has established the MOUs, linkages, and collaborations with academic institutions, industries, national academic and research institutes.

Infrastructure and Learning Resources

College is located in a picturesque setting amid lush greenery. It is blessed with a serene and poignant ambience apt for teaching and learning. The institute was established and nurtured by sharp minds whose acute vision has resulted in a systematically planned extensive campus with all the requisite facilities for a technological institute of higher learning.

There are 11 well maintained ICT enabled classrooms, 1 seminar halls, 19 labs & workshops and 1 tutorial rooms. The labs are well equipped to further our vision of developing the institute into a strong research driven college, capable of working on the frontiers of the various branches of engineering. The institute also houses laboratories where regular training programmes are conducted for students.

As an environmentally friendly campus, we have an electricity saving green campus.

Our central Library bas an area of 600 sq. m. The library subscribes to 21 journals and has got a collection of 6111 volumes consisting of various titles in different domains of Engineering, Science and Technology and other multidisciplinary streams. The library is a member of the DELNET and DELPLUS.

Our IT infrastructure includes over 120 computers, all of which are connected to a LAN. We have a leased line internet connectivity of 100 Mbps. The network is secured by Antivirus which is continuously upgraded. The campus is networked through Optical Fiber, Ethernet, and Wi-Fi. The Wi-Fi is configured in the campus with different access points.

Student Support and Progression

The institution maintains a healthy student support and progressive mechanism as a result of a plethora of different scholarship schemes, career guidance, soft skills, placement and training, alumni association, remedial coaching besides numerous add on courses.

The Students Council is very active in the college; it galvanizes the students to encourage participation to develop their leadership qualities in academic as well as non-academic activities. It also helps them to conduct various co-curricular and extra-curricular activities. The institution offers several scholarships to the needy and deserving students from both the government and private agencies every year. As an important step, they identify the needy and meritorious students to ensure the timely disbursal of their scholarships.

The institution had constituted an anti-ragging committee to prevent incidences of ragging and to make the campus ragging free. A grievance cell effectively functions in the institution to resolve the grievances of students. The institution follows a well-organized and an efficient mentoring and counselling system to impart moral values to the students. The main aim of the mentoring system is to motivate the students to take right decision for their academic and personal development. The head of the department assigns a faculty member for fixed number of students in each class and they will record their concerns and evaluate their progress.

The Training & Placement Cell conducts a number of career guidance and training programs to the students to support and enhance various career options and sharpen their aptitude skills, language fluency, communication and computing skills. It plays a key role in assisting the students to get high paying jobs and also to make them capable of pursuing higher studies in India and abroad. The college has a strong and full-fledged alumni association and is of immense help to Placement department for job contacts. The alumni interact with the students about their working experience and various career options which helps the graduates to acquire knowledge on the recent trends with latest technologies.

Governance, Leadership and Management

Being a self-financed and privately owned college comes directly under the control of the Vidya Prasarini Sabha and Savitribai Phule Pune University (SPPU). Thus the rules and regulations of the university are to be binding on the college. The Governing Council of the Vidya Prasarini Sabha and College Development Committee (CDC) of the college are the apex bodies that govern the academic and administrative processes of the college. The principal is considered the ultimate decision-making authority for the smooth functioning of the college. The teaching and non-teaching staff meetings are held regularly to discuss routine matters, academic development, the appointment of faculty members and other support staff, concession in admission fees to the economically backward students, and special matters of the college. The day-to-day activities of the college are well-governed through a decentralized participative management structure. To fulfil these objectives various internal committees have been constituted and operational autonomy is given to the chairperson and members of the committee for the strategic development of the college. The decisions regarding recruitments of teaching and non-teaching staff, their service rules, and financial matters are finalized in the governing council of the Vidya Prasarini Sabha and College Development Committee. The internal audit is done through a qualified person from the field of accounting and auditing. The external audit is done by the certified chartered accountant firm who is appointed by the Vidya Prasarini Sabha. The major source of funding is fees from the admitted students.

Institutional Values and Best Practices

Institutional Values and Best Practices

Best Practice-1

"Ek Muthi Anaj"-makes food for hungry people

The **Ek Muthi Anaj** campaign which was launched in 2013 is a growing movement today. Ek Muthi Anaaj is a people's campaign. We believe that with your contribution of a handful of grain, we can feed the world.

Traditionally, it was a custom in India to set aside one portion of food or grain to feed the poor & needy or even an animal that came to the doorstep. Ek Muthi Anaaj revisits this concept in a manner that's relevant and implementable in modern society. We partner with schools, households and corporates to collect grain which is then distributed to the needy.

Best Practice-2

Zoophilist (Animal Lover)

Students and Staff members works as Pet Lover. In this we rescue snakes, animals, & birds from human residential area and free them in wild life and also guide people about various species. Animal shelters are vital resources for their communities. A shelter is a safe haven for animals, and a great place to adopt a new family pet. .Animal love or animal friendship is the feeling of affection people have towards animals. For most people, love for an animal is a part of the affection they have for their pet, an emotion of bonding or companionship which can border on affection, fondness, or love. For others it takes on deeper or even compulsive forms, surrounding themselves with often stray animals out of compassion and becoming somewhat isolated from society. At an extreme, a compulsive behaviour to care for animals can cause problems or even result in unintended animal abuse, as such people are not always capable of taking care of all the animals properly and neighbours often complain about the noise and smell. The love for animals stems from many causes. For many people, bonding to a pet or animal is a natural and valued process - children often do this very deeply, as do many adults who consider themselves animal lovers. One can love animals out of a general respect for nature and the environment, or become a vegetarian or conservationist out of one's love for animals. We have rescued many varieties of snakes. We also help street dogs and Cats for adoption.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	VIDYA PRASARINI SABHAS COLLEGE OF ENGINEERING AND TECHNOLOGY LONAVALA
Address	Vidya Prasarini Sabhas College of Engineering and Technology Gat No 685 Mauje Waksai Taluka Maval Dist Pune Pin 410405
City	Pune
State	Maharashtra
Pin	410405
Website	www.vpscet.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal(in-charge)	Manav Ashok Thakur	02114-8830513028	7972165097	-	principal@vpscet.in
IQAC / CIQA coordinator	Rohit Jagtap	02114-7304902905	9762853831	-	admin@vpscet.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Maharashtra	Savitribai Phule Pune University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	[View Document](#)	03-07-2022	12	Approval for Academic Year as per AICTE

Recognitions

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

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Vidya Prasarini Sabhas College of Engineering and Technology Gat No 685 Mauje Waksai Taluka Maval Dist Pune Pin 410405	Rural	10.5	8094

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer Engineering	48	XII Science and Entrance Test	English	30	21
UG	BE,Mechanical Engineering	48	XII Science and Entrance Test	English	60	0
UG	BE,Civil Engineering	48	XII Science and Entrance Test	English	30	1

Position Details of Faculty & Staff in the College

	Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0				0				0
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit				0				0				0
Sanctioned by the Management/Society or Other Authorized Bodies				0				1				15
Recruited	0	0	0	0	1	0	0	1	6	8	0	14
Yet to Recruit				0				0				1

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				11
Recruited	5	6	0	11
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				4
Recruited	4	0	0	4
Yet to Recruit				0

Qualification Details of the Teaching Staff

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Permanent Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	1	0	0	2	0	0	3
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	4	7	0	11
UG	0	0	0	0	0	0	0	0	0	0

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

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Part Time Teachers									
Highest Qualificatio n	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	1	4	0	5
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	3	3	0	6

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	128	0	0	0	128
	Female	27	0	0	0	27
	Others	0	0	0	0	0

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

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	8	5	0	5
	Female	2	3	1	0
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	9	5	2	5
	Female	1	0	0	0
	Others	0	0	0	0
General	Male	35	46	33	21
	Female	7	6	7	1
	Others	0	0	0	0
Others	Male	9	2	2	2
	Female	8	1	3	0
	Others	0	0	0	0
Total		79	68	48	34

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	In order to develop the all-round capacities of the students – intellectual, aesthetic, social, physical, emotional and moral in an integrated manner, the college is preparing to include multidisciplinary subjects as per the National Educational Policy 2020. Keeping in view the problems faced by the students, the college is planning to set up short term and vocational courses. The aim is to make the students equipped, so that they don't need to rely on Government jobs but instead pave a way towards self-employment. As the College is preparing itself to have more of multi-disciplinary subjects it tries to identify the programme learning outcomes along with courses and unit learning outcomes that define the

	specific knowledge, skills, attitudes and values that are to be acquired by the learner and would ensure that each programme achieves its goal.
2. Academic bank of credits (ABC):	Regarding the implementation of Academic Bank of Credits, the institution has to wait for the academic council to give a green signal. The pedagogical approach of the institution is student's centric where the faculties' pedagogical approaches are constructivist, inquiry-based, reflective, collaborative and integrative. Summative and Formative assessments and assignments are used to evaluate the Students learning outcome. The parent university SPPU has already mandated the registration of ABC for all students w.e.f. AY 2022-2023.
3. Skill development:	The vision of the college is promoting Value-Based Quality Education; hence the college takes efforts to inculcate positivity among the learners. The college also celebrates National festivals like Independence Day and Republic Day. Observing various programmes like World Aids Day, Environment Day, observing the Death and Birth Anniversary of our National leaders which help in imbibing the good qualities of the students. Mentoring students is also one of the practices of the institution, to enable students to explore future employment pathways after graduation, and help them get the most of their studies.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Regarding the adoption of Indian languages, the college offers various Indian languages like English and other optional languages as subjects in degree courses. Preservation and promoting of languages is one of the target of the College in future.
5. Focus on Outcome based education (OBE):	The College also makes an effort to understand that a pursuit of knowledge is a life-long activity and to acquire positive attitude and other qualities which will lead students to a successful life. To interpret, analyse, evaluate and develop responsibility and effective citizenship is one of the programme outcome of the students.
6. Distance education/online education:	The College is also preparing itself to offer vocational course through ODL (Open Distance Learning) mode in due course of time. Keeping in view the convenience of the student, the various technological tools used by the faculties especially during the pandemic lockdown are Google

	Classroom, Zoom, Google, using videos as teaching and learning aids, Group collaboration and interaction and assignment and revision as well as the assessments have been conducted are some of the institutional efforts towards blended learning.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
224	202	125	170	220

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 39

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
17	14	12	20	20

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
1261.85	42.71	57.84	59.55	838.47

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Effective curriculum delivery is carried out in the Institution through a well-documented approach.

1. In accordance with academic schedules given by the university an Academic Calendar encompassing working days' schedule, internal assessment examinations, guest lectures, Industrial visits value added courses etc., is prepared every semester.

2. Allocation of subjects to the faculty members is done after careful consideration of their subject expertise besides their choice.

3. Course study material such as lecture notes, question bank, lab manuals are prepared by the allotted faculty members focusing on the outcome based education and Bloom's Taxonomy. These materials are uploaded in various platforms for their reference. The details of uploading are recorded by the departments and periodically monitored by the Principal. Hard copies of question bank and lab manual are also provided to the students.

4. Time tables are prepared in advance every semester for theory, tutorial and practical classes based on the, credits as per the curriculum.

5. A Comprehensive lesson plan showing the hourly plan of course delivery is prepared for all the subjects by the allotted faculty members.

6. The quality of course delivery by the faculty members are periodically monitored by getting feedback from the students through Head of the Department and Principal.

7. Unit wise syllabus coverage and deviations from the lesson plan will be periodically reviewed by the Head of the Department and are addressed suitably. A similar procedure is followed for practical classes too.

8. Special classes are arranged in the event of any loss of working days or in cases students requiring more practice.

9. In order to complement the class room lectures, Online Video lecture sessions, model based learning and additional assignments relevant to the subjects are provided to the students.

10. To supplement the curricular gaps in the past five years, Guest lectures on topics covering recent trends were arranged with experts drawn from academia and industry, Add-on courses for value addition related to the subjects are conducted to the students to facilitate hands on experience on concepts learnt in the class

room sessions, Industrial visits were arranged for the students to gain exposure to practical aspects of the concepts learnt in the class rooms and current industrial practices. Advanced learners are highly benefitted by the Add-on Certificate courses.

11. Effectiveness of course delivery is ascertained also through the performance of students in Internal Assessment Examinations besides a comprehensive model examination. After each internal assessment examination, a periodic meeting is conducted in the Department with the faculty members to assess the level of understanding of the students on the topics covered.

12. Special coaching is provided for the slow learners identified through the above process. These steps are followed periodically during every semester to ensure an effective curriculum delivery.

File Description	Document
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 36

File Description	Document
Institutional data in the prescribed format	[View Document](#)

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 99.47

1.2.2.1 **Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
224	197	125	170	220

File Description	Document
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

The Institution, has taken up many initiatives over the years which has provided a platform to integrate cross- cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and into the Curriculum.

Professional Ethics:

Engineering is one of the important and cultured professions. With respect to any engineering profession, engineers are expected to exhibit the reasonable standards of integrity and honesty.

The institution offers Ethics as a compulsory subject for Commerce students. Special sessions on ethics in research, professional ethics and human ethics are organized for students and faculties.

To imbibe professional ethics among student's various guest lectures on Corporate Etiquettes and Manners, Personality development, Image management are organized at Institute. Case studies are given to students to expand their knowledge base and understanding. Ethical practices such as not indulging any malpractice, maintaining Ragging free environment are ensured.

The university curriculum includes an elective subject titled "Code of Conduct – 210259" which is related to Professional Ethics in Engineering and surely inculcates ethical standards required in engineers.

Gender:

Gender equality, equality between men and women, entails the concept that all human beings, both men and women, are free to develop their personal abilities and make choices without the limitations set by stereotypes, rigid gender roles and prejudices.

As a co-educational institute, measures towards gender sensitization in terms of equality are taken for both the genders in all aspects. Institute ensures that equal opportunity is given to both genders in terms of admissions.

The increasing trend in girl student admission over the years proves the fact that our college atmosphere is highly preferred and conducive for female students.

Women's Day is celebrated with enlightening lectures and activities. Gender sensitization sessions are also conducted as guest lectures.

Human Values:

Institute is committed to provide quality education in engineering and technology, to transform the youth into committed technical personal for the social and economic well-being of the nation with integral development of the personality and character building.

All the students visit old age homes, homes for destitute children, etc., at least once. In addition to the

support provided by the college during their visit, the students also voluntarily contribute for several basic needs of the inmates. Participation of students in these activities inculcates the social responsibility. This gesture creates a feeling of empathy towards the under privileged.

Environment and Sustainability:

The following are some of the initiatives towards integrating environment and sustainability into the curriculum:

Institute management, staff and students are functioning with a vision to make the college campus green and Eco-friendly.

We have various projects and publication related to sustainable development. Short term courses that enhance and inculcate remedial practices for issues on environment and sustainability are conducted.

The classrooms are well ventilated with windows. This takes care of major saving part of the power supply we need. We practically do not need light or fan during most months of the year.

The various activities conducted during events educate the students about the social, economic and political issues globally since the inception of the college. Activities of the various cells, and events of the annual cultural fest conducted every year highlights the current environmental and social issues.

File Description	Document
Provide Link for Additional information	[View Document](#)

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 63.84

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 143

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 26.27

2.1.1.1 **Number of students admitted year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
72	66	48	35	47

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
180	180	180	240	240

File Description	Document
Institutional data in the prescribed format	[View Document](#)

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

Response: 8

2.1.2.1 *Number of actual students admitted from the reserved categories year - wise during the last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
31	16	8	13	16

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

2021-22	2020-21	2019-20	2018-19	2017-18
180	180	210	240	240

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 13.18

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 using ICT tools

Response:

Our institution takes efforts to make teaching learning process students centric by adopting various suitable learning methodologies. The institution has adopted a multi-pronged approach through which students are future ready and imbibed to face professional life challenges using the methodologies stated below to implement an Outcome Based Education through experiential learning, participative learning and problem solving methods for enhancing the learning experiences of students.

EXPERIENTIAL LEARNING

Project works, Industrial visits and Workshops are concrete experiences where students understand the responsibility of the engineering profession and it provides an opportunity for them to improve technical skills and gives practical exposure. Students are involved in real time and societal projects at various organizations and a few innovative projects are published.

Students are encouraged to participate in various internship programmes outside the college to develop professional skills and to enhance their knowledge and skills.

The talks by Industry Experts, academic experts and interactive sessions with successful alumni are arranged for students so as to update their knowledge and to bridge the gap between the industry and academia.

The well advanced laboratories provide the students a chance to turn their ideas into new prototypes and products. A Laboratory is a technical prototyping platform for innovation and invention which aims at providing a stimulus for local entrepreneurship and serves as a platform for learning and innovation.

PARTICIPATIVE LEARNING

Students are encouraged to explore knowledge using explanative, empowerment and explorative approaches through workshops, seminars for participative learning. Participants are encouraged to use, discuss and exchange their unique ways of expression, share their inspiration and learning.

Technical fests organized by the institute provide a platform to exhibit the technical skills and talents of our students. Industrial visits organized as per the curriculum give more technical exposure and promote industrial interaction.

Department wise students working in collaboration with professional bodies conduct various technical events to explore the technical skills of the learners as well as to ensure participation of each student in various programs.

Students are encouraged to involve in various certification courses thereby facilitating independent learning. The institution has a Well-equipped digital library with a good number of books, eBooks, technical magazines, journals, e-journals which serve as a Knowledge Resource Centre to the students to inculcate research culture.

The career guidance and counselling programs such as group discussion, aptitude tests, mock interviews etc., are provided by the Placement Cell to enhance the overall personality development of students and to make realistic academic and career decisions.

PROBLEM SOLVING METHODOLOGIES

The problem solving ability is further honed by incorporating questions on case studies in the internal assessment examinations. In addition, students are encouraged to improve their problem solving skills by motivating them to participate in various technical events such as project contests, Hackathons and coding competitions organized by the institution and other organizations.

Institution follows the discussion method in many of the subjects as it makes the students to think wide and participate by coming up with opinions & suggestions to check their current knowledge. Quiz Competitions are organized to promote scholastic excellence and to provide a venue for interaction among various student bodies.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 93.26

2.4.1.1 **Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:**

2021-22	2020-21	2019-20	2018-19	2017-18
17	16	16	20	20

File Description	Document
Upload supporting document	[View Document](#)

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 9.64

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
4	2	2	0	0

File Description	Document
Institutional data in the prescribed format	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The total examination process is monitored by the Principal, CEO and program Coordinator. Examination committee handles the grievance redressal mechanism system in the college. The complaints of the students related to internal and external examinations are sorted out at the college or the University level depending upon the nature of the complaint and the type of the examination.

College Level:

There is complete transparency in the internal assessment. The criteria adopted is as directed by the University.

- Internal assessment tests are conducted each semester as per the university academic calendar.
- After the completion of the internal assessment tests the marks are published in the Department

notice board as well on the college records.

- In case of any grievance regarding the internal assessment, the student is free to interact with the concerned faculty and get it resolved. If it is not resolved by the faculty concerned the students can approach the Head of the Department.
- The unresolved grievance, if any, is referred to the institution level Grievance Redressal Committee.
- At the end of each semester, the internal assessment marks of all the students are verified by the Principal before uploading it in the university portal.
- Attendance is mandatory for each course. As per the university norms 75% attendance is mandatory for writing the end semester examination. However, in case of medical grounds or long illness or major personal tragedies/contingencies the college Principal can relax the minimum attendance requirement, to write the end semester examination, provided that he/she submits an application with proper documents.
- Internal assessment is also done for the laboratory courses which includes continuous evaluation of day to day laboratory performance, viva performance and the promptness in submitting the record) of the students.
- The marks/grade scored by the student for each experiment is indicated in the observation/record.

At university level:

Students can express grievances by applying for the following evaluation procedure:

Re-evaluation:

- In case, if a student is not satisfied with the marks obtained, he can ask for a photocopy of the answer sheet within stipulated days after result by paying the requisite fees. The photocopy is provided to within few days of the date of application.
- If a student still wants to get his/her answer-sheet revaluated, one can apply in the prescribed format given by the college within fixed days of the receipt of the photocopy by paying the requisite fees.
- The results of Re-evaluation are announced as per the university norms.

Other types of grievances like data missing in the question papers, question asked from outside the syllabus, toughness of the question paper etc., are communicated to the Controller of Examinations by the concerned faculty through the web portal on the same day of the conduct of examination, after getting the approval of the HOD's concerned and the Principal, for necessary action.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the

institution are stated and displayed on website and attainment of POs and COs are evaluated

Response:

The institution has adopted the Outcome Based Education (OBE) in its teaching, learning and evaluation process and strives for continuous improvement.

The Program Outcomes (POs) are defined by University syllabus are mentioned for all programs across departments and are customized for applicability to the respective program. The Program Specific Outcomes (PSOs) are framed by the respective department through brainstorming in the Department Academic as well as Advisory Committee. The Course Outcomes (COs) are defined in the syllabus of each subject.

Consequently, Program Outcomes, Program Specific Outcomes and Course Outcomes for all the programs offered by the institution are stated and displayed on the college website-department wise, from the first year to the fourth year for communicating with teachers, students and other stakeholders.

Mechanism of Communication:

Program outcomes and program specific outcomes for a particular program are stated displayed and communicated through various ways such as:

1. Communicated in departmental faculty meeting.

2. Displayed in departmental webpage of institutional website Published in Students Lab Record Displayed in Laboratories.

3. Displayed in class rooms, Staff rooms and in the rooms of Head of the Departments.

4. Displayed in department notice boards and library

5. Communicated in class rooms in the beginning of the semester.

8. Course Outcomes are displayed in Lesson plan, Lab records, internal exam question papers and course file.

Method of measuring attainment of POs, PSOs and COs

The effectiveness of the course outcomes has been justified with the help of Performances made by the student in Internal Assessment and End Semester University examination. The Internal Assessment includes Assessment Examination and Assignments. The end semester examination will be conducted by the university. The final grade of the course will be calculated considering, 40% weightage for Internal Assessment and 60% weightage for end semester performance as per university regulations.

1. Direct Assessment Process

1.1. Internal Assessment for Theory courses:

(a) Assessments: In the end of a semester Final Assessment Exams are conducted as per the University rules & pattern.

(b) Assignments: The students are asked to prepare and submit assignments, prior to Assessments. The assignment contains Question answers, Key points, Neat diagrams, Derivations and Tables or plots.

(c) End Semester University examination: The University exams are conducted by the affiliating University as per the format prescribed in the syllabus.

1.2. Assessment Process for Practical Courses:

1.3. Project Work

The students are permitted to carry out their projects either in-house or in an Industrial / Research Organization, on the recommendations of the Head the Department. There are different reviews during the semester by the teachers and are continuously assessed. The project work is finally evaluated at the end of the semester by an internal and university appointed external examiners.

2. Indirect Assessment tools

- Alumni Survey
- Student Feedback
- Parent Feedback
- Industry feedback

File Description	Document	
Provide Link for Additional information	[View Document](#)	

2.6.2 Pass percentage of Students during last five years

Response: 85.34

2.6.2.1 **Number of final year students who passed the university examination year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
59	53	50	26	39

2.6.2.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

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2021-22	2020-21	2019-20	2018-19	2017-18
72	59	53	35	47

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll	[View Document](#)

14-01-2023 11:55:48

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

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

Response: 1

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	0	1

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

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

Response:

The institute has created an ecosystem for Research and Innovation by recruiting & developing desirable human resource, taking initiative for creation & dissemination of knowledge and establishing state of the art infrastructure.

The details are as under:

1. Promoting Innovation: The College has created an Innovation & Entrepreneurship Development Cell for promoting innovation & entrepreneurship activities. The formation of the cell is as per the guidelines of MHRD & UGC. Students are encouraged to present their innovative working project models & products through annual project contest. Few the outstanding project ideas are identified for commercial product development or submission to agencies for research funding.

2. Technology Business Incubation: College has also established a system for Technology Business Incubation with the support of faculty members. Institution has initiated various activities like pre-incubation support, start-up initiatives & training programs. The college has organized several EAC (Entrepreneurship Awareness Camp) programs.

3. Center of Excellences: The faculty& students are encouraged to take up research & developmental activities by utilizing the existing resources. Our center of Excellences on Industrial Automation, Automation & Robotics Lab, have helped our students to develop necessary skills & develop innovative projects in various domains.

4. Human Resources: The institute recruits' dynamic & highly qualified faculty to mentor and channelize the young minds. Institute has taken an initiative to encourage the faculty members to pursue their Ph.D work by granting facility during the course work. Faculty are also encouraged to participate in various skill enhancement programs under govt. schemes.

5. Research infrastructure: The College has a Research Cell to motivate the faculty members to write research projects and submit it to various supporting agencies like DRDO, DST, AICTE, DBT, etc. Research Cell also helps to create research culture among faculty members and students.

College has signed MOUs with few industries to promote real-time project development.

File Description	Document
Provide Link for Additional information	[View Document](#)

3.2.2 *Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

Response: 29

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
6	8	7	5	3

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

3.3.1 *Number of research papers published per teacher in the Journals notified on UGC care list during the last five years*

Response: 1.64

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
22	9	12	14	7

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response: 0.18

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

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	0	3	0

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.4 Extension Activities

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

Response:

The college organizes a number of extension activities to promote institute-neighbourhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college undertakes various extension activities in the neighbourhood community. The students & staff organizes various activities in nearby adopted village and several activities were carried out by volunteers addressing social issues which include

cleanliness, tree plantation,water conservation through construction of road construction, Shramdan, Social interaction, Group discussion Eradication of superstition, Beti Bacho Beti Padhao, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health check-up camp, Veterinary guidance, Farmers meet, Awareness about farmer's suicide etc. It aims at developing qualities of leadership, patriotism, maintaining discipline, character building, spirit of adventure and the ideal of self service. The students of the college organizes various extension activities as tree plantation, Road safety awareness, Ekta daud for health, Save fuel save country programme, Swachhta Abhiyan, National equality awareness. The various departments of the college is conscious about its responsibilities for shaping students into responsible citizens of the country by making students aware of social issues through various programmes like Environmental Awareness, Personal Health and Hygiene, Diet awareness, Road Safety, Tree Plantation, Soil and Water Testing, Plastic eradication, No vehicle day, Jananisuraksha, Programme on female foeticide, organizing visit to Orphanages and Anganwadi, Voters awareness, Blood group detection, Health check -up camps, Blood donation camps, Dental checkup camp, etc. All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill and self-confidence of students. It also helped in cultivating hidden personality of students and created awareness among students.

File Description	Document
Provide Link for Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

The insitute has worked at various fronts of social activities and fronts. Although there has been various recognitions, but all at the local levels. The recognition fromt he Government is yet to be received. The trust of the parent organisation is 99 years old and entering its Centenary year. So we can understand from the longivity of the parent organisation regarding the service to the society & community.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

Response: 40

3.4.3.1 **Number of extension and outreach Programs conducted in collaboration with industry,**

community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
13	3	9	7	8

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 11

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

The college has a well-developed campus of 10.5 acres, and the built-up area is approximately 8094 sq. mtrs. It is equipped with modern facilities and learning resources to achieve academic excellence according to the college's vision, mission, objectives, and core values.

The college has adequate learning resources, including classrooms with smart classrooms, library and reading area, laboratories & computer centre with LAN, printers, scanners, good quality internet connection, sports ground, IQAC office, Examination Strong Room, seminar hall, and conference hall, RO water purifier system, safe drinking water, separate restrooms for ladies & gents, parking space, and lawns. The available infrastructural facilities are optimally utilized.

The college continuously strives to create and enhance infrastructure in buildings and other facilities to provide an excellent teaching-learning environment.

Some of the recent initiatives taken are as follows:

1. Upgradation & procurement of IT infrastructure regularly given the current developments and advancements in technology.

2. Upgradation of library systems & Exam system according to online & offline exam system of SPPU.

3. Safety and Surveillance around 16 cameras 24 x 7.

4. Well-furnished 11 ICT-enabled classrooms.

5. Women friendly, harassment free environment

6. ICT-enabled laboratories with FREE WiFi support to students, staff & Teachers.

7. Plastic Free, nuisance free, pollution free educational campus.

8. Spacious seating arrangements with the qualitative furniture.

9. Cleanliness, light, and ventilation facilities are maintained in classrooms and laboratories.

10. Black Boards, White Boards, and Green Boards are available in the classrooms.

11. A well-furnished computerized administrative office along with ICT enable cabin of the Principal.

12. Well-equipped laboratories for subjects of electronics & computer science.

13. Well ventilated Auditorium and Seminar Hall with ICT facilities.

14. Women Redressal Cell, Career Counselling Cell, Student Welfare Cell, Canteen, Drinking Water (RO), Wi-Fi, First Aid Box, LCD projectors, air conditioners are available on the campus.

The college has adequate facilities for organizing cultural activities, open ground for sports and games, gymnasium and yoga. The college network in curriculum and extra-curriculum is a solid and well-established infrastructure for this purpose. A highly learned cultural committee look after the cultural and sports activities in the college.

Cultural Activities: The college has a good legacy of the performance of the cultural program. Several students participated in the cultural competitions organized by various NGOs and other educational institutes, and few of them bagged prizes in cultural activities during the assessment period. The cultural committee is constituted in the college, and the committee motivates the students to participate in singing, dancing, drama, one-act play, and mimicry. Due to the cultural committee's dedicated efforts, the students enthusiastically participate in inter-collegiate competitions at the various level.

Sports and Games: The institute regularly takes on rent Indore stadium of the nearby government & Indian railways for conducting indoor sports. The outdoor sports ground inside the campus is maintained and made available to the students for regular practices. The college has a big playground and several sports activities like cricket, kho-kho, Kabaddi, badminton, volleyball, Athletics, and Yoga are regularly used for practice purposes and organized competitions, and also have indoor games facilities such as Carom room, Chess room, and Sports Equipment room on the campus. Few of the students got selected for inter-collegiate competitions. The college provides T-shirts, Travelling allowances and dearness allowances to the players and appreciates excellent players with corresponding rewards. Every year college organizes sports events and International Yoga Day; the Annual intra-classes sports meet between different classes of the college.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 51.44

4.1.2.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
79.54	70.55	875.36	97.52	39.85

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

The college has a library, and a qualified librarian has been appointed.

The Library has a vast collection of 6111 books, within 1000+ titles, 600 + reference books, and other books with 21 foreign & Indian, peer-reviewed journals and bound volumes of journals. The library is updated with 5 magazines & 3 daily newspapers. The library infrastructure is equipped with 5 computers having 160+ e-books and e-content.

Sl. No	Particulars	Quantity
1.	Total Books	6111
2.	Titles, Reference Books & Other books	1600+
3.	Journals (National & Foreign)+ e-Journals	21
4.	Newspapers & Magazines	03
5.	E-books	160+

The reading area is well furnished to accommodate 30+ students and provides a conducive environment for study. The Library has developed the database of its collection through library documentations. The Library has an access to DELNET & DELPLUS. All the active book collection is updated in the library excel database, and the catalogue is available for students and faculty members. The issue and return of books, daily book issuing and receiving routing is performed under the able guidance and supervision of the Librarian. The Library has developed its collection database and maintains the following database through the excel sheets. The library is completely under CCTV surveillance.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

The college is a technical institute and offers Bachelor of Engineering programs affiliated to the parent university. Most of the courses have the chalk and talk method for teaching the curriculum and direct the students to learn through memorization and recitation techniques. Therefore, the college has adequate IT facilities to strengthen these programs' teaching and learning processes. The computer lab is equipped with 120 computers with the latest configurations and equipped with a wide range of licensed system software, antivirus, and application software. UPS powers the computer lab to ensure uninterrupted usage of the lab. The entire computers are connected with LAN and well connected to the internet connectivity to help students and faculty members to carry out their academic and other work. Lab assistants are appointed for daily monitoring purposes. LCD projectors are available to provide effective teaching for the student. Faculty members use PowerPoint presentations, videos, etc., in the classrooms to enhance the teaching-learning process. Scanners, printers, Xerox facilities, are available, and faculty make use of this for the benefit of students. The college campus is WI-FI enabled. Faculty members can access Wi-Fi anywhere on the campus to gain additional information, carry out research activities, download information related to the curriculum, gain further knowledge about their subjects, then pass it on to the students. Students are encouraged to use IT infrastructure in the best possible way to augment their learning and hone their IT skills which is a must in today's environment. The college has installed 16 CCTVs on the campus to ensure the security and safety of people and property. The computers, peripherals, and related equipment and accessories are regularly updated and increased, replaced to meet the increasing demand of the teaching-learning process. At the beginning of the academic year, a need assessment for up-gradation and the existing infrastructure is carried out based on the suggestions from HODs and faculty members. Regular maintenance of the IT infrastructure is done at the beginning of the academic year for the deployed Software applications and UPS. The college has continually been reviewing the current needs, and accordingly, the internet bandwidth is upgraded from time to time.

Year-wise up-gradation of IT facilities.

1. The college has upgraded the 16 Mbps Leased Line (before covid-19 lockdown in 2020) Internet connectivity to 100 Mbps Leased Line in 2022-23 AY.

2. Internet connectivity is available to the students and faculty in classrooms.

3. HODs cabins & staffrooms are equipped with computer and internet connections.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 1.95

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 115

File Description	Document
Upload supporting document	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)

Response: 17.46

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

2021-22	2020-21	2019-20	2018-19	2017-18
59.59	23.86	100.9	87.22	123.17

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 60.04

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

2021-22	2020-21	2019-20	2018-19	2017-18
193	163	71	115	23

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.2 *Capacity building and skills enhancement initiatives taken by the institution include the following*

1. *Soft skills*
2. *Language and communication skills*
3. *Life skills (Yoga, physical fitness, health and hygiene)*
4. *ICT/computing skills*

Response: A. All of the above

File Description	Document
Institutional data in the prescribed format	[View Document](#)

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 61.96

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

2021-22	2020-21	2019-20	2018-19	2017-18
229	197	115	20	22

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

    1.**Implementation of guidelines of statutory/regulatory bodies**
    2.**Organisation wide awareness and undertakings on policies with zero tolerance**
    3.**Mechanisms for submission of online/offline students' grievances**
    4.**Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Upload supporting document	[View Document](#)

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 84.14

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
46	53	50	20	22

5.2.1.2 **Number of outgoing students year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
59	53	50	26	39

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 100

5.2.2.1 *Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	1	0

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

2021-22	2020-21	2019-20	2018-19	2017-18
0	0	0	1	0

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3 Student Participation and Activities

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

Response: 2

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

2021-22	2020-21	2019-20	2018-19	2017-18
1	0	1	0	0

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 64

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
63	89	83	80	5

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.4 Alumni Engagement

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

Response:

The college has a registered Alumni Association. This functions for the overall development & contribution of the college. This contributes significantly to the development of the institution through financial and other support services.

The Objectives of Alumni Association are:

1. To keep a register of all Alumni of college and their permanent data.

2. To maintain the updated and current information of all Alumni.

3. To encourage, foster, and promote close relations among the alumni themselves.

4. To promote a sustained sense of belonging to the Alma Mater among the Alumni by regular contact with them.

5. To provide and disseminate information regarding their Alma Mater, its graduates, faculty members, and students to the Alumni.

6. To assist and support the efforts in obtaining funds for development.

7. To guide and assist Alumni who have recently completed their courses of study to keep them engaged in productive pursuits beneficial to society.

8. To provide a forum for the Alumni for exchange of ideas on academic, cultural, and social issues of the day by organizing and coordinating reunion activities of the Alumni

9 The Alumni Association achieves these objectives by staging an annual program of events and reunions through communications, providing a range of discounts and services for alumni, and supporting student scholarships and other fundraising initiatives.

Procedure:

The Annual General Meeting is conducted after the financial year's completion but within six months from the end of the financial year.

Governing Council Meetings are conducted once in three months.

The agenda of the meetings are circulated to the members before seven days of the meeting.

The quorum of the meeting is 1/3 attendance of the members.

File Description	Document
Provide Link for Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

COLLEGE VISION

To be recognized as among the leading institutions imparting quality Engineering Education to produce world class professional to take challenges at global level. They will be pride of India.

Articulation of the vision

We believe in providing a quality technical education coupled with strong fundamentals and moral standards would enable students to excel in their respective field of study. We also empower students to perform better at their work place and become a better citizen

COLLEGE MISSION

To provide an environment of high academic and entrepreneurship for all those aspiring students, which will prepare them to face global challenges and maintaining high standards.

Articulation of the mission

The mission of the institute would be the reality if we could make the students into professionals with technical competence and managerial skills with no compromise on values and ethics. In the journey of accomplishing the vision, the institute strives to bring a holistic development of the students to fulfil the expectancies of the industry and society.

With visionary management, a team of dedicated faculty, and a set of devoted staff, and with comparable infrastructural and instructional facilities in a quiet and studious rural environment, VPS College of Engineering and Technology has emerged as a model among the self-financing colleges in Maharashtra.

The nature of governance, perspective plans and participation of the teachers in the decision making bodies

The Chairman leads the administration of the institution and guides Principal, faculty and students to work towards the vision of the institute. Based on the Vision and Mission of the institute and driven by the needs of the corporate world, society and stakeholders, the strategic plans of the institute are framed. All vital decisions regarding the commencement of new courses, expansion of infrastructure, formulation and promulgating of strategy are approved by the Chairman. The implementation process is further discussed with the Principal and Heads of the departments for execution.

The perspective plans are prepared by the Principal. The academic calendar (semester wise) scheduling the

internal assessment tests, industrial visits, conferences, workshops, seminars, FDPs, club activities, sports day, graduation day, NGO visits, celebrations etc. is prepared by the Principal after having discussions with the HODs and various committee members. The Principal ensures quality standards in teaching learning Process, evaluation system and other related activities. The Principal initiates various quality enhancement programmes in the institution and is assisted by HODs, Administrative Head, In-charges and Coordinators of various cells/committees in decision making process of the Institute.

HOD's prepare the operational plan for their respective departments with the concern of the Principal. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. HOD's conduct periodic meeting in the department The collective suggestions given by the faculty, students, corporate and other stake holders are discussed with the Principal. The Principal discusses with the Chairman and gets the approval. The approved decisions are circulated among the stakeholders for execution. The management ensures a smooth flow of information Top down and bottom up paving way for excellent team work among the stakeholders.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

The institute has a well-established administrative setup. Several committees are formed at institute level for appropriate coordination of the activities. Due departmental representation is ensured at institute level committees.

Some of the committees for internal coordination and monitoring are listed below:

1.Purchase Committee

2.Anti-Ragging Committee

3.Grievance Redressal Committee

4.Website Committee

5.Research Co-ordination Committee

6.Alumni Committee

7.Internal Complaints Committee (ICC)

8.Committee for college Magazine

9.Dead stock verification Committee

All the departments of the institute have departmental committees coordinated by faculty members and monitored by the Head of the Department to keep a check on academics for effective and efficient performance of the department. The service rules and regulations manual are at place for the employees of the institute. These manual details the duties and responsibilities, leave rules, code of conduct, qualifications for recruitment and scales of pay and promotion policy etc. of various categories of employees. The institute has well-designed website which displays all the important information. It also has well defined policy for carrying out various consultancy and research projects.

The institute has Chief Examination Officer (CEO) for coordinating with the departments and the students for university examinations and results, Librarian for Central library, Dean for Training and Placement Office, rector and warden for boys' and girls' hostel and mess, Estate officer for regular maintenance of infrastructure facilities in the campus.

The institute has various administrative departments headed by Principal for smooth functioning of administrative setup. The administration section looks after the faculty recruitment, implementation of various HR policies like leave management, promotion etc. of employees. The students section looks after for allotment of roll numbers, collection and issuing of documents like Bonafide certificate, college leaving certificate and other documents of importance. The scholarship section looks after implementing various public and private scholarship schemes for the benefit of eligible students. The examination section takes care of conduct of internal and external examinations by coordinating with SPPU. The accounts department looks after fee collection from students, salary disbursement of employees, maintaining records of all other financial transactions like purchases, bill settlements etc. It also looks after the financial statements, internal and external audits of the institute.

File Description	Document
Provide Link for Additional information	View Document

6.2.2 Implementation of e-governance in areas of operation

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

6.3 Faculty Empowerment Strategies

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

Response:

The institution has effective welfare measures for teaching and non-teaching staff. In our Institution Staff welfare is given foremost importance.

In connection with this, Existing welfare measure for teaching and non-teaching staff are itemized below:

Ø Faculty members are eligible for Earned Leave

Ø Advances for the school fee & festivals.

Ø Employee gets fees concession for their ward.

Ø As the Institution has a multicultural environment in the campus, the management ensures the celebration of all the festivals together.

Ø Sponsorships to attend and present papers in conferences both in India as well as abroad.

Ø Internet and free Wi-Fi facilities are also available in campus for staff

Ø Teaching and Non-Teaching Staff Club organizes tour, and sports activities for the staff.

Ø Faculty members can obtain admission for their wards in VPS School & Junior College as well.

Ø Faculty Development Program to enable faculty to visit foreign universities for study/ research

Ø 45 days - Summer and Winter Vacations for faculty members

Ø Faculty development programs(FDP) for faculty members on regular basis

Ø Skill development courses are organized for non- teaching staff to enhance their skills in work environment.

Ø Automation of attendance and leave using biometric system.

Ø All the faculty members who upgrade their research work through quality publications during the academic year are honoured by management and institute through research incentive scheme every year.

Ø The management also extends financial assistance to the needy students for pursuing higher education in our institution as per the requirement.

Ø All the staff members are treated on par with each other in obtaining benefits from the institution.

Ø Worker Engagement is a key perspective which helps to comprehend and portray, both subjectively and quantitatively, the nature of the connection between an association and its representatives.

Ø Motivation through counselling is also available for staff members to create a healthy working environment. This not only increases the work life balance of the employee; it also helps us in increasing the productivity and allows our staff to work effectively with complete satisfaction.

Ø Women Empowerment Cell is established for creating venues for women members to flourish and gain momentum. In a nutshell, the Institution strives hard to keep our staff happy and healthy.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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

Response: 9.64

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

2021-22	2020-21	2019-20	2018-19	2017-18
1	1	1	2	3

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Response: 8.09

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
2	2	1	4	2

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
11	11	11	10	10

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

The financial budget for the academic year is prepared by considering all the possible income and expenditure. Being a self-financed college, the primary source of income to the college comes from the fee paid by the students. Every year, the college fees is approved by the Fee Regulating Authority. Various funding schemes of SPPU under QIP are utilized for organization of conferences, workshops, Purchase of examination and sports related equipments. The Institute apply for various schemes of NSS and Student Welfare Department of SPPU and accordingly utilize the sanctioned funds for organizing various activities as per the norms of SPPU.

1. Resource Utilization Strategies

All the departments prepare a budget based on the requirements, such as the purchase of equipment, instruments, consumables, etc. The financial requirements of each department are compiled and forwarded to the Principal, who reviews the budget and presents it to the LMC for approval. The LMC after necessary modifications / corrections, it approves the budget.

2. Salaries of the Employees

The salaries of employees are paid as per the statutes and norms of the SPPU. The remuneration/honorarium is given to visiting/guest faculty for various academic events. The institute

supports the faculty and staff by way of partial payment of registration/travelling expenses whenever they attend seminars/workshops/conferences/FDP/ NPTEL courses etc.

3. Augmentation of Infrastructure

As per the requirement in syllabus, the infrastructure is augmented in terms of classrooms, laboratories, instruments, equipment, software, hardware and Furniture etc. The institute has a centralized purchase system, which ensures a transparent policy in procurement of all the items as per the allocated budget of the department.

4. Laboratory expenses and other Consumables

Funds are effectively utilized for the purchase of stationary requirement, computers, peripherals, instruments, Chemicals, Glassware and other consumables.

5. Repairs and Maintenance

The institute has a well-defined process for repairs and maintenance of civil work, electric work, annual maintenance work, Computer based repairs etc.

6. Library expenses

The institute allocate funds to the central library and the same is effectively utilized for the purchase of books, newspapers, magazines, journals and other e-resources as per the requirements of syllabus revision by the SPPU.

Institution conducts internal and external financial audits regularly

The copies of invoices, vouchers, and supporting documents related to the expenditure are maintained in the respective department, and the original documents are sent to the accounts department of the institute. All the documents are verified by the accounting officer, and discrepancies if any, are brought to the attention of the head of department for immediate rectification. The accounts department consolidates all the expenditures made in the financial year. The internal audit committee audit all of the account records periodically. During the internal financial audit, auditors raise objections related to finance and stock related reports, giving an opportunity to the college to address and rectify the same. They also give necessary guidance for improvement in account maintenance.

Every financial year, the external financial statutory audit is conducted by a chartered accountant. A comprehensive examination and verification of all the financial transactions are carried out. All observations and objections of the auditor are communicated through their report to the institute.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning. The IQAC was constituted on 2nd Nov 2022.

Now, it has been performing the following tasks on a regular basis:

1. Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students. 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 Audit and analysis of results for improvement in areas found weak. Students and staff give their feedback and suggestions on teaching and administrative performance through the Suggestion Box located in the institutional premises, or through email to the Coordinator, IQAC.

1) Feedback System

IQAC has developed an online pro forma of student feedback to gather information from the students about the courses of their study, their objectives, relevance, availability of learning resources, teaching methodology and so on. The feedback form remains available on various platforms of all the students, who are required to provide feedback on every course that they pursued in any programme at the end of each semester before they take their semester examinations.

2) Evaluation related issues

In order to advance the quality of teaching, learning, transparency in evaluation and to advance the concept of meaningful learning introduced a system of displaying answer scripts/booklets and discussing the answer scripts with the students after each semester examination. The students are provided this opportunity so that they see their own answer scripts after the evaluation, discuss their answers/responses with the teachers, and if they commit any mistakes, know about them and find out the ways to fix and rectify them from their teachers. This course of action was recommended by IQAC, as a quality initiative to enhance the quality of teaching, learning and evaluation. If any student has any concern in respect of evaluation, the matter can be brought to the Evaluation Grievance Redressal Committee (EGRC), which comprises HoD, one senior teacher and the teacher concerned who evaluated/ taught the subject/paper.

File Description	Document
Provide Link for Additional information	[View Document](#)

6.5.2 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality initiatives with other institution(s)/ membership of international networks**
3. **Participation in NIRF**
4. **any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

Response: B. Any 3 of the above

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

Criterion 7 - 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 and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

The Institute is a co-ed college. The management provides equal opportunities to all, irrespective of class, creed, gender etc. It is carried out in following ways:

- Special programs such as 'Celebration of International Women's Day', 'Awareness on Sexual Harassment', 'Health Awareness Program' etc. are arranged for girl students and women faculty members on regular basis within the campus.
- Institute provides equal opportunity for all to participate in administrative, co–curricular and extracurricular activities. The Institute also deputes women faculty members for orientation courses. Faculty members are nominated in different academic and administrative committees without any discrimination (gender, caste, religion).
- Special programs are organised for Girl Students such as Nirbhay Kanya Abhiyan. Such programs help the girl students to become stronger on emotional grounds as well as on physical grounds. The girls also participate in Sports and represent the Institute at various levels in various sport events.
- The institute gives equal opportunities to boys and girls to work as team leaders in various students' activities and allows them to become members of the students' council at institute level, which is formed at the beginning of every academic year.
- Women grievances cell is formed and it functions separately for the benefit of the women employees and girl students.
- At present the institute a healthy percentage and representation of women in the Human Resources of the Institute, as well as students in the campus.
- Girl students are encouraged to apply for different schemes / scholarships from various regulatory bodies, corporate and NGOs, etc. They are also encouraged to participate in sports events like Cricket etc. to showcase their talent.
- Four out of eleven heads of department are women. In addition, in all the institutional and departmental committees, women faculty members are assigned with important portfolios.
- An average of 40% of final year project groups comprise girl students for the last 05 years.

The institute is a co-educational institute and always strives to maintain a safe and secure environment for all the women staff and girl students.

- Creating a safe environment in the institute is the key responsibility of security officers who are deployed 24x7 hours at different entry points of the institute. The security officers deployed at the gate allow the students, visitors and staff after the verification of Identity cards.
- Institute has CCTV surveillance throughout the campus. CCTV is continuously monitored by Security personnel at the estate office, making the campus safe. CCTVs are also deployed at the Girls' Hostel ensuring safety of the girls residing in the Hostel.
- Proper lighting arrangements are provided throughout the campus at all key locations, classrooms and common facilities.

- There are separate gents and ladies wash rooms on each floor which are cleaned every day and hygiene is maintained.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Upload supporting document	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Our students are on a mission towards better India. They come together breaking the boundaries of religion and caste. The institution celebrates Days of National Importance like 'Independence Day' and 'Republic

day' with fervour and festivity. Death and Birth anniversaries of great personalities are celebrated meaningfully. College has constituted awards to the outgoing students with academic excellence in each department.

College makes high efforts and importance to celebrate national and international days. International Days are celebrated to mark important aspects of human life and history. Every year Gandhi Jayanthi was celebrated in college with cleaning activities in the nearby region of the college. Every year the college celebrates Independence Day with flag hoisting. On the very proud day for the Nation, the college students gathered together in the college portico for the auspicious flag hoisting ceremony at 9am. Every year college celebrates Republic day with flag hoisting. International yoga day is also celebrated in college to inculcate values that are necessary to render students into responsible citizens. Every year the college celebrates Engineers day with invited talk from eminent persons. Gandhi Jayanthi is celebrated in college which includes cleaning activities & swachha bharat activities in nearby regions of the college.

International Yoga day is celebrated in college to inculcate values that are necessary for responsible citizens. Constitution day is observed along with various programs as a mark of respect to Dr B R Ambedkar. The programme initiates with Preamble reading of the constitution followed by lectures on the sensitization of students on responsibility towards the constitutional values, rights, duties and responsibilities of citizens. Institute celebrates International commemorative days like Engineer's Day, Teacher's Day, World Environment Day, World Nature Day. International days are celebrated to educate and aware the students on issues of concern to address global problems. Institution organizes various activities for students to create awareness among the students

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.2 Best Practices

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

Response:

Best Practice-1

"Ek Muthi Anaj"-makes food for hungry people

The **Ek Muthi Anaj** campaign which was launched in 2013 is a growing movement today. Ek Muthi Anaaj is a people's campaign. We believe that with your contribution of a handful of grain, we can feed the world.

Traditionally, it was a custom in India to set aside one portion of food or grain to feed the poor & needy or even an animal that came to the doorstep. Ek Muthi Anaaj revisits this concept in a manner that's relevant

and implementable in modern society. We partner with schools, households and corporates to collect grain which is then distributed to the needy.

Best Practice-2

Zoophilist (Animal Lover)

Students and Staff members works as Pet Lover. In this we rescue snakes, animals, & birds from human residential area and free them in wild life and also guide people about various species. Animal shelters are vital resources for their communities. A shelter is a safe haven for animals, and a great place to adopt a new family pet. Shelters also provide critical services such as investigating cruelty and neglect, reuniting lost pets with their families, teaching kids to care about animals, and providing spay/neuter services to help reduce pet overpopulation Animal love or animal friendship is the feeling of affection people have towards animals. For most people, love for an animal is a part of the affection they have for their pet, an emotion of bonding or companionship which can border on affection, fondness, or love. For others it takes on deeper or even compulsive forms, surrounding themselves with often stray animals out of compassion and becoming somewhat isolated from society. At an extreme, a compulsive behaviour to care for animals can cause problems or even result in unintended animal abuse, as such people are not always capable of taking care of all the animals properly and neighbours often complain about the noise and smell. The love for animals stems from many causes. For many people, bonding to a pet or animal is a natural and valued process - children often do this very deeply, as do many adults who consider themselves animal lovers. For some people, strong ethical stances are also a part of their love for animals - for example, in connection with or related to conservationism, environmentalism, and/or veganism/vegetarianism. One can love animals out of a general respect for nature and the environment, or become a vegetarian or conservationist out of one's love for animals. We have rescued many varieties of snakes. We also help street dogs and Cats for adoption, up till now we have help more than 150 street dogs and cats with adoption.

File Description	Document
Best practices as hosted on the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Institutional Distinctiveness

The college is situated in the vicinity of Lonavala Hill station. Accordingly, it caters to the educational

needs of the learner with diversified sections of society through the best possible support facilities which will help to boost their forte. The college focuses on distinctive execution of teaching and learning processes through facilitating the improvisation strategies to empower academic progress of the students.

In the attainment of our vision, college works vigorously on the various value based strategies such as up gradation of staff, smart classrooms, promotion to research, socio-economic-environmental initiatives, placement and so forth, in addition to the quality academics. We always strive on innovative plans for the overall development of the students.

Areas of Priority and Thrust:

1. Proximity to the Highway - the institution is located at a stone's through-away from the Pune Mumbai State highway exactly before the Toll Gate while travelling from Pune. It is only 60 min distance from the Pune airport. The nearest railway station is located within 15 minutes' drive.

2. Pollution free campus – located away from the pollution of the cities, in the serenity of nature, the college has been a lovely environmental. This campus proves the peaceful environment for the teaching-learning.

3. Green Campus – the greenery inside the campus is not only natural, but also added up by the efforts of the staff, faculty and students in the institute. The lush green 10.5 acre campus provides enough space for the development and continuation of development of greenery in the premises.

4. Suitable to the travel – proximity to the means of transport for the staff and students makes the institute an ideal set-up for continuation of education for the students from the rural background. PMPML bus communication (for Staff and Students) makes it easier for the people from rural background and not well to do family students to educate their kids and helps support the education of the underpreviledged.

File Description	Document	
Appropriate web in the Institutional website	[View Document](#)	
Any other relevant information	[View Document](#)	

5. CONCLUSION

Additional Information :

Vidya Prasarini Sabha, Pune was established in the year 1923 with an objective in mind to provide education to children from diverse background. In the past 99 years, this bud has grown into a big banyan tree. Vidya Prasarini Sabha now has more than 28 branch institutes.
Vidya Prasarini Sabha is now providing education in every domain like D.Ed, B.Ed, English Medium Schools, Higher Secondary schools, Junior Colleges, BCA, BCS colleges, Pharmacy, Hotel management, Engineering & Technology

Concluding Remarks :

In the centenary year the Vidya Prasarini Sabha's Institutes will make a landmark entry into new domain. The first step at this begining of the 100th year is the accreditation of NAAC of the undergraduate colleges.

Our esteemeed College of Engineering and Technology (http://www.vpscet.in/) would be one amongst the institutions in the group to be NAAC accredidated in the year of 2023