SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND SCIENCE

CHINTALAPUDI POST DUGGIRALA MANDAL NEAR TENALI GUNTUR DISTRICT
522306
pitt.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

April 2024

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Priyadarshini Institute of Technology and Science is established in the year 2007 by Indhira Educational Society to bring quality engineering education closer to the rural students. The college has created a resourceful and inspiring academic ambience and world-class infrastructure. With the glorious legacy of 16 years in Engineering, Technology and Management education, the Institution has been successfully producing technologically vibrant, innovative, and confident to face the challenges of the globalised world. The Institution always focuses on the holistic development of the students, preserving the cultural richness and diversity of our society.

The sprawling campus that spreads over 10.05 Acres, all departments have separate floors and state of laboratories with the latest equipment for practicals and project works. The healthy rapport established among the three wings of the Government, Faculty, and Administrative Staff – is credited with the Institution's academic success and its dedication to maintaining and enhancing quality in Technical Education. The college offers undergraduate engineering programs (B. Tech), postgraduate engineering programs (M.Tech) and a management program (MBA). The UG engineering programs B.Tech (CIVIL, EEE, MECH, ECE, CSE & AI&DS).

Research pursuits are the Institution's top priority made a serious effort to the teachers to attend National/ International level seminars /conferences and encourage faculty to upgrade their academic qualifications.

The Institution has a library with books and national and international journals. The internal administration of the Institute is managed through various committees. The Institution uses Innovative methods and pedagogical tools in the teaching-learning evaluation process. The NSS unit creates awareness about social service and self-discipline among the students along with learning.

Vision

Attracting the finest students by creating an overall intellectual atmosphere to train and Empower the professionals with global skills assigning their Legitimate place of honour in society Our never-ending goal in technology continuously challenges the concept of what’s possible we are helping the lives of students through education we have been working to bring the resources and solutions needed for advancing education. We help to turn their vision into reality technology that brings quality education to students. That’s our unwavering commitment.

1. To make education as a tool for social change for the betterment of the society.
2. To spread education globally in the field of engineering and management using existing resources and technologies.
3. Empowering students to be tomorrow’s leaders.

Mission

The Mission of Priyadarshini Institute of Technology and Science is to develop high-quality technical education and personnel with a sound footing on basic engineering principles, technical and managerial skills, innovative research capabilities, and exemplary professional conduct to lead and use technology for the progress of mankind, adapting themselves to changing technological environment with the highest ethical values. As soon as a student will step into the Priyadarshini campus, he/she will be nurtured to excel in their capabilities to face the present challenges of the world. Priyadarshini College will serve as a launching pad in their career to boost them to achieve their goal of life.

1. To incorporate benchmarked teaching and learning methodologies in the curriculum.
2. To ensure the all-round development of students through a judicious blend of curricular, co-curricular and extracurricular activities.
3. To support the exchange of knowledge between industry and academy.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- **About the Institution:** The College is governed by eminent and outstanding academicians, well-established industrialists and well-settled NRI entrepreneurs
- **Institutional Academic Growth:** The College was established in 2007 with three (06) UG Programmes (CIVIL, EEE, MECH, ECE, CSE & AI&DS) with an intake of 900. Currently, the college offers Six UG Programs Four PG programs and an M.B.A.
- **Infrastructural facilities**: The college has world-class infrastructural facilities:
- Each department has well-furnished and ventilated classrooms equipped with modern teaching aids.
- All laboratories are equipped with the state of the art equipment not only sufficient for conducting experiments.
- **Library**: The College is equipped with a centralized library facility with digital connectivity (8 Mbps) and a good collection of national, and international e-journals and NPTL video lectures.
- **Transport and Medical Facilities**: The College maintains good transport facilities and Medical facilities with a resident doctor and supporting staff.
- **Canteen and Hostel Facility**: The College maintains a canteen for providing hygienic food at affordable prices and also a separate hostel facility for both boys and girls
- **Faculty**: All the faculty members are well-qualified and experienced in their respective domains.
- **Staff**: All the staff members (Technical and Non-Technical) are well-qualified and experienced and devoted to rendering their assigned duties
- **Industry – Institution – Interaction**: The College has MoUs with Jeta Software, Dream Media, ANU Digital Solutions, CROSERA, EDIGI Skills, and DOGI Craft to improve learning outcomes of the students as per industry requirements
- **Research and Development**: With the available resources, the departments are carrying out research along with UG & PG Students.
- **Student Activities**: Various technical, Curricular and extracurricular activities are being planned and organized by Students' associations of all departments

Institutional Weakness

- Hindrance for R&D projects pertaining to local problems due to lack of adequate laboratory

infrastructure, testing and calibration facilities.
- Due to the rural backdrop, institute–industry – interaction is not effective.
- Due to the greater number of students with a background in local languages, effective teaching methodology and monitoring is not effective.
- Unable to bridge the gap between theoretical learning and application of the same.
- The retention rate of faculty in IT-based departments is less when compared to non-IT-based departments.

Institutional Opportunity

- Consultancy and service to industry has huge potential for Internal Revenue Generation (IRG).
- Starting customized and value addition short-term courses to meet industrial needs and to increase employment of UG/PG graduates.
- Initiation of R&D activities in all the fields of engineering discipline. Offering demand-based continuing education programmes in all the departments.
- Opportunities exist for nurturing and retaining qualified staff to build the reputation and status of the college.
- Providing support to economically and academically weak students through remedial teaching / competitive examinations coaching viz GATE, IES, GRE, TOEFL etc to improve their performance.
- Developing the college as a nodal centre with autonomy for nurturing entrepreneurship skills. Imparting Job guaranteed Training Programmes in all the departments.
- Providing Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in engineering disciplines.
- Undertaking agro-based consultancy to improve the quality of life in rural area

Institutional Challenge

- The language proficiency status of students is affecting their academic standards when compared to urban students.
- Due to the high density of educational institutions in urban areas admissions and placements are directly affected in rural area institutions.
- Changes in curriculum demand for sophisticated equipment and highly qualified faculty.
- As IT Jobs are lucrative in pay packages, less number of PG seats are filled and many seats lie vacant for even demand-driven PG courses.
- Non-availability of Ph.D. candidates in engineering disciplines is a major threat to the growth of quality education.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Priyadarshini Institute of Technology & Science (PITS) follows JNTUK University, Kakinada, curriculum as our college is affiliated with JNTUK. Curriculum is a key factor that is reflected in program quality. The curriculum is flexible and several choices in terms of subjects, program electives, job-oriented courses, professional electives, Basic Sciences & Mathematics are included. Emphasis is given to the practical sessions.

Based on the University Academic Calendar, the college prepares academic calendars year-wise and follows them meticulously. Mid-term and Semester End Examinations are conducted as per the schedule given by the affiliating University. Co-curricular activities such as seminars, workshops, value-added courses, guest lectures, webinars and conferences are also effectively planned and highlighted in the academic calendar. The college is equipped with spacious classrooms, and state-of-the-art computer labs, with ICT facilities which make the delivery of the curriculum attractive and easier to students. The program development and review process of the college ensures that the programs are contemporary and comprehensive through annual internal and external exams. Based on the assessment, slow learners are identified and remedial classes are conducted for them.

Apart from the regular curriculum, Add-on programs/Certificate Programs are conducted to make students industry-ready. From 2018 to 2023, 35 Add-on programs were conducted for students of various branches of engineering. 39.53% of students enrolled in the Certificate Program as against the total number of students. This facilitated them to acquire new skills. The college integrates and promotes cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability by conducting various activities on and off the campus by the NSS Team for their holistic development. The project works and Internships are implemented as a part of the curriculum to enrich the learning experience of students. In the year 2022-23, 652 students undertook project work/internships/industrial visits, which helped them get exposed to the outer world. Several courses are interdisciplinary and technology-driven inculcating personality and skill development. The Institution has a structured feedback process, covering all the stakeholders, namely students, faculty, employers, and alumni. The feedback obtained is analyzed and action is taken for improvement.

Teaching-learning and Evaluation

Priyadarshini Institute of Technology and Science (PITS) follows and believes the ground reality and perception levels of the students will have different learning and understanding capabilities so the institute will instruct the teaching faculty to follow different aids of teaching so that a maximum number of students gains the knowledge. The institute also regularly upgrades and follows the latest tools keeping in mind the present generation and current technologies.

According to Andhra Pradesh Government regulations, the admissions procedure is conducted through the AP-EAPCET, AP-ECET for UG and AP-ICET, and AP-PGECET for PG as per Government norms. The institute maintains 43.35% of the enrolment percentage and 57.63% filled against reserved categories. The institute has qualified and experienced faculty. The Student-Faculty ratio is maintained as per norms. The Institute keeps the student-faculty full-time ratio of 10.39. Faculty prepares the teaching timetables as per the JNTUK academic calendar. The college has clearly stated all Programme outcomes, Programme Specific Outcomes and Course Outcomes are well-defined for all programs. The Outcomes prepared based on expected graduate attributes and the values ??students must acquire and which they must imbibe in order to become good citizens

The faculty maintains a course file that includes a syllabus copy, course objectives, outcomes, Lecture notes, University question papers with keys, sample answers and assignments Midterm examination scripts, Course articulation matrix and CO-PO attainments. The Chalk and Talk methods, PPTs, NPTEL Videos, Workshops, Guest lectures by experts from various areas, and ICT Resources are used in the teaching-learning process to help students better understand. In spite of regular teaching-learning methods. About 20 students are assigned to a faculty member for mentoring. Internships & Projects, Industrial Visits, Exhibition, Activity Based Learning and Value added courses are followed.

The institution encourages students to make projects related to the latest technologies in all branches to enhance

their practical knowledge while simultaneously working on innovative Laboratory experiential learning. The teaching-learning process is always enriched with the help of practical knowledge. Thus, students are provided with the necessary experience by giving them exposure to various laboratories, right from their first year.

The Institute conducts Tutorial classes and Remedial classes for slow learners. The institute also plans to conduct GATE, GRE, IELTS and additional training sessions on various emerging technologies. The percentage of Full-time teachers with PhD is maintained during the assessment period. A Strict and Confidential system is maintained for conducting examinations and evaluation processes to improve the student's performance. 81.64% pass percentage has been maintained for the last five years. All academic, co-curricular, and extracurricular activities are monitored by IQAC, which is supported by department-wise senior faculty members. It also makes sure to give faculty members and students all the support they need to improve teaching and learning.

Research, Innovations and Extension

The Research & Development cell was established by the Priyadarshini Institute of Technology & Science (PITS) to promote faculty and student research roles and activities. This cell's mission is to foster a culture of research on campus by motivating teaching staff and students to think and be creative in life and also provides a platform to work on academic/industrial projects. In addition to cultivating a scientific attitude, the Research & Development Cell aims to satisfy the vision and mission of the college. R&D cell priorities in increasing citations, patent applications, and research publications. A PITS has held 44 seminars and workshops in the areas of IPR, R&D, and entrepreneurship over the course of the last five years. More than 30 research papers in the Journals were notified on the UGC CARE list during the last five years. In order to impart ethical values of self-control and dedication to community development in students and to cultivate a sense of social responsibility, PITS has established the NSS Unit. NSS teaches students to show service to people in society and an appreciation for their participation. It also helps the students comprehend who they are and how they fit into the community. PITS has carried out 46 activities NSS activities outside the campus – in and around Tenali city and has received various rewards and appreciation from government and non-government agencies. PITS collaborates with various colleges and there is a total of 97 functional MoUs/linkages with institutions/ industries in India for internship, on-the-job training, project work, workshops, faculty development programmes, student/faculty exchange and collaborative research during the last five years.

Infrastructure and Learning Resources

Priyadarshini Institute of Technology & Science provides comprehensive facilities and resources for academic excellence, aligned with its vision and mission. The college boasts 33 ventilated classrooms, each accommodating up to 72 students, along with Drawing Halls. One classroom in each department is equipped with LCD projectors, ensuring effective teaching. ICT facilities include Wi-Fi connectivity, internet access, and multimedia learning support in classrooms and laboratories for effective teaching and learning. Additionally, a fully air-conditioned conference hall seating 200 facilitates workshops, seminars, and guest lectures. The digital library includes 20 computers with internet access, and various e-resources, enhancing learning opportunities. Indoor and outdoor sports facilities are available and integrated into the curriculum to promote physical activity. Yoga and meditation classes are conducted weekly to prioritize mental and physical well-being. Cultural activities, including dancing, mock parliaments, and role plays, promote holistic development. PITS also boasts essential infrastructure such as management rooms, administrative offices, hostels, and medical facilities, ensuring a conducive environment for learning. 55.62% of expenditure for infrastructure development

and augmentation excluding salary during the last five years.

The Library at Priyadarshini Institute of Technology & Science is a vital resource hub, spanning 390 square meters, and accommodating 100 users. Operating from 9:00 AM to 5:00 PM on weekdays, it employs two dedicated staff members. Koha 23.05 software by INFLIBNET, the library employs automation for rapid circulation processes. With an Open Access System, it houses 15,000 volumes of books covering diverse fields and offers access to 752 international online journals. Additionally, it provides educational CDs, e-resources via DELNET, and internet access at 50 Mbps. The library ensures efficient resource sharing, making it an indispensable asset for students and faculty.

The institution maintains an up-to-date IT infrastructure, ensuring Wi-Fi connectivity throughout the campus. With 350 desktops, each equipped with 4 GB RAM, and internet speeds of 50 Mbps provided by BSNL, students and faculty enjoy reliable connectivity. The campus features five strategically positioned Wi-Fi routers and LCD projectors for enhanced teaching and learning. Administrative processes are computerized, and supported by laptops, webcams, and projectors in each department. Labs are equipped with the latest software and internet access, while a Biometric Attendance System tracks employee presence. Robust power backup, including three UPS systems and two inverters, ensures uninterrupted operations during power outages. 42.35% of the expenditure incurred on maintenance of physical facilities and academic support facilities excluding the salary component, during the last five years.

Student Support and Progression

Priyadarshini Institute of Technology and Science (PITS) has been dedicated to providing its students with the necessary support to ensure a rewarding educational experience on campus. Over the last five years, 46.96% of students have benefited from scholarships offered by the institution, along with government,non-government organizations, and individuals. The college offers a wide range of support systems and services, including resources for academic and career guidance, financial aid, and co-curricular and extracurricular activities. Furthermore, every student at the institution receives guidance on competitive exams and career counselling. Additionally, PITS also organizes special classes aimed at preparing students for GATE, PGECET, IELTS, GRE and TOEFL exams. 56.88% of students benefitted from guidance for competitive examinations and career counselling offered by the institution during the last five years. It enables students to express their opinions through various channels, including the Anti-ragging Committee, Women Empowerment Grievance Redressal Committee, Online Grievance Cell, and Formal Feedback, guaranteeing that every student's concern is addressed effectively. The placement rate for outgoing students and those advancing to higher education has been 25.79% over the past five years, with around 18 students annually qualifying in state, national, or international level examinations during the same period.

The Physical Education department encourages all students to engage in sports activities and provides training in various sports disciplines. Over the past five years, students from the college have taken part in numerous intercollege competitions, securing awards for the college in both sports and cultural events. They have achieved 39 awards/medals for exceptional performance in sports/cultural activities at the university level/state level/national level during this period. Moreover, students have participated in many sports and cultural events in the last five years. The College Alumni play a pivotal role in highlighting current industry trends and advising on how training programs can be adapted to fulfil industry requirements through the Alumni association. Leadership abilities are fostered among students through the student council, various associations, and project-based initiatives. Alumni Association members also make financial contributions, offering monetary assistance to underprivileged students to ensure their education continues smoothly without any

financial difficulties.

Governance, Leadership and Management

Priyadarshini Institute of Technology & Science (PITS) caters to the advancements in science and technology leading to quality research, publications, patents, and products and grooming the students to be industry-ready. PITS strives to provide excellence in engineering education for students in their respective branches with the teaching faculty and HoDs. The main aim of the Institution is to change the students as intellectual leaders and also provide the opportunities to perform various experimental and research activities. Various departments have their own vision and mission and collectively support the Institutional vision and mission.

To develop enhanced activities for students, the institution organizes various workshops, guest lectures, conferences and seminars by experts from various domains, also conducts various experimental learning activities like mini and main project works etc. from various institutions, and students are also encouraged to visit industries and to do internships which made it as an integral point of all courses. Academic norms, rules, and regulations are developed for the numerous programs the institute runs under the supervision of the Principal.

24.04% of the faculty has been provided with financial support to attend conferences/workshops and towards membership fees of professional bodies during the last five years. During the last five years, the Institution has organized Faculty Development Programmes (FDP), Management Development Programmes (MDPs), workshops, administrative training programs and different professional memberships for teaching and non-teaching staff. 65.95% of teaching and non-teaching staff have participated in FDPs, and professional development /administrative training programs during the last five years. The institute conducts financial audits to have discipline and transparency in financial management and conducts Internal and external audits regularly.

An academic evaluation is done by the head of the department and principal based on their performance and dedication in carrying out their responsibilities. The institute received recognition like ISO. IQAC conducts periodic audits to identify gaps and recommends various measures to be implemented to improve academic and administrative quality. In order to achieve the predetermined objectives; the institution uses a strategic plan and viewpoint for improvement. Management provides the necessary leadership, financial, and administrative assistance to carry out the policies.

Institutional Values and Best Practices

The Priyadarshini Institute of Technology & Science (PITS) has taken several initiatives to improve has taken several initiatives to improve gender equality, including Introducing several programs to promote gender equality. The institute focuses on energy saving and environment protection, Conducting audits such as the Green, Environment and Energy Audits

The institute actively participates in National and International Celebration Days and Festivals in collaboration with the NSS units. The institute regularly organizes various events and programmes to encourage an inclusive campus atmosphere, with a strong focus on human values and professionalism. The Institution aims to promote an inclusive atmosphere by honouring a variety of cultures, regions, languages, communities, economies, and other characteristics.

Priyadarshini Institute of Technology & Science is giving importance to handling E-waste management to maintain a clean and eco-balancing environment for creating an eco-friendly environment on the campus.

The institution follows best practices such as “Setting up Organic Farming” and “Green Campus Initiatives”. The Institution has implemented a strong Counselling System framework at various levels to closely monitor and guide student performance and activities. Distinguishing itself by incorporating technology, research emphasis, talent development, and community engagement strategies, the college emphasizes the provision of high-quality education. With a commitment to delivering exceptional instruction and promoting Responsible and emotional development through relevant and flexible programs designed for rural and underserved educational populations, the institution is dedicated to excellence. Our main objective sets us apart from other colleges in terms of overall success by providing outstanding instruction and opportunities for intellectual and emotional growth through a variety of programs tailored to meet the needs of a rural community with limited educational resources.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PRIYADARSHINI INSTITUTE OF TECHNOLOGY AND SCIENCE
Address	CHINTALAPUDI POST DUGGIRALA MANDAL NEAR TENALI GUNTUR DISTRICT
City	Chintalapudi duggirala mdl
State	Andhra Pradesh
Pin	522306
Website	pitt.ac.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	ARIGA RAMARAO	08644-277002	9849009298	-	principalx2@gmail.com
IQAC / CIQA coordinator	KANDRU LALITHA BABU	08644-277003	9133141408	-	principalku@gmail.com

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada	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	02-06-2023	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	CHINTALAPUDI POST DUGGIRALA MANDAL NEAR TENALI GUNTUR DISTRICT	Rural	10.05	13497

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,Civil Engineering,	48	Intermediate	English	60	2
UG	BTech,Electrical And Electronics Engneering,	48	Intermediate	English	60	1
UG	BTech,Computer Science And Engineering,	48	Intermediate	English	180	85
UG	BTech,Mechanical Engineering,	48	Intermediate	English	60	2
UG	BTech,Artificial Intelligence And Data Science,	48	Intermediate	English	60	5
UG	BTech,Electronics And Communication Engineering,	48	Intermediate	English	120	9
PG	Mtech,Civil Engineering, Structural engineering	24	B.Tech	English	30	2
PG	Mtech,Electrical And Electronics Engneering,Electric power systems	24	B.Tech	English	30	2
PG	MBA,Mba,	24	Any Degree	English	240	94
PG	Mtech,Computer Science And Enginee	24	B.Tech	English	30	8

	ring,Computer science and engineering					
PG	Mtech,Electronics And Communication Engineering, Embedded systems	24	B.Tech	English	30	1

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	12				34				101			
Recruited	11	1	0	12	30	4	0	34	69	32	0	101
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				40
Recruited	15	25	0	40
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				20
Recruited	18	2	0	20
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.	11	1	0	0	0	0	0	0	0	12
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	30	4	0	69	32	0	135
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**
	0	0	0	0

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

Programme		**From the State Where College is Located**	**From Other States of India**	**NRI Students**	**Foreign Students**	**Total**
UG	Male	62	0	0	0	62
	Female	42	0	0	0	42
	Others	0	0	0	0	0
PG	Male	55	0	0	0	55
	Female	42	0	0	0	42
	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	21	30	29	30
	Female	15	26	27	28
	Others	0	0	0	0
ST	Male	12	21	21	20
	Female	3	14	14	34
	Others	0	0	0	0
OBC	Male	41	74	50	122
	Female	28	70	49	73
	Others	0	0	0	0
General	Male	62	70	63	90
	Female	42	54	41	100
	Others	0	0	0	0
Others	Male	6	15	13	4
	Female	2	13	8	1
	Others	0	0	0	0
Total		232	387	315	502

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The National Education Policy (NEP) aims in providing high-quality education to empower our citizens as globalparticipants, a vision wholeheartedly embraced by Priyadarshini Institute of Technology and Science (PITS) The NEP's fundamental ideas and guiding principles, such a simple mentation of diverse curriculum and pedagogy a long with technological advancements in education, promoting rational decision-making and fostering innovation, as well as encouraging critical thinking and creativity. Even NEP profoundly inspired numerous faculty members at Priyadarshini Institute Of Technology & Science. Regular discussions are in progress to ensure theeffective

implementation of the concepts for the betterment of education. 1. Multi-disciplinary/ inter-disciplinary: Priyadarshini Institute of Technology and Science is affiliated to JNTUK University, and the university consistently undergoes the restructuring of academic programs to incorporate multi-disciplinary an dinter-disciplinary courses as elective subjects, aligning with the principles of the National Education Policy(NEP).All programs offered by JNTUK university are meticulously crafted to provide students with optimal flexibility, allowing them to choose elective courses from diverse specializations. It is evident that the affiliating University isactively translating the recommendations of the NEP intopractical implementation. Priyadarshini Institute of Technology and Science (PITS) have initiated the formation and integrating various specialties along with the existing academic programs. The aim of the National Educational Policy (NEP-2020) for higher education is to stand still the fragmentation and decentralization of higher education by transforming institutions into vast, multi disciplinary universities, colleges, and higher educational institutes to serve as Knowledge Hubs. In line with the NEP guidelines, Priyadarshini Institute of Technology and Science (PITS) aspires to attain a commendable grade from the National Assessment Accreditation Board (NAAC) and strives for excellence in technical education.. Priyadarshini Institute of Technology and Science (PITS) has embraced multi disciplinary programs in its curriculum, dedicated to providing a holistic and comprehensive education to enhance the knowledge of campus students. In a dherenceto This philosophy and in accordance with JNTUK guidelines, Priyadarshini Institute Of Technology & Science have implemented a course covering Human Valuesand Professional Ethics, Stress Management through Yoga, Disaster Management, Constitution of India, and the Essence of Indian Traditional Knowledge for the student on campus. Moreover, our students have actively engaged in community outreach programs in nearby villages, conducting health awareness initiatives on various diseasessuch as covid19 awareness, AIDS, Cancer, communicablediseases, Personal hygiene, First Aid, and Rational use ofmedicines,amongothers. Leadership and Effective Governance for Higher EducationInstitution: A) Priyadarshini Institute Of

	Technology & Science, a self-finance and private Higher Education Institution affiliated with JNTUK University, KAKINADA, aim to transition into an autonomous, self-governing institution dedicated to fostering innovation and maintaining high quality through accreditation and recognition processes. B) Priyadarshini Institute Of Technology & Science has formulated a strategic Institutional Development Plan that is in harmony with the objectives outlined in the National Education Policy (NEP).
2. Academic bank of credits (ABC):	Academic bank credits are a crucial component of the NEP-2020 that every academic institution must implement. The integration of all Higher Educational Institutions is vital aswe progress globally. Priyadarshini Institute of Technology and Science (PITS) has been actively promoting and implementing online courses through national schemes such as SWAYAM, NPTEL, Coursera, etc., for our students, with due consideration given to the credits earned.
3. Skill development:	Introduction & Implementation of Add-On Programs, alongside the regular curriculum, is crucial for acceleratingskill development within the student community. A Priyadarshini Institute of Technology and Science (PITS) is dedicated to providing various resources for personality development, interview skills, and life skills training for our students in the campus. With a clear intention and goal of empowering young students and meeting the requirements of the information technology industry andother core industries , PITS is guided by the following mottos: • To cultivate real-time industry-related skills and attitudes through training and internships, collaborating with Code Works providing on-the-job training. • To introduce innovative learning methods using ICT Tools and digital tools, such as Massive Open Online Courses(MOOC) and flipped class rooms, for training and Empowering teachers. • To focus on incorporating good practices and innovations in teaching-learning processes. • To establish collaborations with industries for imparting practical skills and hands-on experience, industry-relevantcourses. • Developing and implementing a comprehensive assessment and evaluation system. • To introduce an outcome-based education system, evaluating students from all angles to assess their

	learning outcomes. PITS believe in providing equal significance to individual pursuing add-on courses, contributing to the development of the country's workforce.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The promotion of Indian arts and culture is not only beneficial to the nation but also to individuals. As a professional institution, English is the primary language of communication for all academic activities. Tofoster a sense of regional pride, the institution celebrates important dates and sponsors events in regional languages.Independence Day, Republic Day, and Teacher's Day areexamples of celebrations where students are addressed intheir native languages. Women's Day is a prominent day commemorated with cultural events. Recognizing India's diversified cultures, PITS celebrates traditional days during festivals such as Sankranti, Dussera, and rangoli competitions that promote national integrity and awareness of Indian National and Regional languages, as well as the culture associated with them. In Priyadarshini Institute Of Technology & Science, all religious festival saregivenequal importance and celebrated to demonstrate unity in diversity.
5. Focus on Outcome based education (OBE):	Priyadarshini Institute of Technology and Science (PITS) has adopted outcome-based education incompliance with the benchmarks established by the National Board of Accreditation.. The institution adheres to clearly defined Programme Outcome sand Course Outcomes, aligning with cognitive abilities such as Remembering, Understanding Applying, Analyzing, Evaluating, and Creating. In addition to domain-specificskills, the learning outcomes across all levels emphasize social responsiveness, ethical considerations, and entrepreneurial skills, ensuring that students actively contribute to the economic, environmental, and social well-being of thenation. The Course Outcomes (COs) are meticulously aligned withthe philosophy of Programme Outcomes (POs). The course syllabus, designed in collaboration with the affiliating JNTUK, takes in to account macro-economic and social needs, applying the principles of the National Education Policy (NEP). Priyadarshini Institute of Technology and Science (PITS) ‘innovative curriculum in corporate community participation and service, environmental education, and value-based education. This includes credit-based

	coursesand projects, as well as lab experiments and mini-projects with a focus on coding skills. The B.Tech, M.Tech and MBA program introduces value-based education courses such as Professional Ethics & Human Values and Gender Sensitization. Environmental Sciences is a comprehensive course addressing all aspects of environmental sustainability. Priyadarshini Institute of Technology and Science (PITS) Coactively engage in various community outreach initiatives through bodies like the Student Welfare Committee and the National Service Scheme (NSS), contributing to extension activities within the community.
6. Distance education/online education:	Since the onset of the COVID-19 pandemic, educational institutions nationwide have progressively embraced the increased use of digital platforms for conducting classes, organizing seminars, conferences, and professional meetings. The advent of the new digital platform, "online education," has dismantled geographical barriers, fostering effective connections between learners/students and experts from distant locations of facilitate the exchange f knowledge. The adoption of a hybrid educational model, integrating both online and offline resources has become feasible with the reopening of the economy, including educational institutions. This shift may be considered the emerging norm, aligning with the anticipated changes outlined in the New Education Policy. Given the knowledge and experience gained during the Covid-19 lockdown phase, access to online resources forboth learners/students and mentors is no longer a constraint.Students are strongly advised and encouraged to enroll in MOOC courses at Priyadarshini Institute of Technology and Science (PITS). The institute has successfully delivered all course content online enduring the Covid-19 outbreak, utilizing digital tools such as Zoom, Google Meet, WebEx, and more.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Priyadarshini Institute of Technology & Science has set up Electoral Literacy Club with the primary objective to sensitizing the student community about

	democratic rights which includes casting votes in the elections. ELC aims to have practical experience to teach students about voter registration, the electoral process, and associated topics through hands on experience in making them know their rights. Voter registration awareness program was conduct in association with Gram panchayat booth level officers with in college and awareness rallies in neighborhood.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	The Institution has the ELC function a with the following office bearers Sl. No. - Name - Designation - FunctionalRole 1. - U MAHESH - Asst.Professor - ELC Coordinator 2. - D SIREESHA - Asst. Professor - ELC Additional Coordinator 3. - KATTUPALLI SNEHA SRI - III B.Tech (CSE)student - Student Representative 4. - SHAIK NAZMA - III B.Tech student(ECE) - Student Representative 5. - PAGADALA HARSHITHA - IIIB.Tech(CIVIL) student - Student Representative
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	Activities done by the ELC of Priyadarshini Institute Of Technology & Scienceas follows. • To facilitate voter registration for eligible members who are not registered. • Awareness Campaigns are conducting to educate the public in the nearby villages. • To educate the targeted populations about voter registration, electoral process and related matters through hands on experience • To raise awareness among students and faculty through workshop in association with Gram panchayat of nearby villages.
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 takes initiatives that are socially relevant to electoral related issues especially awareness drives , creating content, Publications Highlighting their contribution to advancing democratic values and participation in electoral process. 1. To help the target audience understand their right to vote andto ensures that they exercise their right with confidence, comfortable and ethical manner. 2. To develop a culture of electoral participation and maximize the informed and ethical voting and follow the Principle "Every vote counts".
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	Through interactive activities and hands-on experiences, the ELC (Electoral Literacy Club) serves as a platform to enhance electoral literacy among students aged 18 to 21. It aims to educate

students as voters.	them about their voting rights, familiarize them with the registration and voting processes. We held an awareness session for our students and all faculty, organized mock parliament, poster presentation, and debates to instill the aim of ELC.

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
1527	1617	1464	1256	898

File Description	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: 240

File Description	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
147	170	168	163	159

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
612.27	383.89	310.91	329.59	292.65

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:

PG and UG programs are offered in, Priyadarshini Institute of Technology & Science affiliated to Jawaharlal Nehru Technological University, Kakinada. Our Institution has a mechanism for well-planned curriculum delivery and documentation. Apart from the traditional teaching-learning methods of whiteboard and lecturing method, our college lays great emphasis on curriculum delivery through practical learning. The college arranges an array of co-curricular activities to enrich the curriculum. Our college follows the Academic Calendar issued by Jawaharlal Nehru Technological University, Kakinada. Principals, Heads of the departments, And table coordinators prepare a draft of the timetable which includes theory, practicals, soft skills, campus recruitment training classes, and co-curricular activities like sports which enhance students' academic excellence as well as personality development.

The college adheres to and functions as per the academic calendar issued by the affiliating university JNTUK. It is displayed on the notice boards and on the college website. The academic calendar of the University is followed and at the institutional level, the college academic calendar is formulated keeping in mind the inclusion of Exams, Co-Curricular and Extracurricular activities to ensure the all-round development of the student. The examination branch of the institute strictly adheres to the university's academic calendar conducts the internal examinations and monitors the evaluation process.

The College academic committee which consists of the Principal and Heads of the departments going to implement an action plan for the successful delivery of the curriculum, to implement this curriculum the heads of the departments conduct frequent meetings in their respective departments, to develop and ensure the quality of the teaching and learning process. To ensure effective curriculum delivery, every faculty member must submit a course file to the heads of the departments at the beginning of each semester. Regular interaction with Students of every class with the Principal ensures that lecturers complete their portion on time and effectively. The responses gathered via the student feedback survey help us identify improvement areas in curriculum delivery and evaluation methods. The progress of the students is maintained through mid-examinations, assignments, and semester-end exams.

The college is well equipped with smart classrooms, spacious and state-of-the-art computer labs, and other ICT facilities which are extensively used by faculty in day-to-day teaching to make the delivery of the curriculum attractive and easier for students.

The Institute follows Choice Based Credit System (CBCS), self-learning courses and some industry-offered courses for undergraduate programs and also utilizes a Learning Management System (LMS) for the effective learning process. Value-added courses to enhance communication, employability, and entrepreneurship skills are included in the curriculum. Internships and live projects are also undertaken

by students to enhance employability

The College academic committee invites proposals from the departments for various skill development course schedules and certificate or add-on programs in the curriculum to enhance the overall development of the students.

File Description	Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1

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

Response: 34

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional data in the prescribed format	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: 39.53

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
577	621	583	435	457

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 integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment, and Sustainability into the curriculum in addition to conducting various Orientation/awareness programs on gender sensitivity, soft skills, career guidance, women empowerment, etc.

In order to integrate the cross-cutting issues relevant to environment and sustainability, human values, and professional ethics, the University has included different types of courses in the curriculum such as Intellectual Property Rights and Patents, Professional Ethics and Human Values to develop awareness among students about environment and Sustainability.

Environmental studies in engineering programs cover various areas of sustainability and Environmental issues. The Environment has a significant impact on human health and well-being. It allows students to practice a sustainable life and to utilize natural resources efficiently. The awareness of it enables students to make a collective effort to solve environmental problems that are faced in our day-to-day lives.

Professional ethics and human values courses provide basic inputs to students in order to instil human values and help them grow into responsible citizens with proper personalities. It provides an overview of the numerous challenges that every professional faces when performing their tasks. As an integral part of student engagement in social activities during their program of study, the college encourages all the students to enrol as NSS and NCC Volunteers. It aims at inculcating values, ethics, and socially responsible qualities. Students organize street plays, awareness campaigns, debates etc. Human values activities by students have been conducted since inception.

The institute offers courses on the ‘Indian Constitution’ to the students to learn fundamental rights, gender equity, sensitization, and respect for societal and cultural factors. In this connection, gender sensitization campaigns, activities in student clubs, and interactions with eminent persons from academia and industry.

The college has a Women Grievance Cell and Grievance Redressal Cell to provide counselling to students, promote gender equity among students, and also deal with related issues of safety and security of female students, staff, and faculty. The college campus is secured with CCTV and high-level security.

The students actively participate in all institutional environmental activities with zeal and the Institute

celebrates every year National Water Day, World Soil Day, National Energy Conservation Day, and World Environment Day to create awareness among the students. An eco-friendly association is formed by the students to create awareness and inculcate the best practices to make the environment friendly. Every year the institute celebrates International Women's Day on 8th March by inviting eminent women personalities to motivate and ignite the young women students to choose their right career path.

The above courses offered in the university's curriculum help the students practice the values, follow the code of conduct, understand the environmental challenges, and strive to create a better world for tomorrow.

1.3.2

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

Response: 31.3

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

Response: 478

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

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 43.35

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
296	387	316	502	382

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

2022-23	2021-22	2020-21	2019-20	2018-19
900	900	840	852	852

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

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: 47.8

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
167	234	198	286	224

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
480	480	448	456	456

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

2.2 Student Teacher Ratio

2.2.1

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

Response: 10.39

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:

Priyadarshini Engineering College's main area of strength is the teaching and learning process. In order to make the learning process student-centred, teachers offer students an ideal fusion of traditional and new methods. To ensure the students' overall and professional development, experimental learning, participation, and problem-solving approaches are well-used. Free Wi-Fi is available on campus to ensure efficient use of digital technology. In order to deliver the lecture effectively, professors deploy innovative and visual teaching methods through Wi-Fi-enabled classrooms. Students and staff have access to free Wi-Fi to update their knowledge of different varieties of software for all branches, which gives them access to improve their skills for experimental knowledge. Since audio-visual memory has been shown to be more effective at long-term retention, teachers also make use of the educational Videos that are available to pupils in an effort to reinforce fundamental concepts. Teachers are encouraged to improve their pedagogical knowledge by participating in workshops and sharing their opinions on any new methods or programs they have discovered that might be useful. The institution uses contemporary

pedagogy to improve teaching and learning through;

1. Experimental Learning: A young, inquisitive engineer is inspired by experimental learning, carried out through practical hours, working on equipment, industrial training/visits, Practice School, research projects, NSS activities, add-on courses, and presentations/publications at various conferences/ journals. Learners are given the chance and experience to learn first-hand about the practical application of theoretical principles. Live equipment handling and demonstrations are common practices for all students.

2. Participative Learning: Students are encouraged to take part in a variety of activities, including quizzes, poster presentations, e-posters, PPTs, leaflet competitions, awareness campaigns, and rallies, in order to develop their communication skills and scientific and social participatory learning abilities.

3. Problem Solving Methodologies: The attendance of seminars and workshops on spectral data analysis, detection, assessment, comprehension, avoidance of responses, and related issues, is encouraged for both students and professors. Assignments on subjects such as the reactions involved in robotics manufacturing and the interpretation of AI working are given priority. Students will be assisted in resolving issues arising during experimentation by practical experiments. Also include them to know what is happening in the world/ current issues going on in the country /state. Students at the undergraduate and postgraduate levels do research projects to improve their ability to recognize problems and find solutions. Btech students' industrial-based projects always include observation and improving life skills.

File Description	Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

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

Response: 100

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

2022-23	2021-22	2020-21	2019-20	2018-19
147	170	168	163	159

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: 7.56

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
12	12	13	12	12

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

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:

For each semester and year, there is an ongoing process of internal student assessment. Internal exams, quizzes, assignments, class tests, projects, case studies, etc. are used to evaluate the performance of the students. Each unit's completion is followed by a class test. Students are advised of the scope of improvement after seeing the class test results. This ensures that the student answers the question correctly if it appears in an internal or university exam. The transparency in the examination processes

followed as per the guidelines of the JNTUK (Kakinada). Where appropriate, the internal evaluation examination follows the same guidelines. Internal exam papers are evaluated and discussed with students after completion. The subject teacher corrects any errors in the entry of marks or changes. The faculty reviews each student's paper with them individually and points out areas for improvement. Only after each student has reviewed and approved of their marks is the subject's mark list posted on the notice board. To ensure a fair evaluation in the event of any discrepancy, the paper is re-evaluated by other staff. At the college level, students can easily contact staff about the rectification of their marks. Each staff member makes sure that any disputes relating to the evaluation are settled before submitting the answer sheets to the examination branch. The timely and effective resolution of exam-related complaints is ensured by a functioning grievance redressal committee. Students are encouraged to express their complaints without worrying about being scrutinized or singled out.

Any grievances of the students related to university examinations such as online form submission, queries related to hall tickets viz. correction in name/ subject/ subject code/programme/pattern, wrong entry of marks and absentee etc. are addressed at college and university level in a time-bound manner under the guidance of examination section of the college. The office and examination branch guide students to apply grievances through online ports. The expression of complaints by students is encouraged without any fear of retaliation from peers or professors. For a fair evaluation procedure, both direct and indirect grievance reporting methods are taken into consideration.

After the end-of-semester exam, the university normally announces the results 40 to 45 days later. Students have ten days from the time the results are announced to submit an online request for revaluation as per JNTUK. The results of the revaluation are disclosed after 45 days. The university adjusts the marks if there are any changes; otherwise, the previous marks are retained.

File Description	Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

The institute sets Course Outcomes (COs) for all the required courses in all the programs available in order to measure Program Outcomes (POs). Periodically, these variables are evaluated to see whether or not the program outcomes have been met. In ongoing assessments, such as sessional exams, end-of-semester exams, year-end exams, assignments, and projects, the institute evaluates students' knowledge and ability to apply their abilities using their own methods. The institute uses assessment tools to evaluate students’ knowledge and ability to apply their skills in continuous like sessional examinations, end-semester examinations, assignments, and Projects.

The main goals of POs and COs are to teach knowledge and develop skills that are necessary for developing capacity and personality. The course in charge (subject in charge) will draft the relevant COs for their given course after the course (subject) allocation. The CO statements completed by the course in charge will be reviewed by the department head. Lesson plans are prepared with Course Objectives, Course Outcomes, teaching tools and the total number of teaching hours at the beginning of the academic year.

Assessment and Attainment Methods - The Various Assessment tools are as follows:

- Internal and External Theory Examination
- Internal and External Practical Examination
- Assignments
- Projects

Each subject's Course Outcomes (COs) attainment is assessed by internal and external exams, assignments, and project work. Students are given assignments that require them to consult textbooks and reference materials in order to grasp the assignment's goal and discover the solutions.

Assignments are aligned with COs of the respective subject. According to the performance of the student in answering each question, mapping is carried out with the respective COs for assessing the attainment level of the specific COs of the subject.

At the end of the semester /end of the academic year, the University conducts examinations which are used as indicators of attainment of COs. Two internal examinations are conducted per semester for B.tech and M.tech programs.

The achievement of final POs is determined using the cumulative marks technique and direct assessment methods. The institute has established a standard for calculating CO achievement for current programs as per the guidelines of the university. Each subject's CO and PO are connected. Continuous Assessment (CA) and Internal Assessment (IA) examinations are linked to the weighting of CO. For CO achievement, these marks are taken into consideration together with marks from university exams.

File Description	Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

The program's intended professional achievements are outlined in general terms in the Program Outcomes (PO). There are precise, quantifiable course outcomes for each course. Every course consists

of five units, each of which is typically related to a particular course outcome. Program outcomes, as well as program-specific objectives, are mapped to each course outcome.

Every course's attainment level for every course outcome is meticulously determined by the way students perform in internal and external exams. Therefore, the achievement of the course objective is the outcome of both direct and indirect evaluation. Since each course outcome is mapped with specific program outcomes and objectives, this aids in the process of arriving at the program outcome assessment. In addition, students' exit surveys are collected to facilitate an indirect evaluation of the program's results.

During the course outcome assessment process, **Twenty percent** comes from **indirect assessments**, while the remaining **eighty percent** comes from **direct assessments**.

Tools for Direct Assessment:

1. Internal and External Analysis of Theory
2. Tasks/Assignments
3. Daily assessment in the laboratory
4. Examining both internally and externally

Tools for Indirect Assessment:

1. Final Exam Survey
2. Input gathered from additional stakeholders

CO Evaluation Tables

Assessment Course Outcomes for Theory and Laboratory courses:

<table>
<tr><th colspan="2">Assessment Methods</th><th colspan="2">Weightage</th><th>Final Course outcomes</th></tr>
<tr><td rowspan="2">Direct Assessment</td><td>Continuous Internal Evaluation</td><td>25-30 %</td><td rowspan="2">80%</td><td rowspan="3"></td></tr>
<tr><td>Semester End Examinations</td><td>70%</td></tr>
<tr><td>Indirect Assessment</td><td>Course End Survey (Student exit survey and feedback from stakeholders)</td><td colspan="2">20%</td></tr>
</table>

PO Attainment:

All courses that contribute to PO are identified, and these courses are assessed using the Course Outcomes, which make use of both indirect (the Course/Program End Survey) and direct (the Internal and External Examinations) methods of assessment. The overall results of the PO assessments are compared with the expected attainment following the evaluation of the POs using both direct and indirect assessment tools. If the expected attainment level is met, the PO is deemed satisfied. The expected attainment level will then be raised in accordance with the advice of subject matter experts, and efforts will be made to meet a new target.

2.6.3

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

Response: 81.64

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
256	255	287	191	283

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
305	314	352	237	350

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

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.71

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: 0

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

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

File Description	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:

Priyadarshini Institute Of Technology & Science is located at Chintalapudi, Tenali. This college was established in 2007. The college has been offering B.Tech Courses (CIVIL, EEE, ME, ECE, CSE) along with PG(M.TECH, MBA) courses. The motive of the college is to make every student competent. In order to give the best educational facilities, the college introduced R&D Cells, IPR Cells and IQAC cells. These cells were established to give the best educational support during their graduation program.

1. RESEARCH & DEVELOPMENT CELL (R&D): The research at the college level is the first step to creating research activities among the youth. Therefore, The Research and Development Cell is established to promote research activities at Fabtech Technical Campus, College of Engineering and Research. The Cell's objective is to monitor research programs for Faculty, Students & Industries to undertake quality research activities.

The R&D Cell of the institution is pursuing a policy to support its faculty and students belonging to diverse disciplines of Engineering and Sciences so as to promote R&D activities and improve the quality

of work and sustainability.

2. INTELLECTUAL PROPERTY RIGHTS (IPR): The Intellectual Property Rights (IPR) cell provides training to the students. The training covers the application process for patents, trademarks, and copyrights. In order to give students a deeper understanding of intellectual property rights, the IPR cell actively organizes workshops, seminars, and training courses.

3. ENTREPRENEURSHIP DEVELOPMENT CELL (EDC): This cell was formed to Develop awareness of Entrepreneurship among Students& Develop the advanced skills of creativity and innovative thinking, The cell inspires students to take initiative and accept responsibilities to thrive in the challenging world to become Employment creators than seekers. It provides knowledge and mentors students for the identification and development of their innovative ideas. As per the interest of students, various seminars and workshops are organized in the college which helps to encourage the students as an entrepreneur.

4. INTERNAL QUALITY ASSURANCE CELL (IQAC): Priyadarshini Institute Of Technology & Science established this cell as per the recommendations of the National Assessment and Accreditation Council (NAAC). The cell focuses on quality teaching and innovative methods in order to improve student's abilities. The IQAC's objective is to acquire excellence in the academic and administrative endeavours of the institution.

The IQAC ensures the effective planning and implementation of quality initiatives at regular intervals which will undergo an audit process & generate reports. The main goal of IQAC improve academic standards from time to time. The IQAC will contribute towards adopting good practices and culture. The cell eventually monitors faculty performance and brings great opportunities to excel in their respective domain areas. All these practices produce the best students which helps for the development of society.

File Description	Document
Provide Link for Additional information	View Document

3.2.2

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

Response: 44

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
7	8	9	10	10

File Description	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: 0.13

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
12	14	2	1	1

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

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: 0.02

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
1	1	1	1	0

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

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:

Priyadarshini Institute Of Technology And Science has had an NSS unit since 2007, to develop the personality and character of the student youth through voluntary community service. The motto of NSS **"Not Me But You"**, reflects the essence of democratic living and upholds the need for selfless service. The philosophy of the NSS is a good doctrine in this motto, which underlines the belief that the welfare of an individual is ultimately dependent on the welfare of the society as a whole and therefore, the NSS volunteers identify the needs and problems of the community and involve them in problem-solving process.

We integrate these activities with the academic curriculum so as to bring the best opportunities to teach help, serve, and learn. There are many activities which are conducted as a part of NSS activities.

EXTENSION ACTIVITIES CARRIED OUT BY THE NSS UNIT AT PRIYADARSHINI INSTITUTE OF TECHNOLOGY & SCIENCE

1. Priyadarshini College conducted a Clean & Green program at the adopted village of Chintalapudi.
2. Blood Donation camp
3. Food distribution to poor families
4. Save water & Save Tree
5. Pulse Polio Awareness
6. Swachata hi Seva
7. Plantation Program
8. Awareness on Road safety
9. Disha App Awareness
10. Plantation Program
11. Awareness on Road safety
12. AIDS Awareness
13. Beti Bachao & Beti Padhao

IMPACT OF EXTENSION ACTIVITIES

The village adopted by Priyadarshini College helped the village people with various aspects like Clean and Green, Health and Hygiene for Primary School Children, Pulse Polio, and Distribution of Food.

We are proud enough to say that blood donation camps are organised in our college. These activities help to wipe off the scarcity of blood and ensure the availability of safe and quality blood and other blood components, round the clock and throughout the year at blood banks. This will lead to the alleviation of human suffering, even in the far-flung remote areas of the country**.**

The Beti Bachao & Beti Padhao programme was organized by our college NSS unit about the status of girl children. It is a government scheme launched by Prime Minister of India Narendra Modi This program creates awareness as well as improves the efficiency of welfare services for women and girl child. This program helps how to protect girls from gender imbalance and discrimination.

The Disha App Awareness Program for women was organized by our college NSS team at Chintalapudi village. DISHA APP is an initiative taken up by the state government for the safety of women. If the user does not have enough time to open the app, she can send a distress alert by just shaking the phone.

File Description	Document
Provide Link for Additional information	View Document

3.4.2

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

Response:

A Special NSS activites was organized by Priyadarshini Institute Of Technology & Science, Chintalapudi. Vote Registration Awareness Programme For New Voters, Anti-drug awareness programme, The Awareness Programme on Nutrition Programme For School Children, Covid Vaccine Awareness Programme, Distribution of Essential Goods For Poor Families, Distribution of Water and Buttermilk During Summer For Passengers, Awareness Programme wearing Helmet, Voluntary Blood Donation Camp, Programme on Save Trees & Save Water were carried out during the Special camp. Students and Staff took part in the one-day orientation program conducted by the NSS unit.

The voluntary blood donation camp was organized by the NNS unit of our college. Four doctors and six nurses from Tenali Govt hospitals offered their valuable services to the camp.

The Anti-drug Awareness Program campaign aimed at making students aware of the dangers involved in drug abuse and informing them about the harmful effects of new psychoactive drugs. Drugs are chemicals and substances that affect both your mind and your body. The prolonged use of drugs may lead to physical and/or psychological dependence.

COVID-19 vaccine awareness program at Chintalapudi village. This program creates awareness of the COVID-19 spread, and how to prevent from spread of coronavirus. For the prevention of corona, two types of vaccines are present i.e. Covaxin and Covishield. NSS volunteers explain the importance of covid-19 vaccine. It immunizes resistance against the coronavirus vaccine and saves lives from death. NSS coordinator, faculty and NSS volunteers participate in this program.

SAVE TREES & SAVE WATER programme was organized by our college NSS unit. It creates awareness regarding saving water and trees. Water is the basic necessity of life.it is an important element for living things and without water, no one can survive on this earth. Same as water the second component of which earth consists maximum is trees. The tree is a friend, the tree is a home, the tree is the source, tree is a medicine.

The Volunteers of the NSS Cell along with the NSS Programme Officers, students and faculty members of PITT, drive Helmet Awareness Rally. As a part of the program, all the students carried out the campaign using placards holding slogans and distributing pamphlets on the importance of wearing helmets.

APPRECIATION BY LIONS CLUBS INTERNATIONAL

Lions Club of International organized a blood donation campaign. Here we collected 30 to 40 units of blood. We were appreciated by the Lions Club of International which provided service to the society. The college received a certificate of appreciation from the Lions Club of International. The management was thanked and appreciated for motivating students and donating blood units for needy people.

File Description	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: 46

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	10	7	9

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

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: 3

File Description	Document
Institutional data in the prescribed format	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:

Education is the key to unlocking one's full potential. It requires hard work, dedication, and a focus on goals. PITS Engineering College is a beacon of hope in today's climate of social upheaval. It is a leading institution with highly qualified faculty members who provide instruction in a variety of subjects. The college is known for its academic excellence and its commitment to supporting and developing students.

The college has amassed an impressive and state-of-the-art infrastructure over the past 16 years. This infrastructure provides students with ample opportunities for intellectual, social, and cultural development. The college's management committee is committed to providing stakeholders with cutting-edge amenities. The college analyzes the IQAC's vision and goal statements, as well as the results of the SWOC study, and develops a plan of action to improve the physical facilities on campus. Annual feedback from all stakeholders is gathered, and necessary renovations and alterations are implemented to ensure that students have a suitable learning environment.

Here are some of the key features of the college's infrastructure:

- **Classrooms:** The College has 33 spacious, ventilated, and well-furnished classrooms. They are built as per the specifications prescribed by the AICTE and the affiliating university.
- **Laboratories:** The college has well-equipped laboratories in all the departments. These laboratories are well-maintained and are used not only for carrying out curriculum-oriented experiments but also for research activities.
- **Seminar Hall:** The college has adequate ICT-enabled seminar halls to organize conferences, seminars, and workshops for students and faculty members.
- **Spoken Tutorials:** The College has an MOU with an eminent team of trainers to conduct “Spoken Tutorials" on the campus. The college was identified as a "Knowledge Center" by the team to impart open-source technologies to the students of the college, as well as to the students of the neighbouring colleges in the region.
- In addition to these physical facilities, the college also offers a number of other amenities to its students, including:
    - A library with a large collection of books, journals, and other resources.
    - A computer centre with modern computers and software.
    - A sports complex with a variety of facilities, including a cricket ground, and a volleyball court. Kho Kho court, kabaddi court.

- Canteen
- Transport facility
- A Separate hostel for both boys and girls students with comfortable accommodation.
- A mess that provides nutritious and hygienic food.

- PITS Engineering College is committed to providing its students with the best possible educational experience. The college's state-of-the-art infrastructure, coupled with its dedicated faculty members and supportive environment, create an ideal setting for students to learn and grow.
- The college's student body is diverse, with students from all over India and the world. This diversity creates a vibrant and stimulating learning environment.
- The college's alumni network is strong and supportive. Alumni are always willing to help current students and graduates with their careers.

File Description	Document
Provide Link for Additional information	View Document

4.1.2

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

Response: 0

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

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

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

4.2 Library as a Learning Resource

4.2.1

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

Response:

Library is automated using the Integrated Library System (ILS):

Name of ILS software: Koha

Nature of automation: Full

Version : Koha(23.05)

Year of Automation: 2021 to till date

Features of ILS-Koha: Koha is a true enterprise-class ILS with comprehensive functionality including basic and advanced options. Koha includes modules for acquisitions, circulation, cataloging, serials management, authorities, flexible reporting, label printing, multi-format notices, offline circulation for when Internet access is not available, and much more. Koha will work for consortia of all sizes, multi-branch, and single-branch libraries.

Koha is built using library standards and protocols such as MARC 21, UNIMARC, z39.50, SRU/SW, SIP2, and SIP/NCIP, ensuring interoperability between Koha and other systems and technologies, while supporting existing workflows and tools.

Library of PITS Engineering College (PITS): PITS library comprises the library and Departmental libraries. The library of the PITS Engineering College is situated in the First floor of the Building, spreading over approximately 390.60 sq.m. The library is located and equipped with computers and a communication network and has a seating capacity of 100 readers and a visiting capacity of about 200 more. This is equipped with CCTV, with Wi-Fi connectivity. The library is fully automated with Koha library software (Koha 23.05) used for the Acquisition, Cataloging, Circulation, Procurement of books, Serial control modules and Web-OPAC, with barcode technology. The barcode ID and scanner are used for charging and discharging the books. The PITS library has a generous collection of Engineering & Management books, Reference, Humanities, Social Sciences and Career Guidance books (approx.15000 as of 14/06/2021), Scientific Journals etc . Separate stacking racks are maintained for books, journals, magazines and Newspapers.

Semester Issue facility: It is an additional facility provided to B. Tech and MBA & M.Tech students. They can retain books by renewal the same after every 2 weeks.

Digital Library: The Library of the Institute has a digital library section with 20 systems and a collection of e-journals from DELNET. The services provided by the digital library are available, at present, within the campus through the URL 172.20.0.50 IP-based access to DELNET is provided within the campus and also outside the campus through DELNET. (With User ID and Password). NPTEL lessons are accessible through LAN.

1. Online access to a variety of e-journals and e-books: Students can access a wide range of

academic resources from leading publishers, including Springer, Elsevier, Taylor & Francis, and Wiley.
2. Remote access to the library's collection: Students can access the library's collection from anywhere in the world, as long as they have a valid user ID and password.
3. E-learning resources: The digital library also offers a variety of e-learning resources, including tutorials, videos, and simulations.

File Description	Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1

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

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

Response:

The institution is committed to providing students with the latest technological advancements. The computer laboratories have been relocated to a new facility where they can be found under one roof. The laboratories at the new location include cutting-edge technology and a pleasant atmosphere. The institution regularly assesses IT requirements and takes the necessary actions. The campus has Wi-Fi access, and students and instructors are encouraged to use online learning materials.

1. All college systems are linked in a star topology with Optical Fibre cable and CAT 6 LAN at a speed of 1- GBPS.
2. Every department has wi-fi with individual and isolated bandwidth, as well as college mail IDs.
3. Every department has smart classrooms.
4. Technical help for their PCs or laptops benefits all students.
5. The computer laboratories are equipped with high-performance computers, high-speed internet, and a variety of software.
6. The laboratories are also equipped with multimedia projectors and other audiovisual equipment.
7. The laboratories are used for a variety of purposes, including teaching, research, and student projects.
8. The institution also has a dedicated IT team that is available to provide technical support to students and faculty.

Total Number Of Systems:

Total Systems	350

Internet Details: Excel leased line------50 MBPS

Total number of Printers:

S.No	Name of the Printer	Quantity
1	Laser Printers	18
2	Printer cum Scanners	04
3	Scanners	02
3	Colour Printers	01
4	Photocopiers	03

Wi-Fi: Wi-Fi-enabled campus. Certified by TP-link.

CC Camera Surveillance: The entire campus is under CC Camera surveillance with 120 cameras.

College's computing resources note: Since its foundation, the college has had its own network infrastructure. The laboratories are D-Link Certified and use the D-Link infrastructure for all internet facilities, including LAN and WAN.

Server Details:

S.No	Total No. of physical servers	Total No. of Server Applications
1.	1	1

S.No	Total No. of online servers	Total No. of Server Applications
1.	1	12

Software Details

1. System Software: 3

SOFTWARE:
Windows 10 Citz Professional with PC (Reboot PC)
MS Windows XP Prof Media Kit
Fedora 7

2. Application Software: 12

Name of the Software:
Tally ERP 9
MYSQL 7.0
Apache Tomcat 5.0
JDK 6.0
Weka Tool
C++ Compiler
Smart PSS (CC CAM Monitoring)
Any Desk (Remote Admin)
ETime Track Lite
MS-OFFICE std 2010
Autocad 2016

STAAD PRO V8i

File Description	Document
Provide Link for Additional information	View Document

4.3.2

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

Response: 4.36

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

Response: 350

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	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: 0

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
0	0	0	0	0

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for 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: 46.76

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
519	647	607	571	818

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	View Document
Institutional data in the prescribed format	View Document

5.1.2

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

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

Response: 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
Institutional data in the prescribed format	View Document

5.1.3

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

Response: 32.89

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
478	463	508	436	339

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: D. 1 of the above

File Description	Document
Proof for Implementation of guidelines of statutory/regulatory bodies	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: 25.63

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
109	112	96	74	85

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
416	418	376	289	358

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
Institutional data in the prescribed format	View Document

5.2.2

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

Response: 1.31

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
01	0	0	09	08

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1

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

Response: 3

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

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

File Description	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: 5.4

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
6	8	1	6	6

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:

Priyadarshini aims to shape budding engineers to be like Technophiles, Nominal leaders Entrepreneurs, Research scholars, National Competitors Global resource persons etc. where former and graduate students and post-graduates share their perspectives with their juniors and offer advice for improving academic straits, including the curriculum. The alumni association of Priyadarshini Institute of technology and Science started in the year 2007. It was started with the motive of bringing together all the Alumni and sharing the experiences they faced outside of the institution and also extending their helping hands from all aspects to the budding engineers of the college. PriyadarshiniAlumni Association organizes various technical workshops, guest lectures, and motivational seminars and guides students in their academic improvement.

Aims and Objectives of the Alumni

- To amalgamate all the outgoing students and the faculty of Priyadarshini Institute of technology and Science College to share their experiences with each other.
- To utilize the rich experiences of old students of the college for the benefit and improvement of the present pupil.
- To maintain and update the database of all the alumni of the college and to interact with them.
- To utilize the rich experiences of old students of the college for the benefit and progress of the present students.
- To provide guidance to the budding engineers in their endeavour for better employment and Research.
- To promote campus placements through alumni who are working in reputed industries in India and abroad.
- To get the valuable suggestions of the Alumni in the all-around development of the present graduates.
- To secure financial assistance to the needed alumni pupil pursuing higher studies based on merit and means.

File Description	Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The 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:

Priyadarshini Institute of Technology and Science was established in 2007 with a

Vision: Pioneering Professional Education through Quality.

Mission

1. Providing Quality Education through state-of-the-art infrastructure, laboratories and committed staff.
2. Moulding Students as proficient, competent, and socially responsible engineering personnel with ingenious intellect.
3. Involving faculty members and students in research and development works for the betterment of society.
4. The vision of the Institution is achieved by empowering both internal and external stakeholders.

The mission enables the students and staff to assess societal needs and work as a team to fulfil the requirements.

The mission statements reflect the institution’s distinctive characteristics of training students to face global challenges and venturing them into creative ideas through innovation activities for the development of products or processes to serve society with commitment.

Priyadarshini Institute of Technology and Science has an independent administrative structure with eminent personalities as governing body members.

Sri Chandu Rama Rao, Chairman, Priyadarshini Group of Institutions, Smt. Chandu Vijaya Lakshmi, Secretary, Priyadarshini Group of Institutions, Sri Chandu Rohit, Vice-Chairmen, Dr Y Srinivas Kishore Babu, Assistant Professor, UCEN, JNTUK, Sri CH Sambasiva Rao, Ex-Scientist, NASA and all other members of GOB actively participate in the scheduled Governing Body meetings and share their views and opinions contributing for the strategic growth of the institution.

The outcomes are –

- Enhancement of the intake from 300 (with five undergraduate engineering courses in 2007–08) to 1180 in 2022–23, with 6 undergraduate, and 5 postgraduate courses at present.
- Establishment of a self-sponsored NSS unit in 2010 and recognized by JNT UK, Kakinada.

- Proposed for construction of, 55000 Sq. ft. on the second & third floors in the new building for additional facilities like interdepartmental collaborative research and incubation centres, the upgrading of existing centres of excellence, and the establishment of new skill centres.

The principal is authorized by the GOB to make timely decisions for the smooth functioning of the institution and is supported by various committees, as mentioned below, for the effective functioning of the institution by giving every faculty member the opportunity to display their leadership qualities.

1. Exams / Time-table / Admission Committee
2. Training and Placement and Career Guidance Cell
3. Library Committee
4. Student Counselling Cell
5. Sports, Games and NCC Committee
6. NSS committee
7. Art, Literary, and Cultural Cell
8. Internal Training Committee
9. Industry Institute Partnership Cell
10. Entrepreneurship Development Cell
11. Public Relations, PRESS & Media, Committee
12. Alumni Coordination Committee
13. R&D and Consultancy
14. Professional Societies & Association
15. Electrical and Generator Maintenance Committee
16. Computers Network Maintenance/Website/ICT Committee
17. Ant Ragging
18. News Letter Coordination Committee
19. Students/Staff/Faculty Grievance Redressal Cell
20. Women Welfare/Sexual harassment eradication cell
21. General Maintenance Committee
22. Transport committee
23. Social welfare committee
24. Hostel Committee
25. Purchase Stores Committee
26. Right to Information Cell
27. Medical Committee
28. Canteen/ Housekeeping/Hygiene /Sanitation Committee
29. Internal Quality Assurance Cell
30. Department Assessment Committee Coordinator
31. OBC Cell
32. Committee for SC/ST
33. Minority Committee
34. Internal Complaint Cell
35. Green Committee

File Description	Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

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

Response:

Priyadarshini Institute of Technology & Science has been providing value-based education to produce competent and confident graduating engineers, equipped with a sense of responsibility towards society, ecology and the environment. The institute continuously strives to maintain an environment which enhances student's creativity, inculcates practical skills and nurtures their enterprising capabilities. It has been accomplished through continuous support and encouragement by the management to students for undertaking industrial-oriented, product-based projects.

A comprehensive Enterprise Resource Planning (ERP) system has been established to improve the efficiency and transparency of the academic, administrative, and financial operations of the Institution. The institution has been continuously improving its internal support systems through the recruitment and training of personnel for activities relevant to admissions, examinations, organizational infrastructure maintenance, website maintenance, IQAC, etc.

The institute is hosting an Industry Institute Interaction (III) cell to ensure collaboration with industries in the pursuit of making the budding Engineers industry-ready and augmenting the faculty research in a big way.

The institution maintains an alumni cell. Contribution of Alumni in the form of professional guidance to students, financial assistance, and offering internship and placement opportunities have influenced the Institute’s evolution and growth significantly. The organization cherishes its association with its alumni.

Since its inception, the institute has been committed to developing a clean and green campus. The existing Green Campus Committee consists of representatives from the students and faculty. Certain suggestions from the committee viz. use of renewable energy, implementation of solid waste and wastewater management systems and recycling efforts have been implemented to achieve the current green and pollution-free campus status.

The governing body of the Institution is the functional spearhead, which looks after the overall growth of the institution. In strict adherence to the policy guidelines received from the regulatory bodies viz. AICTE and the affiliating University, devise directives while taking into consideration the suggestions received from the College Academic Council, Department Advisory Boards, and other committees, e.g., the Staff Committee, etc. The governing body also reviews and passes the annual budget of the college.

The principal is the Chief Academic Administrator and ascertains smooth interaction between the management, staff and students and is solely responsible for the day-to-day administration of the institution in all aspects. He makes all sorts of financial decisions in consultation with the management. Heads of the departments are responsible for the functioning of their respective departments, as per the

policies of the institution.

The Administrative Officer looks after the day-to-day administration of the college and helps the principal implement the Institutional Policies, Strategies and complaints with the office. In addition to the College Academic Council, there are 33 other committees, like the student counselling cell, internal complaint committee, committee for SC/ST/OBC cell, etc., that address various aspects of Institutional governance and administration.

Every committee shall have a coordinator at the institutional level appointed by the principal and one faculty member from each department.

File Description	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: C. 2 of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	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:

Priyadarshini Institute of Technology and Science's administration has implemented a robust faculty performance appraisal system, evaluating educators on teaching effectiveness, research contributions, professional development, and institutional service. Employing a comprehensive approach, the system ensures continuous improvement, aligning faculty goals with institutional objectives to enhance educational quality and scholarly excellence.

Recognizing employees as pivotal stakeholders shaping organizational effectiveness in dynamic environments, the Priyadarshini Institute of Technology and Science Management has instituted diverse pecuniary and non-pecuniary welfare initiatives to enhance employee well-being and stability within the institution.

Pecuniary welfare schemes are.

1. Maternity Leave: Priyadarshini Institute of Technology and Science recognizes the importance of work-life balance and provides maternity leave by considering their service to support the well-being of their female employees during significant life events.

2. Sabbatical Leave for Pursuing Research: In fostering a culture of academic excellence, the institute grants sabbatical leave to faculty members by considering their service during that period and encouraging them to pursue dedicated research endeavours and contribute to the advancement of knowledge.

3. Discount Transportation Facility: Employees benefit from a discounted transportation facility, enhancing accessibility and convenience in commuting to and from the institute.

4. Financial Assistance for Conferences (National/International): The institution supports the professional development of its staff by providing financial assistance for attending conferences, both nationally and internationally, fostering knowledge exchange and networking.

5. Reimbursement of TA & DA Incurred Towards Attending FDP/Workshops/Seminars: The institute facilitates continuous learning by reimbursing travel and daily allowances for faculty attending workshops, seminars, and Faculty Development Programs (FDPs).

6. PF, ESI for teaching and non-teaching Staff: Prioritizing the welfare of teaching and non-teaching staff, the institute provides benefits such as the Provident Fund (PF) and Employee State Insurance (ESI), ensuring financial security and healthcare coverage.

7. Group Insurance for Staff Members: The institute underscores its commitment to staff well-being by offering group insurance coverage, providing a safety net for unforeseen circumstances, and enhancing the overall job security of its employees.

Priyadarshini Institute of Technology and Science prioritize the holistic professional development of its staff through a comprehensive range of non-pecuniary welfare initiatives, harmonizing with existing financial schemes.

The institute emphasizes continuous learning through technical workshops; ensuring educators stay current with syllabus advancements and emerging technologies. Active faculty development programs empower teachers with evolving pedagogical tools, while encouragement for industrial training and professional memberships enhances practical knowledge and networks.

Tailored training programs extend benefits to non-teaching staff, fortifying their skills. Faculty members are actively supported in pursuing qualification improvement, including dedicated time for coursework and research, especially for those undertaking PhDs. This encompassing approach underscores the institution's unwavering commitment to cultivating a dynamic and continually evolving professional

environment, affirming the value placed on the growth and well-being of its esteemed employees.

File Description	Document
Provide Link for Additional information	View Document

6.3.2

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

Response: 7.06

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
12	6	8	10	21

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	View Document

6.3.3

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

Response: 36.68

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
82	80	77	82	85

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
60	60	60	60	60

File Description	Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

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

Response:

The institute follows a very well-arranged procedure for the mobilization of funds and resources. The process includes different committees of the establishment along with the Department Heads and account officers. The organization has planned a few explicit standards for the use of funds and resource utilization.

In the mobilization of funds: the student Tuition fee is the major source of income for the institute.

The administration gives need-based advances to individual departments. Different government and non-government organizations support funds for workshops and seminars. Alumni meetings are conducted every year and motivate them to give technical support to their juniors. Alumni sponsor funds for the organization to buy things such as water coolers, wall clocks, etc.

For the smooth running of our organization, different committees have been formed; each committee studies its own field, analyzes requirements and then transfers them to the principal with planned expenses.

A finance committee has been formed to screen the usage of funds for different recurring and non-

recurring expenses. The purchase committee seeks quotations from vendors for the purchase of equipment, PCs, books, and so on. The quotations are examined by the purchase committee before a final decision is made in view of boundaries like evaluation, quality, and terms of administration. The principal and purchase committees, along with the records division, guarantee that the use exists in the financial plan.

Before the financial year begins, the Principal and Heads of Departments prepare the college budget. The institutional budget includes recurring expenses such as salary, electricity and web charges, as well as fixed and other upkeep costs. It includes planned expenses such as lab equipment purchases, furniture, and other advancement costs.

The budget is scrutinized and approved by the management and Governing Council. The accounts department and purchase department monitor whether expenses exceed the spending plan arrangement.

Statutory auditors are also appointed to certify the financial statements every financial year. The internal audit is conducted every year, and any deviations will be brought to the notice of the Principal and Management. The grants received by the college are also audited by certified auditors.

Optimal utilization of assets

- Travel grants can be sanctioned to personnel to present research papers at conferences in India or abroad, contingent upon the availability of funds.
- Compelling use of foundation is guaranteed through the arrangement of sufficient and very capable lab specialists and framework directors.
- The optimal utilization is ensured through encouraging innovative teaching and learning practices.
- The available physical infrastructure is optimally utilized beyond remedial classes, co-curricular activities, extracurricular activities, and parent-teacher meetings.
- Library functions beyond the college hours for the benefit of students, faculty, and alumni.
- The college infrastructure is utilized as an examination centre for Government examinations/University Examinations.

File Description	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:

Priyadarshini Institute of Technology and Science formed an Internal Quality Assurance Cell (IQ AC) on June 1, 2016. Earlier, the academic committee was taking care of all the roles and responsibilities of the IQ AC. The cell is coordinated by a team of faculty representatives from all the departments. IQAC coordinator and members ensure the academic and non-academic achievement of organizational goals and justify the Mission and Vision of the Institute. The IQ AC focuses on academic and administrative policies.

Academic Review: The college follows a mechanism of frequently reviewing the teaching and learning processes and learning outcomes. The Academic and Administrative Audit (AAA) evaluates the fulfilment of Institutional norms of planning, execution, evaluation, research, publication of papers, and conducting curricular and co-curricular activities. All the Departments in the college follow the institutional norms initiated by IQ AC, such as:

1. Submission of workload requirements for the coming session.
2. Distribution of timetable among faculty.
3. Analysis of Mid-marks and Annual examination results.
4. Identifying slow learners and conducting extra classes.
5. Conduction of classes for advanced learners.
6. Conduction of remedial classes.
7. Analysis of mid-exam and final examination results.

The above initiatives have been taken to strengthen academics and streamline the process of teaching and learning.

We are implementing a student mentor system. Every faculty adopts 20 to 25 students, and the faculty will act as guardians for the students. Students used to interact with the faculty for their necessities.

The following teaching-learning reforms were implemented by IQAC:

- The IQ AC initiates the adoption of student-centric learning through ICT and PowerPoint Presentation methods.
- Every semester, student used to go for Industrial visits to enhance their skills.
- NSS activities are carried out throughout the year.
- We have entered into MoUs with various companies.

Quality Initiatives taken in the last five Years

- Strategic planning and Academic Calendar for effective and timely teaching.
- Focus on experimental learning.
- Special classes for slow and advanced learners.
- Taking feedback from students for the delivery of lectures.
- Mentor-mentee system.
- Internal-Assessment mechanism.
- Abolition of ragging by introducing Anti Raging Committee.
- Promotion of research publications.
- Encouragement to participate in FDPs.
- Student’s representation in administration.
- Organization of FDPs.

- Organization of workshops/conferences.
- Alumni Association.
- Environment and green campus.
- Internal and external academic auditing.

File Description	Document
Provide Link for Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

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

Response: C. Any 2 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

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

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

Response:

The Institution Priyadarshini Institute of Technology & Science, Chintalapudi is committed to providing a safe, secure, harmonious learning and working environment for the students. The college provides opportunities for staff members and students to participate in learning opportunities that enable them to adopt good practices in maintaining gender equality. The college provides an inclusive learning environment for both genders. Gender equity refers to equal justice and fairness in the distribution of benefits and responsibilities between both men and women. The college inculcates fair and transparent procedures in student assessments, progression, attainment of awards and involvement in other activities. The concept recognizes that women and men have different needs and that these differences should be identified and addressed in a manner that rectifies the imbalance between the sexes. The college provides fair and accessible opportunities for the training and promotion of staff without gender discrimination. The workplace and educational gender equality and diversity policy applied to the selection, recruitment, promotion, management and safe working environment of our institution was established with the following objectives.

SCOPE OF THE POLICY

1. Safe and Secure working environment on campus.
2. Women Grievance Redressal Cell **(WGRC)** for disciplinary action.
3. To develop, and inculcate the leadership skills and organisational capabilities of female students.
4. Organising awareness and motivation programs towards gender equality in different sections of the society by organising seminars, workshops and special guest lectures.
5. To ensure equal opportunity for all women without any discrimination.

PITT celebrates various programs to promote and empower the female students and faculty with cultural, moral, healthcare and developmental skills. The College Management encourages and provides facilities to celebrate/organize such events in the college for the betterment of women faculty and girls students.

Safety and Security: PITT is well secured and surrounded by a strong boundary wall and well protected from external strangers entering the college premises. Security guards were appointed by the college management to work in three-shift duties, and are always available 24x7 days. Continuous monitoring of the campus is done through CC cameras to maintain safety and security to prevent any unappealing situation. The institute has active committees for the promotion of gender equity, like the Women Grievance Redressal Cell (WGRC), and Anti-Ragging Committees are accessible for the students to sustain their safety and security.

International Women's Day: Every year International Women's Day is celebrated on **8th March** for the promotion of gender equity. Eminent women from the government and social organizations are invited and seminars are arranged to enlighten, bringing awareness among the women community.

PITT is strictly against gender inequality and strongly supports women in each and every aspect that makes them progress in various fields of educational, social and cultural development.

File Description	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: C. 2 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	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

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:

Priyadarshini Institute of Technology & Science (PITS) conducts various programs to provide an inclusive environment to create awareness amongst the students and staff members about their social, cultural, economic, political and institutional rights. It is the culture of the institution to come up with initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. The institution conducts various events to enhance positive interaction among students of different cultural backgrounds. The college also organizes various cultural programs to celebrate the cultural diversity of India. Students from various regional and cultural backgrounds participate in such programs and present their regional or cultural folk songs and dances. The events include Wow Sports, Christmas Celebrations, and along with commemorative days like Independence Day, Republic Day, Teachers' Day and Engineers' Day We also are conducting student Clubs for Personality Development.

Every year NSS Cell conducts Special Camps in villages for NSS volunteers with a direction towards various social issues impacting the lives of the people. Many cultural activities are conducted to promote communal harmony in which students are involved with great enthusiasm. Irrespective of culture, religion, region, language and community, everyone in the college follows their respective code of conduct.

To inculcate the feeling of oneness among the student community, various practices and programs are conducted in the institution. The institution constituted the following committees as per the norms: Grievance Redressal Committee, Women's Grievance Redressal Committee, Anti-Ragging Committee, Entrepreneur Development Committee and R & D Committee & Library Committee for the well-being of students and staff in the institution. The functions of these committees are displayed on the website of the institution and information is being disseminated to the students through orientation and induction programs.

7.2 Best Practices

7.2.1

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

Response:

BEST PRACTICE-I

1. Title of the Practice: Setting up Organic Farming

2. Objectives: To Promote organic vegetable farming in villages and make the village self-sufficient in vegetable produce.

3. Context: Chhattisgarh is a consumer State for vegetables and fruits which depends on other states in India for some of these food products. The fruits and vegetables required by the state are received mainly from M.P. and U.P. Most often the vegetables arriving in the state are laden with hazardous chemical pesticides. This creates health problems in diverse forms. In this context, the NSS units of college can take up the mission of creating awareness about the harmful effects of consuming pesticide-laden vegetables and fruits and persuading the 5d/ some inn/2015 people who are interested in vegetable cultivation by setting up organic vegetable gardens in selected households.

4. Practice: The NSS volunteers can take up the initiative to set up vegetable gardens in BHUBHARATI with the expertise in put by the experts in Priyadarshini Institute of Technology & Science (PITT) who can also fund the project. Seeds required for setting up the gardens are provided by Y. BABARAO The NSS volunteers may assist in maintaining the gardens. Particular care can be taken to avoid the use of chemical fertilizers and pesticides.

5. Evidence of success: There can be innumerable requests from various people in the Panchayat to assist them in setting up such vegetable gardens in their homes.

6. Problems encountered: Initially, the villagers are reluctant to provide space for setting up the gardens. They will be doubtful about the quality of seeds, maintenance of the gardens and also about the expenses to be incurred. This list of best practices and innovations is not exhaustive but is an idea for the colleges to start some student-centric outreach and skill-creating approaches.

BEST PRACTICE -II

1. Title of the Practice: GREEN CAMPUS INITIATIVE

2. Objectives of the Practice: Priyadarshini Institute of Technology & Science has taken an initiative to create ‘Green Campuses’. The green environment in PITT includes supporting practices such as investment in renewable as rainwater harvesting and solid waste management.

3. Objectives:

1. To recharge groundwater by means of rainwater harvesting
2. To manage the solid waste by the use of vermicompost

4. The Context that required the initiation of the practice: Water in the ground is stored in the interstices (inter-particulate spaces) of the soil or rock that forms the earth. In rainwater harvesting, water is collected from rooftops and taken to the aquifers after necessary treatment. If it is not possible to charge the aquifers, the water can remain in the soil along with surface stormwater to improve the groundwater. Vermicomposting provides nutrients to the soil, increasing the soil’s ability to hold nutrients which are easily absorbable for the growth of plants. It improves the soil structure, aeration, and internal drainage of heavy clay soils, and also provides numerous beneficial bacteria.

5. The Practice:

Rainwater harvesting: There are two approaches to rainwater harvesting; storing of water for direct use and recharging of groundwater. Cities like Mumbai, need more attention to groundwater recharging. Therefore, at PITT, Church Gate campus, a plot with an area of 6000 sqm is paved and the slope is provided towards stormwater drainage. All the rooftop water and surface water are also directed in the same way.

Biodegradable solid, generated at PITT consists of dry leaves from plants, food wastage etc PITT uses vermicomposting for the management of biodegradable solid waste which is recycled into manures. PITT, in collaboration with **NAGAMALLESWARI SCRAP TRADERS Ltd.,** has constructed a vermicompost facility at the Juhu campus. This facility has helped in waste recycling as well as solid waste management.

6. Evidence of Success: Solid wastes are separated into organic waste and inorganic waste. Organic waste is used to make vermicompost and inorganic waste is disposed of at specified locations in the College campus in an appropriate manner. Composting pits have been created for food waste from the hostel mess and the canteen. The vermicomposting system has resulted in a cleaner campus, due to the effective management of solid waste.

7. Problems Encountered and Resources Required: PITT had grown a Chintalapudi. It could absorb pollution generated by vehicles both air as well as noise on the busy Vijayawada Road. It had the potential to play a crucial role in making the campus greener besides the entire community and ecosystem within a 2km radius. It would have helped sensitize the student community and general community at large about the environment and the need to go green. It requires manpower to maintain such initiatives. To sustain our green initiative of PITT, more financial resources and manpower would be required.

File Description	Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1

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

Response:

Placement Aptness Programme

Placement-based training plays a pivotal role in engineering education, offering students a unique opportunity to bridge the gap between theoretical knowledge and practical application.

The training increases the confidence and boosts the morale of the students, which further helps them to perform better.

Industries today make use of unique techniques during recruitment to make certain that those hired will meet its requirements. The Training & Placement Cell recognizes these techniques by interacting with the industry and prepares students for them.

Placement in the engineering college plays a vital role as it grooms the skills of the students in exploring the world of employment. This ensures that every capable student is offered optimal chances to get placed in top industries that participate in the placement program.

Priyadarshini Institute of Technology and Science (PITT) has a state-of-the-art Soft Skills Training Dept, which teaches prospective candidates about the vital soft skills that are necessary for them if they plan for long innings in the corporate world. Below, we are providing a list of soft skills we provide.

- English Grammar
- Aptitude Building
- Competitive Coding
- Interpersonal & Communication Skills
- Group Discussions
- Technical Interview Practices
- CV Writing Skills

Functions of Training and Placement Cell:

- To provide career guidance about avenues open after graduation. i.e. Higher education, placements or entrepreneurship
- To provide recruitment to students.
- To provide exposure to B.Tech pursuing students.
- To have good relations with the recruiters.
- Managing Recruiter's correspondence and feedback.
- Organizing Pre-Placement Training.
- Providing Training & Placement process awareness to first-year students.
- Planning and organizing various Placement drives on campus.
- Finding, informing and managing Pool Placements drives.
- To build the bridge between industry and academia.

At PITT, the Training and Placement Cell is crucial in linking students with potential employers and assisting them in finding employment following graduation. The cell is committed to giving students the information, tools, and support they need to realize their career aspirations.

This Institution provides all the facilities to learn Interview skills by conducting mock interviews. There are soft skills trainers, who help the students to learn soft skills for their employment purpose.

Further, 90 hours of technical skills training is given to all the students that making them perfect for cracking technical interview rounds in the campus interviews. In addition, 50 hours of Soft Skills training is given to all the students, it makes them mature and confident during their campus interviews and also creates a good impression among the HR people who visit our institute.

Communication Skills classes have been designed for first-year students and Soft Skills classes for second and third-year students. Weekly two hours for the Communication Skills and two hours for the Soft Skills are given in the class timetable itself. Apart from the internal trainers, external trainers are also used to give training for the students.

The Training & Placement cell organizes mock sessions for GD, HR Interview and Technical Interview. Our faculty members are utilized for the mock sessions. Besides, value-added courses offered by the respective departments on emerging technologies, we also encourage students to visit various industries pertaining to their disciplines so that they get the right exposure.

The students are assessed through various online testing methodologies so that the right set of students is channelled towards the right profile. Huge improvement has been witnessed in the personal and technical skills of the students after the pre-placement training. Also, massive difference is observed in their communication skills, their attitude in facing the interviews and confidence levels of individuals.

It is believed that making students in well-renowned companies is the real success of the college. It has been made possible in recent years by scheduling plenty of training programmes, conducting more numbers of assessments and bringing reputed companies to the campus.

As a result of all the plans and students' efforts, the college has a consistent placement of 60% of the eligible students.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Priyadarshini Institute of Technology & Science was established in the year 2007 by Indhira Education Society as self-financing with the noble intention of providing professional and higher education to the students. PITS campus is spread over a 10.05-acre lush green landscape. The institution is affiliated to JNTUK University, KAKINADA and approved by AICTE, New Delhi. The campus is equipped with all necessary facilities, including a hostel, a canteen, and a playground for outdoor and indoor sports. The institute invests in renewable energy sources, water harvesting, waste segregation, college buses for transportation, and other infrastructure improvements. The institution organises various enrichment programmes for students and staff in and outside of campus. By integrating the students in social activities through NCC &NSS units, the students receive excellent training in both professional and social areas. In addition to that, the institution has also organized various awareness programs on Technical and social issues in rural areas. The institute management is very attentive to employee and student comfort and safety. The PITS Old Student Alumni Association (PITS-OSAA) seeks to promote ongoing communication and a sense of community among the institute's former students. PITS-OSAA, making a significant positive difference in the support system, offering expertise, assistance in employability and mentorship. The teaching faculty participates in numerous research and development initiatives to keep their professional expertise up to date. This is demonstrated by the publication of several research papers in peer-reviewed Journal and Conference publications, Patent publications and by the writing of book chapters. With the assistance of all the stakeholders, the institution will continue to flourish in the Engineering profession by focusing on academic quality, a holistic approach, and social relevance.

Concluding Remarks :

Priyadarshini Institute of Technology & Science (PITS) follows the regulations and guidelines prescribed by JNTUK University, KAKINADA. The institution follows JNTUK's recommended course structure and syllabus for the B.Tech, M.Tech, and MBA programs. The admissions are processed as per the rules and regulations of Andhra Pradesh State Council of Higher Education (APSCHE) and the fee structure is as per the norms of the Admission and Fee Regulatory Committee (AFRC). The college has adopted the use of e-governance tools, for decentralization and participatory management which are essential elements of governance in the college. In the college different committees are working to ensure that today's events go off without a hitch. Activities outside the classroom are developed to enhance the curriculum and the general development of the students. The internal exam evaluation process is designed with efficient checks and regularly updated without any scope for bias during the evaluation process. The college has cutting-edge facilities, digital resources, classrooms, ICT Tools and teaching aids to deliver an excellent curriculum. The institution has various MOUs with other Engineering colleges, and industries and engages in cooperative activities to expose the students to practical aspects and contemporary research in the engineering profession to train the students according to industrial needs. The institute organizes a variety of activities to provide awareness of Indian Traditional Knowledge, the Constitution of India, Professional Ethics & Human Values, Environment and its protection, to mould the student as a perfect human being.

The institute actively involves several NCC & NSS activities and organises various awareness initiatives in surrounding rural communities to raise student understanding of social responsibility. Priyadarshini Institute Of Technology & Science Training & Placement cell is conducting personality and skill development programs to promote student’s overall growth as well as their professional development. Our dedicated, sincere and skilled

faculty is continually pursuing new areas of study in an effort to advance their knowledge and pass it on to aspiring Engineers. The institute is working very hard to lead the way in Technical education through research innovative activities. The institution has a well-defined vision and mission which is developed by taking periodic feedback from important stakeholders. The Priyadarshini Institute Of Technology & Science will always strive for educational excellence and be dedicated to providing technical education.

6.ANNEXURE

1.Metrics Level Deviations

<table>
<tr><td>Metric ID</td><td>Sub Questions and Answers before and after DVV Verification</td></tr>
<tr><td>1.2.1</td><td>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 :34
Remark : DVV has made the changes as per shared supporting document by HEI .</td></tr>
<tr><td>1.3.2</td><td>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 : 652
Answer after DVV Verification: 478

Remark : DVV has made the changes as per shared data template document excluding the duplicates .</td></tr>
<tr><td>2.1.2</td><td>Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)
Answer before DVV Verification:
<table>
<tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr>
<tr><td>211</td><td>272</td><td>242</td><td>339</td><td>273</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>167</td><td>234</td><td>198</td><td>286</td><td>224</td></tr>
</table>
2.1.2.2. Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years
Answer before DVV Verification:
<table>
<tr><td>2022-23</td><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td></tr>
<tr><td>480</td><td>480</td><td>448</td><td>456</td><td>456</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>480</td><td>480</td><td>448</td><td>456</td><td>456</td></tr>
</table></td></tr>
</table>

Remark : DVV has made the changes as per shared supporting document 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 :3
Remark : DVV has made the changes as per shared supporting document by HEI .

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
251.14	227.26	223.20	215.59	155.91

Answer After DVV Verification :

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

Remark : DVV has made the changes as per shared supporting document 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
353.86	148.28	80.46	105.02	129.49

Answer After DVV Verification :

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

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

5.1.3 **Percentage of students benefitted by guidance for competitive examinations and career**

counseling offered by the Institution during the last five years

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
876	849	831	676	614

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
478	463	508	436	339

Remark : DVV has made the changes as per shared data template document by HEI.

5.1.4 ***The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases***

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

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: D. 1 of the above
Remark : DVV has selected the D. 1 of the above as per shared supporting document 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
112	112	96	74	85

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
109	112	96	74	85

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
416	418	376	289	358

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
416	418	376	289	358

Remark : DVV has made the changes as per shared data template document 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
8	8	8	7	8

Answer After DVV Verification :

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

Remark : DVV has made the changes as per shared supporting document 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
8	8	1	8	8

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
6	8	1	6	6

Remark : DVV has made the changes as per shared data template document excluding the duplicates .

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

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

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: C. 2 of the above
Remark : DVV has selected the C. 2 of the above as per shared supporting document 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
40	38	36	39	41

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
12	6	8	10	21

Remark : DVV has made the changes as per shared supporting document 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
119	116	115	115	118

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
82	80	77	82	85

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

16	15	16	14	16

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
60	60	60	60	60

Remark : DVV has made changes by considering those teachers who participated in programs lasting 5 days or more. Additionally, each teacher is considered once per year by DVV. In 6.3.32- 60 for all the years as per document in IIQA.

6.5.2

Quality assurance initiatives of the institution include:

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

Answer before DVV Verification : A. Any 4 or more of the above
Answer After DVV Verification: C. Any 2 of the above

Remark : DVV has selected the C. Any 2 of the above as per shared supporting document sl no.1 and 3.

7.1.2

The Institution has facilities and initiatives for

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

Answer before DVV Verification : A. 4 or All of the above
Answer After DVV Verification: C. 2 of the above

Remark : DVV has selected the C. Any 2 of the above as per shared supporting document sl no.1 and 5.

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations