



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

PRANVEER SINGH INSTITUTE OF TECHNOLOGY

KANPUR - AGRA - DELHI NATIONAL HIGHWAY (NH-19) , BHAUTI - KANPUR

- 209305

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www.psit.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Ranked among the top institutions in UP, PSIT has secured 11th place among IITs and Northern India's engineering institutes and 30th among private engineering institutes nationally, 24th rank in Research Capability and 32nd place among all IITs and engineering institutes in India. (TOI Engineering Survey 2023). With a NIRF-2023 rank between 151-300 in innovation and a prestigious 4th rank in Internshala's annual ranking 2022, PSIT's ascent is resolute. Institute secured first position in AICTE-Student Learning Assessment (PARAKH) in Uttar Pradesh in 2022.

Every eligible undergraduate program holds NBA accreditation. PSIT's BTech claims third position, followed by MBA and MCA at fourth and fifth ranks respectively in the performance analysis report by AKTU, Lucknow.

Over 100 gold medallists and university rank holders, with a community of 5700+ students, guided by 300+ faculty members and a network of 15,000+ alumni, PSIT's influence spans continents. Rooted in discipline, integrity, and holistic learning, PSIT stands for academic endeavour, aligned with societal needs.

Across 80 acres of serene expanse, PSIT's campus is equipped with advanced research and residential facilities. Specialized courses create a transformative journey, from MCA to cutting-edge MTech, diverse BTech spectrum and the all-encompassing MBA program. PSIT empowers students to forge careers, reshape industries, and elevate communities.

The Startup and Incubation Foundation as a manifestation of its excellence nurtures startups in cutting-edge fields such as AI, Sustainable Energy, Fintech and more.

The Ministry of Education's Innovation Cell has awarded a coveted 3.5-star rating to the Institution's Innovation Council (IIC) at PSIT. Further, PSIT has also been recognized as Host Institute by MSME.

PSIT's collaborative partnership with IIT Kanpur has borne a VIRTUAL Lab dedicated to PYTHON Programming. PSIT's Centre of Excellence in AI and ML, in collaboration with IKigai Lab and Pingala AI, epitomizes the institution's dedication to cutting-edge exploration.

With pay packages ranging from Rs 5 Lacs to Rs 50 Lacs, the 2022-23 batch have seen, 232 placement drives that have yielded 1,272 students receiving offers from industry leaders like Paloalto, Atlassian and Juspay to name a few. Moreover, students have also excelled in competitive exams like GATE, CAT, and SSB.

Vision

To achieve excellence in professional education and create an ecosystem for the holistic development of all stakeholders.

Mission

To provide an environment of effective learning and innovation, transforming students into dynamic, responsible, and productive professionals in their respective fields, who will further become capable of adapting to the changing needs of the industry and society.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- All eligible UG programs are NBA accredited.
- Experienced and qualified faculty
- State of the art functional infrastructure for classrooms, labs and workshops
- Strong student focus through a robust system of value-added training for holistic development to complement the academic effort
- Consistently excellent record in placement and internship
- Strong academic collaborations
- Student centric outcome-based education
- Eco-friendly, energy efficient clean and green campus
- Strong alumni network
- Engaging with nearby areas for proactive social improvement
- Start-up & Incubation Cell

Institutional Weakness

- Limited level of sponsored research projects
- Limited consultancy projects
- Industry supported labs
- International MOUs and exchange program
- Constraints due to geographical location
- Student diversity

Institutional Opportunity

- Expansion of PG programs
- Higher scale of funding for projects
- Increased government funding for start-up support
- Increase in number of collaborative projects with government bodies and other HEIs.
- Interdisciplinary research projects
- Greater focus on publications
- Greater involvement of alumni through existing networks
- Increased scale of engagement for community development
- Expand the scope and scale of start-up and incubation center
- Greater focus on consultancy assignments from Government and private entities.

Institutional Challenge

- Low level of external funding for research infrastructure strengthening
- Geographical location limits access to emerging opportunities
- Limited academic autonomy
- Increased level of consultancy projects
- Limited Patents

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

PSIT Kanpur, is affiliated to Dr. APJ AKTU, Lucknow, and follows their guidance with adaptation focused at enhancing envisioned outcomes. The effective curriculum planning of the institute is carried out under the guidance of the Director and Dean Academics. Qualitative delivery of the curriculum is ensured by the Department Assessment Committee (DAC) headed by the respective HOD. The Department Advisory Board (DAB) provides suggestions & guidance to cope up with the program curriculum gap. The internal assessment is carried out through internal examinations (Class Tests, Pre-University Examination and Assignments) followed by the End-Semester Examination conducted by the affiliating university.

Experiential learning is provided through mini-projects, projects, seminars, industrial visits and internships to achieve hands-on and professional experience wherein 73% of the students undertaking the same. To integrate crosscutting issues, curriculum includes courses such as Communication Skills, Universal Human Values and Professional Ethics, Constitution of India Law and Engineering, Indian Tradition Culture and Society, Environment & Ecology etc. In addition to the university curriculum, regular co-curricular and extracurricular activities are organized under various students' clubs viz. Prayas, Utthan etc.

The identified curriculum gaps are addressed through the value-added courses, focusing on skill development, multidisciplinary activities, employability and entrepreneurship. 150 value added courses were conducted by the institute during the last five years and all 100% of the students have successfully completed these courses. The institution has signed MOUs with relevant organizations to provide necessary training related to industry readiness and entrepreneurship to focus upon various aspects aimed at bolstering skills and creating a conducive environment.

Feedback is taken on a regular basis from various stakeholders viz. Students, Faculty, Employers, Academicians and Alumni in order to improve the content planning and delivery mechanism. This feedback is received from time to time, analysed, and an action plan is prepared to address the highlighted issues.

Teaching-learning and Evaluation

PSIT Kanpur offers admissions to students through state level counselling, conducted by the affiliating University as per the reservation norms of the state government. 85% enrolment with 57% seats filled against seats earmarked for reserve categories.

PSIT Kanpur has adequate number of skilled & experienced faculty members to ensure the effective teaching learning process and evaluation. The average student teacher ratio (STR) of the last five years is 15:1 with around 90% of posts filled against sanctioned posts and 100% having the desired highest degree with a strong focus on attainment of POs and COs. FDPs and conference/symposium participation ensure that there is a

constant exposure to the faculty with latest developments in their field. High academic standards are reflected in over 96% of students passing exam.

Faculty members make use of ICT tools and student-centric methods to focus on experiential learning, participative learning and problem-solving approach. To incorporate experiential learning effectively, each department conducts relevant activities. Students are encouraged and guided for add-on certifications on the latest technologies with NPTEL, Coursera, ICT-IITK, Microsoft, Google and NSE etc. The institute has its own LMS for sharing reference material, PPTs, videos, web links, and virtual quizzes. The Digital Library of the institute provides online access to a vast range of e-resources.

As a part of the continuous evaluation, the institute ensures compliance with the university's processes and procedures. The question papers incorporate Bloom's Taxonomy to test the student's skills, including short answer and long answer questions with internal choice options. A robust system exists for the calculation of attainment of program outcomes and program specific outcomes. The departments continuously review the attainment levels and take necessary actions for improvement. Feedback surveys from all stakeholders are regularly conducted for continuous improvement.

Research, Innovations and Extension

The Institute has a Research and Innovation cell headed by Dean, Research & Innovation to mentor the faculty members to write and submit research proposals to government and non-government organizations viz. DRDO, DST, AICTE, DBT, SERB, UPCST, etc. A grant of Rs. 7.3 crores has been received from government/non-government entities.

With around 100 workshops/seminars and programs on research methodology & IPR the institute lays a strong focus on interactive learning. Faculty members have published significant number of quality research papers in peer reviewed journals, conference proceedings and book chapters with reputed publishers. PSIT Kanpur has well defined research incentive schemes to promote research and innovation among Faculty members.

Total 109 community outreach activities are a testament to the institute's commitment towards social upliftment & development.

Innovation and Entrepreneurship (I&E) Cell of PSIT, registered with #Startup India program of MoC&I, is committed to nurture entrepreneurial skills of the students. "PSIT Start-ups and Incubation Foundation" (a section-8 company) provides a wide range of facilities and resources to 12 registered start-ups and entrepreneurs. Institution Innovation Council (IIC), rated 3.5 star by MoE, provides a platform for the students, faculty, and staff members to explore and develop innovative ideas.

The institute has organized numerous activities and events to reach out to the marginalized sections of the society. PSIT Kanpur has adopted a cluster of villages under the Unnat Bharat Abhiyaan. The institute is also appreciated by Hon'ble Member of Parliament Dr. Murli Manohar Joshi under Saansad Adarsh Gram Yojana (SAGY). A good number of extension and outreach programs such as the Clean Ganga campaign, Distribution of nutritious diet kit to TB Patients, Village level start-ups and youth empowerment, Plantation Drive, etc. have been undertaken.

Students staying in hostel teach children of workers and the economically challenged children of villages in close vicinity after the college hours on regular basis. Female workers and females of villages in close vicinity

are sensitized on women health & hygiene, women empowerment/ voter rights etc.

The institute has signed 40 MOUs with leading academic and industrial organizations in the area of academic alliance, research & innovation, etc.

Infrastructure and Learning Resources

PSIT Kanpur campus is a lush green architectural marvel spread over 80 acres and environment-friendly and centrally air conditioned. All lecture rooms are ICT enabled. Central library with a floor area of 1164 sqm is LMS enabled and has 70137 books/5618 titles, 17 printed journals, 15 magazines, 9 newspapers, 30050 e-Books, 23984 e-Journals on J-Gate and 1151 on DELNET and Turnitin can accommodate over 300 students for sit-in reading and has a daily footfall of around 250.

The Auditorium of the institute is an architectural highlight for PSIT, having a seating capacity of 1350.

With 32.56% of funds spent on infrastructure augmentation and 28.78% on maintenance of academic and physical infrastructure the institute ensures that the academic and co-curricular activities are carried out seamlessly.

PSIT Kanpur has many physical facilities such as separate hostel facilities for both boys and girls, separate mess for boys & girls to feed around 2000 students/meal, multiple eateries, mechanized laundry facility, medically equipped infirmary, furnished accommodation for its faculty & staff members, Centralized RO Water Plant, 24X7 power back-up etc.

Under the green energy initiative, the institute has a solar power plant of 1350 kW for green energy and multiple battery cars. Wheelchairs, elevators, ramps, divyangjan friendly softwares and separate rest room for Divyangjan are available. Each floor is easily accessible through elevators.

The institute currently has a primary internet leased line of 1.5 Gbps and a back-up line of 500 Mbps. The student computer ratio is 1.8:1.

The institute has a well-equipped media center to prepare and record lecture videos, documentaries to disseminate information for both academic and general purposes. The institute has approximately 1000 CCTV cameras installed all over the campus i.e., pathways, classrooms, labs, library, academic blocks, hostel etc. for monitoring purposes. 24X7 security is available through 54 male & female security guards. A team of 120 janitors and gardeners ensures a clean and green campus.

The institute has open air gym, separately for boys and girls, yoga hall, Indoor-Outdoor playgrounds, infrastructure for cultural activities and recreational spaces to enrich students' holistic development. Additionally, each hostel has badminton courts, snacks vending machine and regular, bilingual newspaper subscription.

Student Support and Progression

The institute provides adequate support to eligible and needy students to avail the benefits of fee reimbursement schemes. As a result of that, 75% of students have received scholarships from the Government of Uttar Pradesh and the management of the institute.

The institute conducts numerous skill enhancement programs to transform the students into industry ready professionals. PSIT Kanpur has a uniquely designed and customized well-structured training program for the career guidance and counseling of students. As a result, more than 80% students achieved significant career progression viz. placements in MNCs, higher studies in top rated institutes and entrepreneurial ventures. Over 10% students have qualified state/ national/ international competitive examination during last five years. All students were benefitted by guidance for competitive examinations and career counselling during the last five years.

PSIT Kanpur has a well-defined online/ offline grievance redressal mechanism for students, faculty & staff members and the internal complaint committee (ICC) for outlining & emphasizing women empowerment, gender sensitization, prevention, and prohibition of sexual harassment of female employees/ students and redressal of grievances on top priority basis. The institute has a policy of zero tolerance towards ragging of any kind or nature. The institute has a well-established mechanism to prevent ragging.

The institute supports and motivates the students to participate in co-curricular and extracurricular events. An average of 40 sports and cultural events were organized during last five years. Students have won around 60 awards for outstanding performance in external sports and cultural events. Students have won accolades in various competitions organized by renowned institutions.

The Institute has a registered alumni association which organizes Alumni Meet for better engagement with alumni which helps to establish a long-term relationship with them. Other than the regular alumni meet, frequent sessions on cutting edge technologies and emerging industrial trends are delivered by prospective alumni to the graduating students.

Governance, Leadership and Management

PSIT Kanpur follows the democratic, participative, decentralized and transparent methods of functioning with the collaboration of all the stakeholders. The Board of Governors (BOG) accords its approval for the constitution and functioning of various committees and subcommittees based on the suggestions rendered by various stakeholders to ensure decentralization of authority. These committees perform various functions, as may be necessary and deemed fit for the proper devolution in line with the vision and the mission of the institute. Governance and leadership are in accordance with vision and mission of the institute and is visible in institutional practices viz. NEP implementation, sustained institutional growth in the short and long term institutional perspective plan.

E-governance forms the backbone of various activities related to administration, finance & accounts, student admission & support and examination for a transparent and participative. The institute has adopted numerous welfare measures and motivational policies for teaching and non-teaching staff viz. Group medical insurance and group life insurance, Marriage leave, Maternity/Paternity leave, Employee referral scheme, Career advancement scheme (CAS), Employee retention policy and Motivational policy for outstanding contribution etc.

A robust performance appraisal system based on continuous evaluation of behavioral attributes, administrative

responsibilities and academic contribution is in place and covers all 100% of the employees of PSIT.

PSIT Kanpur provides financial support to faculty members for attending the conferences/workshops by reimbursing the registration fee and traveling expenses, 75% of the faculty members have been benefited by this scheme during last five years. Numerous faculty and staff members attend the FDP/SDP on a regular basis for skill enhancement. 78% teachers and non-teaching staff members have attended FDPs/SDPs during last five years.

The institute has a mechanism for the effective utilization of financial and other resources. IQAC provides guidelines for blending the complete quality model with the academic process, compliance to standards of quality assurance and conscious efforts to enhance the quality standards as per the requirement. These process are duly tested from time to time through academic and institutional audit.

Institutional Values and Best Practices

PSIT, Kanpur is a staunch believer of gender equity and ensures that the female faculty, staff and students are well aware of their rights. Numerous activities are organized to sensitize young minds to curb gender biases. Several sessions viz. workshops, seminars, experts' sessions, etc. have been organized pertaining to women safety, health-hygiene and social security. These initiatives create an ambience wherein equal opportunities are provided to everyone.

As a responsible institution, PSIT Kanpur has successfully adopted a well-developed waste management system for greater efficiency and sustainability. Hazardous chemicals are neutralized and discharged into neutralization pits. Vermicomposting and bio-compost facilities are available in the campus to dispose-off biodegradable waste. Professional Horticulture department of the institute maintains and upkeeps the green campus. A significant proportion of total energy is being met through renewable energy sources as a green initiative, the institute has a solar power plant of 1.35 MW Capacity. Rainwater harvesting is practiced on a significant scale.

The Institute has been working tirelessly to create an inclusive environment so that students and employees from different backgrounds feel engaged, productive and energized perennially.

PSIT stands as a distinguished pinnacle in the landscape of higher education, epitomizing a unique blend of academic rigor and holistic personal development. As a seasoned institution with over two decades of nurturing minds and shaping futures, PSIT upholds an assurance to fostering global leaders of tomorrow within an environment where a healthy mind flourishes. Welcoming students to realize their innate potential, we are dedicated to guiding them towards comprehensive growth and exceptional achievements.

PSIT, Kanpur, has embarked on a noble journey to uplift the quality of life in rural communities that grapple with underdevelopment. The institute has taken under its wing five villages, addressing a dire need for basic amenities like clean water, healthcare, education, and sanitary facilities. These villages often witness entrenched social injustice, unemployment, and poverty, leading to diminished opportunities and living standards. Through a myriad of activities like awareness campaigns, training programs, and sustainable agriculture practices, PSIT's initiatives are pivotal in elevating living standards in these areas.

PSIT, Kanpur, a name synonymous with systematic brilliance, stands as a beacon of well-organized and efficient educational practices. For over two decades, PSIT has distinguished itself not only by its academic

excellence but more so through its system-driven approach that permeates every aspect of the institution.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PRANVEER SINGH INSTITUTE OF TECHNOLOGY
Address	Kanpur - Agra - Delhi National Highway (NH-19) , Bhauti - Kanpur - 209305
City	KANPUR
State	Uttar pradesh
Pin	209305
Website	www.psit.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	SANJEEV KUMAR BHALLA	0512-2230066	8004233777	0512-2240000	director@psit.ac.in
IQAC / CIQA coordinator	RAGHVENDRA SINGH	0512-2230044	8429394238	0512-2240000	ec@psit.ac.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

State	University name	Document
Uttar pradesh	Dr Apj Abdul Kalam Technical University Uttar Pradesh Lucknow	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	10-06-2023	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	Kanpur - Agra - Delhi National Highway (NH-19) , Bhauti - Kanpur - 209305	Semi-urban	80	146277.7

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Information Technology,Information Technology	48	Intermediate	English	120	120
UG	BTech,Electronics And Communication Engineering, Electronics and Communication Engineering	48	Intermediate	English	120	120
UG	BTech,Computer Science And Engineering,Computer Science Hindi	48	Intermediate	Hindi	60	60
UG	BTech,Computer Science And Engineering,Computer Science and Engineering Artificial Intelligence and Machine Learning	48	Intermediate	English	180	180
UG	BTech,Computer Science And Engineering,Computer Science and Engineering Cyber Security	48	Intermediate	English	120	120

UG	BTech,Computer Science And Engineering,Artificial Intelligence and Data Science	48	Intermediate	English	60	60
UG	BTech,Computer Science And Engineering,Computer Science and Engineering Internet of Things	48	Intermediate	English	120	120
UG	BTech,Computer Science And Engineering,Computer Science and Engineering	48	Intermediate	English	300	300
UG	BTech,Computer Science And Engineering,Computer Science and Engineering Artificial Intelligence	48	Intermediate	English	180	180
UG	BTech,Computer Science And Engineering,Computer Science and Engineering Data Science	48	Intermediate	English	120	120
UG	BTech,Computer Science And Engineering,Artificial	48	Intermediate	English	60	60

	l Intelligence and Machine Learning					
PG	MCA,Computer Applications,Master of Computer Application	24	Graduation	English	120	120
PG	Mtech,Computer Science And Engineering,Computer Science and Engineering	24	Graduation	English	18	9
PG	MBA,Business Administration,Master of Business Administration	24	Graduation	English	300	300

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	35				70				260			
Recruited	16	0	0	16	16	8	0	24	177	81	0	258
Yet to Recruit	19				46				2			

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				56
Recruited	39	17	0	56
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				44
Recruited	44	0	0	44
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/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	16	0	0	16	8	0	24	11	0	75
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	153	70	0	223
UG	0	0	0	0	0	0	0	0	0	0

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

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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male		Female	
	Others		Total	
	9		1	
	0		10	

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	1005	23	0	0	1028
	Female	344	8	0	0	352
	Others	0	0	0	0	0
PG	Male	231	4	0	0	235
	Female	191	3	0	0	194
	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	51	33	26	30
	Female	26	19	6	8
	Others	0	0	0	0
ST	Male	1	2	2	0
	Female	1	2	0	0
	Others	0	0	0	0
OBC	Male	439	227	145	200
	Female	180	107	72	58
	Others	0	0	0	0
General	Male	772	610	397	395
	Female	339	357	199	173
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1809	1357	847	864

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	PSIT Kanpur is affiliated to Dr. APJ AKTU Lucknow and thus follows the curriculum prescribed by the affiliating university. However, the institute aligns its vision with NEP-2020 for the holistic development of the learners in various ways. The institute offers engineering, computer application and business administration programs that promote interdisciplinary interaction among students and faculty. The institute continuously encourages students to focus on multidisciplinary choice-based subjects. The subjects such as Communication Skills, Universal Human Values and Professional Ethics, Cyber Security, Constitution of Indian Law and Engineering, Indian Tradition Culture and Society
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	etc. are being offered to engineering and computer applications' students. Students of management are studying the subjects like Universal Human Values and Professional Ethics, Management information System, IT skills, Artificial Intelligence and Machine Learning etc. Students of engineering and business administrations are also working on collaborative projects/ Business plans. Every year the institute conducts "Student Induction Program (SIP)" for the newly admitted students in which co-relational aspects like Human Values and Professional Ethics are addressed. The "soft skills" training is imparted through courses on Professional Communication and extracurricular activities. Other courses in cutting-edge technologies such as Artificial Intelligence, 3-D printing, Big Data Analysis, Internet of Things, Machine Learning, Image Classification, Nanotechnology are also offered as per the students' interest. The institute organizes regular activities such as Blood Donation camps and Human Values workshops for sensitizing the students towards social responsibilities. The institute provides multidisciplinary exposure to the students and promotes self-learning through various MOOC platforms viz NPTEL, Coursera etc. PSIT Kanpur encourages its students to become actively involved in co-curricular/ extra-curricular activities. The involvement of students in these activities ensures their holistic development. To promote multidisciplinary research and innovation culture, the institute has established Research & Innovation (R&I) Cell, Innovation and Entrepreneurship (I&E) Cell and iTBI (Information Technology Business Incubator). The students are awarded Honors Degree (on successful completion of multidisciplinary MOOCs based 20 credits) only if he/she secures 7.50 or above CGPA and passed each subject of that Degree program in single attempt without any grace marks.
2. Academic bank of credits (ABC):	Academic Bank of Credits as proposed in NEP 2020, the institute has made the required provisions as directed by affiliating University. The institute has designated a single point of contact (Nodal Officer) for handling an account on NAD (National Academic Depository/ Digi locker). Institute has made the required provisions to make students aware about the Academic bank of credits. All the students of PSIT

	are having their functional ABC account.
3. Skill development:	PSIT Kanpur lays a strong emphasis on various skill development courses to equip the students with knowledge and skills beyond the course curriculum to meet industry-specific requirements. Students are trained in cutting-edge technologies in emerging areas of their respective domains. PSIT Career Enhancement Program “emPower” focuses on technical, corporate and interpersonal Skills. Technical training includes emerging technology areas viz. Competitive Coding, Artificial Intelligence and machine Learning, Data Science, Big Data and blockchain, Full Stack Development etc. Corporate Training aims to enhance the performance and employability of students by reinforcing existing competencies and developing new skills. The Corporate Training Program includes Verbal Ability, Quantitative Aptitude, Logical Reasoning, and Game-Based Aptitude. Soft Skills Training enhances interpersonal skills and also enhances the spirit of teamwork among the students.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The institute has a separate branch of “Computer Science and Engineering” in the regional language (Hindi). Besides, four courses viz. ‘Indian Tradition Culture & Society’, ‘Constitution of Indian Law & Engineering’, ‘Rural Development: Administration & Planning’ and ‘Universal Human Values & Professional Ethics’ have been introduced in accordance with the Nation Education Policy-2020. Sensitization sessions on the rich cultural heritage of our country are regularly conducted for the students. In addition, ‘Yoga’ is actively practiced and encouraged.
5. Focus on Outcome based education (OBE):	The Institute has already adopted an outcome based education (OBE) system as envisaged in NEP for evaluating performance, knowledge and skills of students through the attainment of POs, PSOs and COs. The faculty members provide a transparent pathway for student success by writing clear and comprehensive COs as suggested by Bloom’s Taxonomy. The COs are then mapped on a scale of 0 to 3, where 0 is used for no correlation and 3 is used for strong correlation. The institute has an expansive network of alumni wherein regular feedback & suggestions are taken for continuous improvement of academic ecosystem. As a result of our continuous

	efforts towards adoption and incorporation of OBE system, all eligible UG programs are NBA accredited.
6. Distance education/online education:	The concept of online education through a dedicated LMS has been the core of our content delivery, assessment outcomes are transparently disseminated to all stakeholders of PSIT. Subject related reference material in the form of e-content is prepared and made available on LMS for the students. In our endeavor to achieve functionality without reliance on paper and paper work, multiple functional student and faculty groups have been created using popular social platforms for a 24X7 connectivity. Teaching learning activities are executed using Zoom (licensed version), Google Meet, Google Classroom. Online skill development sessions are conducted to meet industry requirements. Students are encouraged to qualify the MOOCs from Swayam, Coursera etc. Online expert sessions from leading industry professionals, prospective alumni are organized to make student industry ready. Regular virtual MOCK GDs and MOCK interviews of students are conducted to make students employable.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, the Electoral Literacy Club (ELC) is in place at the institute level.
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?	ELC is fully functional. A senior faculty member is the faculty coordinator for this club and branch-wise student coordinators are also appointed to educate students about voter registration and voting procedures while providing them with a platform of interesting activities and real-world experiences.
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,	ELC organizes constitutional events such as constitutional day, youth day, voter awareness programs, legal awareness programs, and voter registration drives to promote the values, rights, obligations, and responsibilities of citizens to sensitize students and staff. The institute hosts voter awareness events through its ELC by the voluntary student groups inside the campus, in close vicinity villages and amongst underprivileged sections of the

commercial sex workers, disabled persons, senior citizens, etc.	society.
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.	The ELC launches socially conscious initiatives centered around electoral issues; these include publications, content production, and awareness campaigns that highlight their work in advancing democratic principles and stimulating voter engagement." Students of PSIT have developed a block-chain based biometric voting machine and electronic voting machine as part of final year projects. Furthermore, every student is taught the subject, "Constitution of Indian Law & Engineering".
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The institute has an insignificant number of students 18 or below however irrespective of this fact voting awareness programs are conducted by government functionaries to create awareness regarding voting and voter's rights and to encourage all to participate actively in the electoral process. To promote an atmosphere of engagement in electoral process, to improve educated and moral voting behaviors and honor the tenets of "Every vote counts" and "No Voter is Left Behind.

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
4560	3758	3163	3090	3141
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: 395

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
298	251	199	198	178

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
3606.86	2691.74	2181.68	3527.59	2687.20

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

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

Response:

PSIT, Kanpur follows a curriculum which is designed keeping the local, national, international context, feedback from all stakeholders and industry perspective in mind. Effective curriculum delivery is ensured by well-defined processes as follows:

1. Effective delivery of a well-planned curriculum is carried out through suggestions of various committees viz. Internal Quality Assurance Committee (IQAC), Department Advisory Board (DAB) and Department Assessment Committee (DAC) etc.
2. At the commencement of every semester, an academic calendar is disseminated.
3. After subject allocation to faculty, each department prepares a final timetable and publishes it on the PSIT ERP.
4. Members of DAB besides senior faculty members of PSIT include parents, alumni, prominent academicians, and Professionals from Industry. They provide suggestions & guidance to bridge the program curriculum gap by redefining existing PEO's and aligning of PEO's to the mission statements.
5. For well-planned curriculum delivery, lecture plans which have been prepared by members of the peer faculty under leadership of subject Incharges are forwarded to and duly recommended by the HODs for final approval by the Director before they are uploaded on PSIT ERP.
6. DAC ensures that the contents are delivered to students as per the lecture plan & continuous progress is monitored by it and suitable remedial actions are taken if required.
7. DAC ensures effective course delivery through validation of subject course files which include the Vision/Mission of the Institute/Department, PEOs, POs, PSOs, COs, Academic Calendar, Syllabus, class time-table, lesson plan as per Bloom's Taxonomy, Mapping of COs and POs, GAP-Analysis, Action taken to fill the GAP, Assignments, content beyond the syllabus, Quizzes, Question Banks, marks of assignments, CT and PU result analysis of previous semester, attainments(COs, POs & PSOs) and List of Text & Reference Books and other resources.
8. To achieve holistic development, students are given exposure through various activities organized by students' technical clubs and expert talks by eminent speakers, which provide career guidance and acquaint them with emerging industry trends & cutting-edge technologies.
9. Departments identify slow and fast learners and organize remedial classes/ domain specific value addition classes respectively for them.
10. Parents are informed if the students have disciplinary issues and low attendance etc. and are also counselled by their mentor accordingly.
11. All classrooms are ICT enabled.
12. Continuous assessments are carried out through internal tests like Assignments, Class Tests, and Pre-University Exams for continuous monitoring of students' performance.

13. Transparency in the system is ensured by hosting all relevant information on ERP.

Process for conduct of Continuous Internal Assessment

Continuous Internal Assessment is carried-out by the Examination Cell headed by the Controller of Examinations. All information related to conduct of examinations is disseminated on the institute's ERP portal. Three internal examinations (two Class Tests, Pre-university examination and three assignments) are conducted in a semester to continuously evaluate and monitor the performance of the students. Students' performance is monitored by continuous analysis of the obtained marks by the subject faculty. End-semester examination is conducted by the University.

In addition to the above regular OLTs (Online Tests) and Hackathons on various online platforms are also conducted.

File Description	Document
Upload Additional information	View Document

1.2 Academic Flexibility

1.2.1

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

Response: 13

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
Provide Links for any other relevant document to support the claim (if any)	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: 81.71

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
2880	2198	3163	3090	3141

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:

The Institute conducts various courses in these areas to students in the UG and PG programs and continuously encourages them to imbibe the learnings in their day to day conduct on the campus.

Courses like Communication Skills, Universal Human Values and Professional Ethics, The Constitution of India Law and Engineering, Indian Tradition Culture and Society form a part of the curriculum. Additionally, various workshops are organized by the institution on Universal Human Values for students, staff and teachers. Upon joining the institute, the first year students participate in “Student Induction Program (SIP)” in which cross-cutting issues like Human Values and Professional Ethics are addressed to assist in creating the context to life on campus.

The Institute’s ecosystem continuously reinforces these values through it’s various rules and conducts and any deviations that are reported or observed are accordingly dealt with.

To reinforce the process and carry out course corrections, the institute is constantly connected with the value education cell of the University and provides all necessary information from time to time to all students, faculty members, and staff through various workshops and programs for the advancement of

individuals and society.

Courses to address Gender:

PSIT firmly believes in gender equality and considers it indispensable to sustainable social development. The Institute has a substantial number of female students, faculty and staff and the numbers have constantly improved over the years. The institute has an Internal Complaints Committee which consists of a senior woman faculty as in-charge (Convener), female faculty, female staff, girl students' representative and male faculty members to deal with disciplinary issues.

Complete confidentiality is ensured on the complaints received in the cell and also spreads awareness about the rights among students, faculty and staff. A suggestion box is placed outside the office of the Convener so that if someone wants to report an incident, they could conveniently do so. Such reported incidences are taken seriously with timely appropriate action after due-diligence.

Additionally, an effective Online Grievance Redressal System is also in place.

Courses to address Environment and Sustainability:

The issues of Environment and Sustainability are addressed through the course "Environment & Ecology" offered to students. Through this course, students are sensitized to ecological and environmental issues related to land, air, water and creates awareness on sustainable development.

Additionally, our campus is a living example of bio-diversity and ecological balance where several initiatives like green and clean campus, waste water recycling, water harvesting, clean energy and energy conservation are clearly palpable and reinforce the class room learnings.

Course titled "Non-conventional Energy Resources" imparts knowledge about global warming, greenhouse gases, renewable energy, carbon footprints and emerging global challenges.

Various awareness programs and events are also organized on cross-cutting issues with the support of external organizations and experts. The NCC events, Unnat Bharat Abhiyan, blood donation and health awareness camps etc., play a vital role in promoting inclusive environment towards regional and socio-economic diversities among students making a positive impact and transforming them into dynamic, responsible, and productive professionals.

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: 64.56

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

Response: 2944

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: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

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: 84.27

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
1809	1357	846	864	873

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1878	1836	1116	996	996

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: 51.18

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
565	390	249	265	271

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
935	915	558	496	496

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

2.2 Student Teacher Ratio

2.2.1

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

Response: 15.3

2.3 Teaching- Learning Process

2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The institute lays great emphasis that content delivery has to be strongly reinforced with experiential learning to develop application of acquired professional skills.

Each department has functional and well-equipped computer labs and Seminar halls comprising of desktop computers, printers and LCD projectors.

Faculty members employ interactive offline sessions/online sessions through technological platforms like Google Meet, Zoom, and WebEx for delivering regular lectures in an effective and efficient manner. Further, the institute has its own ERP for sharing reference material, PPTs, videos, web links and virtual quizzes along with Google Classroom. Digital Library provides online access to a vast range of information, including 14000+ e-journal on J-Gate and 2000+ on DELNET. Turnitin plagiarism software for authenticating the originality of research publications.

1. Experiential Learning using ICT tools: Experiential learning involves learning through experience, enabling students to apply what they have learnt in the classroom to real-world situations. Each department conducts add-on activities to support students in their experiential learning by using ICT tools to enhance creativity and cognitive levels of the students which further help them to develop problem-solving skills and prepare them for real-world challenges:

Laboratory Sessions are conducted with content beyond syllabus experiments using emerging software, animated diagrams and videos.

Add-on certifications on the latest technologies with NPTEL, ICT-IITK, Microsoft, Google, NSE, and Coursera, etc. by providing adequate infrastructure to the students. 2500+ computers are deployed for academic pursuits leading to a student computer ratio of 1.8:1.

A Tech-Expo is organized annually to enable students to demonstrate their skills in Project development using emerging technologies, software and hardware through working models.

Participation in simulated events such as online/offline hackathons and OLTs where they acquire experience and develop the skills of competitive programming and real world problem solving approach.

2. Participative Learning using ICT tools: Participative learning involves actively engaging students in the learning process, allowing them to collaborate with their peers and share their ideas and perspectives. Further, as an application of their specialized technical or managerial skills using latest ICT tools, students are encouraged to participate in several activities such as:

- **Annual Techno-Cultural Fest (IGNITIA)** – IGNITIA provides a platform for students to showcase their talent in various fields, including music, literature, and technical skills. It helps in building skills such as event management, networking, teamwork, and leadership using various ICT tools. The fest serves as a bridge between the industry and academia by providing opportunities for students to interact with professionals, attend workshops and participate in competitions.
- **Seminar Presentation** – Students develop interpersonal and technical skills while presenting papers in seminars.

3. Problem-solving methodologies using ICT tools: The institute organizes online expert lectures on various topics, motivates students to join add-on courses on problem solving techniques, MOOCs courses, and participates in various inter-institute and intra-institute technical festivals and other competitions.

In net sum ICT enable tools coupled with online resourced form the backbone for effective teaching and learning process. This is further reinforced through experiential learning, participative learning and problem solving methodologies.

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: 89.21

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
365	258	213	210	214

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	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: 24.38

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
84	66	50	41	33

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

2.5 Evaluation Process and Reforms

2.5.1

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

Response:

The institute Examination Cell is responsible for overseeing the smooth conduct of internal and external examinations.

As a part of the continuous evaluation system, the institute ensures compliance with the University's processes and procedures. The conduct of three tests i.e., CT-1, CT-2 and PU (Pre-University Examination) adhere to the schedule mentioned in the academic calendar, issued before the commencement of every semester by the office of the Director. The question papers incorporate Bloom's Taxonomy to test the students' skills, including short answer and long answer questions with internal choice options. It also motivates students to prepare for the entire syllabus and discourages selective study. The percentage of attendance is taken as eligibility criteria to appear in these internal assessment tests regarding which the students are informed at the beginning of every semester.

Each subject faculty member prepares a question paper for his/her subject and is reviewed by the moderation committee which hands it over to the Head of the Department for further review and action. Question papers are selected after final vetting process in the presence of subject experts.

The answer sheets are evaluated within the stipulated time following the standard solution and rubrics of question paper duly checked and verified by senior faculty. Further, fully evaluated answer sheets are

shown to the students before releasing the result.

Marks obtained by students are uploaded on ERP, which can be viewed by the students and parents. The results are analyzed and reviewed by the Heads of Departments to plan and execute corrective actions. The internal assessment includes marks scored in all tests, teacher assessments and attendance percentage of the student. Teacher assessment marks are determined based on students' performance on assignments and other evaluative parameters. In-case of any discrepancies in marks reported by student, the same can be edited on ERP by the subject teacher after the recommendation by HoD and approval by the Director.

Further, academic audits are conducted twice every semester by the institute. These audits are conducted to verify academic documentation and compliance with institute's standards.

During COVID-19, assessments and evaluations of internal examinations have been conducted online using the institute ERP, Google Classroom and Zoom platform.

An On-line grievance redressal (multi-layered) system to redress student's grievances is in place. Students can place their grievance through <https://erp.psit.ac.in/Erp/Dashboard#>. The grievance, if not attended to by concerned within stipulated timeline, is escalated to the next level for redressal / requisite action.

In reported instances of use of unfair means, The Unfair Means committee gives a fair chance to the concerned students to represent their case for any justifications that may exist.

The entire examination process is conducted under surveillance of CCTV cameras installed in every classroom.

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:

Programme Outcomes (POs) and Course Outcomes (COs) for all the Programmes are well stated and available on the website. The subject in-charge and concerned faculty members conduct meetings to propose CO statements for their respective subjects. Further, these COs are assessed and approved with

suggestions (if any) by DAC. The approved COs aligned with POs for all subjects are displayed on the website.

Programs Outcomes (Sample CSE)		
S. No.	Graduate Attributes	Description
PO1	Engineering Knowledge	Apply the knowledge of mathematics, science, and Computer Science & Engineering fundamentals to the solution of complex engineering problems.
PO2	Problem Analysis	Identify, formulate, review research literature, and analyse complex Computer Science & Engineering problems reaching substantiated conclusions using principles of mathematics, natural sciences, and engineering
PO3	Design/Development of Solutions	Design solutions for Computer Science & Engineering and allied fields related complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations
PO4	Investigation	Use research-based knowledge of Computer Science & Engineering and research methods including design of experiments, analysis, and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	Modern Tool Usage	Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex Computer Science & Engineering activities with an understanding of the limitations.
PO6	The Engineering & Society	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent

		responsibilities relevant to the professional engineering practice in the field of Computer Science & Engineering.
PO7	Environment & Sustainability	Understand the impact of the professional Computer Science & Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the Computer Science & Engineering practice.
PO9	Individual & Teamwork	Function effectively as an individual, and as a member or leader in diverse teams, and multidisciplinary settings.
PO10	Communication	Communicate effectively on complex Computer Science & Engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	Project Management & Finance	Demonstrate knowledge and understanding of the Computer Science & Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	Life-Long Learning	Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

The Process of assessment can be broadly classified into 2 categories viz. Direct and Indirect methods of assessment. The basis of direct methods are internal and external examinations. Whereas the indirect method is based on Student feedback on COs. The weightage of direct and indirect methods is 80% and 20% respectively. Further, the direct methods are bifurcated into Internal and external examination having weightage of 40% and 60% respectively.

The detailed process of CO, PO and PSO attainment has been illustrated in annexure 2.6.2. for the subject Operating system as a sample case. The summary of the same is presented as follows:

Step-1: Formation of Course Outcome (CO) statement by subject expert based on Bloom's Taxonomy.

Step-2: Mapping of COs with Program Outcomes (POs) & Program Specific Outcomes(PSOs): 3 indicates High, 2 Indicates Moderate and 1 indicates Slight correlation.

Step-3: Program Level CO-PO Articulation Matrix formed by putting Average CO mapping values of all subjects of the Program.

Step-4: Program Level CO-PSO Articulation Matrix formed by putting *Average CO mapping values of all subjects of the Program*.

Step-5: Mapping of CO with questions of Internal and External examinations. Also, the marks secured by the students followed by Attainment of COs through direct methods.

Step-6: Calculation of all COs through all assessment tools(on similar lines as illustrated in step 4).

Step-7: Calculation of CO Attainment through indirect methods (Assessment tools: CO feedback survey).

Step-8: All COs attained values through various assessment tools.

Step-9: Overall CO attainment Calculation through Direct and Indirect Methods.

Step-10: POs attainment through Direct and Indirect Methods.

Step-11: Final Calculation of POs attainment.

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

2.6.3

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

Response: 96.2

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
1099	962	750	778	969

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
1187	992	779	800	980

File Description	Document
Institutional data in the prescribed format	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.91

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: 35.06

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
10.44	0.35	0	8.64	15.63

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:

The purpose of promoting knowledge creation and transfer in an institute is to improve overall performance by integrating research and innovation. As a leading institute, PSIT conducts various workshops, fosters collaborative projects, and has mentoring programs to transfer knowledge from experienced to new ones. PSIT has integrated the following methodologies for the creation and transfer of knowledge in the institute:

- 1. Innovation and Entrepreneurship (I&E) Cell:** Innovation and Entrepreneurship (I&E) Cell of PSIT is committed to nurture entrepreneurial skills. Further, PSIT Startups and incubation foundation provides a wide range of facilities and resources to startups and entrepreneurs to support them to build upon innovative ideas into successful ventures. PSIT-IIC was established in 2021. Currently, It has a complement of 12 incubatees and One start-up has already matured. The Centre is headed by Dean Start-up and incubation. PSIT-IIC achieved 3.5/5 star ranking by

Ministry of Education, GOI.

2. **Organizing conferences, workshops, FDPs, SDPs, EDPs, MDPs and training sessions:** 4 International conferences, 22 FDPs including ATAL FDP in collaboration with AICTE and ATAL academy, & SDPS and regular training sessions on 150 value added courses are organized to create and transfer knowledge among students, Faculty members and other stakeholders.
3. **Encouraging collaborative projects** The Institute has a Research and Innovation cell to motivate the faculty members to submit research proposals to various funding agencies like DRDO, DST, AICTE, DBT, SERB, UPCST, etc. Institute has got a project of Rs. 5.85 Crore from DST UP, a project of Rs.1.15 crore from MSME and a project of Rs.12.5 lakhs from CST.
4. **Use of technology:** PSIT understands the role of technology for knowledge creation and transfer. Hence, our institute uses licensed Zoom online platforms, LMS(Learning Management System), discussion forums, and peer-to-peer networks to enable knowledge sharing.
5. **IPR Cell:** The Dean Research is responsible for creating awareness about and all other activities related to IPR cell including applications for patents. The institute has a count of 60 patents published and applied for put together in the last 5 years.
6. **Indian Knowledge System:** We have the distinction of using technology to create an innovative App. which can assist a common person to access The Bhagwad Geeta, a traditional Indian text used as a guide to ideal living. This app is available on the Google play store by the name "Sarathi". The institute has a separate branch of "CSE in Hindi. Courses viz. 'Indian Tradition Culture & Society', 'Constitution of Indian Law & Engineering', and 'Universal Human Values & Professional Ethics' have been introduced under NEP-2020.
7. **Human Resources:** The institute recruits dynamic and highly qualified faculty members to mentor and channelize young minds. Institute encourages its faculty members to pursue their Ph.D. by granting paid study leave. Faculty members are also encouraged to participate in various skill enhancement programs under the government schemes and have attended FDPs conducted by Ministry of Education & Technology, GOI.

These activities/ initiatives have helped the institution create a strong and conducive ecosystem for the creation and transfer of knowledge between the innovator and beneficiaries.

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

3.2.2

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

Response: 31

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
11	8	1	7	4

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: 0.3

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
37	21	18	17	24

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
Provide Links for any other relevant document to support the claim (if any)	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:** 0.27**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
36	23	21	15	10

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

3.4 Extension Activities**3.4.1****Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.****Response:**

The institute has organized more than 100 activities/events during last five years to reach out to the marginalized sections of the society. Such initiatives help students to be sensitive and empathetic towards underprivileged sections of the society and transform them to contribute responsibly for their welfare.

With this noble purpose, students of PSIT have formed a club "PRAYAS" and NGO "UTTHAN" to uplift lives of the unprivileged. The team regularly organizes and participates in a variety of social awareness campaigns with the aim of bringing out constructive social changes.

The institute provides an opportunity to collaborate with remote communities in identifying developmental challenges and finding solutions for increasing sustainable growth. Faculty members and students identify development issues, both human and material. As part of the program, PSIT has adopted a cluster of five villages Surar, Panka, Jaamu, Bhairampur, and Sujampur in the Kalyanpur block

of Kanpur Nagar. Under this initiative, faculty members and students frequently visit the adopted villages to identify the fundamental issues and redress them by the following means:

- (i) Select from a variety of innovative technologies
- (ii) Adapt those technologies to specific needs
- (iii) Develop execution plans that meet the needs of the community

To add on further, the institute organizes various events to commemorate our national heroes who have devoted their lives for the country. The celebration of Shaheedi Diwas, Vivekanand Day, Netaji Bose Diwas, Constitution Day, and Gandhi Jayanti are just a few events that instill a sense of pride and nationalism among students.

On International Women's Day, the Institute offers a forum for women from all walks of life and professions to share their stories and experiences in order to highlight the struggles and joys that women face in society.

The learners have gained exposure through various efforts put in by the institute in organizing activities related with Plantation, Yoga and NCC/NSS etc. that have inspired to create a meaningful effect on society.

A sense of civic duty and social responsibility has been fostered via involvement in community driven activities by PSIT NGO- 'Utthan' through various activities:

- Regular visit to an Old Age home.
- Distribution of Old clothes to Poor.
- Blood Donation Camps
- Contribution in COVID 19 via distribution of masks, sanitizers etc.
- Blanket distribution in nearby society.
- Plantation Drive
- Educating the underprivileged of nearby society.

The institute constantly organizes numerous interaction programs namely, "A session on Women Empowerment" by Red Brigade, "Women awareness Campaign" etc. over the past few years to promote gender equality. Programs like "Police ki Pathshala", are held in the campus with the objective of creating awareness among female students for self defense.

The "Eco Club" was formed in the institute to contribute to a cleaner and greener society that is ecologically conscious and responsible. The club seeks to promote environmental consciousness among the society via diverse activities, assuring a future ecologically conscious and compassionate community.

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

3.4.2

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

Response:

Education is the process of preparing a person to discover their innate abilities and to fully develop them in order to benefit themselves and the community at large. A Higher Educational Institution is also a social organization which has a significant role in the advancement of society and nation.

Extension activities are voluntary efforts of an Educational institution inspired by Ethical Excellence towards social development through various activities such as improving the educational standards of underprivileged groups, Adult Education activities, Environmental awareness, Ecological conservation, Health awareness, Healthcare and Sanitation, Village adoption for holistic development and so on.

The institute is working continuously for the upliftment of society. Consistent efforts are made to improve the lives of people of the adopted villages. PSIT has been duly recognized for its significant contributions to society by various organizations. Noteworthy amongst them are as follows:

1. Recognition for Adoption of 11 Anganwadis by GoUP.
2. PSIT has received the award at CSJMU, Kanpur under the presence of Hon'ble governor Smt. Anandi Ben Patel, Hon'ble Chief minister Yogi Adityanath and others.
3. The institute has also been appreciated by Hon'ble Member of Parliament Dr. Murli Manohar Joshi under Saansad Adarsh Gram Yojna (SAGY) for its untiring efforts in improving the standard of living and quality of life of all the section of people in the society
4. "A Child Without Education is Like a Bird Without Wings" Six students of PSIT NGO-UTTHAN were felicitated by Honorable Governor of U.P Smt. Anandiben Patel Ji, Padam Bhushan Prof. Nirmal Kumar Ganguly & Yog Guru Dr. Nagendra Ji.
5. PSIT NGO Utthan recognized for providing education to uplift the life of the underprivileged.

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

3.4.3

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

Response: 51

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
9	11	5	11	15

File Description	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
Provide Links for any other relevant document to support the claim (if any)	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: 37

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:

PSIT Kanpur, a front-runner in the field of education has numerous achievements to its credit. The campus is an architectural marvel, designed amongst the best environment-friendly campuses in North India spread over 323749 sq. meters.

The Institute is divyangjan friendly. Its distinctive architecture includes ramps, connecting blocks and covered galleries on all floors to provide easy access. Wheelchairs and separate rest room for divyangjans are available, which is centrally accessible through elevators.

Teaching Learning Facilities: Right from its inception, the Institute has centralized air-conditioned lecture rooms equipped with LCD projectors and internet connectivity to maximize the learning experience of the students. Institute has advanced laboratories, GD rooms, workshops with futuristic equipment and high-end software for experiential learning and project development.

Central Library: A well-equipped, air-conditioned central library spread across 1164 sqm with 70137 books/5618 titles, 17 printed journals, 15 magazines, 9 newspapers, 30050 e-Books, 23984 e-Journals on J-Gate and 1151 on DELNET. Turnitin plagiarism software is available to authenticate the originality of research publications. In addition to the above, five departmental libraries also in place.

Auditorium: It is an architectural highlight for PSIT, which is centrally air-conditioned, vibrantly illuminated, equipped with exemplary acoustics, having a seating capacity of 1350 with in-built audio-visual aids.

Theatres: One open air (Rang Manch) and one semi-covered (Center Stage) theatre platforms have been created on the campus for favourable weather, open air performances.

Sports facility: The institute has open air gyms, yoga hall, Indoor-Outdoor Playgrounds (Football, Volleyball, Badminton, Basketball & Table Tennis), infrastructure for cultural activities and recreational spaces to enrich students' holistic development.

Medical Facility: The infirmary, has 6 beds in male ward and 3 beds in female ward. It is manned by two MBBS doctors, 2 compounders and 2 female nurses who take care of minor health issues. Also, there are two dedicated ambulance facilities available around-the-clock for emergency evacuations.

Additional Facilities:

- Solar power plant of 1350 kW for green energy.
- Air Conditioning Plant of 2850 TR capacity.
- Centralized RO Water Plant of 25000 liters / hour capacity.
- Functional Fire extinguishers and water pipes.
- Electric Substations and Generators for uninterrupted Power Supply.
- Waste water and sewage treatment plants.
- Rain water harvesting and storage for later use.
- Multiple eateries like Nescafe and BRIO.
- More than 100 furnished accommodations for its faculty & staff.
- Separate hostels (AC/Non-AC) facilities with accommodation capacity for 744 girls and 1550 boys. Each hostel has an elevator, biometric machine, badminton courts & snack dispensing machine.
- Mess facility for 2000 students per shift equipped with modern cooking equipment managed by experienced staff.
- Modern Laundry facility with Electrolux Machines.
- 2507 computers for 4560 students along with ample number of software to support academic & research activities.
- 96 ICT enabled and centrally airconditioned classrooms, 2 seminars halls and over 60 labs to support academic research activities.
- Wi-Fi enabled campus with Internet leased line of 1.5 Gbps.
- Bank & ATM facility
- Innovation & Incubation Center.
- 4 Battery cars and 38 air-conditioned CNG buses.

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

4.1.2

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

Response: 27.6

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
881.72	704.13	547.03	1261.91	660.55

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

4.2 Library as a Learning Resource

4.2.1

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

Response:

The Central Library is housed in PSIT Tower under gratifying and spacious surroundings. A well-equipped, air-conditioned central library spread across 1164 sqm with 70137 books/5618 titles, 17 printed journals, 15 magazines, 9 newspapers, 30050 e-Books, 23984 e-Journals on J-Gate and 1151 on DELNET exist as a strong back-up for academic pursuits and learning.

The Central Library has a reprography service as well as continuous internet access. More than 300 students can be accommodated in the main reading area. On all working days, the library is open from 8 a.m. to 10 p.m., with extended hours during examinations. The central library provides ample space for both solitary and group study, enabling students to focus and study quietly. There is plenty of room for browsing and peaceful reading. Both students and faculty have the option of issuing books and journals at their convenience. The average daily footfalls are in the region of 200-250.

Library has a sufficient number of sign boards, exhibits, and guides for the convenience of their users. All students, faculty, and staff have free access to the library's collection. Fire and smoke detection and suppression systems are available which offer round the clock protection against fire hazards, this system is sensor based and automatic.

The library's principal operations are computerized and supported by "PSIT ERP". Integrated Library Management System - is used to automate the library. The PSIT ERP is used for all in-house functions like acquisition, circulation, OPAC, and so on. Barcode readers and software aid strengthen the library management. The Central Library is digitally equipped and provides the following facilities that help the faculty and students in their academics:

- Subscription of J-gate journals (with access to - journals)
- DELNET (Developing Library Network)

The library also subscribes to turnitin plagiarism software, which allows faculty and students to conduct research more efficiently.

OPAC

To search all of the bibliographic entries accessible in the Library, Open Public Access Catalogue (OPAC) is used to automate the process of search for the books/periodicals available in library.

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

4.3 IT Infrastructure

4.3.1

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

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

Response:

The Institute has always prioritized the modernization of its IT facilities and kept them abreast with changing needs of time. Periodic upgrades are made at the institutional and departmental level. A description of the IT facilities are as follows:

- **Internet Connection:** The institute regularly upgrades the internet bandwidth as per the requirement. The institute currently has a primary internet leased line of 1.5 Gbps and back-up leased line of 500 Mbps. This ensures high speed internet facility at each node. It helps them to get better access of the online learning content.
- **No. of Systems and their Configuration:** PSIT Kanpur has a total of 2507 computers for students with the following configuration: Processor i7/i5/i3, 4-8GB RAM, 1TB/500 GB Hard Disk /256 GB. This enables them with high computational capabilities.
- **Licensed software:** PSIT Kanpur has various software needed for academic purposes including Microsoft Imagine, Azure Dev Tools for Teaching Online Subscription, Office 365 A1(10000 users) with Domain: psit.ac.in, Multisim, MATLAB 7.1V, SIMULINK, MATLAB Toolboxes (Communication, Signal Processing, Image Processing, CST microwave studio, Code composer Studio, Orcad, and Protius to name a few. These are largely simulation and experiential software

designed to provide a total learning experience to the users.

- **Firewall/Security:** PSIT implements firewall Security services using Sophos. This keeps the entire network insulated against malicious access.
- **Servers:** The institute has following servers to execute various applications: Hosting Server, DNS Server, Backup Coding Server, OLT Servers, ERP Application Server, PDC Server, BDC Server and Central Database Server. With the help of these servers the complete network of PSIT becomes self-sufficient.
- **Printers:** The institute purchases printers as per the requirements given by the departments. The institute has more than 70 laser printers, installed at various laboratories, faculty cabins, library, exam cell and offices.
- **LCD Projectors:** All the classrooms and Labs of the institute are equipped with LCD projectors enhancing and upgrading the learning experience of the students.
- **Media Lab/Video Lecture making Facility:** The institute has a well-equipped studio to prepare and record lecture videos, documentaries to disseminate information for both academic and general purposes.
- **Online Lectures:** The institute has an active facility to conduct online lectures/expert session as and when required.
- **CCTV surveillance:** The institute has approximately 1000 CCTV cameras installed all over the campus i.e., pathways, classrooms, Labs, library, academic blocks, hostels etc. for monitoring purposes. These facilities are updated regularly. A dedicated skilled team of staff members manage and monitor all CCTV regularly.

File Description	Document
Upload Additional information	View Document

4.3.2

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

Response: 4.51

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

Response: 1011

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

4.4 Maintenance of Campus Infrastructure

4.4.1

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

Response: 8.36

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
555.17	269.80	162.87	134.58	106.01

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: 73.81

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
3647	1950	2661	2031	2784

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
Provide Links for any other relevant document to support the claim (if any)	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: A. All 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: 100

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
4560	3758	3163	3090	3141

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: 81.04

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
892	827	574	652	749

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
1099	962	750	778	969

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

5.2.2

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

Response: 10.19

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
14	10	3	15	46

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
Provide Links for any other relevant document to support the claim (if any)	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: 60

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
5	0	0	31	24

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: 9.4

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
14	12	15	2	4

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:

Right from the day a student joins the rolls at PSIT, s/he becomes the focus of attention not only for academic pursuits, but also other development activities aimed at his/her holistic development. It is such an intense interactive process that it creates an everlasting bond between the student and the institution which lasts a lifetime.

Our firm belief is that PSIT's alumni are its greatest ambassadors, embodying its mission, vision, and core values. PSIT's association with its students extends far beyond the timeframe of their tenure at PSIT. We are enormously proud of their achievements in the chosen fields of profession. To this end PSIT has a registered alumni association since 2009.

Our Alumni have contributed liberally towards the development of their alma mater through continuous affiliation. The Association organizes Alumni Meet every year for better engagement which helps to establish a long-term relationship. During the meet, alumni not only interact with their batchmates and share experiences but also engage with the current students and guide them regarding their queries and suggest appropriate internships and placement opportunities.

Also, the alumni are invited for expert sessions based on their domain knowledge and expertise and their feedback has a significant bearing on academics and operational outcomes of PSIT.

Further, the prospective alum mentors the students of various streams and specializations about latest trends in industry and certifications on cutting-edge technologies. Our Alumni contribute by sharing recent industrial trends/innovations with the students to help them fulfil industry expectations.

Virtual interactive sessions are conducted by the alumni, working in top notch MNCs like Google, Cisco, Amazon, Goldman Sachs, RedHat etc. to guide the students on the approach to successfully handle placement drives for favourable outcomes.

The regular affiliation of our alumni with their alma-mater has provided significant benefits in enriching the students' experience while being at the institute.

PSIT alumni portal has been created and is updated on a regular basis. Furthermore, the registered alumni association of the institute acts as a platform to share views, experiences and career opportunities. These student – alumni interactions are contributing effectively in nurturing a long-lasting relationship.

PSIT alumni is always keen to support their juniors, informal bonding among the alumni and current students plays as a vital role in terms of paving their career path. Alumni working in top-notch companies always share their experiences with current students to motivate them and provide right pathway to crack the placement opportunities. The learning outcomes of student-alumni interactions will help them to plan and prepare for a bright future keeping in mind their career aspirations and goals.

Around 4-5 alumni visit the campus every week and most of them address the students and share their corporate experiences, that shows their affection & love towards the institute. PSIT alumni always intended to pay-back their gratitude towards institute. Alumni also encourage their juniors to remain connected in strong network through various social media platforms viz. linkedin, facebook whatsapp etc.

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

Vision of the Institute

“To achieve excellence in professional education and create an ecosystem for the holistic development of all stakeholders”.

Mission of the Institute

“To provide an environment of effective learning and innovation transforming students into dynamic, responsible and productive professionals in their respective fields, who are capable of adapting to the changing needs of the industry and society”.

The Governance

The constitution of Board of Governors (BOG) for PSIT comprises the Chairman of the institute, Director of the institute (member secretary), nominee of the Dr. APJ AKTU Lucknow, ex-officio AICTE, Entrepreneur, Technologist, Industrialist, Educationist, faculty nominees and a parent of student nominee.

The BOG forms committees and subcommittees for decentralization of the work. These committees perform various functions, as may be necessary and deemed fit for the proper development and fulfillment of the vision and the mission of the institute. It evolves a proper set of rules and regulations including the service rules for all groups of staff, salary norms, promotion norms etc. It also delegates the financial powers at various levels of functionaries.

Institute Level Committees: The Institute committees are constituted of various stakeholders viz. faculty members, staff, students, parents/guardians of students etc.

The institute has following committees for the decentralization of the academic and administrative affairs:

1. Selection Committee
2. Admission Committee
3. Anti-Ragging Committee

4. Proctorial Board
5. Internal Complaints Committee
6. Grievance Redressal Committee
7. Examination Committee
8. Academic Audit Committee
9. Extra-Curricular & Cultural Committee
10. SC/ST/OBC Welfare Committee
11. Research and Development Committee
12. Purchase Committee
13. NBA co-ordination Committee
14. Library Committee
15. Campus level events Committee
16. Discipline Committee
17. Committee for student's services center

Participation of the stakeholders in Decision-Making:

The committees of the institute include various stakeholders viz. students, faculty & staff members, parents of the students, alumni and employers. Formal and informal feedback mechanisms exist in the academic ecosystem of the institute and contribute to the formulation of policies and their transparent implementation.

Decentralization of Roles & Responsibilities

The institution has formed various committees that share institute level administrative and managerial aspects. The institute committees ensure the participation of all the stakeholders and these committees report to their respective heads who in turn report to the Director. All academic and administrative tasks are delegated, and operational decisions are taken after deliberations among the Director, Deans, HODs, and other committee members.

NEP Implementation:

PSIT aligns its vision with NEP-2020 for the holistic development of the learners in various ways. The institute offers programs promoting interdisciplinary interaction among students and faculty.

The institute conducts 'Hackathon' & 'Online Test' on regular basis to assess the interest and capability of the students.

The institute continuously encourages students to focus on multidisciplinary choice-based subjects.

To promote multidisciplinary research and innovation culture, the institute has established Research & Innovation (R&I) Cell, Innovation and Entrepreneurship (I&E) Cell and iTBI (Information Technology Business Incubator).

As a result of our continuous efforts towards adoption and incorporation of OBE system, all eligible UG programs are NBA accredited.

File Description	Document
Upload 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:

The roles & responsibilities, frequency of meetings and processes/procedures of the institute committees are well defined in the institute's documents for effective & efficient functioning.

The institute rule book includes service rules, policies, procedures and the document is available in the Director's and Registrar's office. The service rules and policy documents were first published in 2008 and since then, the improvements/revisions have been carried out as per requirements from time to time. The same is communicated through office orders/circulars published on ERP as well. Service rule book is also available on archives of ERP for ready download as and when required.

PSIT Kanpur has the following institute level committees for smooth functioning of the system:

Selection Committee

The selection committee identifies various departmental vacancies (faculty/staff) and submits the same for approval. This is followed by a rigorous recruitment and selection process managed by the HR Department as per stipulated norms.

Admission Committee

Admission committee looks after the activities of admission of students in various UG/PG programs

through the counselling process based on eligibility criteria & qualifying exams as laid down in rules by AICTE and affiliating University.

Anti-Ragging Committee

The institute has a policy of zero tolerance towards ragging of any kind or nature. There is a well-established mechanism to prevent ragging. An Anti-Ragging Committee is in place as per the directives of Hon'ble Supreme Court of India & guidelines issued by UGC, AICTE etc. Notices regarding Anti-Ragging are displayed at prominent locations on the campus.

Internal Complaints Committee

To ensure adequate protection to female employees and students on the campus, an ICC is in place. The committee of faculty, staff and students ensures that no female employee or girl student confronts any kind of uneasy or uncomfortable situation.

Grievance Redressal Committee

With the Director as its Chairman, this Committee exists. It comprises a senior faculty member designated as in-charge and other faculty designated as members. It looks into grievances of faculty, staff and students reported online/offline. Regular meetings are conducted to deliberate upon corrective and preventive courses of action for prompt redressal.

Examination Committee

The committee is responsible for preparing internal examination schedule, ensuring proper seating arrangements, invigilation duty roster, issuing of the answer-sheets for evaluation, safe up-keeping of the evaluated copies for records and issuing guidelines/instructions to the students & invigilators about code of conduct. The committee is also responsible for conducting enquiries against students apprehended in unfair means (UFM) if any.

Academic Audit Committee

The academic audit committee ensures the quality of the teaching and learning process. It assesses the strengths and weaknesses of the academic system and identifies potential areas for improvement. It also suggests required follow-up actions for implementation of the same.

Extra-Curricular & Cultural Committee

The committee organizes various cultural and extracurricular activities to give a platform for the holistic personality development of students. The cultural committee organizes the following events on the campus: Orientation program, fresher function, techno-cultural fest, annual sports meet, felicitation of achievers, Independence Day and Republic Day.

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

6.2.2***Institution implements e-governance in its operations***

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	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:

Performance Appraisal System (PAS): A bi-annual robust performance appraisal system based on continuous evaluation of behavioural attributes, administrative responsibilities and academic contribution is in place. It is a robust mechanism comprising self-appraisal, appraisal by superiors and students' feedback.

Welfare measures and motivational policies:

PSIT, Kanpur strongly believes that Human Resources is the most important asset in the academic ecosystem. Keeping this in view, the institute has adopted numerous welfare measures and motivational policies for teaching and non-teaching staff. The same are listed below:

1. Provision of leaves: All teaching and non-teaching staff members are entitled to avail various types of leaves viz. Casual leave, Duty leave, Academic leave, Medical leave, Compensatory leave, Marriage leave, Maternity leave, Paternity leave etc. Also, in case of dire emergency situations which demand longer absence from the workplace, the Institute administration also sanctions special leaves on humanitarian grounds.
 2. Work from Home: In case of unavoidable circumstances, faculty/staff are also permitted to render their services remotely, i.e. Work from Home.
 3. Medical facility: Medical facilities, viz. Qualified Doctor, Nursing Staff, Well Equipped Ambulance, Male and Female Wards, Dispensary etc. are available for faculty and staff members, round the clock. The institute also has tie-ups with renowned hospitals for providing immediate medical treatment.
 4. Group medical insurance and life insurance for employees.
 5. Employee Welfare Fund: To provide financial assistance to the employees/dependents for unforeseen circumstances such as death of an employee, critical accident or terminal illness leading to partial/permanent disablement, critical disease, major surgery, Ex-gratia payment under special case etc. is made.
 6. EPF and ESI Schemes
 7. Faculty Referral cum reward Scheme: Faculty members are encouraged by monetary awards to recommend their references to HR for the vacant positions within the organization.
 8. Incentive Policy for Research and Innovation: The Institute envisions recognizing the endeavours of faculty members who are putting in sincere efforts to propel research activities. The faculty members are rewarded suitably for their novel contribution in publication of journals, books, patents and research projects.
 9. Incentive Policy for Startup and Incubation: In order to promote entrepreneurship activities and startups, PSIT startup and incubation foundation (Section 8 company) has been established for providing financial assistance, legal advice, expert mentorship etc.
 10. Employee Retention Policy: The institute rewards all employees who have been rendering their valuable services for a significant number of years.
 11. Motivational Policy for outstanding contribution: Outstanding contribution of employees leading to significant growth of the institute are duly rewarded.
-
1. Subsidized boarding, lodging and transportation facilities
 2. Career Advancement Scheme: In accordance with the norms notified by the regulatory bodies, teaching and non-teaching staff members are promoted as per the Standard Operating Procedure (SOP).
 3. Implementation of Training policy for teaching and non-teaching staff: Requisite training is provided viz. Domain specific technical training, behavioural training and training on interpersonal skills.
 4. FDPs, FEPs, SDPs: These are conducted on a regular basis in order to enhance the professional attributes of all employees.
 5. Outreach activities: Faculty members are encouraged to conduct/attend the conferences, seminars, workshops and expert sessions etc.

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

6.3.2

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

Response: 41.1

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
238	211	07	03	03

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
Provide Links for any other relevant document to support the claim (if any)	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: 44.85**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
132	115	58	166	126

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
42	39	41	45	40

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
Provide Links for any other relevant document to support the claim (if any)	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:

A set of below listed strategies for the mobilization and best use of financial resources are practiced by the institute:

Mobilization of Grants:

To create and sustain an ecosystem for the holistic development of all stakeholders, the institute mobilizes adequate funds from various sources. Since PSIT is a self-finance institute, the primary source of funds is the student's tuition fee. Other sources include:

- A serious bid is made to generate resources through bidding for various projects/grants from Dr. APJ AKTU, Lucknow, AICTE, UGC, DST, IEEE, ISTE, CSI, SERB, DRDO etc for both major and minor research endeavors.
- Funds are raised through sponsorships from Government and non-government agencies besides philanthropic contributions for conducting seminars, workshops, conferences and techno-cultural events.
- Funds received as Honorarium for conduct of Online/Offline examinations by various government and corporate bodies.
- Funds received against consultancy work undertaken by various teaching and non-teaching staff.
- Funds raised as hostel fee, transportation fee.

The Institute administration viz. Director, Deans and HODs coordinate all the initiatives to organize, implement, and manage numerous endeavors about mobilization of funds.

Optimum Utilization of Funds:

BOG guides optimal deployment of funds as appended below:

- Salaries to teaching and non-teaching staff.
- Expenditure towards infrastructure augmentation.
- Providing scholarships to meritorious students.
- Conducting career counselling and orientation, workshops, conferences, FDP, SDP and guest sessions etc.
- To meet day-to-day operational & administrative expenses and maintenance & upkeep of infrastructure.
- Towards various reward policies viz. incentives for research and innovation, startup and incubation, employee retention, outstanding contributions, referral policy, motivational reward policy etc.
- Towards various welfare schemes for teaching/ non-teaching staff viz. EPF, ESI, group Medi-claim policy, PSIT welfare fund etc.
- To enhance library resources and upgrade its facilities.
- For carrying out various social activities as a part of corporate social responsibility (CSR).
- Funds spent on meeting the expenditure incurred on major and minor research projects & incubations, filing of Patents, publication of conference proceedings, delegate fee for attending conferences, workshops, travel expenses, undergoing MOOCs courses, subscription of membership of professional bodies etc.

- Funds spent on conducting expert sessions by eminent resources from industry/academia to ensure that the students are in sync with latest trends of industry, preparation for higher studies and competitive examinations like GATE, CAT etc.
- Expenditures incurred for conducting outreach activities viz. industrial tours, participation in inter-institute events etc.
- Financial support for techno-cultural, sports, co-curricular and extracurricular activities.
- Expenses towards clean and green campus.
- Expenditures incurred on maintenance & upgradation of labs and Bring Your Own Device (BYOD) classrooms.
- Expenses towards medical facilities.

The Institute has an internal and external audit framework in place to ensure financial compliance. The auditors' observations, if any, are immediately implemented. A certified chartered accountant conducts the institute's internal audit. The external audit, which is performed once a year by the external auditor, consists of a review of the institute's financial records. Following the process, the legally signed ITR and audit report are sent to the government. Audited statements are made available on the website of the institute for ready reference.

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

6.5 Internal Quality Assurance System

6.5.1

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

Response:

PSIT Kanpur envisions that holistic development of faculty and students is the hallmark of a quality-conscious academic system. To ensure quality in the entire academic ecosystem, every department in the institute has a dedicated Department Assessment Committee (DAC)-comprising senior faculty members of the department and a Department Advisory Board (DAB)-comprising renowned academicians and industrialists besides other stakeholders viz. parents, alumni etc.

To synchronize the initiatives of DAC & DAB, IQAC was constituted in 2018 with the following objectives:

- Blending the complete quality model with the academic process viz. planning, implementing, monitoring and guiding to enhance the effectiveness of the same.
- Compliance to standards of quality assurance.
- Conscious efforts to enhance the quality standards as per requirements.

As a consequence of the above initiatives, all eligible UG programs of the institute are NBA accredited as on date.

The significant practices institutionalized by IQAC are appended below:

1. Development of intellectual capital viz. faculty and students

- Planning and organizing “Xpresso” Lecture Series- Lectures on cutting edge technologies by the senior faculty members to other faculty members on a regular basis.
- Exploring suitable areas for conducting of FDPs/FEPs, STTPs, SDPs, conferences, seminars, workshops etc. and monitoring the entire endeavor.
- Industrial visits for practical and hands-on skill enhancement.
- Identification of prospective MOOCs courses for faculty and students.

2. To identify the potential areas for improvement

- Continuous Assessment of faculty (Faculty Performance Appraisal).

- Analysis of stakeholders’ feedback on a regular basis and corrective actions are initiated if required.
- Analysis of academic results of various examinations.
- Conduct of subject meeting, twice in a semester for monitoring the subject delivery and ensuring the uniform coverage of content across all the sections for that subject.
- Continuous monitoring of students’ attendance and intimation to the parents incase their ward is not attending the classes on a regular basis.

1. The development of teaching-learning resources viz. e-content, laboratory manuals, lecture plans, video lectures etc. for value added learning.

- Recommendation of usage of ICT tools during conduct of classes/laboratories.
- Consideration of the recommendations received from various departments for the subscription of journals, reference books and other library resources.

1. To formulate code of ethics for research and to ensure novelty of research contributions made by the faculty members and students

- Supervision of activities of Research and Innovation cell.
- To design the motivational schemes for genuine contribution by faculty and students in research and innovation.

IQAC remains the pivot for all quality initiatives on the campus with a wide sphere of influence encompassing areas as diverse as systems, processes, policies and day to day challenges. It constantly endeavors for improvements in academic ecosystem based on internal benchmarks and aims to initiate actions guided by the Mission and Vision of the institution and its leadership team.

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: A. Any 4 or more 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:

Gender equity forms the basic foundation of our ethos and is a constant consideration in our decision-making processes. PSIT is a staunch believer of gender equity and endeavors to create an ambience wherein equal opportunities are provided to both men and women in all fields, and there is no discrimination based on gender for any reason whatsoever.

The following measures have been initiated by the Institution for promotion of gender equity:

1. **Separate ranks of girl students in Qualifying examination for admission:** In addition to general ranks, separate ranks for girl candidates are generated to give preference in admission.
2. **Merit based Faculty/Staff Recruitment and Selection:** The selection is purely based on merit and due care is exercised to not let any biases creep in. However, in case of two candidates on the same merit inclination to hire tilts in favour of female candidate.
3. **Exclusive Placement drives for female students:** Many diversified placement drives and internship opportunities are provided for female students only for instance IBM, Amazon Wow etc.
4. **Sensitization about safety and social security:** Institute ensures that the female faculty, staff and students are well aware of their rights and opportunities through various activities and interactions with experts. Numerous activities are organized to sensitize young minds to curb gender biases. Several sessions viz. workshops, seminars, experts' sessions, etc. have been organized pertaining to women safety, health-hygiene and social security.

5. On Campus facilities:

- Separate hostels for girls with all modern facilities.
- Girls' common rooms.
- Separate playground with open gym for girls.
- Bicycles for girl students
- Sanitary napkin vending machines.
- 24x7 ambulance, four female nursing staff and exclusive female wards.
- CCTV surveillance.
- In addition to the above, there is strict vigilance through the deployment of female security personnel in the premises.

1. **Online Portal for Grievance Redressal and Counselling:** A Web portal of the Institute (www.erp.psit.in) is in place for counselling and grievance redressal. A psychologist is available

in the campus for counselling and ensuring the mental well-being of students, faculty and staff members.

- 2. Internal Complaint Committee (ICC):** In accordance with the AICTE guidelines, an Internal Complaint Committee (ICC) has been constituted. The committee outlines and emphasizes women empowerment, gender sensitization, prevention and prohibition of sexual harassment of women employees/students and redressal of grievances on priority. A 24X7 helpline number is in place to render support during emergencies.

Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals

Institute organizes various national and international commemorative days, events and festivals throughout the year to provide an inclusive environment with harmony towards cultural, regional, linguistics, communal, socio economic and other diversities. Important days and events as mentioned below are celebrated with full zeal and enthusiasm every year (Only to mention a few):

- Awareness program on "Stop Acid attack"
- Women entrepreneurship development program
- Workshop on "Be an equality Champion"
- "SHE- the power" an expert talk
- "Mission Shakti" campaign on women safety and empowerment
- Women Day-08th March
- Teacher's Day-5th September

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

7.1.2

The Institution has facilities and initiatives for

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

Response: A. 4 or All of the above

File Description	Document
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
Provide Links for any other relevant document to support the claim (if any)	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
Provide Links for any other relevant document to support the claim (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:

The Institute works tirelessly to create an inclusive environment so that students from different backgrounds feel engaged, productive and energized perennially. The idea is to create a convergence from diversity with a sense of inclusivity and achievement and keep the students focused on their overall development.

Some noteworthy initiatives to this end are as follows:

1. Besides the core subjects, the curriculum aims to inculcate moral values among the students and to also sensitize them towards their socio-cultural & socio-economic responsibilities. Program wise examples are as follows:

B.Tech

- Universal Human Values and Professional Ethics
- Indian Tradition, Culture and Society
- Constitution of India, Law and Ethics

MBA

- Organization Behavior
 - Environmental sciences, and essential studies for professionals.
 - Skill development for Professionals Values & Ethics
 - Principles of Management
 - Essence of Indian knowledge tradition.
1. Students based on their areas of interest are encouraged to join various technical and non-technical clubs where they can exchange ideas in a team to nurture their talent for ensuring holistic development.
 2. Various Socio-Cultural initiatives like Tree-Plantations, Debate Competitions, Panel Discussions etc. are organized throughout the year by various student centric clubs.
 3. Various National festivals are celebrated with great zeal and enthusiasm like Mahatma Gandhi Jayanti, Independence Day, Republic Day, Vishwakarma Puja, Saraswati puja, Engineers Day, Women Day, World Environment Day.
 4. Equal opportunities are provided to students in various activities irrespective of their Caste, Creed, Religion and Region.
 5. Institute has Code of Conduct for students and Code of Ethics for faculty & staff, which are strictly followed and adhered to.
 6. Various Cultures are represented during the Techno-Cultural fests which depicts sense of respect towards all the cultures.
 7. Numerous Orientation and Counselling sessions are held in the Auditorium (Town Hall) wherein moral and ethical values are elaborated upon from time to time.

8. The Institute has its own registered NGO i.e. Utthan. Wherein a team of faculty and students actively works for various social causes like Free education for underprivileged children in the neighbourhood, nutrition drives, clothes distribution for the poor and needy, visit to old age homes by the students etc.
9. Under Unnat Bharat Abhiyan, significant tasks are being carried out for improving the living conditions of the villagers of adopted villages, increasing their awareness towards cleanliness and hygiene, spread awareness against social evils, creation of employment opportunities etc.
10. To promote Innovation and Entrepreneurship, Institute's Incubation cell provides necessary technical and financial support and initial hand-holding.
11. During floods in the year 2020, free food and financial aid was extended to affected areas.
12. Free Covid-19 Vaccination camps in the year 2020 & 2021, health checkup camps, blood donation camps etc. are organized on a regular basis.
13. During Covid-19 pandemic, free food was distributed to migrant workers.
14. Nukkad-Nataks are organized at various places to create social awareness viz. girls' education, child labour, blood donation, road safety, social harmony etc.

These are some of the initiatives mentioned. The Institute clearly understands its social and moral responsibilities and is committed to leave no stones unturned to fulfil them.

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

7.2 Best Practices

7.2.1

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

Response:

Best Parctice#1

Title: Cultivating Academic Excellence in a World-Class Environment

Objectives:

1. Convergence of students coming from diverse academic/socio-cultural backgrounds.
2. Holistic development of students through skill, social, emotional and physical development.

The Context:

1. No existing benchmarks to follow.
2. The entire approach towards the objectives has been engendered ingeniously.

Practice

- **Continuing a Legacy of Educational Excellence**

PSIT stands as a distinguished pinnacle in the landscape of higher education, epitomizing a unique blend of academic rigor and holistic personal development. As a seasoned institution with over two decades of nurturing minds and shaping futures, PSIT upholds an assurance to fostering global leaders of tomorrow within an environment where a healthy mind flourishes. Welcoming students to realize their innate potential, we are dedicated to guiding them towards comprehensive growth and exceptional achievements.

- **The Campus: A Blend of Natural Beauty and Modern Amenities**

Set against the backdrop of 80 acres of serene greenery, PSIT's campus is an idyllic haven that merges tranquillity with state-of-the-art educational facilities. The campus architecture harmoniously blends with the natural environment, providing a stimulating and comfortable space for learning and growth. It features modern amenities like air-conditioned academic blocks, cutting-edge laboratories, and a comprehensive digital library. The campus life is further enhanced by uninterrupted power supply, clean and hygienic dining facilities, and robust health and wellness support. Accommodation is thoughtfully designed with separate hostels for girls and boys, ensuring a secure and nurturing home away from home.

- **Curriculum and Innovative Pedagogy: Aligning with Industry Standards**

PSIT's curriculum is strategically tailored to bridge the gap between academic theories and industry practices. Our teaching methodology, infused with ICT innovations, ensures a blend of in-depth learning and practical application. Collaborative initiatives like the PYTHON Programming Virtual Lab, in association with IIT Kanpur, and the Centre of Excellence in AI and ML, reflect our commitment to staying at the forefront of technological and educational advancements.

- **Entrepreneurship and Innovation**

The entrepreneurial ethos is deeply ingrained in PSIT's culture, particularly through the Start-up and Incubation Foundation. This hub of innovation propels students towards cutting-edge ventures in AI, biotechnology, sustainable energy, and fintech. Hands-on workshops and business training sessions provide the groundwork for future business leaders and innovators. Signature events like the annual start-up conclave and YUKTI 1.0 HR Conclave connect students with industry giants, fuelling inspiration and practical insights.

- **Beyond Academics: Cultivating Diverse Talents**

Recognizing that education extends beyond the classroom, PSIT hosts a plethora of clubs and cultural programs, nurturing a variety of talents and interests. Technical events like HACKWITHPSIT challenge

students technically, while our techno-cultural fest IGNITIA and various workshops contribute to holistic development. These initiatives, combined with world-class sports facilities and smart classrooms, ensure an environment conducive to all-around growth.

Evidence of Success

The stellar placement records of PSIT are a clear indicator of our educational impact. In the 2022-23 placement season, a remarkable 3604 offers to final year students from top-tier MNCs. A record-setting highest package of Rs 50 Lacs by PaloAlto Networks and an impressive Rs. 40 lakhs by CRED in the 2022 batch underscore our relentless pursuit of excellence in education and career preparation.

Problems Encountered and Resources Required: The initiative's implementation faces hurdles like challenges to find industry expert, frequent industrial visits student diversity and a lack of substantial government support.

Best Parctice#2

Title: Empowering Rural Communities: PSIT Kanpur's Transformative Social Initiatives

Objective of the Practice:

- The chief aims include identifying critical community needs in the adopted villages.
- Fostering partnerships with local entities and promoting community engagement.
- Enhancing community participation in developmental efforts.
- Crafting sustainable, cost-efficient solutions to prevalent local issues.

The Context: PSIT, Kanpur, has embarked on a noble journey to uplift the quality of life in rural communities that grapple with underdevelopment. The institute has taken under its wing five villages, addressing a dire need for basic amenities like clean water, healthcare, education, and sanitary facilities. These villages often witness entrenched social injustice, unemployment, and poverty, leading to diminished opportunities and living standards. Through a myriad of activities like awareness campaigns, training programs, and sustainable agriculture practices, PSIT's initiatives are pivotal in elevating living standards in these areas.

The Practice: PSIT Kanpur's strategy involves tackling the social, economic, and developmental needs of surrounding villages through a comprehensive approach. This involves focusing on healthcare, sanitation, education, and vocational training. The institute encourages active participation from its students and faculty in these community service endeavours, fostering skill development, practical experience, and enhancing community welfare. The institute's collaborations with local NGOs, Gram Panchayats, and the community have led to addressing critical issues like soil erosion, stray animals, pesticide use in agriculture, education, youth employment, and water scarcity. The outcomes have been significant, leading to improved health, sanitation, and agricultural productivity, ultimately benefiting the entire community. In one notable example, the adoption of Singhpur village has led to the promotion of organic farming, yielding better soil health, increased crop yields, and economic upliftment for farmers.

Constraints/Limitations: Despite the promising outlook, these initiatives face several challenges:

- Resource and infrastructure scarcity in villages impede the execution of development plans.
- Building trust and understanding within the community requires significant time and effort.

Evidence of Success: The impact of PSIT Kanpur's initiatives has been acknowledged by dignitaries like Prof. Murli Manohar Joshi, MP, and local Gram Pradhans. These programs have raised awareness about healthcare, education, and skill-building, provided medical care, emphasized women's empowerment through vocational training, and offered critical assistance during the Covid-19 pandemic. These successes illustrate the transformative effect of such initiatives on rural communities, enhancing access to basic services and fostering self-reliance. However, the longevity and effectiveness of these initiatives hinge on continuous community engagement, sustainable planning, and adequate resource allocation.

Problem Encountered and Resources Required: The initiative's implementation faces hurdles like resource limitations, community engagement challenges, sustainability concerns, and a lack of substantial government support.

Notes: For educational institutes endeavouring in social initiatives, several factors are crucial:

- Alignment of institutional values and mission with the objectives of these initiatives.
- Engaging stakeholders effectively, including communities, governments, and other relevant entities.
- Emphasizing capacity building for effective execution of initiatives.
- Establishing robust mechanisms for monitoring and evaluating the impact of these initiatives.
- Fostering collaborations and partnerships for a synergistic approach.
- Designing sustainable initiatives that offer long-term benefits and empower local communities.

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:

PSIT Kanpur: A Paradigm of System-Driven Efficiency in Education

PSIT, Kanpur, a name synonymous with systematic brilliance, stands as a beacon of well-organized and efficient educational practices. For over two decades, PSIT has distinguished itself not only by its academic excellence but more so through its system-driven approach that permeates every aspect of the institution.

Campus Discipline: A Seamless Symphony

At PSIT Kanpur, discipline is a core ethos, transcending traditional rule adherence to shape the behaviour and attitude of faculty, staff, and students. This culture is less about imposing restrictions and more about fostering collective responsibility. Values such as punctuality, respect, and dedication are embraced with enthusiasm, creating a harmonious blend that permeates every aspect of campus life.

This pledge to discipline is visible in the timely start of classes, well-planned academic schedules, and orderly campus events. Faculty members lead by example, inspiring students with their adherence to a professional code, while administrative and support staff ensure smooth operations through precision and efficiency.

Extending beyond academics, this disciplined approach is evident in student conduct across the campus. This creates an atmosphere conducive to learning and growth, instilling in students a lifelong appreciation for order, reliability, and systematic living.

Punctuality and Biometric Accountability

PSIT's adherence to punctuality is exemplified by its advanced biometric attendance system, transcending traditional attendance methods to instil time management as a key institutional value, and start the day with purpose. Beyond tracking attendance, it also enhances security and data integrity, symbolizing PSIT's blend of technology with traditional values for maintaining academic and professional standards.

Hostel Management: A Model of Systematic Care

PSIT's hostel management exemplifies its allegiance to systematic care and meticulous organization, offering more than just accommodation – it's a safe, comfortable space fostering students' academic and personal growth. Regular inspections and maintenance ensure high standards in every aspect of hostel life, from cleanliness to facility functionality. Full time hostel wardens and staff act as caretakers, maintaining an environment conducive to study and relaxation, and balancing discipline with freedom.

Conscious Resource Management

At PSIT, the management of resources is integral to its operational philosophy, particularly evident in the hostel mess. The institute's commitment to minimizing wastage is part of a broader culture of mindfulness and responsibility. Displaying daily food wastage in the mess area serves as a reminder for mindful consumption. This practice not only reduces food waste but also promotes an understanding of wastage's impact on the environment and society.

PSIT's transparent approach to resource management exemplifies how educational institutions can foster sustainable habits. This commitment extends beyond the mess hall, influencing various campus aspects, including energy conservation and sustainable material use, underscoring its dedication to sustainability

and responsible stewardship.

Security and Transport: Pillars of Reliability

PSIT's security system is a model of vigilance and robustness, providing round-the-clock safety for the campus community. More than just surveillance, it's a harmonious blend of skilled personnel and technology, ensuring a secure and peaceful environment for students and faculty. The security team is well-trained to handle both routine and emergency situations, maintaining the campus as a secure zone for academic activities.

Complementing this security, PSIT's transport system stands out for its exceptional coordination and reliability. Carefully planned routes and schedules offer students and staff a stress-free commute, contributing to a comfortable and accessible educational experience.

Revolutionizing Library and Lab Management

PSIT's central library, more than just a repository of books, is a well-managed hub of knowledge with a wide array of academic and research resources, enhanced by advanced technology for efficient access.

The institute's high-tech laboratories, designed for optimal use, are dynamic spaces where theory meets practice. Regular updates ensure access to the latest technological tools, fostering a culture of innovation and experimentation.

Vigilant Class Administration and Monitoring

PSIT's class administration combines vigilance through CCTVs is displayed on large TV screens, installed in each department. These screens enable real-time monitoring of classes, ensuring smooth operations and quick responses to academic needs. This setup not only facilitates immediate classroom management but also enriches the learning environment. This innovation in class administration reflects PSIT's dedication to high academic standards.

Systematic Approach to Examinations

PSIT's examination cell exemplifies efficiency and a systematic approach. Exams at PSIT are seen as crucial elements of the learning process, conducted with serious precision. The well-structured system governing both internal and external examinations ensures fairness, timely evaluations, and prompt result dissemination. This systematic execution reflects the institute's dedication to academic integrity. Combining traditional best practices with innovative methods, the examination process at PSIT is both seamless and transparent, fostering student confidence in the fairness of assessments and preparing them for future professional challenges.

Alongside its core educational strategies, PSIT Kanpur enhances its system-driven approach through several key initiatives. The institute has embraced digitalization and e-governance, implementing advanced online ERP portals for efficient, transparent academic and administrative operations. A robust feedback system with regular surveys and meetings ensures continual improvement in teaching and campus facilities. The career development and placement cell operate systematically, providing comprehensive career counselling and industry interactions to prepare students for professional success. PSIT also demonstrates a strong commitment to sustainability, engaging in initiatives like solar energy,

water conservation, and waste management. Holistic health and wellness programs are in place, offering regular check-ups and mental health support. The campus life is enriched with diverse cultural and extracurricular activities, encouraging student engagement beyond academics. Additionally, a dynamic alumni network with over 15,000 members facilitates regular interactions, mentorship, and collaborative projects, strengthening community ties and ongoing support.

Conclusion: Pioneering Systematic Excellence in Education

PSIT Kanpur stands as a beacon in education, transforming the landscape with its systematic approach to efficiency, discipline, and innovation. It's a testament to the power of structured systems in enriching learning experiences. As it adapts to a changing world, PSIT integrates advanced technology and sustainability, shaping a future where education extends beyond learning to make a global impact. PSIT exemplifies stability and excellence, preparing students as proficient academics and responsible global citizens, leading the charge into a new era of transformative education.

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

5. CONCLUSION

Additional Information :

- NIRF Rank: 151-300, showcasing innovation.
- NBA Accreditation: Affirming quality education standards.
- NIDHI i-TBI, DST recognised incubation cell (Approved areas Artificial Intelligence, Machine Learning, wearable devices, Data Analytics and Decision Support Systems).
- MSME recognised Institute to implement innovation.
- listed in Start-up India Incubator list: Recognized by the MCI, COV, India.
- 10+ government-funded projects worth Rs.1.1 Crores.
- Around 200 annual research publications during 2022-23.
- Over 65 patents.
- 100 gold medallists and University rank holders.
- Successful Tech Expos, Start-up and HR Conclaves.
- 30+ skill development programs.
- Legacy of over 80% placements.
- Highest Salary Package: Rs.50 Lacs Per Annum.
- 200+ campus placement drives.
- Strategic Collaborations with industry giants.
- 14 incubated start-ups.
- 15,000+ strong alumni network.
- Centrally Air-Conditioned campus with state-of-the-art infrastructure.
- 80 acres of lush green, eco-friendly campus.
- Fleet of around 40 Airconditioned/C.N.G. buses for seamless transportation.
- Avant-garde AC-Dolby auditorium with 1350 seating capacity.
- Hi-tech labs with modern computing environments.
- Green initiatives: 25000 litre RO Plant, 1350 KW Power Plant, Vermicompost Plant for sustainability.
- MOUs with renowned Universities and Academicians.
- Huge Computer centre facility (700+ Computers in single lab)
- Equipped with the modern cooking apparatus / equipment to ensure quality, cleanliness and hygiene in mess.
- Licensed/ registered food operators.
- Psychological Counselling centre for students. 24x7 Medical facility.
- 1000+ CCTV camera surveillance.
- Electric cars, cycles for inside commuting, Separate open gym facility for boys and girls.
- AC Hostels with laundry facility. Solar Heaters in Hostel Blocks.

Concluding Remarks :

PSIT Kanpur has made a significant mark for itself by virtue of its long-term vision focused on academic excellence, astonishing placements records, growth oriented academic ecosystem and futuristic vision in the best interest of all stakeholders. The two-decade journey of the institution thus far has carved a position for itself nationally due to excellence embarked in all the facets of professional education.

Outcome Based Education (OBE) is the key to ensuring that each teaching session terminates with the enhancement of the capabilities of our students. PSIT is an institute that has evolved with time to be at par with the global educational world. The intellect, high energy, motivation, and willingness of our students assure us that they bring an added measure of maturity and knowledge to the classroom. The communication between the students and the faculty enriches the educational experience for all. The combination of bright, dedicated students and expert professional faculty results in a great learning environment. PSIT is an exhilarating place to study and grow.

The exceptionally talented and seasoned teaching fraternity motivates the students to push boundaries and become the best versions of themselves. The institute provides a stimulating environment for intellectual development, free-thinking, and personal growth. The academic setup challenges its students with dynamic learning opportunities. We equip them with the skills, insights, attitudes, and practical experiences to take up responsibilities in their careers and life. PSIT believes in strengthening the foundation of the students. Academic research based on rigorous pedagogy equips our students to face challenges in the real world. The institute prepares students to be ethical leaders in a diverse and complex world.

The annual placement portfolio of PSIT is a testimony to its excellent track record of outstanding placements through which our students are ready to carve a niche for themselves in the professional world.

Over the years, the Institute has turned into a happening place because of its enviable placement record and superlative performance in academics, research, co-curricular, and extra-curricular fields besides a strong community outreach.

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 :13 Remark : DVV has made changes as per the report shared by HEI.																				
1.2.2	<i>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</i> 1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years Answer before DVV Verification: <table><tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr><tr><td>4560</td><td>3758</td><td>3163</td><td>3090</td><td>3141</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>2880</td><td>2198</td><td>3163</td><td>3090</td><td>3141</td></tr></table> Remark : DVV has made changes as per the report shared by HEI.	2022-23	2021-22	2020-21	2019-20	2018-19	4560	3758	3163	3090	3141	2022-23	2021-22	2020-21	2019-20	2018-19	2880	2198	3163	3090	3141
2022-23	2021-22	2020-21	2019-20	2018-19																	
4560	3758	3163	3090	3141																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
2880	2198	3163	3090	3141																	
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 : 3322 Answer after DVV Verification: 2944 Remark : DVV has made changes as per the report shared by HEI.																				
2.1.2	<i>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</i> 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></table>	2022-23	2021-22	2020-21	2019-20	2018-19															
2022-23	2021-22	2020-21	2019-20	2018-19																	

698	390	251	296	276
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Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
565	390	249	265	271

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:

2022-23	2021-22	2020-21	2019-20	2018-19
935	915	558	496	496

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
935	915	558	496	496

Remark : DVV has made changes as per the report shared by HEI.

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)

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
298	251	199	198	178

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
84	66	50	41	33

Remark : DVV has made changes as per the report shared by HEI.

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
690.44	1.285	0	13.89	26.13

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
10.44	0.35	0	8.64	15.63

Remark : DVV has made changes as per the report shared by HEI.

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
48	26	04	11	08

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
11	8	1	7	4

Remark : DVV has made changes as per the report shared by HEI.

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
148	136	87	72	147

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
37	21	18	17	24

Remark : DVV has made changes as per the report shared by HEI.

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
50	54	27	25	26

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
36	23	21	15	10

Remark : Values updated as per attachments

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
19	20	14	24	32

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
9	11	5	11	15

Remark : DVV has made changes as per the report shared by HEI.

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 :37

Remark : Excluding the MoUs for medical services and mentoring, input may be modified

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:

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2022-23	2021-22	2020-21	2019-20	2018-19
1023.74	846.62	621.33	1559.83	733.76

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
881.72	704.13	547.03	1261.91	660.55

Remark : Values have been updated as per attachment

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 : 2507

Answer after DVV Verification: 1011

Remark : DVV has made changes as per the report shared by HEI.

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
1103.56	834.76	867.33	752.35	671.56

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
555.17	269.80	162.87	134.58	106.01

Remark : DVV has made changes as per the report shared by HEI.

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
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3760	1950	2661	2031	2784
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Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
3647	1950	2661	2031	2784

Remark : DVV has made changes as per the report shared by HEI.

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
892	827	569	642	742

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
892	827	574	652	749

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
1099	962	750	778	969

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
1099	962	750	778	969

Remark : DVV has made changes as per the report shared by HEI.

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
14	10	7	15	46

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
14	10	3	15	46

Remark : DVV has made changes as per the report shared by HEI.

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
5	0	0	30	25

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
5	0	0	31	24

Remark : DVV has made changes as per the report shared by HEI.

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
43	62	56	15	20

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
14	12	15	2	4

Remark : Values updated as per attachments provided by HEI

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
401	424	09	04	03

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
238	211	07	03	03

Remark : DVV has made changes as per the report shared by HEI.

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
236	259	120	285	135

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
132	115	58	166	126

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
42	39	41	45	40

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
42	39	41	45	40

Remark : DVV has made changes as per the report shared by HEI.

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 : 403 Answer after DVV Verification : 395