SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

PSN INSTITUTE OF TECHNOLOGY AND SCIENCE

PSN INSTITUTE OF TECHNOLOGY AND SCIENCE, MELATHEDIYOOR,
TIRUNELVELI
627152
https://psnits.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

November 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

PSN Institute of Technology and Science (PSNITS) was established under 2009 by the Managing Trustee Dr.P.Suyambu with a goal to provide Quality Education. College is located at Melathediyoor, Tirunelveli has 10.89 acres. The institution reaches out to the economically and educationally most backward people of this area by providing basic amenities and fine infrastructure Keeping a holistic approach and futuristic outlook in the field of technical education. PSNITS is an AICTE approved institution and affiliated to Anna University, Chennai.

PSNITS offers 8 UG programmes. PSNITS is an ISO 9001:2015 certified institution. PSNITS is actively involved in comprehensive entrepreneurship and incubation programs that provide a nurturing environment for startups and innovative projects. The programs in various engineering discipline offer access to resources, mentoring, infrastructure, and networking opportunities, giving entrepreneurs the right foundation to build their ideas into reality. PSNITS has a well-established Institution Innovation Council and Entrepreneurship Development Cell (EDC) to promote innovation, entrepreneurship and patents among the students and faculties of the campus.

Vision

Our vision at PSN Institute of Technology and Science is to become a prominent center of higher education, dedicated to promoting excellence in academia, research, and innovative endeavors. Our aim is to cultivate a nurturing atmosphere that empowers students to unlock their complete potential and transform into proficient professionals who actively contribute to the advancement of society.

Mission

- To strive for elevated levels of technical knowledge and skill development through creative teaching and learning methods.
- To enhance our infrastructure to align with the ever-evolving demands of the technological revolution.
- To nurture and advance research across all facets for the betterment of society.
- To cultivate individual competencies, empowering students with improved employability and entrepreneurial skills.
- To foster higher levels of discipline among students and instill ethical and moral values to promote societal harmony and peace.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Institutional Strength
- Powerful Career Guidance and Placements

- Courses with added value and Online Certification
- Strong team of highly qualified, committed, experienced faculties
- Transparent Governance and Administration.
- Management, Principal, faculty, Staff and stack holders maintain Cordial relations
- Involvement of Students in organizing Technical Seminars/ Workshops/ Conferences/ Symposiums / Certification Programs round the year.
- Scholarships for economically poor students free ship for orphans and students who lost their parents during their study.
- Well-equipped infrastructure with well-equipped laboratories, ICT enabled classrooms, seminar halls, auditorium, IT Infrastructure, e-learning Facilities etc.
- MOUs and Business Alliances for Industrial Visits
- Internet facility with 1 Gbps leased line.
- Appropriate feedback mechanism from stakeholders for continuous quality improvement
- Support for Career Development, Training, Skill Development and Campus Placements.
- Eco-friendly and Energy-Efficient Campus
- Quality Assurance through IQAC
- Constant Endeavor to upgrade Quality

Institutional Weakness

- Institutional Weakness
- Lack of Academic freedom in Curriculum Design.
- Communication skills of the rural students
- Located in a rural outland.
- Lack of NRI Student Attraction
- Reduced core placement due to mass recruitment by IT companies
- As a self-financing college, faculty members face difficulty while seeking funds from various agencies
- Lack of nearby industries for industrial exposure\frequent industrial visits.
- Minimum Students opting for Higher Education.
- Less Patents and Consultancy

Institutional Opportunity

- Institutional Opportunity
- Possibility of providing equality in education to the less privileged rural youth mostly to the 1st generation students.
- Catering to diverse needs of the students with different backgrounds
- Opportunity to conduct online tests using our infrastructure.
- Scope for enhancing the alumni interaction for institutional growth
- Student from nearby states
- Establishing continuous interaction with industry for mutual growth
- Extending the facilities to the Societies through extension centre
- Opportunity to train the prison inmates and school drop-outs and provide certificates.
- Good number of campus placement for youth belonging to economically weaker sections.
- Collaborations with other Foreign Universities
- Scope for the addition of renewable energy harvesting and energy saving systems

Institutional Challenge

- Institutional Challenge
- Difficulties in Recruitment and retention of faculty members with high calibre
- Scarcity of Ph.D. holders in nearby in nearby area makes faculty retention difficult
- Uncertainties in employment opportunities.
- Fast changes in Technology
- Identifying the Quality of Students intake in certain Departments due to fluctuations in the Job Market.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

PSN Institute of Technology and Science is affiliated to Anna University and adheres to its prescribed curriculum and syllabi. To enhance the teaching and learning process, the institute implements the following strategies:

- **Academic Calendar:** A detailed academic calendar is prepared at the beginning of each academic year, aligned with the university's academic planning.
- **Value-Added Courses:** To prepare students for the industry, PSN Institute of Technology and Science offers value-added courses and certification programs beyond the prescribed curriculum.
- **Interdisciplinary Courses:** As per Anna University's curriculum and syllabus, students undertake interdisciplinary courses as core papers and electives. This enables them to develop interdisciplinary-based projects beyond the curriculum.
- **Knowledge-Based Activities:** PSN Institute of Technology and Science organizes various knowledge-based activities, including bridge courses for first-year and lateral entry students, teacher participation in various bodies in other engineering colleges, maintenance of course files, logbooks, lecture notes, master attendance, and class logbooks.
- **Industry Collaboration:** The institute has signed Memoranda of Understanding (MOUs) with recognized industries and organizations to facilitate industrial visits for students and foster entrepreneurship skills development.
- **Industry-Academia Gap Analysis:** To bridge the gap between industry requirements and the academic curriculum, PSN Institute of Technology and Science regularly seeks feedback from students and stakeholder

Teaching-learning and Evaluation

Diversity of learners in respect of their background, abilities and other personal attributes will influence the extent of their learning. The teaching-learning modalities of the institution are rendered to be relevant for the learner group. The learner-centred education through appropriate methodologies such as participative learning, experiential learning and collaborative learning modes, facilitates effective learning. Teachers provide a variety of learning experiences, including individual and collaborative learning.

Incorporation of knowledge, behaviour, and skills add to the wide range of learning objectives using Bloom's Taxonomy. The students are enrolled based on the eligibility criteria formulated by the affiliating University

through a Centralized admission procedure.

Coaching classes are conducted for slow learners and supervision for groomed students to enhance their skills. Teacher's workload and their availability to offer services and care to the student is in a correct ratio.

Student-centric methods are embraced for an augmented learning experience by assimilating Lesson

Plan, Content beyond Syllabus, project-based learning, etc. Besides, to innovate and create contemporary teaching objectives, usage of smart classrooms, workshops, Group Presentations, Value Added Courses, Online Courses, Hackathons, etc. is supported.

ICT which deals with the application of different electronic media in the collection, storage, and rapid access of information to faculties and students, like PPT, Blended Learning, Role Play, Group Discussion, Projects, Quiz, etc. are implemented.

Faculties are trained under Curriculum Design and Development, Assessment and Evaluation, Pedagogic techniques, Teaching, and Learning Methods and Research in Higher Education certified by various universities.

Each mentor has approximately 15 + students under their care for academics and stress-related counselling.

Teachers against authorized posts are 100 % with an average percentage of full-time teachers.

An ongoing practice of Internal Assessment enables the teachers to make data-based decisions to adjust instructional strategies so that they can accommodate the different needs and learning styles of students.

The awareness of Course Outcomes, Program Outcomes & Program Specific Outcomes are published and disseminated. CO Attainment process is based on the student's assessment performance.

The assessment tools used for the attainment of Program Outcomes are obtained using direct and indirect methods.

Research, Innovations and Extension

The institution is a member of IIC (Institution's Innovation Council) :an MEIC initiative. Activities related to Research, Innovation, and Extension are encouraged on the PSNITS campus. Normally, Extension activities facilitate the different activities of the Institution through various Cells. Through Rules and Awareness campaigns, most of our faculty members and Students are educated on the Ethical standards that must be upheld during Research. The faculty members are encouraged to publish their Research in reputable National and International Journals and Conferences that are indexed by SCI / Scopus. To advance understanding of Cutting-Edge Technology in the areas of Entrepreneurship, Intellectual Property Rights (IPR), and Research Methodology, Departments across the board arranged almost all Programmes. This provides technical requirements and equipment on Campus to bridge the gap between Academia and Industry.

The institution has organized 54 Seminars, Workshops, and Faculty Development Programs on research methodology, intellectual property rights, and entrepreneurship in the past 5 Years. Our Institution has received Research projects worth of 45 LAKHS from various Funding Agencies. Research Seed Money is granted to

both Faculty Members to promote an Innovation in the Campus. In order to share knowledge and resources and prepare Students for the workforce, the activities like Research and Internship Programmes in conjunction with Businesses and other Institutions. Field projects, Placement training, and Internships are all available to our Students through the Institution's 41 operational Memorandum of Understanding / Collaborations and Linkages for Faculty Exchange, Internship, Field Trips, On-the-Job Training, Research and Academic activities.

The College sensitizes the Students to Social issues by Organizing different activities related to Environment protection and Community engagement through Free Blood Donation, Eye & Mask distribution Camps. Community engagement nurtures Service Learning, Social Sensitisation, concern for the disadvantaged sections of the Society, Environmental consciousness and Humanitarianism. Also, the Institution received more number of Awards and Recognitions for its Extension activities carried out to the Communities.

Infrastructure and Learning Resources

PSN Institute of Technology and Science (PSNITS) pride itself on its state-of-the-art infrastructure and learning resources, setting it apart from other institutions. PSNITS offers a green, eco-friendly environment conducive to the holistic development of its students. The institute adheres to the guidelines established by AICTE and Anna University, continuously improving its facilities to enhance the effectiveness of teaching and learning. PSNITS boasts well-equipped smart classrooms, seminar halls, furniture, and equipment.

PSNITS provides advanced laboratories, auditoriums, hostels, canteens, transportation facilities, 100 Mbps internet connectivity with Wi-Fi, and a modern library with an Integrated Library Management System (ILMS). The central library houses an extensive collection of 21,882 volumes spanning 14700 titles, along with subscriptions to 822 EJournals, 580 E-Books. Moreover, the college utilizes its infrastructure beyond regular college hours to conduct certificate courses, co-curricular and extracurricular activities, parent-teacher meetings, campus recruitment training classes, seminars, and conferences. PSNITS provides ample facilities for cultural activities, sports, and indoor/outdoor games, including a fully equipped gymnasium and yoga center. Most classrooms and seminar halls are equipped with ICT tools. The college features a variety of outdoor courts and fields for sports such as basketball, badminton, cricket, Kabaddi, handball and volleyball.

PSNITS have a student-to-computer ratio of 2.19:1 and offers seven computer laboratories interconnected via LAN, equipped with scanners, printers, and photocopiers available to students and faculty. The campus is under round the-clock CCTV surveillance, and rainwater harvesting facilities are implemented in all buildings. The college conducts tree plantation camps to maintain a clean and green campus, ensuring periodic maintenance and repairs for all buildings. The college has its water storage and supply mechanism, ensuring uninterrupted water supply from its own bore well. Additionally, it possesses two backup generators to provide power during outages, ensuring labs and classrooms can operate smoothly. PSNITS is committed to creating an eco-friendly and sustainable campus, promoting the usage of renewable energy and implementing initiatives such as a ban on plastics.

Student Support and Progression

PSN Institute of Technology and Science (PSNITS) provides Placement opportunities from national and international companies on the campus to recruit young engineers, from all disciplines. Students have received scholarships from the government under SC /ST Scholarship, BC/MBC Scholarship, Minority Scholarship, First Graduate Scholarship.

Students who scored more than 170 cut off in the higher secondary exam can obtain an 100% tuition fee waiver. Students who scored more than 150 cut off can get an 50 % tuition fee waiver. A two-year tuition fee waiver is provided to the school topper, who ranks in the top seven. Students who scored more than 500 marks will be eligible for special scholarship. Special fee concessions will be provided to the sports person who is awarded by the state or central government. Students from other states who scored higher than 75% will be eligible for merit scholarship.

The transparent and effective practice of grievance redressal mechanism related to teaching-learning, discipline, ragging, and sexual harassment are attended to and sorted out immediately.

Training and Placement cell conducted competitive exam coaching to students for various government examinations. It conducted career counselling program for students.

To enhance students soft skills Training program, Life skills Training program, Language and Communication skill Training program and ICT computing skills Training program conducted.

Awards/medals are secured by the students for their outstanding performance in sports/cultural activities at the national/international level under various disciplines.

Students are provided with opportunities to develop their organizational, managerial, leadership, and technical skills through Entrepreneurship development cell and professional and personality development societies.

Student's voices in class committee meetings and Feedback mechanisms for a better learning process.

Alumni Association, a registered Alumni society invites alumni for guest lectures, conduction of mock interviews, recent technological advancements, and curriculum feedback.

Governance, Leadership and Management

The Governing Council (GC) of the Institution meets twice a year to discuss, analyse, and come to an accord on the administrative and academic functions of the Institution.

Managing Director, Principal, and the Governing Council sets the vision and direction of the institution.

The organizational chart is prepared and published; also, the roles and responsibilities of each cadre are well defined. Principal, Planning and Monitoring Board Members, and HoDs discuss and plan, the annual budget for establishing the lab and necessary infrastructure that are further recommended and approved by the Governing Council and Management.

The Academic ERP system is crucial for efficiently managing academic and administrative activities. It typically includes modules for student information, course management, faculty details, attendance, grades, finance, and more. During development, it's important to ensure that the ERP system aligns with the specific needs and workflows of the educational institution. Customization, scalability, and user-friendliness are key considerations.

The college has explicitly delegated the financial powers to the Principal& Head of the Department. Utilization of Campus Management System for digital records.

DAB (Department Advisory Board) is formed to guide the departments to provide up-to-date technology to the students through VAC, MoUs, and Institute Industry Collaborations, etc. The faculty recruitment process is done transparently by a panel of division chair, department chair, technical & non-technical experts. The Grievance Redressal Committee, Anti Ragging Committee, Women Grievance Cell & Discipline Committee investigates the grievances of both the students and staff, conducts an inquiry within a day, and settles the grievance related issues cordially.

Financial aids are provided towards welfare measures, traveling allowances, relief funds, awards &rewards, incentives, special leave, free medical camps, FDP, publications, conferences, Online courses, training etc.

The Institution organizes various professional development programs for enriching the technical and innovative teaching skills.

All teaching and Non - Teaching faculties can scrutinize their performance to retrieve their strengths and weakness through a self-appraisal process and be rewarded accordingly.

Institutional Values and Best Practices

PSN Institute of Technology and Science (PSNITS) prioritizes the cultivation of human values in all of its academic activities. To achieve this, the college employs various measures to nurture these values within the campus. One such measure is ensuring equal opportunities and spaces for all genders. This is facilitated through the Women Empowerment Cell and the Internal Complaints Committee, which work towards gender equity.

PSNITS has a Gender Equity Policy and conducts Gender Audits. The college has implemented facilities for women, including women's common rooms and spaces for women's leadership and recreational activities. In addition, the institution organizes various events and activities to observe important national and international days such as National Girl Child Day, Women's Day, and National Science Day.

PSNITS is committed to creating an inclusive environment and places significant emphasis on environmental protection. Measures such as the use of solar panels and sensor-based lights for energy conservation have been implemented.

We give precedence to sustainability through green initiatives, encompassing sustainable construction practices, solid waste management programs, and measures for conserving energy and water. PSNITS is committed to being eco-friendly, leading to regular environmental and energy audits to verify our sustainability efforts. Both students and staff are actively encouraged to partake in and contribute to these initiatives.

PSNITS extends its environmental efforts beyond the campus by engaging in activities such as tree plantation, cleaning public places like temples and rivers, and raising awareness about environmental degradation.

A notable best practice of the college is skill development through value-added courses. Students receive training in various skills each year, contributing to their overall personal and professional growth. Additionally, the institution recognizes the significance of meeting basic needs and provides free midday meals for students and the public.

PSNITS committed to assisting each student in exploring diverse placement opportunities, extending invitations to various IT and Core companies for on-campus student recruitment. These institutional values and best

practices demonstrate the institution's commitment to the holistic development of its students, fostering an inclusive and nourishing environment.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PSN INSTITUTE OF TECHNOLOGY AND SCIENCE
Address	PSN INSTITUTE OF TECHNOLOGY AND SCIENCE, MELATHEDIYOOR, TIRUNELVELI
City	Tirunelveli
State	Tamil Nadu
Pin	627152
Website	https://psnits.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	KATHIRVEL	04634-279084	9486507441	04634-279086	principal.psnits949@gmail.com
IQAC / CIQA coordinator	RAJASREE	04634-279085	8903592850	04634-279086	psnitsiqac@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Tamil Nadu	Anna 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](#)	22-06-2023	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	PSN INSTITUTE OF TECHNOLOGY AND SCIENCE, MELATHEDIYOOR, TIRUNELVELI	Rural	10.89	34478

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Civil Engineering,CIVIL ENGINEERING	48	HSc	English	60	5
UG	BE,Electronics And Communication Engineering,ELECTRONICS AND COMMUNICATION ENGINEERING	48	HSc	English	60	36
UG	BE,Mechanical Engineering,MECHANICAL AND AUTOMATION ENGINEERING	48	HSC	English	60	5
UG	BE,Mechanical Engineering,MECHATRONICS ENGINEERING	48	HSC	English	60	9
UG	BE,Mechanical Engineering,INDUSTRIAL ENGINEERING AND MANAGEMENT	48	HSC	English	60	6
UG	BE,Mechanical Engineering,MECHANICAL ENGINEERING	48	HSC	English	60	14
UG	BE,Compute	48	HSC	English	60	60

	r Science And Engineering,COMPUTER SCIENCE AND ENGINEERING					
UG	BE,Electrical And Electronics Engineering,ELECTRICAL AND ELECTRONICS ENGINEERING	48	HSC	English	60	13

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	1				3				87			
Recruited	1	0	0	1	3	0	0	3	52	35	0	87
Yet to Recruit	0				0				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				17
Recruited	11	6	0	17
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				14
Recruited	4	10	0	14
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.	1	0	0	2	0	0	7	5	0	15
M.Phil.	0	0	0	0	0	0	3	12	0	15
PG	0	0	0	1	0	0	45	15	0	61
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/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
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/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	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	456	4	0	0	460
	Female	173	0	0	0	173
	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	30	101	21	38
	Female	13	27	27	28
	Others	0	0	0	0
ST	Male	0	0	2	35
	Female	0	0	1	11
	Others	0	0	0	0
OBC	Male	76	93	53	0
	Female	26	25	12	0
	Others	0	0	0	0
General	Male	3	4	0	4
	Female	0	0	0	3
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		148	250	116	119

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	PSN Institute of Technology and Science, Tirunelveli is a UG College offering various programmes in Engineering disciplines. The programmes offered in various streams gain a multidisciplinary status to the institution. The programmes offered fall under CBCS (Choice Based Credit System) pattern in which the courses prescribed have specific credits. The courses are named as Core, Professional Elective, Open Elective, Skill based, and Value Based with specific number of credits to each course. Almost all UG programmes have experiential learning in the form of Projects, Field visits, Study Tours, and Internships. To sensitize the students to environmental issues and to make them eco conscious a course on

	Environmental Studies is included in the curriculum for all UG students. A course on Value Education with a special focus on the essential human and life values is also included in the curriculum. The scope of various programmes and the specific objectives of various courses ensure holistic development of the students. Being an affiliated institution, the college follows the procedures framed by the parent university regarding the entry level qualification needed for a programme, and duration of a programme /course. The institution is limited in enabling multiple entry and exits as the norms are decided by the university which approves each programme offered in the college. Students registering for MSME will be encouraged to carry out multidisciplinary research that would help in finding out appropriate solutions for the current issues and challenges. All the programmes have a non-major elective course in which the students of a particular programme are exposed to multidisciplinary education by choosing a course in a different domain. Objectives of Multidisciplinary HEIs Convert single-stream institutions into multidisciplinary HEIs, that is, large universities, autonomous degree-awarding HEIs. Strengthen institutional infrastructure necessary for multidisciplinary education and research. Features of a Multidisciplinary HEI Orientation about new opportunities Mobility of credits between institutions Online mode of education
2. Academic bank of credits (ABC):	ABC will allow students of undergraduate degree courses to exit the course and enter within a stipulated period. Being an affiliated institution, the college has less scope in taking initiatives to implement ABC system. However, the institution will follow the procedures as framed and prescribed the affiliating university. So far, the institution has not taken any measure to register under ABC. The teachers working in our college are encouraged to offer valuable suggestion in curriculum design and development. The senior teachers are served as Chairpersons / Members make representations regarding curriculum enrichment. Academic Bank of Credits shall provide to every student the facility to open unique or individual Academic Bank Account in digital form; and the account holder shall be provided with a unique ID and access to the Standard

	Operating Procedure (SOP). The ABC Regulations intend to give impetus to blended learning Mode, allowing students to earn credits from various HEIs registered under this scheme and through SWAYAM, an online repository of courses. Regarding pedagogy, the teachers are always encouraged to try out new strategies that are learner centric. In teaching learning, besides, the prescribed text books and reference books, the teachers have the liberty to access any other book or material with content related to the topics prescribed in the syllabi. The teachers are also encouraged to provide additional resources / reading materials. Regarding assessments, both internal and external, the assessment criteria prescribed by the affiliating university is strictly.
3. Skill development:	Soft Skill enhancement is achieved by conducting special programmes on Soft Skill development with experts in the field. Besides teaching the curriculum, the institution takes various initiatives to offer value based education. Life Skill Programmes are conducted to promote life values. Important days like Republic Day, Independence Day, Constitutional Day, Voter's Day, Environment Day, National Integration Day, and many other important days / events of national importance are celebrated to promote national integration. Competitions are conducted on such occasions to motivate the students and to inculcate positivity in the young minds. Every student admitted in the college at the Under Graduate level is supposed to enroll in any of the cell or club like NSS, YRC, RRC, Eco Club, etc, which is mandatory for graduating. Life skill programmes like Yoga, Mediation, Women Safety, Health and Hygiene, etc, are organized with the services of industry experts who offer hands on training.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	India is a treasure trove of culture, developed over thousands of years and manifested in the form of arts, works of literature, customs, traditions, linguistic expressions, artefacts, heritage sites, and more. In particular, languages influence the way people of a given culture speak with others, including with family members, authority figures, peers, and strangers, and influence the tone of conversation. The tone, perception of experience, and amiliarity/'apnapan' inherent in conversations among speakers of a common language are a reflection and record of a culture. Culture is, thus,

	encased in our languages. Since its inception the college has been promoting the culture and heritage of our nation. The elective courses prescribed in the programme focus on Indian tradition, culture, philosophy, and knowledge system. Being a higher learning institution, the college adopts English language as the medium of instruction. The institution has also observed the difficulties faced by students with the use of English for class room instruction. Taking the socioeconomic, cultural, and linguistic backgrounds of the students into consideration the teachers are also encouraged to go with bilingual method of teaching. It is also found that the students' receptive skills has enhanced with bilingual mode of delivery. As most of our student's hail from rural backgrounds and for a better understanding of the subjects taught bilingual method of delivery is encouraged in almost all programmes. The college promotes Indian culture and tradition by offering a programme on Indian Culture which is one of the rare subjects in the state.
5. Focus on Outcome based education (OBE):	Outcome-based education is a system where all the parts and aspects of education are focused on the outcomes of the course. The students take up courses with a certain goal of developing skills or gaining knowledge and they have to complete the goal by end of the course. There is no specific style or time limit of learning. The student can learn as per their choice. The faculty members, moderators, and instructors guide the students based on the target outcomes. The programmes and courses prescribed in the syllabi have specific programme and course outcomes. In curriculum design and development sufficient representation is made to the affiliating university through BoS and Academic Council meetings to lay greater emphasis on the course outcomes. More number of courses with experiential learning is recommended to be included in the syllabi. Skill based courses, Job seeking courses, and Project works are a part of our syllabi to make our education outcome based. The teaching learning process is also more learner centric in the recent times and the institution has witnessed a shift from traditional methods of teaching. Students' assessment is made through continuous internal assessments like assignments, seminars, peer team teaching, group discussions, and quizzes.

6. Distance education/online education:	Being an affiliated institution, the college offers only regular programmes. No programme is offered through online or distance mode. In its educational journey, the college has witnessed many phases of teaching learning process. Earlier, the most popular method used for teaching was chalk and talk method. In the recent times, the education industry has been completely digitalized with the advancements in Science and technology. Our college promotes the use of ICT in teaching learning process. The infrastructure and ICT facilities of the college are continuously augmented by our management to meet out the existing demands. The post Covid scenario has increased the use of many virtual platforms in teaching learning. Both the teacher and student community are now comfortable with many online tools for teaching. During the pandemic the institution has made the best use of blended learning. Online exams, online quizzes, webinars, online assignments along with regular physical classes have been tried by the institution as a part of blended learning.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, Our College has established an Electoral Literacy Club with a motto of sensitizing the importance of Voting and functioning effectively and active participation with the help of our Students. Moreover, the club conducts slogan distribution Camps, Human chain rally and few more events to create awareness for both Faculty and Students and neighbourhood Society. In addition, the Club organizes periodical Meetings to eliminate "Vote for Money" in Young minds.
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?	Yes, The following are the members of the PSNITS ELC: 1. Chairman 2. Faculty Coordinators 3. Department Staff Members 4. Student Representatives from each Department, and functioning effectively with the help of our Student Members. ELC is coordinated by Dr.P.Selvaraj, who along with a strong Student Team, represent the Agenda of Voting to all Students and Faculty of the institution. They act as Catalyst between the Student Community and Civic bodies of our Nation.

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.	Our College operates an Electoral Literacy Club (ELC) that blooms with excited Students involvement. The Club organizes various events aimed at nurturing awareness among Students regarding the importance of Voter registration and the importance of casting their Votes. In addition, the club shows its participation by helping the marginalized sections of society to cast their vote whenever there is an Election. They provide periodical assistance to voters that the ELC of PSNITS finds itself in the vanguard of any Election.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	Our College has organized Competitions centered around the theme "Let Me Vote, Let me be the Change Maker". Also, the Electoral Literacy Club collaborated with the District Electoral Office to raise responsiveness regarding the Civic duty of every Citizen to exercise their right to Vote. Our NCC Coordinator Lt.S.Jerome Singh, Assistant Professor of Electrical and Electronics Engineering, along with 25 NCC Students has conducted a rally about "Voting Rights and awareness about the significance of voting" among the general public of Melacheval village in Tirunelveli in the year 2022. The significance of casting votes was also promoted through social media platforms. Moreover, the Institution organizes National Voters Day every Year.
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.	A List of Eligible student has been prepared and such Students were called and guided on the application process. Benefits were extended to the needy. The College was able to produce first time Voters for the assembly poll held in 145 Civic polls. Further, through the club periodical information on new voter registration is passed on students. A Programme on "Leader's Builder" with an emphasis on Voting has been conducted to all our Students.

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
633	592	536	609	647

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: 153

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
91	91	98	98	98

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
321.21	254.12	184.44	213.44	190.31

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

01-06-2024 06:44:51

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 implemented a well-structured Anna University curriculum that served as the cornerstone of a quality education, laying the foundation for students to acquire knowledge, develop critical thinking skills, and cultivate their personal and professional growth. The effectiveness of the curriculum was ensured through its implementation, ensuring that the intended learning outcomes were achieved through effective planning, delivery, and assessment. This comprehensive approach demanded careful consideration of various aspects, including academic calendars, timetables, workload distribution, lesson planning, assessment strategies, and support mechanisms for students facing challenges.

PSN Institute of Technology and Science implemented an organized academic calendar that provided a clear roadmap for the semester, outlining the start and end dates of classes, holidays, and assessment periods. This transparency enabled students to plan their studies effectively, allocate time efficiently, and anticipate upcoming deadlines. Simultaneously, a well-structured timetable ensured that each subject received adequate attention, preventing students from feeling overwhelmed by an excessive workload.

The institute maintained a balanced workload distribution to foster a conducive learning environment. The allocation of assignments, quizzes, and projects was carefully considered, ensuring that students were challenged without feeling overwhelmed or stressed. Overburdening students could have led to decreased motivation, compromised academic performance, and even health issues.

Effective lesson planning served as the backbone of successful classroom instruction at PSN Institute of Technology and Science. Well-structured lesson plans outlined clear learning objectives, incorporated a variety of engaging teaching methods, and catered to diverse learning styles. They also incorporated formative assessments to gauge student understanding and provide timely feedback, allowing for adjustments and adaptations as needed.

Regular internal assessment tests played a crucial role in evaluating student progress and identifying areas for improvement at PSN Institute of Technology and Science. These tests were designed based on Bloom's taxonomy, encompassing a range of cognitive levels, from basic knowledge and comprehension to analysis, application, and evaluation. Additionally, they aligned seamlessly with the learning objectives outlined in the lesson plans.

Question papers were crafted with meticulous attention to ensure comprehensive assessment of student learning at PSN Institute of Technology and Science. A variety of question types, including short answer, and essay questions, were incorporated to cater to different learning styles and address diverse cognitive levels. Moreover, questions were unambiguous, concise, and clearly aligned with the learning objectives.

PSN Institute of Technology and Science identified and supported struggling students to ensure that every individual had the opportunity to succeed. Providing minimum learning material, organizing remedial classes, and offering one-on-one tutoring significantly bridged knowledge gaps and enhanced student comprehension.

Class committee meetings created a platform for students to express their concerns, share suggestions, and engage in open discussions regarding the curriculum and its implementation at PSN Institute of Technology and Science. These interactions fostered a sense of ownership and collaboration among students, encouraging active participation in the learning process.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for 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: 33

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](#)

Other Upload Files	
1	[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: 67.95

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
402	363	395	443	447

File Description	Document
Upload supporting document	[View 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:

PSN Institute of Technology and Science demonstrated its unwavering commitment to fostering a holistic learning environment by seamlessly integrating cross-cutting issues such as professional ethics, gender equity, human values, and environmental sustainability into its curriculum and extracurricular activities. This multifaceted approach ensured that students were not only equipped with academic knowledge but also imbued with the values and perspectives necessary to navigate a complex and interconnected world.

Professional Ethics and Human Values

PSN Institute of Technology and Science placed a strong emphasis on cultivating professional ethics and human values, recognizing their significance in shaping responsible and well-rounded individuals. The university curriculum mandated a comprehensive course on Environmental Science and Engineering, Human Rights, and Disaster Management, instilling in students an understanding of their fundamental rights and the importance of ethical conduct. Additionally, courses such as Software Project Management, Principles of Management, and Total Quality Management further enhanced students' professional values, preparing them to navigate the complexities of the business world with integrity and ethical responsibility.

To complement these curricular initiatives, the training and placement cell organized skill development programs that equipped students with the practical skills required for professional success. Internships and industrial visits provided invaluable exposure to real-world work environments, allowing students to

gain insights into professional expectations and ethical practices.

Gender Equality

PSN Institute of Technology and Science stood as a staunch advocate for gender equality, recognizing its crucial role in creating a just and equitable society. The women empowerment cell spearheaded various programs aimed at empowering women, inviting successful female professionals as speakers to inspire and motivate students. Gender sensitization awareness programs were conducted to foster a culture of respect, understanding, and equal opportunity for all genders. The annual celebration of women's day served as a platform to recognize the contributions of women to society and reaffirm the institution's commitment to gender equity.

Environment and Sustainability

PSN Institute of Technology and Science demonstrated its unwavering commitment to environmental sustainability, recognizing the urgent need to protect and preserve our planet for future generations. The university curriculum incorporated a mandatory course on environmental studies, equipping students with an understanding of environmental issues, sustainability principles, and the role of individuals in promoting environmental stewardship.

To further instill a sense of environmental responsibility, students were encouraged to conduct case studies on local environmental problems, proposing solutions that could be implemented within their communities. Project exhibitions on environment and sustainability provided students with a platform to showcase their innovative ideas and solutions, fostering a spirit of collaboration and collective action.

The institution's dedication to environmental sustainability extended beyond the classroom, as it had implemented a solar power plant to reduce its reliance on fossil fuels, demonstrating its commitment to energy conservation.

The student-led initiative played a pivotal role in raising environmental awareness through tree plantations, rallies, and green campus initiatives. These activities not only contributed to environmental preservation but also fostered a sense of community engagement and social responsibility among students.

Overall, PSN Institute of Technology and Science's commitment to integrating cross-cutting issues into its curriculum and extracurricular activities ensured that students were well-prepared to navigate the challenges and opportunities of the 21st century. By fostering a holistic learning environment that embraced professional ethics, gender equality, human values, and environmental sustainability, the institution empowered its students to become responsible, engaged, and global citizens.

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: 52.45

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

Response: 332

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

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

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](#)
Action taken report on the feedback analysis	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 31.04

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
135	172	101	133	148

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

2022-23	2021-22	2020-21	2019-20	2018-19
450	420	420	450	480

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](#)
Provide Links for any other relevant document to support the claim (if any)	[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: 41.11

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
122	148	96	122	143

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
310	290	290	310	335

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: 6.96

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:

PSN Institute of Technology and Science has implemented several student-centric approaches to foster a supportive learning environment and facilitate a smooth transition from traditional classroom learning to innovative tools.

Experiential Learning:

PSN Institute of Technology and Science recognizes the significant role of experiential learning in providing students with valuable practical exposure.

Students gain hands-on experience and apply theoretical knowledge through laboratory and workshop experiences, utilizing relevant tools and equipment.

Industrial and field visits provide practical exposure to real-world scenarios, enriching the learning experience for students.

Internships and in-plant training offer practical learning opportunities, enabling students to apply theoretical knowledge in real-world situations and explore potential career paths within specific industries.

Mini-projects and major projects allow students to apply coursework concepts, engaging in comprehensive research, planning, and execution.

Model-based learning fosters cognitive skills and enhances understanding of engineering phenomena by encouraging students to create models in the classroom.

Participative Learning:

Workshops, seminars, and technical symposiums foster critical thinking, team work, collaboration, and peer learning.

The institution promotes self-learning through certification programs available on various online platforms.

Group discussions on emerging topics in engineering encourage knowledge exchange and exploration.

Role-playing activities using design thinking methodology enhance understanding of engineering complexities from different perspectives and stakeholders.

Group assignments promote teamwork, critical thinking, and effective problem-

solving skills.

Problem-Solving Methodologies:

In order to foster a problem-solving mindset, the curriculum integrates various

methodologies that encourage students to approach problems with empathy, creativity, and

iterative thinking. These methodologies are aimed at generating innovative solutions and

include techniques such as:

- Design thinking
- First principles Thinking
- Flow charts
- Fishbone diagrams
- Mind maps
- Gap analysis
- Root cause analysis

ICT Tools and Support

PSN Institute of Technology and Science also provides various ICT tools and support, such

as:

Smart classrooms equipped with android smart panels which have features s such as

Hybrid classrooms for both physical and virtual participation

Learning Management Systems (LMS) like ERP, Google Classrooms, and

Google Meet

Faculty laptops for easy course material transfer

Dedicated lab for online course certifications from SWAYAM and Un academy

Access to multimedia resources, online course materials, NPTEL videos, animations,

quizzes, and GATE questions

Hybrid Learning:

In response to the pandemic, PSN Institute of Technology and Science shifted from

traditional physical classrooms to online platforms such as Google Meet, leading to the

development of a digital classroom ecosystem. This allowed for an upgrade in teaching

methods and a virtual learning environment that connects students and faculty members from their own doorsteps. the online classes have now evolved into hybrid classes and are proving

to be effective in delivering quality education, providing an experience similar to those

physical classes.

File Description	Document
Upload 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: 100

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
91	91	98	98	98

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: 5.25

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
15	5	2	2	1

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:

Internal Assessment Mechanism:

The internal assessment mechanism of an educational institution is vital for evaluating students' academic performance

The internal assessment mechanism consists of two continuous internal assessment tests and a model examination.

The schedule for these assessments is determined by the affiliating university and is communicated to students through the academic calendar, notice boards, and other communication channels.

Question Paper Setting and Correction:

In the classroom, thorough discussions take place regarding the format of the question paper and syllabus for these assessments, aiming to ensure that students are adequately prepared. Additionally, the question papers undergo a meticulous verification process led by the Internal Quality Assurance Cell (IQAC) coordinator and the Head of the Department (HOD).

Within a short span of two working days, the faculty returns the corrected answer scripts to the students, promptly addressing any discrepancies in the mark allocation. Furthermore, the mark lists are diligently sent to parents to maintain transparency. In situations where a student is unable to participate in the assessments due to valid reasons, such as medical grounds with prior permissions, a retest is arranged to provide them with an opportunity to demonstrate their understanding and skills.

External Assessment Mechanism:

If a student is dissatisfied with the end semester exam results released by the university, they have the option to request a photocopy of their evaluated answer script. If the student remains unsatisfied with the marks awarded, they can proceed to apply for a reassessment of the answer script after consulting with the respective faculty member.

Grievance Redressal System:

In order to promptly and effectively address student grievances, an established Grievance Redressal Committee operates within the institution. This committee is composed of the Principal, Dean, and HOD. It serves as a platform for students to voice both general and personal grievances through different channels, including mentor-mentee meetings, class committee meetings, suggestion boxes, and feedback from parents. The committee ensures that all student concerns are given due attention and resolved in a timely manner.

Continuous Performance Monitoring:

Mentor-meetings are held twice a month, with each faculty member meeting 10 to 15 students. Additionally, class committee meetings are conducted three times per semester and include a chairperson from another class, subject handling faculty members, and six students from the class. These meetings prioritize students' concerns and allow them to express grievances to the chairperson and committee members.

Furthermore, all valuable suggestions gathered from various channels, such as the suggestion box, parent- teacher meetings, result analysis, and the Grievance Redressal System, are promptly communicated to the management for swift action and resolution. This ensures that necessary steps are taken to address and resolve student issues effectively.

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:

PSN Institute of Technology and Science (PSNITS) is committed to providing high-quality education and ensuring the holistic development of our students. As part of this commitment, PSNITS have implemented a comprehensive system to outline the Programme Outcomes (POs) and Course Outcomes (COs) for all the programmes offered by our institution. These outcomes serve as a framework to guide students, faculty, and other stakeholders in understanding the specific knowledge, skills, and abilities that our programmes aim to impart.

Goals:

To inform and educate students the scheme of instruction i.e. the Program Outcomes, Course

Outcomes, Teaching techniques and the methods of evaluation to ensure greater understanding of the goals to be achieved.

To evaluate the attainment and review the curriculum if required.

Our institution has adopted outcome-based education which focuses on measuring student

performance through outcomes.

Methodology Adopted:

Course outcomes, program outcomes and program-specific outcomes are evaluated to measure the knowledge, skills and behavior of students for the continuous quality improvement of each course and program using the below-mentioned procedure.

Programme Outcomes (POs):

Programme Outcomes (POs) are broad statements that describe the expected attributes and achievements of our graduates upon completing their respective programmes. These outcomes reflect the core competencies and values we seek to instill in our students, preparing them for successful careers and responsible citizenship. Each programme has its own set of POs that align with the overall mission and vision of our institution.

Course Outcomes (COs):

Course Outcomes (COs) are specific learning objectives that correspond to individual courses within a programme. These outcomes outline the knowledge, skills, and attitudes that students are expected to acquire after successfully completing each course. COs are designed to align with the broader POs and contribute to achieving them.

Benefits and Importance:

The clear articulation of POs and COs offers several advantages

     1.Clarity and Guidance: Students gain a clear understanding of what is expected of them and the

skills they will develop throughout their academic journey. Faculty members can also align their teaching strategies and assessments with the specified outcomes.

2. Assessment and Evaluation: POs and COs serve as a basis for evaluating the effectiveness of the curriculum and instructional methods. Regular assessments ensure that the desired outcomes are being achieved.

3. Accreditation and Quality Assurance: Many accrediting bodies require institutions to define and communicate their POs and COs. By doing so, our institution demonstrates its commitment to providing quality education.

4. Stakeholder Engagement: Parents, prospective students, and employers can refer to the outcomes to assess the suitability of our programmes for their needs and expectations.

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

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

PSN Institute of Technology and science (PSNITS) is affiliated with Anna University, Chennai. The Course Outcomes (COs) and Program Outcomes (POs) are clearly defined and outlined in the University Curriculum. These COs are further reviewed and refined by competent individuals, taking into account the college's vision and mission statement, and the syllabus content. To ensure transparency, the COs and POs are readily available on the institute's website.

Programme Outcomes (POs) and Course Outcomes (COs) are crucial components of the academic curriculum. They define the expected knowledge, skills, and attitudes that students should acquire upon completing their respective programmes and courses. The POs are designed to align with the institution's mission and vision, while the COs are specific to each individual course.

Additionally, the COs are explicitly mentioned in the question papers for Continuous Internal Assessment tests (CIA), providing students with a clear understanding of the COs related to each subject. These COs and POs are meticulously documented in the course files.

For practical subjects, it is the mark awarded for record work and Model Practical Examination put together converted to 20. Internal marks for Project work is calculated from the Marks Awarded for three reviews and Project report. For practical subjects, it is the mark awarded for record work and Model Practical Examination put together converted to 20. Internal marks for Project work is calculated from the Marks Awarded for three reviews and Project report.

Attainment of Programme outcomes, Programme specific outcomes:

Attainment of PO and PSO are calculated by the following tools:

Direct Attainment

1. Centralized Internal Assessment Mark & Assignment
2. End Semester Examinations Grade points of the end semester examination results are also used to calculate the PO attainment.

Subject wise PO attainment level is calculated by adding 40% of the internal assessment (given in the table) and 40% of end semester examination and 20% of the assignment for each subject. Attainment of Program Outcomes & Program Specific Outcomes Program Outcomes (POs) are one step broader statements than COs that students are expected to know and be able to do upon graduation. These relate to the skills, knowledge, and behavior that students acquire throughout the program. It is required to compute the attainment levels for PSOs in addition to computing attainment of POs. Program outcomes and 'program specific outcomes' are attained through the attainment of COs. Direct attainment of PO's

– The average of individual PO attainment values. Indirect attainment of POs and PSOs – Student exit surveys, Employer surveys, Alumni Surveys, etc. A distinct questionnaire was designed for this purpose and the average responses of the outgoing students for each PO are computed.

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

2.6.3

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

Response: 82.38

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
77	108	145	173	105

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
117	133	153	174	161

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[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: 3.76

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: 25

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
15	10	0	0	0

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:

To encourage research and innovation among faculty and students, PSN Institute of Technology and Science established the Research & Development Cell, the Intellectual Property Rights Cell, and the Entrepreneurship Development Cell.

Research and Development Cell: To encourage research culture and innovation, events such as invited lectures by research experts are arranged. Every year, the Research and Development Cell hosts Faculty Development Programs on Research Topics. Students are assigned group projects and summer projects to help them become more creative and critical thinkers.

Intellectual property rights: The IPR Cell teaches faculty and students about intellectual property rights, such as patents, copy rights, trademarks, and trade secrets, through awareness programs. The IPR cell supports the documentation and submission of copyrights and patents for innovative ideas. Three

patents have been filed through our college thus far. Students who are interested in starting their own businesses are identified by the Entrepreneurship Development Cell (EDC), which also provides them with start-up guidance. Training courses are delivered via the cell.

PSNITS has organized 54 Seminars, Workshops, and Faculty Development Programs on research methodology, intellectual property rights, and entrepreneurship in the past 5 Years. National level technical symposiums are conducted in regular feature to showcase student innovations, and prizes are given to the best projects with a social focus. Participants in international conferences and seminars are encouraged to submit papers.

In order to share knowledge and resources and prepare Students for the workforce, the activities like Research and Internship Programmes in conjunction with Businesses and other Institutions. Field projects, Placement training, and Internships are all available to our Students through the Institution's 41 operational Memorandum of Understanding / Collaborations and Linkages for Faculty Exchange, Internship, Field Trips, On-the-Job Training, Research and Academic activities.

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

3.2.2

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

Response: 54

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
13	11	10	10	10

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: 0.19

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
15	10	1	0	3

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: 0.13

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
20	0	0	0	0

01-06-2024 06:44:52

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:

PSN Institute of Technology and Science (PSNITS) places a significant emphasis on community engagement, conducting regular extension activities to establish a strong connection with the community. These initiatives are structured to raise students' awareness of community needs and encourage their active involvement in social service, thereby promoting their overall growth and development. The National Service Scheme (NSS), Youth Red Cross (YRC) and National Cadet Corps Units (NCC) provides students with opportunities to engage in community-based outreach activities.

Our student volunteers visit neighboring localities and conduct various activities regularly. Further, the College organizes various Extension Activities with a dual objective of not only sensitizing the Students about various Social issues but also contribute to the community and strengthen the community participation. Through NCC, NSS, YRC units, the college undertakes various Extension activities in the neighborhood community. It aims at developing qualities of Leadership, Patriotism, maintaining Discipline, Character building, Spirit of adventure and the ideal of self Service.

In addition to NSS and NCC Units, the various Departments of the College is conscious about its responsibilities for shaping our students into responsible Citizens of the country by making Students aware of social issues through various Programmes like Environmental Awareness, Road Safety, Tree Plantation, Plastic eradication, organizing visit to Old Age Home, Blood Donation Camps, Mask awareness camps etc. This joint venture encourages and facilitates various extension programs. Events like participation of the students who take up activities in collaboration with other agencies to spread awareness.

PSNITS NCC team has participated in several outreach initiatives and established itself as a social responsibility role model for its students. They are secular because all religions celebrate their festivals. Their celebration of Flag Day, Republic Day, and Independence Day have made them patriotic. National Youth Day is also World Environment Day. PSNITS celebrated International Yoga Day, International Women's Day, and International Drug Abuse Day. To raise students' awareness of social and environmental issues, seminars and awareness campaigns are arranged on topics such as women's rights,

environmental sustainability, and the use of renewable resources.

Blood donation camps in the College is regular feature whereby students and staff donate blood for the cause. Blood donation camp strengthens the sense of empathy and compassion among donors and also instils in them a sense of commitment and ethical responsibility.

All these extension activities have given the participants exposure to cases of unjust deprivation and have created strong motivation for alleviation of this injustice. Apart from this the significance of clean surrounding, hygiene, sanitation in the neighborhood, garbage disposal, and sensitizing the community at large to these vital issues. All these initiatives have gone a long way in holistic development personality of the participants of these Programs Our Woman Empowerment Cell is also used to conduct awareness Programs helped in cultivating hidden personality of Students and created awareness among Students.

File Description	Document
Upload Additional information	View Document

3.4.2

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

Response:

The Institution has received Awards and Recognition for its involvement in extension activities from Government and Government Recognised Bodies. The PSNITS places a strong emphasis on Community participation and frequently hosts outreach events to deepen links with the neighbourhood. The exercises raise Students' awareness of local issues and promote volunteerism, which fosters their growth and all-around development. Students can participate in the Community Service Projects through the National Service Scheme (NSS), Youth Red Cross (YRC) and National Cadet Corps Units (NCC). During the last Five Academic Years, Faculty Members and Students of the Institution have donated blood to the Society.

In order to foster comprehensive development and long-term advancement, the College encourages Faculty, Students, and Staff interaction with the Community. The College has been consistently interacted with the Society, especially to make awareness about the Scientific knowledge for solving the problems of Farmers, unemployed Youth, Elderly and weaker sections of the Society. Annual programmes encourage voluntarily taking part in Community-based activities with the goal of fostering responsibility and a sense of Service. The programme fosters a closer bond with the Community and instils Social Responsibility, Morals, and Ethical principles.

Long Term Objectives and Action Plan:

1.Panchayats and PSNITS working for holistic development in the neighbouring villages with a long term plan of action,

2.Sustained relationship and linkages of rural schools for capacity building,

3. Awareness generation and sensitization drives on Swaachh Bharat, COVID, AIDS, Plastics, Water, Road safety, Smoking , health and sanitation.

4. Developing system and avenues for villagers visiting PSNITs and teachers/students/staff reaching the village.

Impact & Sensitization:

Exposure to extension and outreach activities sensitize the students towards social issues faced by the people, especially downtrodden.

The activities conducted lead imbibing the values of social responsibility such as:

1. To help people in need and distress;

2. To understand the prevailing health issues and help them to take precautionary measures;

3. To promote cleanliness in all span of life and common places;

4. To acquire social values and a deep interest in environmental related issues.

Learning Outcomes of the Activity:

1. Enlarge the knowledge of societal issues and problems and to search solution by getting involved with their lives.

2. Develop a passion and brotherhood towards community, affected people/animals and destitute.

3. Develop skill and aptitude for problem solving.

4. The skills developed include social skills communication skills, management skills, leadership skills, analytic skills, perceptual skills etc.

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: 56

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
11	12	03	15	15

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: 17

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](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

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:

Infrastructure:

PSN Institute of Technology and Science (PSNITS) is situated on a spacious, 10.89-acre campus in the serene and picturesque surroundings of Melathediyoor. Our institution provides an optimal environment for student learning, boasting a substantial built-up area spanning 34478.94 square meters and all the necessary infrastructure to facilitate their academic, professional, and personal growth.

Physical Facilities:

The campus is exceptionally well-equipped, featuring state-of-the-art classrooms, cutting-edge laboratories, advanced ICT facilities, and a wide array of cultural activities. It also boasts a fully equipped gymnasium and a dedicated yoga center, all of which collectively provide students with an outstanding learning environment.

The laboratories are outfitted with the latest sophisticated equipment, enriching the practical knowledge and experience of our students. Moreover, the presence of seminar halls, conference rooms, and tutorial facilities creates an ideal setting for collaborative learning and knowledge exchange.

Our central library stands out with its extensive collection of e-resources, an extensive array of books, a wide selection of magazines, and a vast array of journals, all seamlessly automated for effortless access. These amenities empower our students to showcase their talents, express their creativity, and develop their leadership skills, contributing to their holistic personal growth and development.

ICT Facilities:

"The institution maintains a commendable student-to-computer ratio of 2.19:1, exceeding the recommended standard. To ensure uninterrupted internet services, the college has established 1000 Mbps dedicated leased line connectivity. Demonstrating a commitment to contemporary ICT tools, the college embraces innovative teaching techniques, such as the utilization of LCD projectors and hybrid classrooms, fostering an advanced and dynamic learning environment.

Beyond its outstanding academic offerings, PSNITS also boasts exceptional sports facilities to

accommodate a wide array of indoor and outdoor games. Students have the opportunity to partake in cricket, volleyball, badminton, throw ball, chess, and carrom board right on campus. The college takes pride in its commitment to promoting a healthy lifestyle among its students.

Other amenities:

The campus offers an array of amenities and facilities designed to enrich the student experience. It boasts meticulously manicured lawns and gardens, creating an inviting and scenic atmosphere. In prioritizing student well-being, a healthcare center with readily available first-aid services is on hand. Additionally, CCTV surveillance is strategically placed throughout the campus to ensure safety and security.

Clubs and Cultural activities:

PSNITS actively promotes the self-development of its students through a plethora of specialized cells and clubs, offering extensive support and motivation. With a rich variety of clubs, our college provides a diverse range of extracurricular activities that enable students to explore and engage in their unique interests. Furthermore, our institution places a high value on diversity and cultural inclusivity, as evidenced by our celebrations of significant occasions. Our commitment to fostering a dynamic and inclusive environment ensures that our students have the opportunity to grow not only academically but also personally and culturally.

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

4.1.2

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

Response: 0

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	0	0	0	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:

PSN Institute of Technology and Science (PSNITS) library is a well-furnished and spacious facility, housing an extensive collection of engineering books. It includes a wide range of national and international journals, periodicals, and magazines, covering diverse subjects like Mathematics & Sciences, Engineering and Technology, Humanities, and Management. With a seating capacity for up to 100 students, the library offers a comfortable reading environment. The collection comprises approximately 14700titles and over22882 volumes, incorporating e-books, national and international journals, magazines, and newspapers. This comprehensive collection empowers students to enrich their knowledge and skills in their respective fields, making the library a valuable resource for their academic and intellectual growth.

ILMS:

The library is equipped with College ERP's Integrated Library Management System (ILMS) to deliver high-quality service to readers and establish an efficient book storage system. The ILMS includes various features, such as an Online Public Access Catalog (OPAC) and Modern lib Software (Library Management System) that allows users to locate the status and location of books, view available resources, and check their borrower status. For circulation control, users are required to present their ID cards when issuing, returning, renewing, or reserving materials. The library's master module encompasses user, book, journal, CDs, publisher, issue/return, and report modules. Through this comprehensive system, various reports can be generated and printed, such as utilization reports, books issued and return reports, bibliography reports, and categorization based on accession number, author, subject, department, supplier, publisher, title, availability, and unique book titles. The library management system ensures efficient management and accessibility of resources for an enhanced reading experience.

Access to e-Resources:

The central library at the college provides students with access to a wide array of e-resources and e-

Journals through various institutional memberships, including DELNET, J-Gate, and E-Person. The library's Digital Library is connected to high-speed 1000 Mbps leased line computers within the facility. Users can directly access online journals allowing them to stay updated on the latest engineering research and developments. Moreover, the library offers access to faculty publications, patents, and student publications, resulting in a comprehensive collection of scholarly resources..

Library Usage and Expenditure:

The library records a daily usage rate. The annual expenditure on these resources is approximately Rs.4.5 lakhs. The library management system efficiently generates and prints various reports, including books issued and return reports, book reports categorized by accession number, author, subject, department, supplier, publisher, title, and availability. Additionally, monthly and yearly reports are readily available. Overall, the college central library serves as a valuable resource for students to enhance their knowledge and skills in their respective fields. Its extensive collection of engineering books, access to e-resources, and well-equipped facilities make it an indispensable component of the institute's academic environment.

File Description	Document
Upload 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:

PSN Institute of Technology and Science places a high priority on providing exceptional computing resources to both students and faculty. The campus is equipped with the latest technology, including high-speed internet and Wi-Fi, a robust Learning Management System (ERP), and essential accessories for advanced learning. Our commitment to safety and security, along with a focus on acquiring necessary software and hardware, ensures that students have access to the tools they need to excel in their studies.

Computing Facilities:

Our campus is well-equipped with 289 computer systems, featuring the latest processors with i3,RAM 8GB Hard disk 240 SSD, Processor i3, RAM 4GB, Hard disk 500 GB, Processor i7, RAM 16 GB, Hard disk 240 SSD, 1TB HDD Intel Dual core Processor @ 3.0 GHZ, 2GB DDR III memory, 160 GB SATA Hard disc drive. Additionally, high-speed Wi-Fi and internet services are accessible to all stakeholders.

Internet Facilities:

We offer internet service with a bandwidth of 1000 Mbps, delivering seamless internet connectivity across the campus. In cases of higher data requirements, this bandwidth can be further increased. Students and faculty members can easily access Wi-Fi-enabled educational resources through various access points spread across the campus. Over the last 5 years, we have steadily increased our internet bandwidth from 20 Mbps to 80 Mbps.

Learning Management System:

To facilitate efficient management of attendance, class notes, assignments, and communication, we employ an ERP as our Learning Management System. Our college website offers essential information for stakeholders, while faculty members share updates on lessons, question banks, and Laboratory manuals on the site. Google Meet and Google Classroom are used for conducting classes, sharing notes, and assigning work to the students during Corona Period. In addition, we also organize competitions, webinars, and alumni talk series to enhance programming skills, provide entertainment, and share knowledge

ICT Facilities:

The safety and security of our students and faculty are paramount, which is why we have strategically placed cameras throughout the campus. Our dedicated IT team handles software installation, system administration, network monitoring, and technical support. All departmental faculty rooms and offices are provided with internet facilities, and ten classrooms, a seminar hall, and two conference halls are equipped with LCD projectors, Eight smart board classrooms, and Wi-Fi to facilitate hybrid learning. We encourage our faculty to leverage these modernized ICT facilities for delivering lectures, ensuring easy access to online resources and notes for students.

Licenses and Software:

We ensure sufficient licences for all required software as per our college curriculum. All laboratories on campus are equipped with licenced software, which is extensively used for classes, research work, training, certification programmes, and more. While we prioritize necessary licenced software.

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

4.3.2

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

Response: 3.18

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

year:

Response: 199

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	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: 8.34

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
27.06	15.94	21.56	14.93	17.54

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: 92.67

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
547	553	522	593	581

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[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: E. None of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View 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: 64.53

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
495	374	362	346	370

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: A. All 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](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[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: 80.1

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
75	106	92	118	96

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
77	108	145	173	105

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	[View Document]()
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	[View Document]()
Institutional data in the prescribed format	[View Document]()

5.2.2

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

Response: 7.44

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
0	0	0	8	1

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: 0

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
0	0	0	0	0

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.3.2

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

Response: 8.4

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
10	10	2	10	10

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:

Alumni play a crucial role in the PSN Institute of Technology and Science (PSNITS), and the institute has maintained a positive relationship with the industry and alumni since its inception. The primary goal is to enrol all graduates as members of the association and to facilitate alumni active participation in the institute's activities, events, and projects. The primary objective of the PSNITS Alumni Association (PSNITSAA) is to connect alumni to the institution, develop synergistic plans to support the institution and help it realize its vision, and enable the institute to add value for all its stakeholders. In 2019, the Institute established an alumni cell to maintain a strong connection between the institute and its alums. Regular alumni gatherings and frequent interaction with alumni through webinars, seminars, and guest lectures. The alumni association facilitates the formation of alumni networks and maintains contact with the business world. The alumni meet will be hosted annually by the alumni association and supported by the management. Alumni from various branches will be invited to share their thoughts and suggestions on the scope of their course, as well as to promote professional awareness. This affords the alumni the chance to meet other alumni and reflect on their past experiences and moments. The Alumni Association provides a forum for alumni to share their intellectual, career, and professional experiences not only with teachers but also with current students.

The following actions were carried out with the assistance of Alumni.

Curriculum Enrichment: Alumni are engaged in the identification of curricular gaps and the development of value-added course modules. Every month, alumni enrol in webinars on technical topics.

Interactive Sessions: The alumni association aids in organising interactive sessions to excite current students about employment and study abroad options. They express their views on social networks.

Industry connects: Alumni aid in the formation of MOUs with industries. Alumni who are entrepreneurs arrange industrial tours for students and offer advice on how to establish a business, thereby transforming them into job creators. The alumni provide assistance for student internships.

Research and consultancy: To encourage college students and association members to conduct research and consulting work in sectors such as engineering, automation, industrialization, etc. Alumni support the departments by directing entrepreneurs to conduct consulting work in several technical disciplines.

Mentorship: Alumni can play an active role in volunteer activities such as mentoring students in their respective fields of expertise. To exploit the rich experiences of former college students for the benefit of the institution. To aid students in finding suitable employment.

Placements / References: A college's alumni network is one of the most significant sources of placement opportunities for students. Alumni can assist students with company referrals and placement within their respective enterprises.

Administration: Alumni are members of the IQAC and contribute feedback to impart a quality system that is adaptable to current industry trends and needs.

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:

The College aims to impart quality education combined with ethical values and the qualities that are in resemblance with the nation's development. The vision of the college is to produce high quality Engineers who prepared themselves with their academic excellence and research oriented ambience to meet the global needs.

Vision:

Our vision at PSN Institute of Technology and Science is to become a prominent center of higher education, dedicated to promoting excellence in academia, research, and innovative endeavours. Our aim is to cultivate a nurturing atmosphere that empowers students to unlock their complete potential and transform into proficient professionals who actively contribute to the advancement of society.

Mission:

- To strive for elevated levels of technical knowledge and skill development through creative teaching and learning methods.
- To enhance our infrastructure to align with the ever-evolving demands of the technological revolution.
- To nurture and advance research across all facets for the betterment of society.

The mission statements spell out the needs of the society in crystal clear terms such as technically competent and holistic development of the individual to accomplish the vision of the institution. To achieve these objectives, the teaching-learning process involves effectively imparting competitive technology with research orientation to the students through various courses classified as Basic Sciences & Humanities, Engineering sciences, Professional core, Professional electives, Open Electives, Skill development courses and project work Courses related to Human Values & Professional Ethics which are offered to the students as part of curriculum to impart knowledge on human values and ethics. Also students can imbibe and cultivate in their personal and professional lives. The students are provided with skills to meet the competitive technologies through skill development programs. The board of governors has been constituted as per the norms, oversee the operations of the institute and provide guidelines for proper functioning of the institute. The Board of Governors meet at regular intervals and review the operations of the institution. It provides guidance for further improvements keeping vision & mission, strategic plan and sub plans in various category in view.

Perspective Plans:

The Principal of the Institute discusses the broad contours/ components of the Perspective Plan with the Managing Committee of the Institution and it is then finalized in consultation with the Governing Body of PSN Institute of Technology and Science.

Participation of the teachers in the decision-making bodies:

The institute decision making bodies such as Academic Council, IQAC etc., will represent the decision by active participation of faculty. In the Governing Council, one of our senior faculties, two Professors and one Associate Professor have been nominated as members for this. Members of the IQAC are HOD's and some of the faculties while most of the faculties are also members of various other Committees. Our college committees are Anti Ragging, Grievances Redressal, ICC etc. which have been constituted with specific functions and responsibilities. While the minutes of the meetings of the IQAC are posted on the Institute Website, the minutes of the meeting of other meetings are recorded and circulated to the concerned. Faculties are also the members of the Program Assessment Committee and Department Advisory Committee.

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:

PSN Institute of Technology and Science (PSNITS), Tirunelveli, was established by the PSN Trust for Education and Charity in the year 2009 under the leadership of Dr. P. Suyambu a multi-tasked personality with admirable academic brilliance. The College is located at Melathediyoor, 12 km away from Tirunelveli unfolding its grandeur over 27 acres of land. The College exhibits an attractive panorama conducive to education and research due to its serene surroundings covered by last rows of green trees at the backdrop of mountains with birds chirping all time. The PSN group with a network of eight institutions has made tremendous strides in the field of higher education. PSNITS has a governing council constituted as per AICTE provisions. It consists of chairman, nominees of management, members representing academia, Industry, faculty and Principal of the institution. Academic council oversees policies and procedures regarding academic matters with principal, HODs and senior faculties of the college experts from premier institution, industries representative and University nominee as members. The college Academic committee meets regularly for monitoring and implementation of policies, Academic and Admissions, Placement and training and the controller of the examination report to the Principal. Functional heads for Finance, Administration, learning resource centre, computer centre,

Physical education and maintenance also report to the principal. Other 15 committees includes Anti-ragging, Finance, Women empowerment etc. Administrative manual includes employee's duties, responsibilities, leave and conduct rules, recruitment process etc. A provision is available for stake holders to give their feedback/suggestions through online and suggestion boxes.

Strategic/ Perspectives plan:

The institutional strategic/ perspectives plan has been clearly articulated and implemented. The following goals of the strategic plans 2021-2025 are being implemented.

1.   To establish better academic practices and procedures.

2.   To be a choice for good quality students and competent faculties.

3.   To produce technically competent and ethically strong.

4.   To encourage Research and consultancy.

5.   To develop a smart campus.

6.   To improve good quality Publication.

The task involved are Comprehensive Academic ERP system which is under development, provision of more number of Wi-Fi Hotspots, increasing the scope of campus surveillance System, enhancement of energy conservation systems Enterprises Resource Planning (ERP) software is designed to manage day to day academic and administrative activities, Wi-Fi access points have been provided in the campus to strengthen the teaching learning process. Surveillance cameras have been installed in the campus for the safety of the students and faculties and for monitoring the conduct of examinations.

Institutional bodies:

Various institutional bodies for efficient and effective functioning of the institutes are College governing council, Students Grievance and Redressal Committee Industry Institute Interaction Committee, Anti-Ragging Committee, SC/ST Welfare Cell, IQAC, Exam cell, Training and Placement Cell, Entrepreneurship Development Committee, Disciplinary and Welfare Committee, Alumni Interaction Committee, R&D Committee, Women Grievances Committee. The establishment above institutional bodies is to accomplish better academic practices and procedures. It is a choice for good quality students and competent faculty to develop the smart campus.

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	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](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[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:

PSNITS takes accurate care of its personnel both teaching and non-teaching. The college assures the contributions of its personnel to the improvement and development of the institution.

For Professional growth:

Financial support is provided for Registration fee, travel allowance for attending conferences and workshop given for the staffs. Incentives for publications and research projects are given to faculties. Faculty members are permitted to deliver the guest lecturers in other Institutions which help the faculties to explore and obtain the knowledge. Also, they are encouraged to pursue PhD programme for carrier growth and institutional in research and development.

Welfare measures:

Our college is providing Casual leave / Medical leave for both teaching and non-teaching staff, Maternity leave for the women staff, Management contribution to Provident fund for both teaching and non-teaching staff, Emergency medical care, An Ambulance and first-aid is flying inside the campus.

Performance Appraisal system:

Performance appraisal is done by various methods such as information on quality of their teaching, course delivery, etc., is collected through the following mode:

- Results
- Student's feedback in semester end

HoD's remarks on Staff performance in various areas such as Work completion, team work, department contribution, punctuation, dress code and then classroom management are multiple aspects of appraisal analysis.

Non- Teaching staffs are appraised by Lab Maintenance, Department contribution, Punctuation and dress code and Team work

Feedback Evaluation:

Twice in every year, the students evaluate the teachers handling their respective subjects covering various aspects of student-teacher interaction through a computerized structured format. The computer on-line-evaluation pertains to teaching process dimensions: punctuality and regularity of the teachers, teacher's discussion coverage of class tests, tutorial & assignments and syllabus.

Assessment of college environment, facilities and management responsiveness are measured on the following dimensions: College environment, cleanliness/sanitation, Library facilities, canteen water supply, games/sports, transport, HoD's attitude towards problem resolution, principal response to grievance, support of management in general.

Absolute privacy and confidentiality is maintained so as to avoid the individual student assessor's identity. After the evaluation process is completed, if any faculty member is found to be deficient, he/she is counselled, advised and trained to improve through an advisory committee consisting of Professors and Head concerned. The institutional administration will take necessary steps to encourage and reward teachers with excellent increments or promotion.

Student's feedback in semester end:

Students are instructed to submit the feedback link in Google form on following basis: Coverage of syllabus, ability to explain the concepts in clear and simple language, creating interest through examples, audibility while giving the lecture, voice modulation and mannerisms, interaction in the class, overall class control, discipline and punctuality.

Effectiveness and follow-up action:

If any faculty member is found to be deficient, he/she is counselled, advised and trained to improve through an advisory committee consisting of Professors and Head concerned.

File Description	Document
Upload 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: 72.9

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
66	66	73	72	70

File Description	Document
Policy document on providing financial support to teachers	[View 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: 72.82

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
94	83	83	86	80

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
31	21	17	22	18

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 PSNITS was established in 2019 with the vision of providing quality technical education for students from rural backgrounds. Taking into consideration the economic status of the students and to assist them in realizing their academic dreams, our institution has decided to provide scholarships for the students who come from economically backward families.

The management made the following policy decisions as providing scholarships to deserving students who come from rural backgrounds and economically weaker sections

1. Students who scored more than 170 cut-offs in the higher secondary exam can obtain a 100% tuition fee waiver, and those who scored more than 150 cut-offs can get a 50% tuition fee waiver.
2. A two-year tuition fee waiver is provided to the school topper, who ranks in the top seven.

3. Students who scored more than 500 marks will be eligible for special scholarship.
4. Special fee concessions will be provided to the sports person who is awarded by the state or central government.
5. Students from other states who scored higher than 75% will be eligible for merit scholarship.
6. The above-mentioned scholarship programmed will be in effect from this academic year onwards.

The proposal on budget allocation is prepared by the Head of the Institution, by considering the recommendations made by the heads of all the departments and will be submitted to the management. The allocated budget will be examined by the accounts department whether expenses are as per the budget approved by the management. The budget of the year includes recurring expenses such as maintenance cost, electricity, internet charges, salary, stationery, other consumable charges etc., and non – recurring expenses like furniture, lab equipment purchases, and other development expenses.

Process of internal auditing

The internal auditing committee regularly reviews all of the invoices and vouchers. All of the expense records were correctly maintained by the accounts department. The institution attaches the greatest importance to the keeping of accurate accounts. When the fiscal year comes to an end, a legal audit is performed. The audit report is examined by management. The efficient use of financial resources is planned at the start of every fiscal year. Purchase orders for laboratory equipment, instructional aides, furnishings, facilities, and payment of maintenance bills are handled by the accounts department, along with tuition fee collection, wage distribution, tax payment, and loan distribution.

Process of external auditing

According to government regulations, external auditing is usually performed on an annual basis. Following the auditor's confirmation, all transactions are properly authorized and presented to management for additional examination. Any discrepancy discovered during the audit process will be examined right away, together with any necessary supporting documentation, within the set time frames. The audited declaration on the paperwork is properly acknowledged by the management's authorities.

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:

In 2018, the Internal Quality Assurance Cell (IQAC) was established to ensure the quality of services provided by the institution to its stakeholders. The Governing Body formed an IQAC council to oversee quality assurance methods and processes. IQAC has undertaken various initiatives to raise awareness among faculty members about quality assurance strategies to enhance academic excellence. Furthermore, IQAC maintains continuous oversight of all academic, non-academic, and administrative activities to align with the institution's goals.

IQAC ensures the quality standards of the programs offered and aids in enhancing students' learning outcomes through academic and administrative audits. It conducts internal audits and department profiling presentations every semester to assess the proper functioning and achievement of department goals as outlined in the approved yearly plan. An external audit is conducted by experts at the end of the academic year, where they evaluate various aspects, including departments, the library, the Department of Physical Education, administrative offices, examination cells, placement cells, statutory bodies, and supporting units. The recommendations and suggestions provided by these experts contribute to the improvement of quality and the streamlining of the institution's operations.

IQAC of PSNITS has been instrumental in obtaining ISO 9001: 2015 Quality Management System certification. Energy Audit and Environment Audit have been conducted to assess the eco-friendly initiatives carried out on the Campus and maintain a sustainable environment.

To improve the teaching quality, IQAC organizes seminars / conferences / FDPs / workshops / hands-on training in collaboration with Academic Institutions for creating and disseminating knowledge among the Members of Faculty. The College has signed 26 MoUs and 15 Collaborations with Academic Institutions and Industries to upgrade our teaching–learning process.

On the advice of IQAC, PSNITS has implemented a wide range of committee activities, encouraging all students to participate. These activities, with their contributions being nurtured effectively, offer students a unique opportunity to develop technical skills and gain confidence in their respective disciplines. These committee activities play a vital role in fostering relationships among peers, regardless of a student's academic year. Moreover, they enhance interactions between instructors and students, facilitating the acquisition of new knowledge and skills. In addition, technical events will be organized, focusing on the latest technologies, thereby encouraging enthusiasts to explore various aspects of both hardware and software fields.

The Committee activity aims at

- To covers the fundamentals as well as the latest technological advancements.
- To encourage innovative thinking and the application of theoretical knowledge in the real world.
- To instil leadership and managerial skills, promote teamwork, and enhance the mental abilities and wisdom of our technical community.
- To stay up-to-date with the constantly evolving technology and its diverse needs.
- To foster innovation, imagination, and practicality.

The students are encouraged to undertake mini projects that allow them to apply the fundamental principles learned in their laboratory classes and broaden their skills beyond the classroom setting.

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

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); 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](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[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:

The institution prioritizes safety for students and staff with 24/7 security officers at entry points, ensuring entry only after verification. CCTV surveillance, monitored by administrative staff, enhances campus safety. Adequate lighting is strategically placed in classrooms, common areas, and key locations for a secure environment.

The institution is dedicated to advancing gender equity through our Women Empowerment Cell (WEC). We firmly believe in equal opportunities for all students, irrespective of gender, and encourage their active participation in technical workshops, seminars, and non-technical activities, including indoor and outdoor sports.

PSNITS stands out when it comes to gender equity. The institution has more than 38% of our teachers are women, and they hold important positions like activity coordinators. The Institute actively encourages and values the participation and contributions of women in all of its significant initiatives, including leadership and decision-making.

The Women Empowerment Cell has a vital role in making our college campus a safe and empowering environment for female students and faculty members. It strives to enhance their awareness of issues related to women, fostering an atmosphere of support and understanding.

PSNITS Women Empowerment Cell (WEC) has been a driving force behind women's advancement through guest lectures, seminars, awareness programs, and charitable initiatives. Our dedicated WEC coordinators and college counselors provide unwavering support, ensuring a secure and nurturing living environment for all students.

PSNITS enthusiastically observes both national and international commemorative days, events, and festivals as a tribute to the ideals of patriotism and to honor our esteemed national leaders. The entire institution, including faculty, staff, and students, unites to partake in these celebrations and collectively promotes the values of unity, peace, love, and happiness.

In particular, PSNITS takes pride in commemorating the birth and death anniversaries of eminent Indian personalities. These occasions serve as a means to immerse our students in the rich tapestry of the nation's history and heritage.

In PSNITS, we proudly celebrate diverse occasions emphasizing education, empowerment, and societal

contributions. Teachers Day (05/09/2022) is a heartfelt expression of gratitude for educators shaping our academic journey. Dr. A.P.J. Abdul Kalam Birthday (15/10/2022) honors the legacy of the esteemed scientist and ex-President, emphasizing innovation and leadership. Nightingale's Day (13/12/2022) commemorates Florence Nightingale's selfless contributions to nursing. National Girl Child Day (24/01/2023) highlights the importance of empowering girls. Republic Day (26/01/2023) is a patriotic celebration marking the adoption of the Indian Constitution. National Science Day (24/02/2023) promotes scientific awareness. Women's Day (08/03/2023) celebrates women's achievements, fostering gender equality within our college community, adding vibrancy beyond the classroom.

The Institute prioritizes student well-being through a comprehensive counseling system, with regular departmental meetings for issue resolution. Faculty members are assigned student groups, fostering personal, academic, and emotional support through regular communication.

The College has dedicated committees, including Grievance Redressal, Anti-Ragging, and Internal Complaints, providing direct channels for students to address concerns. Online grievance submission is also available. The campus is meticulously maintained, with housekeeping staff adhering to a schedule to ensure cleanliness at regular intervals.

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: B. 3 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View 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: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View 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](#)
Certificates of the awards received from recognized agency (if any).	[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:

There are several Institutional efforts and initiatives that PSN Institute of technology and Science (PSNITS) has implemented to provide an inclusive environment and promote tolerance and harmony towards Cultural, Regional, Linguistic, Communal, and Socioeconomic diversity. Some of these efforts include:

PSNITS has developed diversity and inclusion of Programs that promote awareness and understanding of holistic social set up. These Programs include Workshops, Training sessions, Cultural events, and Seminars to sensitize students and employees to the importance of diversity. Fine Arts Club trains the students in folk music and dance forms of various Culture.

PSNITS provides Cultural sensitivity training to students and employees to help them understand and appreciate different cultures, traditions, and values. This training can help to reduce biases and stereotypes and promote understanding and empathy towards others.

PSNITS has adopted and implemented equal opportunity policies that ensure that all individuals, regardless of their Multi Social oneness and otherness have equal access to Education, Employment, and other Opportunities.

PSNITS has developed an inclusive Program beyond Curriculum that reflects various avenues of social diversity of their Students body. This can help to promote a sense of belonging and value for all Students, regardless of their background.

PSNITS has adopted a policy that the rights of every individual are protected in the campus. To this aim, the institution has formed committees and councils such as Anti-ragging Committee, Internal Complaints committee and other committees to ensure equal rights to all citizens.

In summary, by implementing these institutional efforts and initiatives, PSN Institute of Technology and Science has provided an inclusive environment that promotes tolerance and harmony towards holistic social life. This can help to create a more positive and supportive environment for all members of the institution and foster a sense of belonging and respect for all.

PSNITS organizes various cultural programs to celebrate the cultural diversity of India. Students participate in such programs and present their regional or cultural folk songs and dances. These cultural events are organized at different levels- departments, hostels, and college- and on different occasions like Traditional day, Fresher's day, College annual day, Independence Day, Republic Day, etc.

In PSNITS College, we embrace cultural diversity and celebrate a variety of occasions that enrich our campus life. Ayudha Pooja Celebration (04/10/2022) is a day where we pay homage to the tools and equipment integral to our learning and work, fostering a sense of gratitude. Christmas Celebration (25/12/2022) brings the joy and spirit of the festive season to our campus, promoting unity and goodwill. Pongal Celebration (13/01/2023) honors the harvest festival, creating a vibrant atmosphere of traditional festivities. Cancer Day (04/03/2023) raises awareness about cancer prevention and support for those affected. No Smoking Day (11/03/2023) underscores our commitment to promoting a healthy, smoke-free environment on our campus. Each celebration contributes to the cultural tapestry of our college, fostering a sense of community and shared values among students and staff.

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 PRACTICE - I

Title of the Practice:

Skill Development through Learning Methodologies

Objective:

Engineering studies now necessitate the development of crucial professional skills. The program aims to bridge the academia-industry gap, acquaint students with current industry concepts, empower them to tackle real-time challenges, narrow skill gaps for industry integration, cultivate interdisciplinary skills, and expose them to the latest trends in their field, enhancing employability.

The Context

The institution is dedicated to advancing technical knowledge and skills through innovative teaching methods. Focusing on career development, it addresses the communication challenges faced by predominantly rural students, ensuring they are not only employable but also equipped for long-term professional success, emphasizing post-employment growth.

The Practice

The institution has established a platform to enhance their skills and demonstrate consistent performance throughout their careers.

The Placement Training Programmes, commencing from the second year, aim to transform student aspirations into reality, fostering industry-ready candidates. Through MoUs with diverse industries, the institution provides continuous preparation encompassing Language Enhancement, Quantitative Aptitude, Career Craft, Training Programmes, and Seminars. Students undergo training in Soft Skills, Quantitative Reasoning, Verbal Aptitudes, Personal Grooming, Presentation Skills, Resume Writing, Personal Interviews, and GD Techniques.

Collaborating with MoU Industries and technical experts, Skill Development Programmes, including one-day sessions, are organized to enhance students' skills. Internships serve as a vital bridge between industrial expectations and educational outcomes, ensuring staff and students gain essential skills through interactions with industry experts.

The institution offers Value-Added Courses like MS Project, Language Translator, Introduction to Node JS, Embedded to IoT, Industrial Automation, Green Energy, and Applications, supporting students' career development.

Workshops, Guest lectures, National & International Conferences, and Seminars supplement students with the latest technologies, fresh perspectives, relevance, and practical outlook in their studies.

Evidence of Success

The programs for professional enrichment have proven highly successful, evident in increased placements and offers. More than 90% of students secure positions in their core companies. In the academic year 2022-2023, the institution provided diverse initiatives: 9 value-added courses, 12 internships, 8 industrial visits, 8 training programs, 2 conferences, and 21 seminars/webinars. Impressively, out of 117 placement opportunities, 110 students secured positions, achieving a remarkable placement rate of 94.02%.

Problems Encountered and Resources Required

• Accommodating certificate courses beyond the scheduled class hours poses a challenge for students.

• Scheduling classes for students from mixed disciplines poses a problem in fixing the common timings for the certificate course classes.

• Training the heterogeneous students is challenging as they are at different levels of learning and interest.

• Finding resource persons across disciplines with varied expertise of Students find it difficult to balance value addition course with the mainstream courses.

• Getting qualified resource person at proposed date is challenging.

• Coordinating with the external resource persons poses a challenge for the faculty in addition to their regular workload

BEST PRACTICE - 2
Title of the Practice:
Providing Free Midday Meal Scheme for Students and the Public

Objectives:
Midday Meal Scheme is an ambitious project of the College. It was started with an intension to provide free midday meals to the poor and the needy students and the local community of the rural area.
• To provide simple meals to students and the local community during lunch time.
• To provide free midday meals to the deserving students and the local community throughout the year.
• To see that students should not remain in empty stomach during the noon hours in the college.
• To facilitate the students who come from rural area.

The Context
To combat food insecurity among students and the local community, PSNITS initiated the "Providing Free Food for Students and the Public" program. This ensures regular, nutritious meals for academic success and well-being. By extending benefits beyond students, the program fosters inclusivity, community engagement, and a commitment to positively impact all served.

The Practice
• The provision of a free midday meal extends to students and the local community year-round.
• The institution is located in a rural area, and the majority of its students hail from distant, remote regions.
• A significant portion of students attend classes with either limited food or on an empty stomach, leading to reduced attentiveness in the classroom.
• Some students arrive at college with empty stomachs due to the health conditions of their parents, who face challenges in preparing breakfast early in the morning. Each year, a substantial number of students benefit from the program.

Evidence of Success
• The program's success in meeting the needs of its intended audience is evident through the rising number of students and community members who regularly utilize the free food services.
• Providing evidence of the program's positive impact can be achieved by tracking and documenting improvements in the nutritional health of participants, including the academic performance of students.
• A noticeable reduction in food insecurity rates among both students and the local community serves as a clear indicator of the program's effectiveness.
• Assessing community engagement and participation in program activities, such as volunteer involvement and feedback collection, reflects the success of fostering a sense of community.
• Evaluating feedback from beneficiaries, volunteers, and other stakeholders is essential to gauge their satisfaction and identify areas for improvement.
• The program's capacity to sustain itself over time and its potential for expansion or replication in other institutions or communities can be a strong testament to its success.
The food distribution occurs from 1:00 pm to 2:00 pm at the PSNITS Auditorium, benefiting approximately 300 to 350 members.
Problems Encountered and Resources Required:
• No specific obstacle was encountered. A committee was formed with faculty for successful implementation of the programme. The Committee was entrusted with the duties of mobilizing funds from Alumni and philanthropists. Student community is also given representation in the committee.
• Accumulation of funds/donations is a hectic task.
• The inadequacy of both infrastructure and staffing for food preparation and service is evident.

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

7.3 Institutional Distinctiveness

7.3.1

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

Response:

Efficient Career Placement via Placement and Training Cell

Introduction

The Placement Cell and Training Cell is an essential component of our institution, equipped with a comprehensive infrastructure to ensure its effective operation. This cell operates tirelessly throughout the year, dedicated to creating numerous placements and training prospects for our students.

The institution is committed to assisting each student in exploring diverse placement opportunities, extending invitations to various companies for on-campus student recruitment. We have the privilege of hosting numerous accomplished professionals from reputable industries, actively engaged in delivering these programs. Our placement cell operates with a high level of professionalism, overseen by the Coordinator of Training & Placements, along with the active involvement of Heads of Departments and dedicated staff coordinators to streamline placement activities.

Objectives

- The objective of the Training & Placement and Training cell is to offer students a platform to harness their potential and acquire valuable industry experience.
- Additionally, it serves as the intermediary connecting various companies in search of talented young graduates from diverse disciplines.
- To facilitate the placement of students in potential IT / core companies.
- To assist students in cultivating a winning spirit with a global perspective.
- To support students in nurturing their academic pursuits, career aspirations, and both short-term and long-term objectives through personalized counseling and group sessions.
- To provide comprehensive support to both our students and the companies looking to hire them, ensuring a successful and mutually beneficial recruitment process.
- To assist students for In-plant training and to obtain placements at the end of the fourth and sixth semester.
- To acting as a vital bridge connecting students, alumni, and the broader employment community.

The Context

PSN Institute of Technology and Science envision itself as an institution of excellence, dedicated to nurturing high-quality and innovative engineering professionals. Our approach emphasizes the importance of providing ample practical exposure to our students, enabling them to formulate action plans and implement solutions in response to the dynamic and competitive external environment.

Our mission is to foster a technological, intellectual, and ethical atmosphere that equips students with profound and exceptional education, preparing them for the evolving demands of the industry. PSN Institute of Technology and Science is committed to instilling a lifelong passion for innovation, recognizing it as a fundamental aspect of continuous learning essential for a prosperous engineering career.

The Practice

At PSN Institute of Technology and Science, we have established an autonomous Training and Placement wing dedicated to extending comprehensive support to our students as they prepare to confront the global competition. Our institution places a significant emphasis on fostering the personality development of our students.

In line with the evolving needs of the industry, our curriculum is meticulously designed to equip students for roles as entry-level Graduate Engineer Trainees. We offer a wide range of resources to facilitate the acquisition of essential interview skills, including the organization of mock interviews. Furthermore, our team of experienced soft skills trainers actively assists students in honing their soft skills, which are indispensable for their professional journeys.

Some of them are as follows:

- Personality Development
- Communication Skills & Vocabulary
- Resume Preparation& Email Writing
- Group Discussion
- Interview Skills
- Aptitude Training & Practice Tests

Evidence of Success

The industry consistently seeks out students who exhibit vibrancy, energy, and a willingness to embrace challenges. They value individuals who are attentive, possess a strong academic foundation, are quick learners, and maintain an open attitude towards continuous learning within the workplace. Exceptional communication skills are highly regarded, as they greatly enhance a candidate's prospects of securing a good job. They are performing good jobs in many various companies such as Aptiv components India Pvt Ltd, Syrma Technology Pvt Ltd., SAC Engine components Pvt Ltd., Siemens Gamesa Renewable Pvt Ltd., Act Plast Paints PVT Ltd., Unitech Plasto Components Pvt Ltd., Tata Business Support Services, Geo Adithiya Technologies, CRI Pumps Pvt Ltd., Nittany Creative Services, New Tech Auto Components Pvt Ltd., Rising Stars Mobile India Pvt. Ltd., Ucal Fuel Systems Ltd., India Seah Precision

Metal Pvt. Ltd., M/S. Coramandel Electronics, M/S.Sandfits Pvt. Ltd., Nifco South India Pvt. Ltd., Caparo Engineering India Ltd., Geo Info Media.

Over the consecutive academic years, the placement details showcase a consistent trend of success. In 2018-2019, 161 placement opportunities were provided, and 144 students secured positions, resulting in an impressive 89.44% placement rate. The trend continued into 2019-2020, with 174 placement opportunities, although 94 students securing positions led to a 54.02% placement rate. In 2020-2021, 153 placement opportunities were available, and 132 students secured positions, resulting in an 86.27% placement rate. The positive trajectory persisted in 2021-2022, with 133 placement opportunities and 120 students securing positions, leading to a 90.25% placement rate. The latest academic year, 2022-2023, saw 117 placement opportunities, with an impressive 94.02% placement rate as 110 students secured positions, showcasing the institution's commitment to fostering successful career paths for its students.

Problems Encountered and Resources Required

- Inspiring and guiding students towards career-oriented programs. Easily achieving our goals becomes possible through motivating students to embrace positive thinking.
- Providing sufficient Practical exposure to the students. For practical exposure students are encouraged to go for in plant training once in a year.
- Encouraging non-IT engineering students to pursue their respective fields with enthusiasm and determination. Motivating non-IT Engineering students by briefing their core department job opportunities.

- Developing action plans and implementing solutions in response to the ever-changing world. To attain our goals, a change in strategy is necessary.
- Motivating students to travel to different states for interview opportunities. Students are motivated and also accompanied with the staff members to travel for different states for attending the interviews.

File Description	Document	
Appropriate web in the Institutional website	View Document	
Any other relevant information	View Document	

5. CONCLUSION

Additional Information :

- PSNITS holds a valid ISO 9001-2015 certificate. The Vision, Mission, Objectives, Quality Policy and Core values are clearly framed.
- The Physical Infrastructure of PSNITS exceeds the prescribed requirements by AICTE and Anna University in terms of Classrooms and Laboratories.
- Faculty Members regularly participate in Faculty Development Programs, Workshops, Conferences and Seminars / Webinars to enhance their Skills.
- Augmentation of Research & Development and Institutional Consultancy activities are attracting more number of Faculty Members.
- Incentives are given to Faculty Members for their achievements in Research and Academic activities.
- All Students are encouraged to participate in Inter-Collegiate and industry-oriented events at the National level to develop their competitive spirit.
- PSNITS is allocated regular schedules for conducting training and placement sessions for all the Students.
- PSNITS promotes Entrepreneurship by anticipating current and future needs, bringing actionable and new ideas to the market, and developing Students with the skills and initiatives needed to create more jobs in Society.
- The NAAC Documentation preparation has been anchored by the Faculty Members who have spent their time, energy and dedicated services in shouldering the responsibility with dedication and Leadership.

Concluding Remarks :

The success of a Nation and the mental development of an individual depends on Education. However, in emerging Nations like India, ignorance and poverty are huge barriers. It's critical to overcome these obstacles, and Education is one of the key foundations for doing so.

PSNITS is dedicated to giving Students an unforgettable learning experience. This is made possible by our careful Planning, clear Vision, and purpose Statements. The commitment of our Faculty, Staff, and Students enables us to pursue greatness in Academics, Research, and Governance.

In order to critically evaluate our Strengths, Flaws, Difficulties, and Opportunities, we prepared a Self-study report as part of our commitment to responsibility. We are committed to understanding our performance and being accountable to all Stakeholders, which is shown in our participation in the Accreditation process with the National Assessment and Accreditation Council (NAAC).

PSNITS's main Objective is to provide the Students with the Academic edge and perseverance they need to pursue their chosen fields of study at a high level. We want to raise up responsible, socially conscious individuals who can contribute to Society's Advancement. For the Welfare and advancement of Humanity, we firmly believe in our motto and are dedicated to developing Individuals into Technologically advanced, Socially responsible, and Civically responsible Citizens.

In Conclusion, PSNITS is committed to advancing Education as a way to empower people and create a better

future for India.

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 : Answer After DVV Verification :33 Remark : Value has been updated as the repetition of the Value added courses in every year during the assessment period to be considered as one.
1.3.2	**Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)** 1.3.2.1. **Number of students undertaking project work/field work / internships** Answer before DVV Verification : 423 Answer after DVV Verification: 332
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 : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: C. Feedback collected and analysed Remark : HEI has not provided the supporting documents as asked by DVV partner .
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* 2.1.2.1. **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)** 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>132</td><td>168</td><td>101</td><td>129</td><td>147</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>122</td><td>148</td><td>96</td><td>122</td><td>143</td></tr></table> 2.1.2.2. **Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise 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></table>

| 315 | 294 | 294 | 315 | 336 |

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
310	290	290	310	335

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
35	10	0	0	0

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
15	10	0	0	0

Remark : Value updated as per supporting document.

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

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
13	11	10	10	10

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
13	11	10	10	10

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
20	10	1	1	3

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
15	10	1	0	3

Remark : Values has been updated as the journal not found on UGC care list and Scopus indexed are not be considered as per NAAC SOP.

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
20	0	0	0	0

Answer After DVV Verification :

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

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
12	14	03	16	15

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
11	12	03	15	15

Remark : Values have been updated as the programs which does not seems to be outreach in nature is not considered.

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 : Answer After DVV Verification :17 Remark : Values updated as the MOUs for seminars and guest lectures and Student exchange MOUs with Industries will not be consider.
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: TABLE1 Answer After DVV Verification : TABLE2 Remark : Values have been updated as the depreciation amount can not be considered and No expenditure is shown on augmentation in the audited expenditure statement uploaded in 3.1 Hence the value Values updated to zero.
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 : 289 Answer after DVV Verification: 199
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: TABLE3 Answer After DVV Verification :

TABLE1:

2022-23	2021-22	2020-21	2019-20	2018-19
56.96	113.78	21.15	187.08	89.46

TABLE2:

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

TABLE3:

2022-23	2021-22	2020-21	2019-20	2018-19
46.56	71.73	53.42	57.53	68.517

2022-23	2021-22	2020-21	2019-20	2018-19
27.06	15.94	21.56	14.93	17.54

Remark : Values have been updated considering the expenditure incurred on repair and maintenance of the infrastructure (physical facilities and academic support facilities) excluding salary component for all the assessment years.

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: <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>547</td><td>553</td><td>522</td><td>593</td><td>581</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>547</td><td>553</td><td>522</td><td>593</td><td>581</td></tr></table>
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: E. None of the above Remark : Value updated as three or four seminars/lectures for a day in a year can not be considered as capacity development and skills enhancement activities.
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: A. All of the above
5.2.1	**Percentage of placement of outgoing students and students progressing to higher education during the last five years**

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
75	106	92	118	96

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
75	106	92	118	96

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

Answer before DVV Verification:

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

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

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.)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	8	1

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	8	1

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
10	13	2	10	5

Answer After DVV Verification :

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

Remark : Values have been updated excluding the intercollegiate award as it will not be considered as per NAAC SOP ; HEI to consider only university / state / national or international achievements awards.

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
42	42	10	42	39

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
10	10	2	10	10

6.2.2	*Institution implements e-governance in its operations* 1. **Administration** 2. **Finance and Accounts** 3. **Student Admission and Support** 4. **Examination** Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above
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* 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** Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
94	83	83	86	80

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
94	83	83	86	80

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
21	21	17	22	18

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
31	21	17	22	18

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: B. 3 of the above Remark : Value updated as per the supporting 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** Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of teaching staff / full time teachers during the last five years (Without repeat count):** Answer before DVV Verification : 166 Answer after DVV Verification : 153
2.1	**Expenditure excluding salary component year wise during the last five years (INR in lakhs)** Answer before DVV Verification:

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
321.21	254.12	184.44	213.45	190.31

Answer After DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
321.21	254.12	184.44	213.44	190.31