SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

POOJYA SANE GURUJI VIDYA PRASARAK MANDAL'S D N PATEL COLLEGE OF ENGINEERING, SHAHADA

P.O.BOX NO 61 SHAHADA

425409

https://www.coeshahada.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

October 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Poojya Sane Guruji Vidyaprasarak Mandal was established by Hon. Annasaheb P. K. Patil in the year 1969. Today it imparts quality education in Engineering, Pharmacy, Arts Science & Commerce, Agriculture, Polytechnic, etc. All the institutes are approved by the Government of Maharashtra and recognized by respective regulatory authorities.

D.N. Patel College of Engineering, Shahada was established in 1983 with a vision of "Rise and Avail the Opportunities". The Institute is currently affiliated with Dr. Babasaheb Ambedkar Technological University, Lonere. The Institute initially started with 3 UG programmes with an intake of 180. The institute has laterally expanded with 6 UG programs.

The Institute has been augmented with a new infrastructure that interplays intelligent design and space articulation with ergonomically designed classrooms and laboratories having an impressive aesthetic look. The classrooms and seminar halls are spacious, and multimedia-enabled, along with high-speed internet and Wi-Fi facility.

The laboratories are well-equipped with the latest equipment, software, and components. The library has a rich collection of printed as well as electronic resources including subscriptions to a large number of national and international journals, magazines, and periodicals.

The institute focuses on the overall development of students by providing adequate facilities for sports, co-curricular, and extra-curricular activities.

The institute has well-maintained lawns, trees, and handy plantations leading to a healthy and pleasant environment.

The institute has touched the height of merit in engineering education. Qualified, veteran, and proficient faculty is the backbone of the Institute which is involved in teaching-learning process to achieve academic excellence.

Vision

To be recognized as an international leader in engineering education, research and the application of knowledge to benefit society globally.

Mission

To mould young generation to new technology of high order that can meet the challenges in the fast-developing technological world by shaping discipline, competence and character of technocrats.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Premier higher education Institute in a tribal area offering a variety of UG programs.
- Qualified, experienced, and dedicated faculty with an attitude to excel in the profession.
- State-of-the-art building infrastructure and laboratory facilities.
- Clean and green campus.
- Focus on co-curricular, extra-curricular, and extension activities leading to the holistic development of the students.

Institutional Weakness

- Quality research publication is fewer in number.
- Lack of developing innovative concepts to get national/international patents.
- Due to the distant and tribal location, difficult to host selection/placement drives resulting in a low placement ratio.

Institutional Opportunity

- Scope for strengthening the industry-institute interaction for improving placement ratio.
- To create a research culture among faculties and students by interacting with reputed institutions.
- Participation in collaborative projects/activities with industries/other institutions for better exposure of students and faculties.
- To develop entrepreneurship in students by establishing an incubation cell.
- Raising funds from other sources to make the institute financially sustained.

Institutional Challenge

- Convincing reputed industries to conduct selection/placement drives in the institute.
- Generating funds for research and development activities.
- Facing competition from emerging institutes in the region.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Poojya Sane Guruji Vidya Prasarak Mandal's D N PATEL College of Engineering started in 1983 and has been affiliated with Dr. Babasaheb Ambedkar Technological University, Lonere since 2017. The Institute was previously affiliated with KBC North Maharashtra University, Jalgaon, and Pune University. The institute is known for its excellence in education in tribal areas.

The Institute focused on effective implementation of Outcome Based Education for all programs.

The faculty members are involved in the planning, execution, and implementation of the DBATU curriculum. Faculty members are involved in organizing a faculty development program for its effective implementation for

all faculty members.

The experienced faculty members are involved in University examinations paper setting. The faculty members also contribute actively in paper assessment under DBATU, Lonere.

The institute provides academic flexibility by offering project-based learning, audit courses, elective courses, internships, mini-projects, and final-year projects.

The institute has organized various add-on courses, online certificate courses, seminars, workshops, and skill development courses in emerging fields to improve the employability of students across all departments.

In the current curriculum, the University has given more emphasis on cross-cutting issues related to human values, professional ethics, environment, and sustainability through different audit courses.

In every year, feedback is taken from all the stakeholders such as students, employers, parents, and alumni. After analyzing the feedback, corrective actions are taken. During the COVID-19 pandemic situation, Information and Communication Technology (ICT) was widely used for teaching learning.

Teaching-learning and Evaluation

Student admission at the Institute is centralized and directed by the DTE, Mumbai. The institute supports this admission process by being one of the ARCs for applications to the engineering discipline. Counseling is done for all aspiring students regarding careers, selection of programs, financial support, scholarships, and prospects available for students.

The institute consciously plans its strategies which comprise care for differently abled, economically backward, and tribal students. Special support in infrastructure, library facilities, and finance is provided to the said category of students.

The students are informed about the various support cells like Anti-ragging, Grievance redressal, and Women's redressal at the first-year induction program. Coordinators of the cell create awareness and support the students for any issues.

The teaching-learning process at the Institute is a blend of traditional and modern teaching methods. The institute provides all the support and resources needed for implementing ICT and non-ICT pedagogical methods. Open-source software / open educational resources are encouraged in the teaching process. Industrial visits, study tours, and implant training are regular features to have practical exposure. Real-time and interdisciplinary projects are encouraged. The institute organizes expert lectures, seminars, and workshops to enhance advanced learning. The institute organizes one industrial visit and one study tour every year at all the departments Value added courses to bridge the gap in curriculum are prominently adopted by the institute.

The institute has a blend of young, qualified, experienced, and competent faculty. The Institute adheres to the prescribed statute of AICTE in the recruitment of faculty. There are currently 51 faculty members with 3 Ph.D. holders, 10 are pursuing Ph.D., and 38 have PG degrees in their respective disciplines. Faculty members are trained to use pedagogical methods for effective teaching.

The institute follows the policies and procedures of DBATU Lonere in the conduction, evaluation, and reforms

of examination. An examination committee is in existence at the Institute which ensures the smooth facilitation of examination at the Institute.

Student student-centric approach has led to good outcomes at the university examinations. The learning outcomes of each program and course are defined by the university and at the institute levels. Implementation of the curriculum is done to achieve these learning outcomes.

Research, Innovations and Extension

The Institute encourages the staff for the research right from the undergraduate program. The college promotes a thriving research environment. Faculties are encouraged to participate in Technical Seminars, Workshops, National and International Conferences and publish papers. The Institute takes numerous initiatives for awareness and promotion of research spirit in the faculties. The active participation of faculties in research shows the energetic environment of our Institute which leads to continuous development of the society.

The institute has three recognized research laboratories namely Civil, Mechanical, and Instrumentation Engineering under the affiliation of KBCNMU, Jalgaon, with an objective to promote and encourage researchers and development activities. Three faculty members have been recognized as Ph.D. guides. Under this, more than 10 candidates are registered for their doctoral programs. There is a good research culture in the college.

The team of faculty members has participated in and presented their research paper at International/National conferences and books have been published. Also, the faculty members published their research papers in peer-reviewed journals in various domains.

Institute faculty have published around 82 research papers in peer-reviewed/reputed journals most of them having high-impact factors, 5 books /chapters. They have received 15 awards and recognitions for academic and research contributions, nominations, and prestigious awards. Faculty have organized, participated, and presented their research work as well as delivered invited talks in numerous national and international conferences/seminars/workshops.

The institution has MOUs in collaboration with various industries and corporate sectors in order to offer internships, in-plant training, and field trips for the upliftment of the student's skills.

The institution has extended collaborations with a number of agencies, which has resulted in enriching technical education and educating beginner technocrats in various technology

The institution is actively involved in extension; training and outreach activities like the Swachcha Bharat, Blood donation, Yuva Swasthya -Vaccination drive, and Unnat Bharat, etc. College celebrates Independence Day and Republic Day to promote national integration volunteered by the faculty and campus students.

Infrastructure and Learning Resources

The management of P.S.G.V.P. Mandal's D.N. Patel College of Engineering, Shahada, has developed adequate infrastructure and learning resources on the campus to achieve its objective of excellent technical education.

Despite being located in a tribal area of Maharashtra and close to the borders of Gujarat and Madhya Pradesh, the Management of PSGVP Mandal's D.N.Patel College of Engineering Shahada has developed adequate infrastructure and learning resources in the campus to achieve its objective of excellent education.

The campus has nearly 18 spacious classrooms, a seminar hall equipped with LCD projectors and smart boards to facilitate the modern teaching methods to be adopted, 53 well-equipped laboratories, a workshop, a computer center, a well-stocked library, an administrative block, a boys and girls hostel, a spacious playground, a gymnasium, and an indoor stadium. The college has two indoor auditoriums and one outdoor amphitheater, an ATM, a cafeteria, power backup with one generator and UPS, photocopiers, an RO plant with a water cooler, a cardiac ambulance, and Wi-Fi connectivity throughout the campus with 100 Mbps and 400 Mbps connections. The campus is under surveillance by CCTV cameras. Every department is equipped with computers, laptops, scanners, and printers, along with internet connectivity.

New facilities have been augmented during the last five years in several classrooms and laboratories.

The aim of the library is to provide easily accessible knowledge in a networked environment and offer a wide collection of textbooks, reference books, and handbooks with 9,268 titles and 48,246 volumes in various formats. In addition to traditional resources, the library offers a substantial collection of e-journals, e-books, and databases. It's fully automated with a barcode system, Web-OPAC for book searches, and memberships to the National Digital Library of India and DELNET.

ICT resources have been sufficiently strengthened in the institution, with the Computer to Student ratio being about 1:2.14.

Various expenditures have been incurred on maintenance and renovation works in the college.

An in-house civil engineer, a system administrator, and a technician are appointed for the purpose of maintaining the building and equipment. An electrician is appointed to supervise the well-being of electrical fixtures and electrical connections in the college.

Student Support and Progression

The institute ensures student support and progression through various schemes for the students: they receive financial assistance as scholarships from the state government, and the central government based on eligibility criteria that are laid down by the regulatory bodies. Central government offers minority scholarships for students and institute students avail the same. Students belonging to SC/ST/OBC categories avail scholarships/freeships from the state government. Scholarships/freeships are given by the state Government of Maharashtra based on parental annual income. The institute also spends a significant amount on the economically weaker section of students.

Skill development programs are arranged by the institute. The institute has a dedicated language laboratory. In addition, various programs for capacity development and guest lectures are arranged by all departments to enhance soft skills.

The institute has a state-of-the-art sports complex. Students are encouraged to participate in extracurricular and co-curricular activities such as technical fests, cultural events, sports events, etc. which are organized by the institute, the university, and other institutions.

The institute encourages the students to prepare for various competitive examinations. As a result, the students appear and qualify in various competitive examinations.

The institute has a structured mechanism for career guidance and placement of students. There is a separate training and placement cell headed by a Training and Placement officer with faculty coordinators from each department as a member.

The institute has a student grievance redressal cell. The cell takes care of student's grievances. The cell has online and offline grievance redressal mechanisms.

The institute also has an Anti-ragging committee and an Internal Complaint committee for women's grievances. These committees conduct regular meetings. To date, no incident of ragging and sexual harassment of any kind has been reported or noticed in the institute.

The institute has a functioning Alumni Association. The institute organizes Alumni Meet regularly.

Alumni are invited to deliver expert lectures, evaluate student projects, and interact with current students to guide them by sharing their experiences in the industry.

Governance, Leadership and Management

The D.N. Patel College of Engineering, Shahada, operates under the governance of Poojya Sane Guruji Vidya Prasarak Mandal, following a decentralized and participative system. Aligned with its vision and mission, the institution actively implements the National Education Policy (NEP), reflecting curriculum changes, pedagogical shifts, and infrastructure improvements.

The Governing Council, led by the Chairman, ensures sustained institutional growth through participatory decision-making. A decentralized approach is evident in the College Development Committee's (CDC) Perspective Plan, where faculty representation ensures inclusive decision-making. The Principal oversees institutional matters, fostering a balance between centralization and decentralization.

The institute engages in e-governance across various operations, including administration, finance, student admission, and examinations. The effective functioning of institutional bodies, such as the Board of Governors, CDC, and IQAC, underscores sound governance.

Performance appraisal for teaching staff follows a comprehensive Academic Performance Indicator system. The faculty undergoes regular feedback and assessment, contributing to continuous improvement. Welfare measures include professional development opportunities, health schemes, and facilities like secure parking, restrooms, and recreational spaces.

The institute demonstrates a commitment to faculty development through financial support for conferences/workshops and membership fees. The focus on staff welfare includes provisions for EPF, insurance, loans, and medical leaves. Various amenities, from clean drinking water to CCTV surveillance, contribute to a conducive work environment.

Financial management involves budget planning, internal audits, and external audits by certified accountants. The institution's strategies ensure optimal utilization of resources, and grants from non-government bodies

enhance financial stability.

The Internal Quality Assurance Cell (IQAC) plays a pivotal role in institutionalizing quality assurance strategies. It conducts academic audits, workshops, and activities to enhance employability skills. Learning outcomes are assessed through defined norms, contributing to incremental improvements over time.

In summary, the institute demonstrates a commitment to governance, leadership, and management aligned with its vision. The institution emphasizes inclusivity, decentralized decision-making, and continuous improvement, ensuring a quality educational experience for its stakeholders.

Institutional Values and Best Practices

Gender sensitization programs for creating awareness about educating girls, and women's development, through the Women Development cell.

CCTV cameras are installed at strategic locations for continuous surveillance of the premises and for heightened security in the college.

The sexual harassment committee and Anti Ragging Committee are also operating in the college to safeguard female students.

In addition, the college has a duly constituted Discipline Committee, and Student Advisory Committee to ensure safety and to protect the interests of students.

The college is providing 2 Sanitary Napkin Vending Machines with 23 pads capacity.

Computer CRT monitors are replaced by LED and LCD monitors.

The electrical department has monitored & taken the initiative of conserving electrical energy by improved power factor.

Rainwater is collected in APJ Abdul Kalam Hall and transported through a pipeline to the sump well already constructed near the workshop.

The institute has restricted the entry of vehicles, imposed a ban on the use of plastic, and encouraged paperless work under Green Campus initiatives.

The institute has a barrier-free environment built with ramps for easy access to various facilities for differently-abled persons.

Most of the official communications like notices, program communications, and minutes are shared through SMS, WhatsApp, or e-mails.

Under human values and ethics bounded by constitutional obligations institute celebrates various days every year like Independence Day, Yoga Day, Republic Day, National Unity Day, and National Voter's Day.

Under best practices, our college organizes free health camps for various diseases like Cardiovascular, breast

cancer, Ortho diseases, child disease, etc.

The institute organizes free medical camps every year on the occasion of the birth anniversary of Hon. Annasaheb P.K. Patil, founder of PSGVP Mandal.

Trees help Earth by purifying the air and absorbing the carbon from the atmosphere. Our institute has started this activity of celebrating our staff member's birthdays by planting birthday trees and seeing our birthday tree growing as we grow. As usual, everyone felt really delighted while planting on their birthday.

To reduce and check the carbon footprint in the campus we perform energy audits & green audits every year.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	POOJYA SANE GURUJI VIDYA PRASARAK MANDAL'S D N PATEL COLLEGE OF ENGINEERING, SHAHADA
Address	P.O.Box No 61 Shahada
City	Shahada
State	Maharashtra
Pin	425409
Website	https://www.coeshahada.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Nitin Jagannath Patil	02565-229649	9860678868	-	principal@coeshahada.ac.in
IQAC / CIQA coordinator	Vinod Shantaram Mahajan	02564-8983284783	9422612783	-	vinodsm@rediffmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	Yes Minority_Certificate_PSGVPM_Marathi_Eng.pdf
If Yes, Specify minority status	
Religious	
Linguistic	Gujar
Any Other	

Establishment Details		

State	University name	Document
Maharashtra	Dr. Babasaheb Ambedkar Technological 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	15-05-2023	12	

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	P.O.Box No 61 Shahada	Tribal	34.53	26184

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	BTech,Computer Engineering,Computer Engineering	48	HSC	English	60	57
UG	BTech,Civil Engineering, Civil Engineering	48	HSC	English	60	14
UG	BTech,Electronics And Telecommunication Engineering,Electronics and Telecommunications Engineering	48	HSC	English	48	38
UG	BTech,Electrical Engineering,Electrical Engineering	48	HSC	English	60	21
UG	BTech,Mechanical Engineering,Mechanical Engineering	48	HSC	English	60	9
UG	BTech,Instrumentation Engineering,Instrumentation	48	HSC	English	48	11

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	5				11				41			
Recruited	3	0	0	3	7	0	0	7	37	4	0	41
Yet to Recruit	2				4				0			

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				24
Recruited	22	2	0	24
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				9
Recruited	9	0	0	9
Yet to Recruit				0

Qualification Details of the Teaching Staff

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/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	0	0	1	0	0	0	0	0	3
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	1	0	0	6	0	0	37	3	0	47
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	1	0	1
UG	0	0	0	0	0	0	0	0	0	0

Part Time 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

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

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	101	2	0	0	103
	Female	54	1	0	0	55
	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	42	46	43	38
	Female	20	19	16	18
	Others	0	0	0	0
ST	Male	85	98	93	71
	Female	51	59	51	46
	Others	0	0	0	0
OBC	Male	284	285	286	328
	Female	177	161	181	223
	Others	0	0	0	0
General	Male	64	73	69	80
	Female	22	23	24	28
	Others	0	0	0	0
Others	Male	224	234	283	297
	Female	46	32	46	51
	Others	0	0	0	0
Total		1015	1030	1092	1180

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The institute follows the curriculum guidelines provided by the university. The students can select interdisciplinary/multidisciplinary subjects/courses as major/minor degrees as mentioned in the guidelines.

2. Academic bank of credits (ABC):	As per the instruction of the university, each student have created their ABC id via Digilocker and details of the same are provided to university for attaching credits earned by students during academic years.
3. Skill development:	The institute conducted different workshops/webinars/training sessions for the skill development of students.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The institute does not provide any course(s) for integration of the Indian Knowledge System (IKS).
5. Focus on Outcome based education (OBE):	The institute has designed its teaching-learning process with a focus on Outcome-based education (OBE). The curriculum, test papers, and exam papers are designed with the help of Bloom's Taxonomy. The results are also analyzed for assessment of achieving the goals.
6. Distance education/online education:	The Institute does not offer any distance education/online education course(s).

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	The institute has set up an "Election and Voter Committee" consisting of three faculty members.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	The following faculty members are appointed as coordinators in the committee: 1) Prof. K.T. Patil 2) Prof. C.C. Patil 3) Prof. A.B. Koli The committee conducts meetings related to initiatives for Electoral Literacy.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	No such initiatives are undertaken by the committee.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research	The institute has conducted an "Online Essay & Meme Competition" on topics related to Electoral

projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	Literacy. The competition was conducted on "National Voters Day". On the day the students and faculties are also gathered to take pledges on Electoral Awareness and Dignity.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The committee visits various departments of the institute to make students aware of the voter registration process and encourage students above 18 years to get enrolled as voters whose enrollment remains.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1015	1030	1092	1180	1077

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

2 Teachers

2.1

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

Response: 84

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

2.2

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

2022-23	2021-22	2020-21	2019-20	2018-19
68	69	73	56	64

3 Institution

3.1

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

2022-23	2021-22	2020-21	2019-20	2018-19
86.8	70.8	49.7	101.4	95.1

File Description	Document
Upload Supporting Document	[View Document](#)

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:

The institute plans and monitors the activities for effective implementation of outcome-based education as per Dr Babasaheb Technological University, Lonere's Academic Calendar.

Process for Effective Curriculum Planning:

- The institute is affiliated with Dr Babasaheb Technological University, Lonere, and follows the curriculum prescribed by it.
- The teaching load is distributed among all faculty members as per norms considering their area of interest before starting the semester.
- Academic planning starts with the preparation of an Institute calendar by referring to the calendar published by Dr Babasaheb Technological University, Lonere.
- Departmental academics are scheduled in accordance with the Institute calendar.
- Before the commencement of the semester, the academic preparation is done by the faculty members. It includes teaching plans, course files, lab manuals, question banks, and assignments.
- The gaps are addressed by conducting virtual lab experiments, expert talks, industry visits, projects, internships, etc.

Process for Effective Curriculum Delivery:

- The Institute provides well-maintained classrooms with a smart board, LCD projector, and internet connectivity for effective curriculum delivery. In addition to these NPTEL videos, content from online courses and webinars is used by faculty members for the enhancement of the curriculum.
- Each department assigns a class teacher. Performance and attendance of all students are regularly communicated to parents through the class teacher. Each department regularly evaluates students through a continuous assessment system using class tests, practicals, orals, assignments, tutorials, etc.
- During a pandemic, online tests such as unit tests, mock tests, in-semester examinations, and preliminary examinations were conducted using Google Meet/Zoom apps.
- The institute has formed various institutional and departmental functional committees to focus on specific areas such as academic monitoring, timetables, internal examinations, and results, technical events, etc.
- Academic audits of all courses are conducted in a semester and reports are submitted to HODs and Principal for information and necessary corrective action.
- The institute encourages faculty members to organize and attend faculty development programs

to enrich their subject knowledge, to enhance interaction among peer groups at the university and industry levels.

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

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 18

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 3.45

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
30	20	52	71	13

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 in transacting the Curriculum

Response:

The syllabus for different programs includes courses related to professional ethics, gender equality, and human values for building best character in the students, environment, and sustainability into the curriculum for the benefit of society.

Professional Ethics:

- Communication skills are introduced in the curriculum for all disciplines to learn the importance of ethics for social and business etiquette.
- A soft skill course in civil engineering is added as an audit course to make students aware of self-management, time management, and interpersonal and computing skills.
- Industrial Engineering and Management is covered in Mechanical Engineering to study different management tools, which are to be implemented by students for the better productivity of an organization.

Gender Issues:

- Boys and girls participate in curricular as well as extracurricular activities.
- Equal representation of girls and boys in different committees like Tech-Fiesta, sports, cultural, etc., is maintained.

Human Values:

- The Basic Human Rights course is introduced in the second year of all courses to raise awareness about the rights of human beings and the constitution among students, and also make them able to help the society.
- The institute organizes programs such as Swachhata Abhiyan, Blood Donation Camp, etc. for the benefit of society.
- The course namely Value Education, and Human Rights and Legislative Procedure are added in Instrumentation Engineering curriculum to study human values and legislation.

Environment and Sustainability:

- Mechanical engineering students are learning about subjects like Solar Energy, Renewable Energy Sources, and Non-renewable Energy Sources which aim to create awareness about clean

energy for environmental sustainability.

- The Energy and Environmental Engineering course is introduced in all courses in the first year, focuses on different types of non-conventional energy sources for a sustainable environment.
- In the current curriculum, internships are made compulsory across all the programs to provide opportunities for students to get familiar with various modern tools and technologies in industries and to nurture professional and social ethics, and to create awareness about social, economic, and administrative activities in industries.

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

1.3.2

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

Response: 65.12

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

Response: 661

File Description	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

Response: C. Feedback collected and analysed

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 42.2

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
193	151	107	155	151

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

2022-23	2021-22	2020-21	2019-20	2018-19
336	354	354	354	396

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 0

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1

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

Response: 14.93

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The institute puts more emphasis on increasing the learning abilities of students. The following initiatives are taken to enhance the learning experiences of students:

- NPTEL videos are available in the institute for students to improve their learning.
- The departments organize project exhibitions for final year students which helps them to improve their participative learning. Such competitions also help students from lower classes to understand engineering concepts.
- The teacher uses real-life problems, live demonstrations, quizzes, seminars, and assignments during theory and practical sessions.
- Students are suggested to read technical magazines and newsletters to get knowledge about the latest technological innovations.
- The institute organizes Tech Fiesta every year for the exposure of students to develop their learning skills.
- The students are also encouraged to consider real-life problems and to get sponsorships from various industries for their final-year projects.
- Students are encouraged to do internships in industries for relevant fields.
- Each department arranges Industry Visits for students to make them aware of technical innovations and industrial expectations.
- Students are encouraged to complete Industry recognized certifications like NPTEL, SWAYAM, etc

The institute has facilities for ICT-based teaching in addition to Traditional teaching methods. Following are the key steps taken for the effective teaching-learning process:

- There are 18 classrooms and seminar halls with ICT-enabled facilities.
- The faculty members use PPT, Videos, Audio Clips, etc. for a better learning experience.
- The institute has set up a dedicated lab under the NPTEL Local Chapter, where students can access videos to complete certification.
- The faculty members prefer the G-suite for facilities like a Learning Management System (LMS), online lectures, e-resource sharing, online tests, etc.

For sample, some of the activities along with proofs are uploaded here.

File Description	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: 91.41

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
68	69	73	73	78

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document

2.4.2

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

Response: 6.36

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

2022-23	2021-22	2020-21	2019-20	2018-19
5	4	4	4	4

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	View Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	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 institute ensures that all the evaluation reforms of the university are effectively implemented. The principal checks circulars, and orders from the university and conveys the information to all HODs. The HODs of different departments convey the information to faculty members and students for understanding. The HODs make sure that the Continuous Assessment and Mid Semester Examination must be conducted for each course in every semester.

The internal examination coordinator will make the necessary arrangements for the smooth and proper conduct of these examinations. The HODs also monitor that the faculty must carefully evaluate the answer sheets of students.

At each department, the results of examinations are submitted to the internal examination coordinator who generates the final marks list. The final marks list is conveyed to faculty members and displayed on the notice board for students.

The students after checking their internal marks can contact to respective subject in-charge within a week, for any discrepancy or grievance. The subject in-charge after validating the request takes necessary actions. If the grievance is not resolved at the faculty level the student can contact superior authorities for the same. The authorities will take necessary actions within 15 days.

File Description	Document
Upload 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

Response:

The institute has stated learning outcomes in terms of Program Educational Objectives (PEOs), Program Outcomes (POs), and Course Outcomes (COs) for all programs offered by the institution. These are published on the website of the institute. The COs of different courses (subjects) offered by a department are published on the webpage of the respective department. For sample, some of the COs along with mapping are uploaded here and the sample web link of COs of the Computer Engineering Department is provided.

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

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

The program and course outcomes enable students to understand the importance and purpose of the respective subject. The attainment of the POs and COs are evaluated as follows:

- The attainment of course outcomes is evaluated based on continuous assessment of students.
- In theoretical subjects, the results of students in Mid Semester Examinations are also considered for evaluation.
- The performance of students in university examinations is also an indicator of course outcomes and program outcomes.

Collectively, all these evaluations are combined to yield the attainment level of COs as 3 - High, 2 - Medium, 1 - Low, and 0 - Not Attained.

For sample, some of the CO attainments are uploaded here.

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

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 88.26

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

2022-23	2021-22	2020-21	2019-20	2018-19
175	282	357	364	213

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

2022-23	2021-22	2020-21	2019-20	2018-19
295	297	357	365	262

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.6

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

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: 24.55

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

2022-23	2021-22	2020-21	2019-20	2018-19
0	1	0	0.75	22.8

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, Indian Knowledge System (IKS),including awareness   about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

P.S.G.V.P. Mandal's D.N. Patel College of Engineering Shahada has been working continuously to create an innovative environment and development of practices for the benefit of students, faculties, and society at large. In order to provide service to society, various activities and initiatives have been taken up. Research being the institute's major thrust area was strengthened by creating research. The policy is focused on promoting research and systematic monitoring of research works. The Research Policy was laid down bearing in mind the necessity of promoting the research environment and culture among the faculty members which is available in the central library and departmental library for easy access to faculties. All faculty members follow the policy to establish a research environment in the institute. The Research & Development initiatives aim to build research attitudes for faculty.

The institution has developed an ecosystem with instantaneous trends for the transfer of knowledge, collaboration for faculty exchange programs, Functional MOU for dissemination of knowledge and

information to the stakeholders, and for other research academic activities. Transfer of knowledge at the institute level involves interdependence and interdependence between different faculties and other institutions.

These include the following:

- D. N. Patel College of Engineering Shahada encourages students to create new knowledge and ideas apart from obtaining knowledge from the syllabus. The activities undertaken by the student societies have created an Eco-system for Innovation and transfer of knowledge.
- The various departments of the college support students in undertaking field study and writing project reports. Also, the department encourages the students and faculty to publish a Peer-reviewed Journal paper listed on the UGC care list during the last five years
- Moreover, the college organizes departmental Seminars and workshops, including on Research Methodology and Intellectual Property Rights (IPR) conducted during the last five years from time to time which provide opportunities for students to acquire new knowledge.
- Faculties publish Books and chapters in edited volumes/books published and papers published in national/ international conference proceedings during the last five years.
- The faculties of the college have been involved in sensitizing and making the community aware of various issues from time to time.

Initiatives are taken towards promoting research activities:

1. Study leave for faculty pursuing Ph.D. under different fellowships
2. On-duty leave for Ph.D. coursework.
3. Training for writing papers helping faculty each other.
4. Leave for presenting papers at the conference.

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: 10

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**

2022-23	2021-22	2020-21	2019-20	2018-19
2	1	2	2	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: 0.5

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

2022-23	2021-22	2020-21	2019-20	2018-19
6	6	16	9	5

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[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: 0.17

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**

2022-23	2021-22	2020-21	2019-20	2018-19
7	0	1	4	2

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The institution has regularly and successfully carried out various extension activities in the neighborhood by sensitizing students to different social and environmental problems. The college has identified itself with the community and encouraged the stakeholders to get involved in social work. This helps in fostering their holistic development and also benefits the community. The institutions are actively involved in helping students to do some community development work for the resolution of different social and environmental issues. The college has active participation of teachers and student volunteers involved in community development programs at neighborhood localities.

Under the initiative of Unnat Bharat Abhiyan, by the Ministry of Education (formerly Rural Development), the institute has extended its activities to different villages in an attempt to bring about the light of socio-economic upliftment of the families. The students undertook a comprehensive survey of these villages and the same was analyzed for the identification and selection of various development activities. As a result, the students are sensitized towards various problems of society, and gradually they deviate from the count of rewards and evolve as couth and conscientious professionals, who take up the duty for the betterment of society with good grace.

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

3.4.2

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

Response:

Our Faculties are awarded in many events. The faculties regularly participate in various activities, competitions, and events.

- Our Principal is working as a member of the academic council and member of the board of studies of the DBATU University.
- A number of faculty members are working as Chairmen and members of the university LIC committee.
- Three faculty members are working as PhD guides.
- Two of our faculty members are awarded Ph.D. and two students are awarded Ph.D. from the institute's Research centre.
- One of our faculties has been awarded elite gold recognition with the first rank in NPTEL online certification.
- Some of our faculty were awarded elite silver recognition in NPTEL online certification.

A number of faculty members were mentors in the NPTEL online certification.

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

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 5

3.4.3.1 **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
2	2	0	0	1

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[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: 10

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

27-01-2024 04:41:00

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

P. S. G. V. P. Mandal's D. N. Patel College of Engineering Shahada (Dist-Nandurbar) is spread over 12.24 acres of land with a total built-up area of 19417.908 sq. m. It is located in the tribal area of Nandurbar district and near Gujarat and Madhya Pradesh Border. It has all the infrastructure and Physical facilities as per AICTE, DTE, Maharashtra, and DBATU, Lonere norms for facilitating the teaching-learning process, extra-curricular activities, and co-curricular activities.

The institution has excellent infrastructure facilities like spacious classrooms, laboratories, Computer Centre, workshop, Drawing Hall, library, seminar halls, auditoriums, amphitheater, administrative block, Store, Playground, Indoor stadium, Cafeteria, separate Common rooms, and Hostel facilities for Boys and Girls are available. There are a total of 18 classrooms and 03 Seminar halls available with Smartboard, Portable LCD Projector, whiteboard, and Laptop along with Wi-Fi facilities. To synchronize theoretical and practical knowledge with the students, there are well-equipped 53 Laboratories and 01 workshops available conforming to the syllabi norms. They are given free hand to perform laboratory experiments and carry out project works under the supervision of qualified and experienced faculties.

Well-stacked library functioning from 11.00 am to 5.30 pm. The library has a subscription for online resources such as e-journals, e-books, Databases, etc. in addition to regular books, journals, newspapers, etc.

Extra-curricular and Enrichment cell is active in nurturing students' hobbies in various arts like music, Singing, dancing, drama, Social Gathering, Traditional Day, Mimicry, Painting, Rangoli, Ramp Show, Mono acting, and photography through different cultural and student-centric activities throughout the year.

Sports facilities are provided to students. We provide facilities for both indoor and outdoor activities. Volleyball, basketball, football, cricket, baseball, softball, kabbadi, and athletics all have Outdoor facilities. Indoor facilities include a badminton court, table tennis, chess, and caroms for both boys and girls. An exclusive gymnasium with required equipment is available for the students and faculty to maintain fitness. Motivation for Yoga is given to the students and faculty to do yoga exercises. International Yoga Day is celebrated every year.

Computing facilities There are more than 530 Computers, 15 Laptop, 44 Printers, 06 Smartboards,19

LCD Projectors, 09 Scanners, 40 CCTV cameras, 02 Photocopier, Biometrics attendance for faculty, and access to 100 Mbps and 400 Mbps connections from Unique Net Services and BSNL are all available at the institution. Additional amenities include a 50 KVA DG set facility, a centralized RO plant with a water cooler, a cardiac ambulance, vending machines, ATM machine facilities, and parking for vehicles.

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

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 4.28

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
0.70	0.4	1.3	3.9	11.0

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The Library opened its doors in 1983. The main goals of the library are to make knowledge easily

accessible to its users in a networked environment and to establish itself as a leading learning resource for engineering, science, and technology as well as allied fields. All of the major library resources are available in the library. The wide collection of textbooks, reference books, and handbooks at the library is available in hard copies, CDs, and electronic books. The library features partially automated software with a barcode system. Students can search for books using Web-OPAC. The library has a space measuring 466.25 square meters. The Institute is a member of the National Digital Library of India (NDLI), which offers online access to a variety of educational resources, including text and audio-visual materials. The Library subscribes to 36 print journals. Additionally, the Institute has a DELNET subscription, giving it access to 8233 E-Journals in 26 categories and 10655 free E-Books across 709 Subject Categories, including 911 Journals for Engineering and Technology. The Book Bank Scheme is a unique service offered by the library for First-year students, books are distributed on a first-come, first-served basis for 10 students at each branch.

A separate digital library with 10 computers and internet access is available at the library. An electronic interface has been developed for the library's convenience and the students' comfort. It contains engineering course materials such as CDs, e-books, e-journals, and audio-video lectures from NPTEL.

The Library has a provision of a spacious reading room with a seating capacity of 150 students for Boys and Girls.

Library Collection

The library has a wide range of books, Journals, etc.

- In the library, there are 9268 Titles and 48246 Volumes for the use of students and staff.
- The library's open-access system allows the students to check out books.

Library Services

The services offered by the library include home lending of books, reference services, reprography, download, printing, user orientation, and awareness, question papers, reading rooms, etc.

Timings: During the Working day.

Days	Timings
Working Days	11.00 am to 05.30 pm

All of the institute's faculty, staff, and students are eligible for library membership. Books are distributed to students and employees in accordance with the following library rules

Sr. No.	Category	No. of Books	Loan Period
1	Faculty	05	One Semester
2	Students	02	Eight Days

Library Software

The library uses an open access policy that encourages patrons to browse freely in the stack area; it is largely automated with an OPAC (Online Public Access Catalogue) that is located in the patron area.

- Name of Software: - Library Management System (Libman Master Soft)
- Type of Automation:- Fully
- Year of Implementation:- 2018
- Type of Scanner:- Bar Code Scanning

File Description	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

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

The objective of IT infrastructure is to provide state-of-the-art and robust hardware facilities, software, and networking support for securely running college academics, administration, examination, and research-related activities.

There are a total of 530 computer systems across the campus in all departments. More than 50 systems are available for administrative, HOD office, staff room, library, and exam cell needs. The examination cell has a high-speed multi-tray scanner cum printer.

The Institute provides its students with a cutting-edge education by way of its 14 fully-equipped computer labs, 12 ICT-enabled classrooms, and 6 smart classrooms.

There is a central computer center 206.2 sq. m. with 60 computer systems. The computer systems are in LAN connected using operating systems.

Wi-Fi routers are fixed at strategic locations to enhance connectivity. Currently, the entire campus is Wi-Fi enabled with 24x7 internet availability. The campus has been enabled with 100 Mbps and 400 Mbps connections from Unique Net services and BSNL. All classes and Laboratories are enabled with Wi-Fi connectivity so that, students can access the internet in the classrooms and Laboratories.

Faculty carrying significant portfolios are given 15 laptops, 1 color printer, and 43 printers to use for

document management.

A total of 06 Smartboards and 19 LCD Projectors are placed in departments used for teaching purposes. Every building on the campus is under surveillance with 40 CCTV cameras.

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: 2.14

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

Response: 475

File Description	Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

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

Response: 53.99

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)**

2022-23	2021-22	2020-21	2019-20	2018-19
45.2	35.2	23.7	67.4	46.5

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[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 institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 77.12

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
500	897	893	977	893

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

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

Response: B. 3 of the above

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[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: 8.03

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**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	433	0	0

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

5.1.4

The institution adopts the following for 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: C. 2 of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[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: 7.71

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

2022-23	2021-22	2020-21	2019-20	2018-19
14	31	37	31	9

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

2022-23	2021-22	2020-21	2019-20	2018-19
297	296	364	366	259

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 1.51

5.2.2.1 **Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2022-23	2021-22	2020-21	2019-20	2018-19
3	4	6	6	3

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	[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: 26

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*

2022-23	2021-22	2020-21	2019-20	2018-19
1	0	0	14	11

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[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: 12.8

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

2022-23	2021-22	2020-21	2019-20	2018-19
9	7	0	22	26

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 institute has a functioning Alumni Association. The institute organizes Alumni Meet regularly. Heads of the Departments, faculty, and staff are in constant touch with the alumni through e-mail, social media, and various activities conducted by the alumni association. Alumni are invited to deliver expert lectures, evaluate student projects, and interact with current students to guide them by sharing their experiences in the industry. Faculty members are in personal touch with former faculty and collaborate for conducting faculty development programs, workshops, etc.

Following are the activities carried out by Alumni:

- Guide the students in placement and higher studies.

- Arranging guest lectures by alumni members and other prominent people for students on current technical and non-technical topics.
- Helping students to get projects and internships.
- Donating books to the departmental library.

File Description	Document
Upload Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

Our College is a Minority institution run by Poojya Sane Guruji Vidya Prasarak Mandal, Shahada. Under the leadership of dedicated and supportive management, the college functions through a decentralized and participative system of governance.

VISION:

"To be recognized as an international leader in engineering education, research, and the application of knowledge to benefit society globally."

MISSION:

"To mould young generation to new technology of high order that can meet the challenges in the fast-developing technological world by shaping discipline, competence and character of technocrats."

NEP Implementation:

The National Education Policy (NEP) is a policy framework in our country that outlines the direction and priorities for the education system. Our institutional governance and leadership align with the NEP, which means we are actively working to implement the policy's guidelines and recommendations within the institution. This involves curriculum changes, pedagogical shifts, infrastructure improvements, or other initiatives in line with the NEP.

Sustained institutional growth:

The Governing Council of our mandal is the apex body that plans policies and executes development activities of the college by setting values and participative decision-making processes to function in tune with the vision and mission of the college. The Chairman of the management is the ex-officio Chairperson of the institution. The Governing Council delegates authority to the Academic Coordinator, Academics, and Administration of the Mandal.

The College Development Committee (CDC) prepares an overall Perspective plan in which the vision and mission are reflected. The responsibility to oversee the institution is vested with the Principal. He imparts timely instructions to the IQAC and heads of departments through staff meetings to take stock of the situations and decide on quality parameters. Faculty members have proper representation in CDC, IQAC, and Statutory Committees which reflects the participation and decentralization in decision-

making.

Decentralization:

Decentralization in institutional governance is implemented by the distribution of decision-making authority to various levels within the organization. It enhances efficiency and responsiveness. Effective governance and leadership of our mandal carefully balances centralization and decentralization and ensures that decision-making is efficient and aligned with the institution's mission.

Participation in Institutional Governance:

Inclusivity in decision-making is crucial for effective governance. Our Leaders encourage and facilitate the active participation of various stakeholders, including faculty, staff, students, and external partners, in the governance process. This fosters a sense of ownership and shared responsibility for the institution's success.

Institutional Perspective Plan:

An Institutional Perspective Plan is a strategic roadmap that outlines the institution's goals, objectives, and action steps for both the short term and the long term. These plans serve as a guiding framework for the institution's development and growth. Our governance and leadership are aligned with these plans, which demonstrates a commitment to achieving the outlined goals.

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 institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

Board of Governors:

The Board of Governors has the advantage of having both academic and corporate experience in an environment capable of designing and implementing a system that bridges the gap between academic and Industry requirements.

College Development Committee and IQAC:

The statutory bodies of the college are the College Development Committee and Internal Quality Assurance Cell (IQAC) created as per the norms of AICTE. These bodies play an important role in policy making and their implementation.

Co-Ordinator:

Act as Member-Secretary of the BOG and implement the approved policies and decisions of the BOG, including the budget, in consultation with Poojya Sane Guruji Vidya Prasarak Mandal.

Principal:

Act as the Chairman of the CDC /IQAC and constitute sub-committees for delegation of responsibilities and for smooth implementation of policies regarding academics, research and development activities, student activities, and resolution of day-to-day matters to coordinate. Academic Dean and Registrar to assist the Principal in all student activities viz academics, welfare, examinations, scholarships, facilities, etc., and ensuring staff/student discipline and good work practices.

The policy decisions taken in the Governing body are percolated to the HOD and committee heads by the Principal in meetings and accordingly, a time-bound action plan is decided.

HOD and committee heads execute the plan through faculty members by conducting departmental meetings. The problems in achieving the time limit given, are being discussed in the next departmental and Principal meeting.

The status of the execution of the policy is reported back to the governing body in the next bi-annual meeting. Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan

Appointment and Service Rules:

The appointment and service rules are fair, transparent, and merit-based. The institute has a clear and standardized process for hiring, promoting, and evaluating employees. These rules are designed to attract and retain qualified individuals who can contribute to the institution's vision and mission.

Procedures:

Our Well-defined procedures ensure that tasks are carried out consistently and efficiently. Institutions have documented procedures for various processes, including admissions, curriculum development, financial management, and research administration. Regular audits and evaluations help to identify areas where procedures can be improved for greater efficiency.

Deployment of Institutional Plans:

The deployment of institutional strategic, perspective, and development plans is a critical aspect of institutional governance. Our institution not only creates these plans but also allocates resources and monitors progress toward our goals. Regular reporting and assessment ensure that the plans remain on track and adaptable to changing circumstances.

File Description	Document
Institutional perspective Plan and deployment documents on the website	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The institute follows a well-defined and framed model of performance appraisal system namely API (Academic Performance Indicator/Teacher academic audit) as per UGC guidelines. It is based on three categories:

1. Teaching, learning, and evaluation-related activities

2. Professional development, co-curricular, and extension activities

3. Research and Academic Contribution

Student satisfaction is given utmost importance at the Institute and hence it is a part of the faculty appraisal system. The feedback helps to review and improve the quality of the teaching-learning

processes and measure the effectiveness of course design and delivery. The feedback is conducted in online/offline mode and complete confidentiality and anonymity are maintained. Apart from feedback, faculty are also assessed on the performance of the students. The self-appraisal report with recommendations is then sent to the Principal for further consideration for appreciation or corrective action

Our college has taken various effective measures for the professional development and welfare of the teaching and non-teaching staff. Faculty members are encouraged to pursue Ph.D. The management also encourages all cadres of non-teaching staff to improve their qualifications. In addition to professional development, steps have been taken to implement welfare schemes for the teaching and non-teaching staff by improving their health, efficiency, economic betterment, and social status to enhance the performance of the workforce. Some of the welfare measures for teaching and non-teaching staff include:

1. EPF, gratuity availed by retiring faculty as per Government norms

2. Provision of uniforms to supporting staff.

3. Group insurance scheme for all faculty members.

4. Provision of installment in Fees for students

5. Provided TA/DA to faculty for attending the workshop, seminar, conference, faculty development program, etc.

6. Revision of Basic Pay periodically with regular increments in a transparent manner

7. Well-secured parking area for faculty.

8. The Institution has its own Staff Credit Society through which short-term and long-term loans are disbursed to the staff members.

9. For teaching staff, 12 CL and 10 ML, and for non-teaching staff, 12 CL and 30 EL facilities are extended apart from regular holidays.

10. Pure Drinking R.O. water is provided to all the stakeholders.

11. The faculty members are provided with well-equipped staff rooms.

12. Restroom and Ramp facilities are available for specially challenged students and faculty.

13. Sanitary pad vending machines are installed in the ladies' room

14. Teachers' diaries are complemented for all teaching staff every year.

15. CCTV cameras are installed in different nooks and corners of the campus to ensure security and safety for everyone.

16. First Aid Facility.

17. Recreation rooms and sports facilities like gymnasiums, and indoor and outdoor stadiums are made available for the stakeholders.

File Description	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: 2.42

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**

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	8

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	[View Document](#)

6.3.3

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

Response: 30.07

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

2022-23	2021-22	2020-21	2019-20	2018-19
25	41	45	38	23

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

2022-23	2021-22	2020-21	2019-20	2018-19
39	43	47	54	59

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[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 primary source of revenue generation is the tuition fees collected from the students as per the fee structure mandated by the State Government.

The annual budget is prepared according to the department's needs and requirements, considering the annual intake of students, laboratory and infrastructure developmental expenses, requirements of latest technologies, additional faculty and staff requirements, and other routine expenditures like salary, increment, promotions, etc.

Before the commencement of the financial year, the Principal of the college submits proposals regarding expenditures corresponding to the projected income for an academic year which the coordinator

scrutinizes. The coordinator apprises the principal of the allocation so that the re-appropriation of budget outlays is avoided or kept to a minimum. For optimal utilization of financial resources, expenditures are prioritized as follows:

- To conduct Induction-cum-Orientation Programs for the students, workshops, FDPs, and training programs that ensure quality education.

- Adequate funds are utilized for the development and maintenance of the infrastructure of the Institute.

- To conduct student activities like technical competitions, cultural activities, seminars, workshops, placements, etc.

Optimum utilization of financial resources:

Total Grants received from non-government bodies, individuals, and Philanthropist year wise during the last five years (INR):

Consultancy services are available in the Civil Engineering and Computer Engineering Department. Revenue generated from consultancy during last five years.

2022-23	2021-22	2020-21	2019-20	2018-19
1046905	862830	520239	268379	337635

Internal Audit:

The internal audit is conducted annually by a committee appointed by the Management who checks the receipts/payments of accounts. They submit a consolidated report to the management for consideration and approval. The audit includes the following:

1. Checks for compliance with policies, laws, and regulations.

2. Comparing previous financial statements to the present ones.

3. Reviewing reliability and integrity of financial and operating information and the means used to identify measures, classify, and report the information.

4. Verification of students' fee register, authorization of policies, fee concessions, and controls.

5. Review the means of safeguarding assets and verifying the existence of such assets. Verification of cash book, bank passbook, total grants for departments and committees and their utilization, verification of admission record.

6. Verify the investments and grants from other bodies.

7. Reviewing and appraising the economy and efficiency with which resources are employed. Examining the payments for maintenance and any other miscellaneous expenses.

External Audit

The duly audited reports are submitted to the external audit team led by M/s. P.D. Dalal and Sons., Dhulia, a certified Chartered Accountant. The audit is carried out in an elaborate manner on a yearly basis. They check the day-to-day transactions, TDS collection, and remittance as per various sections of income tax rules. Then the income and expenditure statement, balance sheet, and annexures are prepared and finalized.

In case of any discrepancies, the institution deals with them promptly and takes necessary corrective measures in a completely transparent manner.

File Description	Document
Upload 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:

The Internal Quality Assurance Cell is responsible for developing different strategies and designing various processes. These include the following:

- The IQAC has proposed conducting of Annual Academic Audit to ensure the quality of teachers. As a result, a committee of members from the sister institution has been formed to conduct an Academic Audit of the faculty members. The outcome of the audit has been conveyed to top management as well as faculty members to improve their work.
- The IQAC has planned and conducted different technical activities like workshops, training sessions, and webinars to develop and improve the employability skills of students. The activities were conducted with the aim that the students could get placed/selected in reputed organizations easily. The outcome was very positive as the number of students' selections/placements increased significantly compared to previous years.

The IQAC has defined the following norms to improve the teaching-learning process:

- Preparation of Academic Calendar.
- Defining Course structure based on COs, POs, and PEOs.
- Maintaining teaching diary by each faculty member.
- Encouraging ICT-based interactive teaching.
- Provision for feedback collection and grievance Redressal mechanism.

- Periodic evaluation of students.

The IQAC reviews the mentioned activities at periodic intervals and records the improvements as follows:

- The implementation of the academic calendar is monitored regularly and any discrepancy is addressed and corrected.
- The student performance is assessed via CAs, MSEs, and ESEs to check whether COs, POs, and PEOs are attained.
- Academic audit is conducted to verify the record maintained by faculty members in the teaching diary.
- The feedback collected from different stakeholders is analyzed and recommendations are made for improvement.

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

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: C. Any 2 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Our college is a co-ed college. Both girls and boys study here in a common classroom. The college maintains gender equity. The college ensures that there is fair and impartial treatment of students of both genders. The college makes sure that the equality in treatment of students of both genders is maintained. All the students get equal opportunities in all the activities of the college. The college is careful about maintaining and promoting gender equity. The college takes care of the safety and security of all the students of the college. There are different committees in the college functioning for the development of all the students of the college.

Safety and Security :

- There is a separate common room for female students with all the necessary facilities.
- CCTV cameras are installed at strategic locations for continuous surveillance of the premises and for heightened security in the college.
- A sexual harassment committee is also operating in the college to safeguard female students.
- In addition, the college has a duly constituted Anti-Ragging Committee, Discipline Committee, and Student Advisory Committee to ensure safety and protect the interests of students
- A secure parking lot nearer to the Academic Blocks is earmarked for female students.
- Separate Canteen space for female students.
- Separate and secure hostels are available for female students near the campus.
- Classroom arrangement is made in such a way that female students are comfortable.
- The college is providing 2 Sanitary Napkin Vending Machines with 23 pads capacity for Rs. 5 each
- It is mandatory for one lady teacher to accompany the students on their industrial visit.

Counselling:

Whenever any grievance or complaint arises, the students are directed to approach the relevant women's grievance cell. All such matters are kept highly confidential. The college takes utmost care in dealing with the said matters of counseling the female students. The college endeavours to look after the total personality development of students leading to elevated self-confidence, positive self-image, mutual respect, etc through Co-Curricular and extra - Curricular activities and comprehensive counselling inclusive of girl students.

Common Rooms:

- When female students have a break between lectures, they find relaxation in the Common Room provided separately for girl students.
- These rooms are also used to refresh during cultural events or other occasions.
- There are separate washrooms for boys and girls.

File Description	Document
Upload 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: C. 2 of the above

File Description	Document
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[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: B. Any 3 of the above

File Description	Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	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 and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Describe the various activities in the Institution for inculcating values for being responsible citizens as reflected in the Constitution of India within 200 words.

Independence Day celebration:

Every year college celebrates Independence Day on 15th August with flag hoisting in the presence of top management dignitaries.

Yoga Day:

Every year our college celebrates ' Yoga Day 'on 21st June.

Republic Day Celebration:

Republic Day honors the date on which the Constitution of India came into effect on 26 January 1950. Every year college celebrates Republic Day with flag hoisting in the presence of top management dignitaries.

National Unity Day:

Every year college celebrates Unity Day on 31st October to recognize the endeavours of Sardar Vallabhbhai Patel to unite the country. It aims to reaffirm the solidarity among the people of India. & to maintain the spirit of "unity in diversity" among the people.

National Voter's Day:

The college celebrated National Voters Day on 25th January 2022, To create awareness about it. On this day students and staff took oath.

The Institution has a prescribed code of conduct for students, teachers, administrators, and other staff and conducts periodic programs in this regard

1. The Code of Conduct is displayed on the website.
2. There is a committee to monitor adherence to the Code of Conduct.
3. The institute organizes professional ethics programs for students, teachers, administrators, and other staff.
4. The Women Welfare cell of the college has formed a Sexual Harassment Committee & Anti Ragging committee in the institute for the safety and security of female students.

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

The Institution organizes National and International, commemorative days, events, and festivals with great zeal. Through the celebration of these events, the students, teaching, and non-teaching staff of this college get to know the importance of national integrity in the country in general and their role in it in particular. The following important events which are celebrated are:

- 26th January Republic Day is celebrated every year to commemorate the adoption of the Constitution.
- 21st June International Yoga Day is observed early in the morning by practicing Yoga, Pranayama, and Meditation by students, teaching, and non-teaching staff of the college.
- 15th August Independence Day a grand event is celebrated every year by the college with the unfurling of the flag by the Chairman of the P.S.G.V.P.Mandal.
- 31st October, the Birth Anniversary of Sardar Patel is celebrated as National Unity Day.
- The college actively participates in the Swachh Bharat Abhiyaan by ensuring proper sanitation facilities, dustbins on the campus, and hygiene in the toilets.

File Description	Document
Upload 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 Practices 1:

Title of the Practice: Free Health Camp for Cardiovascular Diseases

Objectives of the Practice Process: To improve cardiovascular health and quality of life through prevention, detection, and treatment of risk factors of heart attack and stroke; early identification and treatment of heart attacks and strokes; prevention of repeat cardiovascular events and reduction in death from cardiovascular disease

The Context: cardiovascular disease is the number one cause of death worldwide. CVD covers a wide array of disorders, including diseases of the cardiac muscle and the vascular system supplying the heart, brain, and other vital organs. This practice reviews the epidemiological transition that has made CVD the world's leading cause of death, assesses the status of the transition by region, and indicates regional differences in the burden of CVD. It also reviews the cost-effectiveness of various interventions directed at the most relevant cause of CVD morbidity and mortality. The D.N. Patel COE is one of the few institutes to have such a novel practice of saving the young generation's life for National causes.

The Practice: The activities were started in the year 2017 and still continue. Under the Aegis of Shri P.K. Patil foundation Shahada and in the memory of Sahkar Maharshi Anna Saheb P.K. Patil. The formal resolution passed by the management council of the institute to organize their noble event in a big way was successfully conducted jointly with VSGGM and D.N. Patel College of Engineering Shahada. The following organizations were involved

- Shree.P.K.Anna Patil Foundation Shahada
- VSGGM

Experts Team of Doctors:

- Dr. Manoj Patel (Heart Disease Expert)
- Dr. Yatin Wagh (Heart Disease Expert)

Place and Date and Time of Health Camp: P.S.G.V.P. Mandal's D.N. Patel College of Engineering, Shahada on 8th October 2022 from 9.00 AM to 4.00 PM.

Total Number of Patients Checked: 180

Evidence of Success: In this free health camp as many as 180 participants took part and those who just got cardiac disease have advice for further important tests. They are satisfied that they have to know about their cardiac stage.

Problems Encountered: While addressing the camp people were afraid to visit . Some of them are not even interested in knowing their health. Few of them have a fear of machinery.

Best Practices 2:

Title of the Practice: Start-up India

Objectives of the Practice Process:

- Skilling and training of students, faculty, innovators, and entrepreneurs to take up start-up entrepreneurship which will be achieved by entrepreneurship and start-up development programs.
- Empowering start-ups for business technology and marketing support.

The Context: Startup India is the flagship Initiative of the government of India, intended to catalyze startup culture and build a strong and inclusive ecosystem for innovation and entrepreneurship in India, since the launch of the initiative on 16 January 2016 startup India has rolled out several programs with the objective of supporting entrepreneurs and transforming India a country of job creators instead of job

seekers. The D.N.Patel COE is one of the few institutes that have organized the start-up India Programme Successfully.

The Practice: The activities were started in the year 2022. The Practice is unique and at the same time essential. Where we all are facing the recession period. The students get a real-time chance to learn various training and mentoring programs such as the Atal Innovation Mission (AIM) which aims to promote students' innovation and entrepreneurship. The Resource Person for the event was Dr. Pulkit Singh, Assistant Collector (Nandurbar District).

Evidence of Success: The aim of the practice is to enhance the graduate entrepreneurship vision, social interaction, leadership, self-discipline, and self-confidence while stimulating the thinking process and providing guidance and support. The teaching-learning-practice as well as enrichment through value-added processes further repair graduating leaders to become integrative and progress as job creators.

Problems Encountered and Resources Required: Many students lack the motivation to be an entrepreneur with the fear of failure in business reluctance to deal with stress and self-doubt and dealing with the unknowns. The creation of awareness in the early life cycle of the student at the institution and seeking the ideas on the possibility of job creator roles will be beneficial for providing the students to explore tangible ideas and translate them to give practical shape and to prepare themselves.

Place, Date, and Time of the Event: P.S.G.V.P. Mandal's D.N. Patel College of Engineering, Shahada on 12th October 2022 from 11.00 AM to 3.00 PM.

Number of Participants: 18

File Description	Document
Best practices as hosted on the Institutional website	[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:

We all know how trees help Earth by purifying the air and absorbing the carbon from the atmosphere. Trees are vital. As the most crucial component of our ecosystem, they give us oxygen, store carbon, stabilize the soil, conserve water, improve the climate, and give life to the world's wildlife. We all must plant trees on every possible occasion.

There's a popular saying that goes, 'Each One Plant One'. This saying essentially urges all human beings to plant at least one tree in their lifetime. If every human being planted a tree, and if our planet had as

many trees as it had people, the environment wouldn't be quite as unstable as it is today. The hole in the ozone layer wouldn't be quite as big or threatening, and the globe wouldn't be warming up as quickly as it is. The oxygen required by humans and animals to breathe is given out by plants as it is a by-product of photosynthesis. However during the night, plants "breathe" in oxygen and "breathe" out carbon dioxide. This is the reason it is advised not to sit near the plants at night.

Besides completing the gaseous cycles in our atmosphere plants also perform some other essential roles in our ecosystem. Plants usually form the base of the food chain. By the process of photosynthesis, they use up the energy from the sun to produce an energy unit- Adenosine Tri-Phosphate (ATP). 10% of this energy is transferred to the herbivores and omnivores when they feed on the plants. The herbivores are then eaten by both carnivores and omnivores completing the food chain. Thus, directly or indirectly plants provide all the food to the living organisms existing on our planet. Even after a plant dies its importance doesn't end as it helps in making the soil more fertile thus supporting further plant growth over that area.

The importance of respecting your environment and Mother Nature can never be underestimated. While everyone grumbles about pollution, not many of us really do anything about it.

"What can we do?" you say. The answer is plenty. Here's what you can do for starters: What are the preventive measures for plants?

To protect healthy plants, you can manipulate environmental conditions, remove infected plants, or apply protectant pesticides.

Good sanitation practices are especially important to prevent problems because a single infected seed can result in an entire tray - or even an entire greenhouse - of diseased plants.

The institute has started this activity of celebrating our staff member's birthdays by planting birthday trees and seeing our birthday trees grow as we grow. As usual, everyone felt really delighted while planting on their birthday.

We are supporting Mother Nature by planting trees and encouraging others to do so. Let's think of the environment and plant trees ourselves and encourage others to do so. The state of environment we are in today, it's only the trees that can help us come out of this situation. Trees are the lifelines and lungs of Earth.

File Description	Document
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

- The faculty expertise comprises of experience gained through Academic Institutions and Universities.
- Improved teaching and learning process through the use of audio-visual aids.
- Employability enhancement and personality development programs for the students.
- NPTEL Local chapter for certification programs in the areas of specialization.
- MoUs with industry and other institutions.
- Major and Minor degrees for students as per university curriculum.

Concluding Remarks :

In a nutshell, Poojya Sane Guruji Vidya Prasarak Mandal's D.N. Patel College of Engineering is an ideal environment for the process of education where we promise the generation next a complete intellectual and Cultural Revolution.

We are fully committed to building the generation next and providing the necessary tools, resources, and infrastructure to create ease and comfort for ambitious individuals while learning.

We are entitled to foresee and update our facilities according to the changing needs and global standards of education.

The institute has consistently produced excellent results and its alumni can be found at distinguished organizations in India & overseas. From academic excellence to cultural developments, a hospitable environment to latest infrastructure -everything is offered for a rewarding, purposeful and enjoyable student life.

The institute ensures the highest quality of faculty, infrastructural, and instructional facilities with a focus on academic excellence with state-of-the-art technologies and versatility in approach toward the development of the personality of each student. Consonant with this commitment, the institute's members dedicate themselves to education and research, encourage and assure students in their pursuit of knowledge and motivate their innate thirst for innovation and creation.

We promise a homely environment to students, so they can live upto the expectations of parents and the society.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.1	**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)** Answer before DVV Verification : 44 Answer After DVV Verification :18
1.2.2	*Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years* 1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years Answer before DVV Verification: <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>33</td><td>21</td><td>53</td><td>71</td><td>13</td></tr></table> Answer After DVV Verification : <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>30</td><td>20</td><td>52</td><td>71</td><td>13</td></tr></table>
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* Answer before DVV Verification : C. Feedback collected and analysed Answer After DVV Verification: C. Feedback collected and analysed
2.1.1	**Enrolment percentage** 2.1.1.1. **Number of seats filled year wise during last five years (Only first year admissions to be considered)** Answer before DVV Verification: <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr></table> 2.1.1.2. **Number of sanctioned seats year wise during last five years** Answer before DVV Verification: <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>336</td><td>336</td><td>336</td><td>336</td><td>360</td></tr></table> Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
336	354	354	354	396

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

2.4.1.1. Number of sanctioned posts year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
68	69	73	73	78

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
68	69	73	73	78

2.6.3	**Pass percentage of Students during last five years (excluding backlog students)**

2.6.3.1. Number of final year students who passed the university examination year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
175	282	357	364	213

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
175	282	357	364	213

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19

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)*

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
0	1	0	0.75	22.88

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	1	0	0.75	22.8

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

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**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
4	1	2	4	4

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
2	1	2	2	3

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
6	8	16	9	5

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
6	6	16	9	5

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**

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**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
7	0	1	4	2

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
7	0	1	4	2

3.4.3	*Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
3	4	2	1	1

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
2	2	0	0	1

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.*

Answer before DVV Verification : 10
Answer After DVV Verification :10

4.1.2	*Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years*

4.1.2.1. Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
0.70	0.43	1.32	3.93	11.04

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0.70	0.4	1.3	3.9	11.0

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

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

Answer before DVV Verification : 475

Answer after DVV Verification: 475

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

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)

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
45.25	35.23	23.74	67.43	46.54

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
45.2	35.2	23.7	67.4	46.5

5.1.1	*Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years*

5.1.1.1. Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
892	897	893	977	893

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
500	897	893	977	893

5.1.2	*Following capacity development and skills enhancement activities are organised for improving students' capability*

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

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : Data updated as per supporting documents.

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	433	0	0

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	433	0	0

5.1.4	*The institution adopts the following for 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**

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: C. 2 of the above

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
	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*

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1	0	0	14	11

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
1	0	0	14	11

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
9	7	0	22	26

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
9	7	0	22	26

6.5.2	**Quality assurance initiatives of the institution include:** 1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented** 2. **Academic and Administrative Audit (AAA) and follow-up action taken** 3. **Collaborative quality initiatives with other institution(s)** 4. **Participation in NIRF and other recognized rankings** 5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.** Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: C. Any 2 of the above
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** Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: C. 2 of the above Remark : Data updated as per supporitng documents
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** Answer before DVV Verification : B. Any 3 of the above Answer After DVV Verification: B. Any 3 of the above

2.Extended Profile Deviations

ID	Extended Questions

1.1	**Number of students year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1015	1030	1092	1180	1077

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1015	1030	1092	1180	1077

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
68	69	73	55	64

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
68	69	73	56	64

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
86.84	70.89	49.71	101.47	95.16

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
86.8	70.8	49.7	101.4	95.1