SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

JAYAPRAKASH NARAYAN COLLEGE OF ENGINEERING

DHARMAPUR, MAHABUBNAGAR
509001
www.jpnce.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

April 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Jayaprakash Narayan College of Engineering (JPNCE) was established in 1997 with the mission to nurture high-quality professionals. it imparts quality technical educational skills leading to employability fulfilling industrial needs. As a pioneer institute of technical education in the Telangana Rural region, JPNCE has continuously evolved over the past 25 Plus years to realize its vision of providing quality and value-based technical education.

The details of the campus and facilities are as follows:

1. It is located in 27.5 acre lush green environment, on Hyderbad Raichur Highway.
2. The institute is approved by AICTE and affiliated to JNTUH, Hyderabad.
3. Institute is currently running 6 UG and 2 PG programs, Viz Civil, CSE, ECE, EEE, Mech, AIML and DSC, MBA, with an intake of 330 in UG and 78 in PG. Our students have bagged 2 gold medals from JNTUH.
4. It has ISO 9001-2005 certification.
5. The academic blocks consist of spacious, well-ventilated lecture halls, fully equipped laboratories, computer centre, auditorium and seminar hall, gym, provision for outdoor sports, canteen, provision for ATM is the other facility that make a supportive learning environment.
6. Round the clock surveillance by CCTV and Security Guards.
7. The institute has an Internal Quality Assurance Cell (IQAC) which ensures implementation, sustenance and enhancement of quality education through Innovative TLPA system (Teaching-Learning Process and Assessment)
8. The institute associates with many professional bodies and encourages its students to do NPTEL,
9. MOOC and Coursera certifications. The faculty are motivated to participate in FDPs, workshops, Seminars and conferences to upgrade their learning skills.
10. The institute has a well established library. The institute is a member of DELNET, NDL and has INFLIBNET to access e-books.
11. The institute has strong support service systems like: student counseling, Training & Placement Cell, department associations, entire campus is Wi-Fi enabled and two roof top grid connected solar plants of generation capacity 200KWp.
12. The NSS and NCC of institute organize social activities to inculcate disciplined life and human values.
13. Our students represent University in sports competitions.
14. Seven institute buses facilitate student transport from local localities and nearby towns. The location is also connected with public transport system.
15. Tech utsav, a engg project exhibition and Khel Utsav, a sports event is conducted yearly.

With the involvement of all stakeholders JPNCE has articulated the college vision and mission through SWOC analysis. To realize the vision and mission the management has provided Infrastructure, facilities, resources and committed human resource.

Vision

To excel as one of the preferred technical institutes by achieving success through dynamic learning environment leading to socially responsible citizens.

Mission

M1. Students - Mould engineers capable of handling challenges both at professional & personal level thereby preparing them for life long learning.

M2. Faculty - Assist faculty, upgrade competencies & skills by inculcating professional values in the dynamically changing environment.

M3. Infrastructure - resources - Labs, Library, sports, co-curricular: Build advanced infrastructural capabilities contributing to students achieving success.

M4. Other stake holders – Industry, Parents, Community, management, alumni: Forge mutually beneficial relationships with government, industry, society, alumni & promote entrepreneurship.

M5. Teaching-learning - Cultivate innovative 'Teaching-Learning' environment with a student centric approach.

M6. Governance - Incorporate participative decision making with focus on transparent governance system.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Institute* brand name
2. Public confidence in JPNCE Institutions
3. Academics excellence – student performance
4. Discipline - Known
5. Ragging free campus
6. Committed, young & dynamic faculty, with good Placement team
7. Locational advantage with lesser distractions for study
8. Good relation between staff and students
9. Obedient and committed students - mouldable students
10. Informed & Dynamic principal
11. Branded PU College in the campus
12. Hostel within the campus
13. Student scholarship assistance
14. Innovative initiatives conducive for academic excellence

Institutional Weakness

1. Minimal exposure
2. Lack of Communication skills
3. Less Industry-Institute Interaction
4. Students more book centric and rote learning
5. Lack of media / Promotional activities
6. Staff attrition
7. No parent – teacher interaction
8. Lack of Support system like Staff Quarters
9. Poor Quality placements
10. Low research mindset and facility, activities
11. Poor of professionalism
12. No Accreditation
13. Number of conferences and workshops

Institutional Opportunity

1. Feeder schools and colleges
2. No stiff competition around
3. Low brand value few neighboring colleges
4. Pool campus
5. Adopting process in academics
6. Increase in GDP
7. JNTUH facilitation center

Institutional Challenge

1. Proactive engineering colleges in the vicinity
2. Better bus facility from other colleges
3. Change in educational policy

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

JPNCE ensures effective curriculum planning and delivery through a well-planned and documented process including Academic Calendar, value added courses and curriculum enrichment through socio professional content. A feedback mechanism is implemented to provide better learning environment.

This is described as follows:

1. The institute follows curriculum prescribed by the affiliating university.
2. JNTUH introduced Choice Based Credit System (CBCS) in 2017.
3. Institute defined PEOs for all programs and implemented along with COs, POs & PSOs.
4. The feedback from various stakeholders is collected and analyzed to provide better learning environment.

5. The curriculum gaps identified are submitted to the affiliating university for further action.
6. The institute prepares its Institute's Academic calendar in accordance with affiliating university Academic Calendar.
7. Subjects are allotted to teachers based on their competency.
8. The Course Plan (CP) and Course Laboratory Manual (CLM) are prepared as per OBE norms.
9. Traditional practice of 'chalk and talk' is generally used along with ICT and on-line platform, like NPTEL, MOOC, SWAYAM etc. for better student learning.
10. Additionally, teachers are encouraged to implement pedagogical innovations through presentations, assignments, group discussions, workshops, seminars and industry visits.
11. The faculty participate in setting of other university question papers.
12. Courses like Constitution of India, Environmental Science, Gender Sensitization, Human Values & Professional Ethics and IPRs are taught to students to sensitize towards society.
13. To bridge the gap between curriculum and industry, value added enrichment courses, seminars guest lectures and workshops are conducted regularly.
14. Course review meetings are conducted twice in a semester with Academic In-charge of the institute and other with HoD.
15. Students are encouraged to participate in various symposiums, workshops, seminars to improve their learning : knowledge, skill and attitude domain.

Teaching-learning and Evaluation

JPNCE has sufficient competent faculty to implement TLPA process through experiential, participative, PSM, ICT teaching tools to attain required Learning Outcomes to ensure satisfaction of all sections of students.

This approach is described as follows:

1. The admissions are based on EAMCET / ECET / PGECET / ICET examinations. The institute follows the rules and regulations of Telangana State Government to admit various categories of students.
2. The institute follows the evaluation process as per JNTUH.
3. The institute conducts special programs for advanced and slow learners considering the assessment of students based on internal and external exam performance.
4. The institute adopted various student centric methods like experiential learning, participative learning, problem-solving methodologies for enhancing the learning experiences of students.
5. To achieve effective learning objectives, the faculty adopt instructional methods such as ICT tools with LMS, on-line teaching, Seminars, Workshops, Conferences, Guest lectures, Industrial visits, Project Based learning, e-resources etc.
6. JPNCE encourages the students to participate in paper presentations, coding competitions etc. for enhancing creativity and innovation.
7. Counseling is regularly carried out to address students' psychological, emotional, and intellectual issues. Special attention is given to the under privileged students. Normally 20 students are assigned to a faculty.

Research, Innovations and Extension

JPNCE always strives towards improving the competency of the teachers by encouraging them for research and publications by providing financial support.

The institute encourages students to take-up internships, field projects etc. to get better exposure to industry needs. To meet this, institute has collaborated with many industries and MoUs were signed. Our students are encouraged to participate in outreach programs to sensitize on social issues.

The following initiatives are carried out:

Research

1. Research and Development Cell coordinates the research activities of all depts. in the institute.
2. The institute encourages the staff to publish research papers in peer reviewed, UGC approved journals and present papers in national and international conferences with financial support
3. Based on recent JNTUH circular, institute faculty members are eligible to supervise the research scholars in JNTUH.
4. Institute encourages faculty members to pursue their Ph.D in higher learning institutions. Some of the faculty members are awarded Ph.D and some more are currently pursuing in various disciplines.

Departments organize workshops, technical seminars, value added courses and industry oriented training programmes periodically to cope-up with the latest trends in technology and to encourage students towards research.

Outreach

1. The NCC and NSS units of the institute conduct extension activities like Swacha Bharath, Blood Donation, Tree plantation, national days, Yoga, traffic awareness and students participate in election duties, Ganesh nimajjan etc. which sensitize them to the social issues for holistic development.

MoU

1. The institute has collaborations with industries through MOUs for ease of interaction.
2. Industrial and site visits are arranged for students and faculty, which give hands on experience in their specialization.
3. As a part of curriculum, students work on mini projects in various industries to enhance their practical experience and encouraged to take-up internships.

Infrastructure and Learning Resources

To facilitate better learning environment adequate infrastructure is made available including ICT classrooms. Sports & cultural facilities are also provided. Required number of computers are made available for student learning. Institute allocates the required budget.

Besides books and magazines E-resources are also made available in the library. For ease of functioning, library automation system is set-up. To improve the utilization of library resources a special hour is included in the timetable.

All the available computers are connected to LAN with sufficient Internet b/w. Also Wifi connectivity is provided across the campus. The computers are updated along with required educational softwares.

All these updates are supported by budgetary allocation by the management.

These are supported by policies of the institute as listed below:

Infrastructure

1. The institute has adequate infrastructure and resources that cater to the needs of the students.
2. The classrooms are well-furnished, spacious with good ventilation and well illuminated.
3. Standby 125 KW generator, canteen and guest house are available
4. Indoor and out door sports facilities are provided
5. Wellness center is provided to students. Yoga is practiced
6. The Student Activity Center (SAC) helps in building efficient and competent behaviors in students.
7. RO mineral water plant with discharge capacity of 2000 liters per hour is also made available
8. ICT enabled classrooms, Wi-Fi facility, fully equipped labs, workshops, seminar halls, Auditorium are available

Learning Resources

1. Inst Provides active platform for learning Language Communication through online courses of NPTEL, SWAYAM, Coursera etc.
2. Library is automated and has a total collection of 64564 Volumes with 9957 titles and subscribes 6766 e-Journals, 95 National and 80 Intl journals. And access to DELNET, J-Gate and Nimbus, NDL, NPTEL videos, e-Shod Sindhu etc.
3. A Gate register is maintained to monitor the library resources utilization

IT facilities

1. 508 computers under LAN with internet connectivity supported by 110 KV UPS.
2. B/W is being upgraded to 1500 MBPS.
3. Educational softwares are made available in all depts.

Maintenance

1. Yearly budget is provided for maintenance of infrastructure and learning resources.

Student Support and Progression

JPNCE supports needy students with financial free-ship along with govt scholarship.

To make students competitive in their careers capacity building is addressed through skill enhancement and career counseling along with placement assistance and higher education guidance.

A proactive grievance cell addresses the issues of students and provides solutions.

To imbibe cultural values & sportsmanship, institute encourages students to participate in various activities.

A strong Alumni base supports the institute in activities like placement, training and financial assistance.

For students success and happiness we adopt the following steps:

1. Institute provides student with an ambience for holistic development.
2. The eligible students are benefited financially by the tuition fee reimbursement scheme offered by the Government. Management also provides fee concession to needy students.
3. The management encourages meritorious and economically backward students.
4. The induction program for the first year students is conducted as per AICTE guidelines to improve universal human values.
5. Teachers act as counselors to monitor the academic progress and personal behavior.
6. Class Review Committee meetings help in identifying and addressing the problems related to academics.
7. Assignments are prescribed, implemented and evaluated to help the students in academic progression.
8. Mid examinations are conducted and evaluated as per University norms. Remedial classes are conducted for slow learners.
9. Tutorial classes are conducted as per JNTUH.
10. TP cell provides career guidance, soft skills training and pre-placement guidance. It also gives practice in resume writing, group discussions, JAM, mock interviews, GD, Debates and Life skill awareness to help them face interviews.
11. Through the student forums of professional bodies like ASE, SESI, CSI, IETE, ISTE, IEI, the institute conducts activities like paper presentation, poster presentation, idea presentation, etc.
12. Incubation and Innovation activities are organized.
13. Department Student Associations also help in conducting expert lectures, seminars workshops, technical quiz etc.
14. The institution has a registered Alumni Association and Alumni meetings are organized.
15. The Women Protection Cell, Grievance Redressal Cell and the Anti-Ragging Committee of the institute help in maintaining a harmonious environment.

Governance, Leadership and Management

For effective governance the institute has developed a well defined Strategic Planning Process under the leadership of dynamic Principal. Vision and Mission of the institute & depts are articulated through SPP. For effective implementation various committees clear guidelines are defined. Service rules define guidelines and code of conduct for employees.

To encourage faculty for effective performance an appraisal system is conceived and developed. Appropriate award & reward process is proposed along with welfare measures for staff members.

Institute's main source of revenue is student fees and govt scholarship. Institute also mobilizes some revenue from other services which will meet the expenditure.

IQAC has implemented an effective & efficient monitoring system as per NAAC requirement.

Following are the steps taken for effective implementation

1. The institute has a very well-defined organizational structure which encourages decentralization and participative management.
2. The institute has a well defined strategic plan and deployment for short term and long term goals.

3. The Principal is the overall in-charge of all academic and administrative bodies.
4. The HoDs and in-charges of various sections support the Principal in implementation of academic, curricular and extra-curricular activities.
5. Faculty & students representation is made mandatory in all the Committees and meet as defined.
6. E-governance is implemented for the purpose of admissions, academics, examination branch, library etc.
7. Institute has evolved Institute Service Rules and implemented.
8. For Quality improvement, faculty are encouraged to attend / conduct FDPs, Workshops, Conferences and Seminars with financial assistance.
9. To inculcate research environment our faculty are encouraged to pursue their Ph.D.
10. For effective TLP implementation, professional communication skill programmes are conducted for the staff.
11. Institute follows a defined Performance Appraisal System for the staff.
12. The institute budget proposals are processed by finance committee and approved by BoG. The finance committee also monitors the expenditure from time-to-time.
13. External financial audit is conducted by a Chartered Accountant (CA) regularly.
14. Participating regularly in NIRF ranking.
15. The IQAC monitors the implementation of strategic plan periodically.

Institutional Values and Best Practices

Institute is committed to inculcate the ethical values. It adopts and implements the best practices to suit the changing national, global industry requirements and economic & social aspects.

The institute on its part undertakes the issues which address societal problems and making the students self reliant through industry exposure during course study.

Values and practices that have led to the improvement in quality of our student community are:

1. Organizing seminars and workshops on gender equity, women empowerment etc. to inculcate the value of respect for women in society.
2. Providing Barrier free and disabled friendly environment to differently abled persons.
3. Using LED lights to conserve energy.
4. Promoting the culture, heritage and the glorious past of the nation through national and religious festivals, like; Teachers' day, women's day, and engineers' day, birth and death anniversaries of great national leaders etc.
5. Implementing water conservation facilities like Rain water harvesting pits, recharge of borewell are available.
6. Plantation and landscape gardening to present a picturesque and naturalistic effect to the campus.
7. Organizing blood donation camps, helping the helpless, personal and community hygiene awareness programs etc. under the guidance of NCC and departmental associations.
8. Village adoption of nearby village Chowdarpally.
9. Meeting the furniture requirements of 2 nearby schools and village library (Vemula & Dharmapur)
10. Contributing to the development of local community through social & health awareness programs and to infuse the value of social responsibility.
11. The best practices are (i) Moulding the rural Talent into successful employable professionals through skill programs, (ii) Contribution to the society through the service based project and service motto

activities.

12. The institute is distinctive in the areas like i) Extending Insurance facilities to all Staff members - Welfare of the staff members ii) Finishing school - Job ready students, iii) Street cause - giving back to society.

13. NCC Cadets and student volunteers are encouraged to visit nearby villages, understand the issues and address societal needs thereby to make them socially responsible citizens.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	JAYAPRAKASH NARAYAN COLLEGE OF ENGINEERING
Address	Dharmapur, Mahabubnagar
City	Mahabubnagar
State	Telangana
Pin	509001
Website	www.jpnce.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Dr Sujeevan Kumar Agir	08542-8886680017	8886680017	-	principal.jpne@gmail.com
IQAC / CIQA coordinator	P. Ravinder Kumar	08542-8886680006	8886680021	-	ravinderpalem@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Telangana	Jawaharlal Nehru Technological University	View Document

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC		
12B of UGC		

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

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	03-07-2022	12	AICTE Extension of Approval

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	Dharmapur, Mahabubnagar	Rural	27.5	15648.66

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 Department	48	INTERMIDIATE OR DIPLOMA	English	60	8
UG	BTech,Electrical And Electronics Engineering	48	INTERMIDIATE OR DIPLOMA	English	60	3
UG	BTech,Mechanical Engineering	48	INTERMIDIATE OR DIPLOMA	English	30	0
UG	BTech,Electronics And Communication Engineering	48	INTERMIDIATE OR DIPLOMA	English	60	43
UG	BTech,Computer Science And Engineering	48	INTERMIDIATEINTERMIDIATE OR DIPLOMA	English	128	128
UG	BTech,Artificial Intelligence And Machine Learning	48	INTERMIDIATE OR DIPLOMA	English	30	19
PG	Mtech,Electronics And Communication Engineering	24	BTech or BE	English	18	3
PG	MBA,Master Of Business Administration	24	Any Degree	English	60	60

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				6				11				85
Recruited	6	0	0	6	7	4	0	11	51	34	0	85
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				56
Recruited	41	15	0	56
Yet to Recruit				0

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

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	5	0	0	1	0	0	3	0	0	9
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	6	4	0	47	32	0	89
UG	0	0	0	0	0	0	0	0	0	0

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

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

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

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	616	1	0	0	617
	Female	368	0	0	0	368
	Others	0	0	0	0	0
PG	Male	44	1	0	0	45
	Female	60	0	0	0	60
	Others	0	0	0	0	0
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

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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	16	8	16	12
	Female	12	5	6	9
	Others	0	0	0	0
ST	Male	9	9	6	15
	Female	6	1	5	4
	Others	0	0	0	0
OBC	Male	170	177	138	128
	Female	88	87	71	89
	Others	0	0	0	0
General	Male	32	29	29	36
	Female	31	27	23	47
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		364	343	294	340

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Jayaprakash Narayan College of Engineering is an affiliated college to JNTU Hyderbad, following the guidelines prescribed by the University. JNTUH has already implemented NEP 2020 from AY 2022-23. The university curriculum has prescribed Open electives and Minor degrees. Students are encouraged to take NPTEL, SWAYAM and MOOC online courses. Students are encouraged to opt for Open electives & Multidisciplinary.
2. Academic bank of credits (ABC):	Provisions of Academic Bank of Credit (ABC) proposed in NEP-2020 to facilitate multiple entries and exit points in the academic programs. This is an innovative idea to earn and deposit credit through

	National schemes like SWAYAM, NPTEL, V-Lab etc. Students will be able to earn credits from different learning sources and get the required credits to complete the program. JNTUH is in the process of implementing Academic Bank of Credits (ABC).
3. Skill development:	Our institution is an affiliated institution of JNTUH. Institution doesn't have power to prepare and implement its own curriculum. It has to follow the designed curriculum prescribed by the JNTUH. JPNCE enrolled its students in Telangana Academy for Skill & Knowledge programme (TASK). TASK is an initiative of the state government of Telangana. TASK was established in 2014 for skilling youth and creating synergy between institutions of Government, Industry and Academia with the objective of improving quality, relevance, access and Outreach training. It also facilitates entrepreneurial abilities and enhances industry linkage. Which are helpful after completing graduation and equips students with the required industry skills to make them industry-ready. The programme helps improve their Communication, team-Work and problem-solving and decision-making abilities.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Our institute is an affiliated college of JNTU Hyderabad and does not have power to make changes in the prescribed curriculum. As the university provides an opportunity to conduct Induction Programme for the first year students we take this chance to train students to have knowledge on Indian culture. We conduct several lectures by the eminent speakers to inculcate cultural integration among the students. Our teaching faculty also conduct seminars in 'Human Values & Professional Ethics'. We bring awareness among the students about cultural integrity and build healthy relationship among the students irrespective of caste, creed, religion and gender. Further it is expected to get specific initiations in new curriculum of JNTUH.
5. Focus on Outcome based education (OBE):	JNTUH has already implemented OBE from AY 2016. We are adopting OBE since 2017 academic year. R22 curriculum of JNTUH prescribes OBE and NEP. Our institution is making all efforts to further improve OBE implementation.
6. Distance education/online education:	JNTUH is not providing distance education as yet. We are affiliated institution of JNTUH. However

	during covid period all theory classes and few Labs were conducted in online mode.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	YES
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	YES
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.	1. Visited the nearby villages and conducted awareness program on voter registration, 2. Awareness on Casting votes without prejudice and bias mind and not becoming a victim to temptations.
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.	Special awareness drives are conducted in the villages regarding the enrollment of votes, electing the deserving representative without prejudice or bias.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	1. Students are given awareness on the importance of Registering as Voters. 2. The Awareness Program on "Voter Registration" is done on regular basis.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1148	1026	945	1100	1364

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

2 Teachers

2.1

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

Response: 246

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

2.2

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

2021-22	2020-21	2019-20	2018-19	2017-18
108	113	124	126	180

3 Institution

3.1

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

2021-22	2020-21	2019-20	2018-19	2017-18
313.323	110.489	181.263	226.176	259.845

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:

JPNCE adopts a well planned and systematic approach in Curriculum Planning, Delivery and Assessment as mentioned below:

1. Curriculum Planning and Delivery:

1. The Institute adheres to JNTUH curriculum and Academic Calendar which includes class work commencement, examinations, timetable and submission of midterm marks.
2. Institute prepares Academic Calendar by including the events on the campus along with the University calendar, departmental fests, FDPs, workshops, industry visits etc.
3. Each department creates timetables which are displayed on notice boards. Each faculty prepares teaching schedule and course file.
4. The workload of teachers is assigned based on their areas of expertise and experience.
5. The syllabus and teaching hours are mentioned in the teaching schedule.
6. The Institute takes care in delivering its curriculum, and it carefully records every step of the procedure.
7. The Academic Coordinator and the HoD assess syllabus coverage and other issues in Department Academic Committee (DAC).
8. Remedial classes are conducted for slow learners who perform poorly in first midterm exams.
9. Parent-Teacher meeting is conducted once in a semester.
10. A feedback system is in place for effective teaching learning and evaluation.
11. All experiments within and beyond curriculum are carried out by students.
12. Students perform experiments in each lab, which are recorded in the register.

2. Continuous Internal Assessment is done by the following methods as mentioned below:

1. Assignments and two mid - term exams are administered to the students in a semester to evaluate the students and which are prepared based on the Course Outcomes of Bloom's Taxonomy.
2. Two Midterm exams are held after 8 weeks and 16 weeks of instruction respectively. The students are continuously evaluated in theory subjects.
3. Course Outcomes, teaching schedule, assignments, and previous internal and external examination papers are all included in the course file.
4. The teaching schedule will be shared with the students at the beginning of the semester which includes the submission of assignments and Midterm exams schedule.
5. Major projects are evaluated through technical seminars in the final year, and the progress of the Major Project is constantly evaluated by the Project Monitoring Committee and award the marks based on this internal evaluation. An external examiner will conduct the Major Project viva-voce in accordance with the affiliating University norms.

6. According to the academic calendar, all the students are required to complete industrial oriented Mini-Project after completing their third year. At the culmination of the Mini Project, each student will be evaluated through an internal seminar and an external viva voce.

7. In the case of practical exams, each group of the students will be assigned a specific experiment /program in each lab, and their work will be assessed based on the outcomes of the experiment or program execution.

8. As part of continuous evaluation, students will be given two assignments in each course, one before each mid exam. These assignments will also carry marks.

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

1.2 Academic Flexibility

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

Response: 49

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

Other Upload Files	
1	[View Document](#)

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

Response: 83.88

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

2021-22	2020-21	2019-20	2018-19	2017-18
975	916	822	932	1038

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 considers the crosscutting issues very vital and help the students to understand the challenges and live in harmony. JNTUH has duly introduced the courses as part of curriculum and the institute is delivering them effectively. Students are trained to become responsible for themselves and to the society. Teachers use ICT enabled classes for effective delivery. NCC Cadets and NSS volunteers are also involved in aligning with the society, environment and understanding the issues.

1. Human Values and Professional Ethics

An engineering graduate is exposed to the value and importance of human values and professional ethics. He is also made to understand moral and ethical dilemmas while carrying out professional responsibilities. The course equips the learners with the strong foundation of values and ethics in the current conflict- and stress-filled professional and personal work environment. It also helps to develop a thorough grasp of the integrity and work ethics. Develop virtues like respect, tolerance, societal responsibility, and the ability to resolve disputes through reasoned discussion.

An effort to achieve balance in one's personal and professional existence are addressed in the following:

2. Gender Sensitization Lab: In this lab, students learn about the laws that require all workplaces to have gender equity policies in place. To guarantee full comprehension, the students are taught in two languages and using a variety of communication modalities. The pupils are familiar with the idea of feminism in terms of relationships, obligations, and gender identities. Through this course, students are successfully informed about the growing significance of gender equality.

3. Environmental Science: The importance of saving environment is critical than ever. Understanding this extreme need of citizen realization, the University included a compulsory paper on environment and sustainability to make the citizens of tomorrow realize their duties. This is done by giving them a complete understanding of our ecosystems, natural resources, biodiversity, biotic resources, pollution due to various

factors and its management and related Protection Policies.

4. Constitution of India Students must be aware of their own basic rights and muster the courage to speak out against any infringement on their social or personal rights. Students are inspired to learn about the constitution because it gives them a feeling of social empowerment and piques their interest in its significance.

5. Intellectual Property Rights: The purpose of this is to help students comprehend the various forms of intellectual property. List the international organisations that safeguard intellectual property and what they do for that purpose. Classify the organisations and agreements that deal with Copyright. Understand trademarks; acquire copyrights; and observe copyright laws. Be familiar with the patent procedure. Describe recent developments in international patent, copyright, and trademark legislation.

These course make students to:

- Understand the different types of Intellectual Property.
- List the International Organizations and their functions to protect Intellectual Property.
- Classify about the agencies and treaties related to IPR.
- Know trademarks, Acquisition of trademarks, Copyright law.
- Know Patent, Patent searching process.
- Explain the new International Developments in trademarks law, copyright law and patent law

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

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

Response: 66.2

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

Response: 760

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

1.4 Feedback System

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

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

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 81.15

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

2021-22	2020-21	2019-20	2018-19	2017-18
364	343	294	340	441

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

2021-22	2020-21	2019-20	2018-19	2017-18
408	408	360	450	570

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

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

Response: 78.97

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

2021-22	2020-21	2019-20	2018-19	2017-18
147	134	115	132	174

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

2021-22	2020-21	2019-20	2018-19	2017-18
182	171	146	170	220

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

2.2 Student Teacher Ratio

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

Response: 10.63

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:

To impart better learning experience, **t**he institution continuously keeps on adopting methods that are student-centric.

1. Experiential learning: In addition to theoretical knowledge, the institution strongly feels that the experiential learning is a necessary tool for all professional students. Some efforts in this direction are mentioned below:

- **Laboratory Sessions:** Students are given complete exposure to conduct experiments, write codes & execute them. After conducting the experiment, it is recorded.
- **Internships:** Students undergo internships in industries and various MNC's in both offline/online.

They gain practical experience.

- **Industrial Visits & Field Visits: S**tudents get exposure about how work is carried out in the industries. Technological advancements and trends in real-time situations are updated.
- **Industry oriented mini-projects:** Industry-oriented mini-projects are taken up to gain real-time experience.
- **Industry driven competitions:** Hackathons & Idea presentations help to showcase their creativity & talent.
- **Integrated Tools:** NPTEL- SWAYAM, Coursera, Code Tantra courses support to gain more technical knowledge and certifications. They also help for innovations.
- Through NDL various magazines, e-journals, publication papers, online books & course material can be accessed.

2. Participative learning: Institute encourages students to participate in various activities to upgrade their learning. The efforts made in this direction are mentioned below.

- **Workshops, Guest Lectures & Seminars:** They are informative and interactive.
- **Group Discussions & Debates:** Discussions & debates encourage the students to think out of the box.
- **Technical Presentation:** Technical Seminars & classroom seminars are conducted to inculcate collaborative as well as independent learning.
- **Project-Based Learning:** Students are encouraged to create projects that solve the existing real-world problems & give a feasible solution to that problem.
- **Collaborative learning:** Students from various branches collaborate in a group & participate in hackathons.
- **Alumni Interactions:** Interactions with alumni help students to get awareness about industry requirements, expectations, to enhance their job readiness through their achievements.
- **Professional Body Activities:** The institution conducts various activities under the auspices of professional bodies like ISTE, IEI, CSI, SAE, IETE, SESI etc. They help to update technical skills.
- **Hands-on training programs:** Various programming & Lab-based workshops are conducted wherein students get hands-on experience.
- **Assignments & Quizzes:** As part of continuous internal evaluation, quizzes are conducted on various subjects and assignments are also given. They help to revise the subject for better performance in the exams.
- **Department Association Activities:** Various departmental activities are conducted to promote learning and co-curricular activities to enhance confidence levels of students.
- **Department Level/Institute Level Fests/Events:** They help students to showcase their talents, improve leadership skills, organizing abilities and team building capacity. Help for overall personality development.
- **Student Clubs:** Clubs promote independent learning. Each department establishes clubs. They include sports club, photography club etc.

3. Problem solving methodologies: Tutorial classes & doubt-clearing sessions are conducted to enhance their problem solving skills. As the participants are limited, individual attention can be paid.

- **T&P** cell also conducts programs to improve problem solving skills for students along with their regular training activities.

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

2.4 Teacher Profile and Quality

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

Response: 100

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

2021-22	2020-21	2019-20	2018-19	2017-18
108	113	124	126	180

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

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

Response: 10.6

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**

2021-22	2020-21	2019-20	2018-19	2017-18
16	15	15	12	11

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	[View Document](#)

2.5 Evaluation Process and Reforms

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

Response:

JPNCE follows robust mechanism of internal and external assessment of the affiliating university which is transparent. The assessment takes place on a continuous basis. Students are communicated the examination schedule well in advance along with the assessment process. Grievances, if any will be addressed by the committee concerned. The institute implements the following procedure for assessment and grievance redressal:

1. Assessment process for Mid-term Examination, Assignments and laboratory work

- Students are given assignments at regular intervals. Mid-1 is conducted after the completion of 8 weeks and Mid-2 is conducted after the completion of 16 weeks. Evaluation is done based on their performance.
- The question papers for Mid-term examinations are prepared by the faculty concerned.
- Evaluated answer scripts are distributed to the students to maintain transparency.
- Necessary corrections will be made if any discrepancy is brought to the notice of the faculty.
- Parents are communicated the marks of their ward through SMS.
- Assignments are evaluated. After awarding the marks, they will be returned to the students.
- The scheme of evaluation is followed for theory and lab examinations as per the norms of the affiliating university.
- The lab faculty members verify the records on regular basis.
- Marks/grades scored by the students are recorded in the registers and grades are given in the lab records.
- External examiners are drafted from the JNTUH cluster to maintain standards.

2. Assessment process for Technical Seminars, Mini and Major Projects

- A robust and transparent system is adopted for the evaluation process in delivering technical seminars.
- After selecting the topic in the relevant area, the students have to present the seminar and the faculty members will evaluate.
- Students will take up industry oriented Mini Project / Internship after the completion of their third year and Major Project in final year. A faculty member will be allotted as guide, who will assess the students of the given batch.
- Before facing the external Viva-Voce, students have to give an internal seminar on Mini/Major Project at regular intervals.

3. Mechanism to deal with Internal/External Examination related grievances which is transparent, time-bound and efficient, the steps taken are:

- The institute follows an efficient and time bound system to address the grievances raised by the students in the internal and external examinations.

- Internal assessment is done as per the evaluation guidelines framed by the affiliating university.
- Students who were absent for internal examinations for genuine reasons or those who were not satisfied with the marks, can apply for Computer-Based Test conducted by the affiliating university.
- If any student is not satisfied with the marks awarded in the external examination, he/she can apply for recounting to the affiliating university within a week from the declaration of results through the examination branch of the institute.
- Students can apply for re-evaluation of their answer scripts within a week from the declaration of results, if they are not satisfied with the valuation process.

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

2.6 Student Performance and Learning Outcomes

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

Response:

The institution is making all the possible efforts to implement the Outcome-Based Education (OBE) and imparting education through student-centric approach. It has created awareness about the Outcome-Based Education by conducting workshops and expert lectures.

The understanding and implementation of COs and PSOs provide clarity and structure both to teachers and students. The Institute displays POs and COs of all the programs in the Institute website and at other prominent places in the institute and they are properly communicated to all the teachers and the students.

Course Outcomes (Cos) are direct statements that describe the essential and enduring disciplinary knowledge and abilities that students should possess and the depth of learning that is expected upon completion of a course

Keeping POs in view, subject teachers concerned have redefined the course outcomes using action verbs of various learning levels as suggested by Bloom's Taxonomy. There are a minimum of 5 and maximum of 6 CO's defined for every course of all programs of the institution. The COs are defined keeping in view POs and PSOs.

The Institute follows the POs as specified by National Board of Accreditation (NBA) which are given below:

Program Outcomes (POs):

PO1: Engineering knowledge.

PO2: Problem analysis.

PO3: Design/development of solutions.

PO4: Conduct investigations of complex problems.

PO5: Modern tool usage.

PO6: The engineer and society.

PO7: Environment and sustainability.

PO8: Ethics.

PO9: Individual and team work.

PO10: Communication.

PO11: Project Management and Finance.

PO12: Life-long learning.

Department Academic Committee (DAC) plays a major role in defining Program Specific Outcomes (PSOs) for individual programs. DAC frames the draft of PSOs and the same are modified as per the requirement.

Vision, Mission, PEOs, POs, PSOs and COs are disseminated among the teachers and students through the following ways:

- Institute Website: Vision and Mission of the institution.
- Central Library: Vision and Mission of the institution.
- Departmental Website: Vision and Mission of each department, POs, PSOs & PEOs
- Department Notice Boards: Vision and Mission, POs, PSOs & PEOs
- Institute Magazine: Vision and Mission of the institution.
- Departmental News Letters: Vision and Mission, POs, PSOs & PEOs
- Classrooms: Vision and Mission of both the institution and departments, POs and PSOs
- HOD and Faculty Rooms: Vision and Mission, POs and PSOs
- Department Library & at other prominent places: Vision and Mission, POs, PSOs & PEOs,
- Laboratories: Vision and Mission, POs, PSOs & PEOs, relevant COs
- Course Files: Vision and Mission, POs, PSOs & PEOs, relevant COs
- Lab Manuals: Vision and Mission, POs, PSOs & PEOs, relevant COs
- Lab Records: Vision and Mission, POs, PSOs & PEOs
- Parent-Teacher Meeting: Vision and Mission, POs, PSOs & PEOs will be communicated to the parents.
- Orientation Program: Vision and Mission, POs, PSOs & PEOs will be communicated to the first year students as well as to their parents.

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

2.6.2 *Attainment of POs and COs are evaluated.* **Explain with evidence in a maximum of 500 words**

Response:

Process of attainment of COs-POs, PSOs mapping.

The attainment of COs-POs, and PSOs is done by defining the appropriate COs for each course in the Undergraduate and Post graduate programs. A correlation is established between COs-POs, PSOs on the scale of 0 to 3.

1. indicates, low correlation
2. indicates, medium correlation
3. Indicates, high correlation

The matrix for COs-POs and PSOs is prepared for all courses in the program evaluation of COs-POs and PSOs attainment.

The mapping matrix of COs-POs and PSOs is prepared for all the courses and finally these matrices are merged to form a Program level CO-PO and PSO Matrix. The assessment methods used for evaluating the attainment level of COs with POs and PSOs are:

1. Direct Assessment
2. Indirect Assessment

a. Direct Assessment: Marks of consolidated mid (internal) examination, performance in laboratories and external examinations are considered.

CO Attainment is calculated based on the performance of the students using various assessment tools such as CIE and SEE.

Levels of attainment are decided upon the percentage of students in a program who have got greater than or equal to 80% in CIE and C grade is SEE.

The attainment level with respect to percentage of students' score greater than or equal to the target level is set in the given table:

% of students score greater than or equal to set target	CO attainment level	
80% and above	Level-3	
60%-79%	Level-2	
Less than 60%	Level-1	

The division of marks prescribed by the university and the weightage arrived at the attainment of COs are given in the table below:

Type Of Course	Internal Marks CIE	External Marks SEE	Total Marks	Final Attainment weightage	level
Theory Course	25	75	100	0.25 (Internal attainment) + 0.75 (External attainment)	
Laboratory Course	25	75	100	0.25 (Internal attainment) + 0.75 (External attainment)	
Seminar	100	-	100	CIE Level	
Industry Oriented Mini Project	-	100	-	SEE level	
Major Project	25	75	100	0.25 (Internal attainment) + 0.75 (External Attainment.	

CO attainment is calculated for the entire courses in a program and merged to calculate the POs & PSOs attainment.

b. Indirect Assessment: It is carried out by collecting surveys from students on rolls, employers, parents and alumni.

Final POs & PSOs attainment is calculated using the formula,

= (0.8 Direct Assessment) + (0.2 Indirect Assessment)

File Description	Document
Upload Additional information	View Document

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

Response: 90.41

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

2021-22	2020-21	2019-20	2018-19	2017-18
223	203	269	321	342

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

2021-22	2020-21	2019-20	2018-19	2017-18
296	223	282	337	364

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.93

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: 19.67

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)**

2021-22	2020-21	2019-20	2018-19	2017-18
7.10	2.95	1.60	5.48	2.54

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

3.2 Innovation Ecosystem

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

Response:

Innovation Ecosystem

The institute has created an environment to encourage both students and faculty to involve actively in research pursuits helping them grow with emerging technologies

1. Well equipped computer lab is one of the biggest assets of the college. Aptitude exams are conducted on a regular basis on this platform to help students crack competitive exams.
2. All the faculty and students are encouraged to get registered with MOOCs courses
3. Faculty are encouraged to take part in FDPs and workshops. Thisinturnwillbetransferredtostudentsthroughthe regular classroom teaching. They are also extended financial support for the same. Faculty are also given financial assistance for research publications and other related activities. Research scholars are given Research leaves to encourage them towards the completion. It is made mandatory for the faculty to register NPTEL course each semester and get the certifications done and are assisted financially. Students are motivated and supported in all aspects to take part in Paper Presentations hosted at different colleges
4. The Central library is well equipped with National/International Journals to enable the students and

staff to get awareness about the research trends. In addition to this, every department maintains a department library with additional reading material to enhance their knowledge

5. Industry visits are arranged on a regular basis to help students get a real time empirical experience
6. Alumni interactions are organized on a regular basis to help students get motivated. This also helps the alumni to help the college where they have learnt from.
7. Technical seminars are conducted periodicallyto help students enhance technical skills
8. Engineering is all about learning things practically. All the departments have well equipped laboratories enabling students to gain practical knowledge. The institution has well equipped computer labs to access online material
9. Guest lectures will be organized by eminent persons from industry and academia to transfer the knowledge and give awareness about latest trends and cutting edge technologies in industries to students
10. Students and faculty are encouraged to carry out innovative projects which are helpful to the society. The college also provides funds for the development of the same.
11. The college takes initiative in arranging guest lectures by Alumni Entrepreneurs. This helps students to get motivated in building their career towards Entrepreneurship
12. All the students are encouraged to take part in Telangana State Innovative Cell to pitch their ideas encouraging them towards entrepreneurship..
13. College tuition fee paid is returned to the students who secure university ranks
14. CREST, an acronym for Centre for Robotics and Embedded System Technologies, is a lab established for the benefit of the students which helps them acquainted with Projects related to Robotics.
15. TECHutsav, a college event which is hosted by the institution is organised to help students exhibit their prototypes to students of different schools and colleges.
16. College also hosts a yearly sports fest KHELutsav to encourage students towards sports.

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

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

Response: 51

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

2021-22	2020-21	2019-20	2018-19	2017-18
12	04	09	12	14

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

3.3 Research Publications and Awards

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

Response: 0.15

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

2021-22	2020-21	2019-20	2018-19	2017-18
5	8	06	06	12

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

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

Response: 0.02

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**

2021-22	2020-21	2019-20	2018-19	2017-18
03	00	00	01	01

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

3.4 Extension Activities

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

Response:

Extension Activities

The institute takes pride in implementing activities which involve sensitising people about social issues. It is a regular practice in the institute to carry out extension activities in the neighbourhood community. NCC wing plays a vital role in all the outreach programs. Student volunteers take initiate in reaching out people in the nearby villages to bring awareness about social issues and take up service activities

Following is the list of extension activities carried out by the NCC cadets and student volunteers

1. Blood donation camps are organized twice every year, on March 23(Shaheed Diwas) and October 11 (Birth anniversary of Sri Lok Nayak Jayaprakash Narayan ji)
2. Swachbharath is of one the initiatives which is taken up regularly in the surrounding villages sensitising village
3. As a part of Unnat Bharat Abhiyaan(UBA), the institution has adopted five villages nearby and has conducted Several awareness sessions on entrepreneurship which were supported by National Institute of Rural development. Self Help Groups of the adopted villages were also taken to NIRD Hyderabad and were given training on activities for self employment and entrepreneurship. Raithu Samagra Survey, which is also a part of UBA was conducted, where students of the college visited the adopted villages to conduct house-hold survey
4. Covid awareness sessions and vaccination drives were also conducted
5. Pulse polio awareness session was conducted to sensitize people about the importance of Polio vaccination
6. Kargil Diwas was organised as a part of NCC unit commemorating the sacrifices made by the martyrs of Kargil war
7. Fit India Movement, an initiative to sensitise people about the activities to be carried out to be physically fit
8. NCC wing also takes initiative to sensitise people about preferring clay Ganesh instead of POP. Clay Ganesh idols are distributed each year by the team for free
9. Creating awareness on ill effects of "the usage of plastic" by conducting rallies
10. Besides these, events like Voters' day, International Yoga day, Shramadanam, Women's day,

National Earth day, Haritha Haram etc are conducted on a regular basis.

11. The college also extends support in conducting mock tests on JEE, EAMCET and other competitive exams for creating awareness.

12. The college has also taken initiative to donate wheelchairs for the physically challenged

13. The college also has hosted an NCC camp where 700 cadets from different schools and inter colleges participated. They showed their heartfelt gratitude for the hospitality and the facilities.

Having been involved in these extension activities, students got sensitised towards social issues and responsibilities.

Impact of Holistic Development

All the above initiatives are carried out with a motto of making students realize their social responsibilities and their contribution in making a good society. Irrespective of the career they choose, all these practices have moulded their personality. It also has helped them realize the importance of time management, self confidence and discipline. It is also worth mentioning that students have got rid of the hesitancy to speak to new people which is one of the major constraints in their growth.

File Description	Document
Upload Additional information	View Document

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

Response:

JPNCE is at the forefront in taking up activities which fulfill social responsibilities. In recognition to the service activities rendered to the society, the institution has been awarded with the following:

1. Blood donation is one of the noble causes and JPNCE is right up there in serving this cause. College organizes blood donation camps twice a year where students, faculty, staff along with the Principal and Chairman donate blood. The college chairman Mr K S Ravi Kumar has received gold medals continuously for five years from honorable Governors for highest number of blood donations and enrollments for Youth Red Cross(YRC).

2. Our Associate NCC Officer Smt A Vanisree received certificate of commendation from the District Collector of Mahabubnagar Sri D Ronald Rose on 70th Republic day 2019 for her meritorious services

3. JPNCE is one of the very few colleges which has an NCC unit. It is part of 8 TN Battalion where students get trained. As part of training, regular parades are conducted on the campus. Apart from the parades, cadets take part in the special camps, adventure camps, National Integration Camps etc. They also take up clean and green, Swach Bharath and social service activities which include Pulse Polio awareness, Health awareness sessions, Shramadanam etc. Each year the cadets undergo training and get awarded with B and C certificates.

4. Startup India Telangana Yatra is one of the government schemes to encourage entrepreneurship and accelerate the startup ecosystem. As a part of that the expert team visited colleges and conducted

idea pitching sessions at college level. The best ideas were then selected and were made to present state level in hyderabad. Two of our students Bhanu Rekha and Shakeel Pasha have received Rs.25,000 cash prize for their innovative idea presented during the Grand Finale of "Startup India Telangana Yatra". Our faculty Dr.Sujeevan Kumar Agir also received Rs25,000 cash prize in the same event.

Our student Mr.Eshwar Chandra has received JNTUH Gold medal for standing as topper in BTech Civil engineering department.

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

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

Response: 39

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**

2021-22	2020-21	2019-20	2018-19	2017-18
10	01	7	13	8

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

3.5 Collaboration

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

Response: 17

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

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and other facilities for,

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

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

Response:

Infrastructure and other facilities:

Jayaprakash Narayan College of Engineering was established in 1997 and it is affiliated to JNTU, Hyderabad. The campus is spread across **27 acres 20 guntas** with a built-up area of **15648.66** sqm to meet the requirements of AICTE & JNTUH. JPNCE offers 6 UG and 2 PG programs and has adequate infrastructure like class rooms, Seminar Halls, Auditorium, library and equipment such as computers, hardware and laboratories are available.

The facilities details are given below :

1. TLP-Facilities:

The Institute has 26 classrooms for effective teaching-learning facilities in all the departments. There are 35 laboratories to meet the curriculum needs of JNTUH.The facility is provided to take up research and in-house projects for faculty and students. A separate Engineering Workshop with an area of 557.418 sqm is available and in addition, there are 2 drawing halls also available. The Institute has a Central Library located on the Third Floor with an area of 450 Sqm with a capacity of 300 available and the digital library is equipped with 30 PCs connected with LAN and Wi-Fi to stream NPTEL lectures and using e-Resources. It is kept open from 9:00 am to 6:00 pm on all working days.

2. IT Facilities:

S.No	Particulars of Equipment	No. of Units
01	Desktop Computers	441
02	Laboratories	35
03	Printers	36
04	Scanner	5
05	Projectors	27
06	CCTV(DVR)	8
07	Cameras	84
08	Routers	4
09	DVD (ROM)	4
10	Writers	4
11	Laptops	2

| 12 | UPS | 12 |
| 13 | Servers | 1 |

3. ICT facilities such as smart classes:

The Institute has adequate facilities for teaching learning methods like smart classes. There are 23 e-class rooms with internet facilities & LCD projectors etc. Faculty members use ICT facilities to give a better learning experience to the students.

4. Extra Curricular and Cultural Facilities:

The institute has two seminar halls well-furnished with all the infrastructure, projectors and Public Address Systems to conduct the various cultural activities of the college throughout the year, with a seating capacity of 100 and 200 respectively.

Facilities for indoor games and outdoor games are made available to the students and the staff. Many students have utilized these facilities & excelled by taking part in District and State Level tournaments.

Students are encouraged to take part in the International Yoga Day will be held every year in our college and are trained in yoga prior to the event in the college yoga centre.

A facility of an auditorium is available with a seating capacity of 700 members to organize various cultural activities of all the departments and a Gymnasium is also available with an area of 98.44 sqm to make our students and faculty physically fit and they can take part in all the activities of college.

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

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

Response: 34.45

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

2021-22	2020-21	2019-20	2018-19	2017-18
242.17	19.73	23.80	47.51	42.71

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

4.2 Library as a Learning Resource

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

Response:

The institute provides platform to enhance learning by providing wide range of resources, including textbooks, research articles, technical reports, e-resources and other material.

1. The physical Infrastructure:

The carpet area of the Central Library is 450 Sq. mt. with a seating capacity of 300 members in the Main Building 3rd Floor with good infrastructure and ambience. Books, newspapers, magazines and journals are available. Faculty Members make use of it for enriching themselves, thereby making it a rich source of knowledge.

The library contains the following:

No of Volumes	64,564
No of Titles	9,957
Reference Books	3,520
National Journals	95
International Journals	80
Project reports	274
CD's	1370
News Papers	8

2.Library Automation:

To access the library in easy and effective way, the institute has automated the operations using NEWGENLIB Software (Version: Helium 3.2 and NGL Core Engine Version: 3.2)

Library automation was done in March 2008 .

2.1 Features of NEWGENLIB Software

1. Allows to attachment of digital objects such as Full text in PDF or MS-WORD, Image Files, Sound Clips, Video Clips etc.
2. **OPAC** Module is an integral part of software offering.
3. Available in versions starting from Single library- Single user to Multi library- Multiuser.
4. Allows Multilingual data entry, Storage and Retrieval in Indian Languages

3. Subscription to e -Resources

The e-Library is equipped with 30 Desktops with IP:117.211.191.182 @ 70Mbps fast and seamless Internet access. Subscriptions are made to e-resources to make the students and staff access to e-journals, e-books, NPTEL, DELNET, J-Gate, YouTube, etc.

DELNET subscription is taken for accessing 1060 e-journals and 715 e-books and encourage resource sharing among member libraries by collecting, storing, and disseminating information.

J-Gate: The Institution has subscription for J-Gate. It is an electronic gateway to global e-journal literature. J-Gate provides seamless access to 5706 e- Journal articles which are available online.

National Digital Library India (NDL): The Institution is registered in NDLI club.

The subscription of National Digital Library (NDL) provides access to data base in the NDLI Club. Presentation of the courses and video lectures are made available for library subscribers.

e-Shodh Sindhu: The Institution has registered in e-Shodh Sindhu, e-Shodh Sindh   which offers access to more than 7,000 full-text journals.

KNIMBUS: The Institution has tied up with KNIMBUS. The best feature of KNIMBUS is, that it can be accessed through mobile, which helps the students and faculty enrich their learning and competence.

4.Book Bank Scheme:

The institution follows book bank scheme, through which textbooks are provided to   help economically and socially weaker sections. Books are collected and kept separately for SC/ST students.

5. Faculty and student footfalls:

A Gate Register is maintained in the library and users enter their details. The Register is kept at the entrance. The staff and the students enter their names at the time of entering and leaving the library.

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

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection *Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

Response:

IT facilities :

Today, it is essential for students to learn and master the latest technologies in order to be industry-ready. To meet this requirement, teachers are combining technology with traditional modes of instruction to engage students in long-term learning. The institute uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the teaching-learning process. The institute has good IT facilities for teaching, learning, and administration. It has spacious, fully equipped lecture halls. It provides the pupil-teachers with first-hand experience demonstration and practical skill development to handle with dexterity different equipment. SMART Classrooms are our tools for more effective and efficient teaching. Wi-Fi facility is made available to all the faculty members and students inside the campus.

Realizing the importance of technology in education, the institute has provided the latest, state-of-the-art IT infrastructure. The institute has purchased 204 computers in the last five years, bringing the total number of computers to 508. There are 36 printers as well as five scanners available in the institute. The number of LCD projectors has been increased to **27**. Computer LAN networking is available. CC cameras are fixed for effective monitoring for online exams. Five new UPSs were procured for the institute. 120 new hard disks (500GB each), 171 new motherboards, and 204 new sticks of RAM (2GB and 4GB) have been purchased in the last 5 years.

Internet bandwidth is frequently updated in different phases (**40** MBPS, **60** MBPS, and 70 MBPS), and at present the institute has 1500 MBPS to cater to the needs of the students and the faculty. To meet the requirements of the affiliating university, the institute purchases software for all the departments.

The following softwares are available in the institute at present:

Dev C++, JDK, Netbeans, Eclipse, My SQL, Star UML, Apache Tomcat Server, WAMP Server, WEKA, Open Office, Masm (Dos Box), Spyder, Pspice, INVENTOR, and Fusion 360. In addition to the above softwares, the institute also has access to the software provided by AICTE, like AUTOCAD, SCILAB, etc.

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

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

Response: 2.45

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

Response: 468

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

4.4 Maintenance of Campus Infrastructure

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

Response: 9.77

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

2021-22	2020-21	2019-20	2018-19	2017-18
21.01	18.59	21.24	24.73	21.01

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[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: 71.27

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**

2021-22	2020-21	2019-20	2018-19	2017-18
666	706	784	826	997

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

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

Response: A. All of the above

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

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: 56.26

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

2021-22	2020-21	2019-20	2018-19	2017-18
680	862	445	572	582

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

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

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

Response: A. All of the above

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

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: 70.47

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

2021-22	2020-21	2019-20	2018-19	2017-18
162	153	183	243	216

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

2021-22	2020-21	2019-20	2018-19	2017-18
223	203	269	321	342

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

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

Response: 16.89

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.)**

2021-22	2020-21	2019-20	2018-19	2017-18
20	10	13	20	0

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: 48

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

five years

2021-22	2020-21	2019-20	2018-19	2017-18
12	1	10	12	13

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: 32.8

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

2021-22	2020-21	2019-20	2018-19	2017-18
33	17	39	43	32

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

5.4 Alumni Engagement

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

Response:

Alumni Association of JPNCE is a registered society under government of Andhra Pradesh on 12th April 2007 under Andhra Pradesh society's registration act 2001AD (act no 35 of 2001). It was named as Jayaprakash Narayan College of Engineering Alumni Association. The alumni association of the institute and its members are in regular contact, to know the developments from both the sides. It is a regular practice of the association to invite alumni to the institute/department and organize interaction sessions with the present students, to give them awareness about the latest trends inthe industry; both core as well as

software and suggest the current students how to become industry ready. Alumni are also invited for delivering guest lectures, to fill the curricular gaps based on their areas of expertise. Alumni of the institute are also contributing by way of giving their valuable feedback in the formation/ modifications of the vision, mission of their parent department. Alumni representation is there in important and decision making committee of the institute i.e. Internal Quality Assurance Cell (IQAC). The Association also arranges motivational lectures to the students by the alumni entrepreneurs, through Entrepreneurship Development Cell (EDC).

Guidance for Higher Education:

The Alumni, pursuing their higher studies in various universities across the world, share their experiences and help the students in choosing specialization for higher education. The Alumni guide students appearing for GATE, PGECET, GRE, TOEFL, IELTS and other competitive exams.

Guidance on Placements:

Our Alumni are placed in various reputed organizations like TCS, INFOSYS, WIPRO, HCL and many reputed organizations. They help the students to prepare for placements by giving suggestions on improving articulation and soft skills. They share their valuable experiences at work, so that students get accustomed to different work environments and learn standards of work and ethics.

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

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

Vision

To excel as one of the preferred technical institutes by achieving success through dynamic learning environment leading to socially responsible citizens

Mission

- **Students -** Mould engineers capable of handling challenges both at professional & personal level thereby preparing them for life long learning
- **Faculty -** Assist faculty, upgrade competencies & skills by inculcating professional values in the dynamically changing environment
- **Infrastructure - resources -** Labs, Library, sports, co-curricular: Build advanced infrastructural capabilities contributing to students achieving success**.**
- **Other stake holders –** Industry, Parents, Community, management, alumni: Forge mutually beneficial relationships with government, industry, society, alumni & promote entrepreneurship
- **Teaching-learning -** Cultivate innovative 'Teaching-Learning' environment with a student centric approach.
- **Governance -** Incorporate participative decision making with focus on transparent governance system.

JPNCE established in 1997 with the mission to nurture high-quality professionals. it imparts quality technical educational skills leading to industrial needs. As a pioneer institute of technical education in the Rural region, We has continuously evolved over the past 25 Plus years to realize its vision of providing quality and value-based technical education.

1. Institutional Committees:

To ensure efficient academic and administrative activities, JPNCE has formulated various committees that empower staff and promote participative management. competent faculty are involved in decision-making bodies such as the Board of Governors and IQAC, while other staff are part of committees

Internal Quality Assurance Cell(IQAC): To initialize the Quality Assurance and Teaching Learning Processes, IQAC was established as per the norms. The institution checks the Quality Assurance with the help of the following committees:

1. Institution Academic Council (IAC)
2. Entrepreneurship Development Committee(EDC)

3. Research and Development Committee (R & D)
4. Alumni Committee
5. Career Guidance Committee (CGC)
6. Training and Placement Cell (T&P)
7. National Cadet Corps (NCC)
8. Internal Complaint Committee
9. Grievance Redressal Committee
10. Institute Industry Committee
11. Anti Ragging Committee - Contact Nos.8886680010 / 17
12. Library Committee
13. Academic and Administrative Audit,etc

All these committees function under the guidance of the Principal. Institute Quality Assurance Cell gives suggestions to fill the gaps identified in the academic audit. Accordingly, the departments take actions and it has resulted reasonable improvement. It fulfils in all the parameters.

The Principal monitors Academic and Administrative matters. The HODs, Coordinators and in-charges provide academic support to the Principal. Establishment Section Assists the Principal in the Administrative Activities. Training and Placement Cell conducts training in skill development and provides placement assistance. Examination Cell the conduct the internal and external examinations.

2. Decentralization - Case study

The institute facilities are designed to equip students with the latest knowledge and skills in line with industry demands. It is committed to creating socially responsible and ethically conscious engineers who excel in their endeavours through practical and project-based learning, Industry-Institute Interaction, and other activities such as debates and group discussions.

To realize its vision of providing quality technical education, Institute encourages faculty and staff to upgrade their qualifications and participate in various developmental activities such as FDPs / Workshops / Conferences / Webinars. The IQAC and IAC continuously monitor the teaching-learning process to enhance student learning.

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

6.2 Strategy Development and Deployment

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

Response:

The Organizational structure is defined in accordance with rules of the AICTE and JNTU, Hyderabad.

Institute has an effective administrative set up supported by organization policies to support academic environment. The Service Rules are clearly defined with implementation procedures. All these will make the functioning of the institution more effective and efficient. These are defined as follows:

1. Board of Governors (BOG):

Jayaprakash Narayan College Of Engineering has its own Governing Body headed by the Chairman, supported by Member Secretary, university nominee, Industrialist, and other members. The Policies and Procedures on Academic matters are taken care by Institute Academic Committee(IAC) Comprising Chairman who is the Principal and all the Heads of the Departments, Industry and University Nominees as members. Each Department in the Institute is headed by the Head of the Department who works under the guidance of the Principal.

2. Institutional Committees:

The Institute Quality Assurance Cell IAC), Industry Institution Interaction Committee(IIIC), Entrepreneurship Development Committee(EDC), Research and Development Cell(R&D), Training and Placement Committee(TPC), Library Committee, etc. have been functioning in the institute level involving faculty and students for smooth functioning of the institution. All these committees function under the guidance of the Principal. At the end of every Academic year, an Academic Audit is carried out. The Assessment is made on the basis of attainment levels. Based on the Academic Audit Report received from different departments. Institute Quality Assurance Cell gives suggestions to fill the gaps identified in the academic audit. Accordingly, the departments take actions and it has resulted reasonable improvement. It fulfils in all the parameters.

- The Principal monitors the Academic and Administrative matters. The Heads of the Departments (HODs), Coordinators and in-charges provide academic support to the Principal. Establishment Section Assists the Principal in the Administrative Activities. Training and Placement Cell conducts training in skill development and provides placement assistance. Examination Cell the conduct the internal and external examinations.
- Library Committee discusses and procures books/journals etc. The Librarian performs all activities related to Library
- Research and Development Cell motivates the faculty members about all innovative projects for R&D activities in the area of their specialization and helps their professional growth.
- Entrepreneurship and Development Committee(EDC) conducts interactive session trainings between the industry and the Academia/students.

3. Institutional Strategic / Perspective / Development Plan :

As per requirement of the Institute's Strategic plan of securing ISO certification and Doctoral degrees is a proof of functioning of institutional bodies in effective manner. The manual of Strategic Plan and Development of Jayaprakash Narayan College of Engineering is prepared as per the State Government and AICTE norms and it is approved by Board of Governors(BOG).

4. Appointment And Service Rules, Procedures:

An Administrative Manual is in place for the employees of the institute. The institute Manual details the Duties and Responsibilities of various categories of employees working in the Institute. Leave rules,

Qualification for Recruitment and scales of pay of (various categories of employees working in the institute) and promotion policy are incorporated.

File Description	Document
Institutional perspective Plan and deployment documents on the website	View Document

6.2.2 *Institution implements e-governance in its operations*

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	View Document
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document

6.3 Faculty Empowerment Strategies

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

Response:

1. Appraisal System

An appraisal system is in place to identify and award performers among staff. The institute evaluates the performance of the faculty based on self-appraisal, confidential remarks of HoDs and students' feedback.

Every year faculty are given a self-assessment questionnaire, consisting three parts

  1. Professional details
  2. Self-Assessment Report
  3. Assessment by HoD

2. Teaching Performance :

Faculty with one year service are assessed on their performance in part-II, Based on student Feedback, each faculty has 50 marks converted to grade points.

Grade point= (Total Grade Marks/50)*10

3. Self-Assessment:

Self-appraisal forms are submitted to HoD and evaluated in 13 different Questions.

1. Course taught in each semester pass percentage 15M
2. Project guidance (UG, PG & PhD)- 15M
3. TLP Theory/Laboratory/Project - 5M
4. Contribution to corporate life of the departmen 5M
5. Research papers publications- 10M
6. Contribution in Laboratory/Course Development/Preparation of lab manuals- 5M
7. FDPs / STTPs/ Refresher/ Workshops / Conference organized/attended- 10M
8. Material referred for teaching learning process- 10M
9. CEP attended- 5M
10. PSM membership- 5M
11. Leaves accumulation- 5M
12. Observations, Recommendations of HOD- 5M
13. Student feedback score-5M

4. Academic performance:

Based on student feedback on faculty, performance of courses in Academic section on a 5 point scale (1-poor, 2-Average, 3- Good, 4- very Good, 5- Excellent) are assessed by HoD.

5. Student Feedback:

The feedback on TLP is recorded at the end of semester. 70 to 80 percentages of students in class are involved in the process, It consists 10 questions and issued at end of semester to students. They are asked to grade each question on the scale of 1-5 points (1- Poor, 2- Average, 3- Good, 4- Very Good, 5- Excellent)

5.1 Scale Rating:

The total grade marks 50, are converted to grade points (10 point scale).

5.2 Classification of faculty based on assessment:

Rating Scale on 10 Points Scale is calculated as (grade marks/50)*10

- Minimum Expected   :   6
- Good   :   7 to 8
- Very Good   :   8.1 to 9

- Excellent : 9.1 to 10

5.3 Classification of Faculty based on Assessment of Category grade point rating

- Category A : 8.1 to 10
- Category B : 6 to 8.0
- Category C : <6

5.4 Action Taken: Faculty obtaining below the minimum expected scale is initially counseled by HoD and Principal. If it continues to be poor, he/she has to provide written explanation to the principal.

5.5 Impact:

The appraisal system has led to consistent results, and continuous improvement in attainment of POs, placements and publications.

6. Non-Teaching Performance Appraisal:

A committee headed by college office, establishment section Assistant Registrar evaluates performance of non-teaching staff through annual confidential reports collected from respective HoD.

- Staff evaluated on various parameters like skill, work attitude, courtesy, punctuality and discipline etc.
- Employee efficiency is graded on 5 point scales.

7. Welfare measures for teaching and non-teaching staff

- Fee concession for children of Teaching and Non-teaching staff is provided.
- Research leaves for faculty pursuing PH'Ds are provided.
- Group health insurance with 5,00,000/- coverage is provided.
- Free transport for staff
- Maternity leave for eligible women.
- Subsidized accommodation for staff.

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

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

Response: 57.3

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

2021-22	2020-21	2019-20	2018-19	2017-18
70	61	72	74	96

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

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

Response: 37.73

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**

2021-22	2020-21	2019-20	2018-19	2017-18
56	59	70	87	100

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

2021-22	2020-21	2019-20	2018-19	2017-18
67	67	67	67	67

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document

6.4 Financial Management and Resource Mobilization

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

Response:

1. Institutional Strategies for Mobilization of Funds:

Ours is a self-financing institution, funds are mainly received through tuition fees paid by students, fee reimbursement by government and other agencies such as TATA Consultancy Services, Tech Mahindra etc. Some Revenue generated from online examinations conducted in the institute. The details are as given below

1.1 Financial Resource Mobilization Policy:

- **Domestic student fee:** Student fee is fixed by TAFRC and collected from students before commencement of every academic year and scholarships are also provided for eligible students.
- **Revenue from Consultancy:** Revenue from consultancy service generated by providing Infrastructure as service, projects like testing of soil quality for construction etc. Despite locational disadvantage, institution collaborates with various local bodies and examination conducting agencies.
- **Industry and Alumni support:** Alumni funds used for development of infrastructure and placement
- **Research Grants:** The revenue generated through consultancy is spent upon encouraging students and faculty to develop and execute innovative projects. The staff/ Students are invited to submit proposals for funding to the Principal through HODs at the beginning of the academic year.

2. Strategies for optimal resource utilization/ Expenditure:

- Institute website is developed and maintained by faculty-student team
- Preventive measures for maintenance by in-house personnel and through AMCs to avoid breakdown of costly equipment.

- Group Health Insurance and accident coverage for all staff and students.
- Specialized expertise of University on software developed and digital lecture content shared on payment basis with other institutes.
- "Make or buy" decisions to optimize cost and revenue spent on furniture, electricity, software etc.

3. Institution conducts internal and external financial audits regularly:

The Principal of the college is the disbursement officer for payment of salaries, infrastructure augmentation and provides Academic facilities etc. The Financial Committee of the college reviews the internal and external financial audit procedures. The finance committee was constituted to estimate the revenue from various sources and to examine budgetary requirements of various departments for the financial year.

3.1. Internal Audit:

The following audit areas come under Internal Audit Committee.

1. Audit of maintenance of Account books, financial transactions and accounts in the account section.
2. Examine the Physical verification of materials in the department and Library.

3.2. The mechanisms for settling audit observations:

- Minor corrections in book keeping are settled by the finance department during the audit process to the satisfaction of auditors.
- Observations of auditors on minor issues like settlement of advances are resolved by the Finance Officer before the next internal audit by procuring the required bills.
- Any major observations of the auditors are brought to the notice of the Chairman and Finance Committee.

3.3. External Audit:

The ICAI certified audit firm PENUMARTHI & Co., Chartered Accountants, headed by sri. K. Rajendra Singh is the External Chartered Accountant which audits the financial statements and submits annual financial reports. At the end of every financial year, they certify the final accounts of the institution such as income and expenditure statement, balance sheet.

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

6.5 Internal Quality Assurance System

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

Response:

To initialize the Quality Assurance and Teaching Learning Processes,Internal Quality Assurance Cell (IQAC) was established as per the norms. The institution checks the Quality Assurance with the help of the following committees:

- Institution Academic Council (IAC)
- Department Academic Committee (DAC)
- Entrepreneurship Development Committee(EDC)
- Research and Development Committee (R & D)
- Alumni Committee
- Career Guidance Committee (CGC)
- Training and Placement Committee (T&P)
- National Cadet Corps (NCC)
- Internal Complaint Committee
- Grievance Redressal Committee
- Institute Industry Committee
- Anti Ragging Committee
- Library Committee, etc

1. Initiatives of Quality Assurance are as follows:

- Implementation of OBE(Outcome Based Education)
- Implement strategies for improvements in CO,PO,PSO,PEO
- Implementation of CBCS (Choice Based Credit System)
- Evaluation and Assessment Process of JNTUH
- Use of ICT tools to Teaching Learning Process
- Strengthening the Student Mentoring system
- Participation in NIRF (ARIIA)
- Industry and Institution Collaboration Committee to promote interaction with industries for internships and placements
- Encourage SWAYAM online Certification Course
- Pre-Placement Training and Career Guidance Activities
- Encourage Faculty and Student Certification for MOOCs Courses
- Encourage Faculty participation in FDPs,workshops,STTPs to enrich their knowledge

To Ensure good results, the following areas are considered for Skill Upgradation, Outcome Based Education & Promoting Technology Enhancement Learning

2. Strategies for Skill upgradation:

IQAC reviews the Teaching Learning Processes for regularly identifying the gaps in Value-Added Courses, Skill Development Courses, MOOC certification Courses in collaboration with various organizations for improvement in placement opportunities.

The institution encourages the faculty for involvement in research, registration for Ph.Ds and publication of quality papers to fulfill this the Institute extends the financial and moral support.

Encourage Students to enroll for MOOC, NPTEL COURSERA to learn the current trends in Technology.

To enrich students' practical knowledge and get industrial exposure, students are provided with the right training to improve their employability skills. They are made to realize exposed to undergo Internships, Mini and Major projects at various Government and Private Organizations like DRDO, RCI, BHEL, BDL, ECIL, ETDC,TSSPDCL, NPTC, DATA PROJECTS, ISRO, TCS, NAIR etc.

To enrich the students industrial exposure and practical knowledge, the College has MOU signed with MICROSOFT, CISCO, DECODE, TCS,WIPROetc. The college encourages the students for industrial visits for hands-on experience and to gain practical knowledge.

3. Outcome Based Education (OBE):

Outcome-based education (OBE) is a student-centered approach that defines learning outcomes, designs instruction and assessments to achieve them, and provides feedback to students. It prioritizes important outcomes and helps measure the effectiveness of courses. However, implementation can be challenging and there may be concerns about standardized testing and neglecting creativity.

4. Implementing the Promotion of Technology Enhancement Learning:

For Promoting technology enhancement learning, the students and staff are enrolled in massive open online courses NPTEL (National program on technology enhancing learning),SPOC (Single point of contact), Enhancement in English through AA EDU Tech, Owned by Kris Srikanth former indian cricket captain for empowerment in English.

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

6.5.2 Quality assurance initiatives of the institution include:

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

Response: B. Any 3 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[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:

JPNCE has initiated the following measures.

1. Safety Measures

JPNCE considers everyone important on the campus. Adequate safety and security is provided. Girls constitute majority because of the measures initiated by institution for their well-being. Many girls commute from their villages which is around 30-40 kms. Continuous monitoring takes place on the campus regarding safety and security of the girls. The campus has surveillance network through CCTV cameras. It is monitored continuously. Faculty coordinators supervise and if there are any issues, they are immediately brought to the notice of the heads of the departments. JPNCE is Ragging free campus. Mutual respect and cordial atmosphere prevail on the campus. All the staff monitor students and their activities. Healthy atmosphere is created on the campus. Help line 8886680010/17.

Suggestion Boxes are arranged. The grievances are addressed immediately.

2. Common Rooms

The institute has separate waiting halls for girls with washrooms and they are provided with sanitary napkins vending machine. Proper sanitation is maintained in the common rooms and washrooms. Girl students are given guidance regarding cleanliness. Wellness Centre is made available.

3. Counseling for Girls

Personal counseling is given to the students especially for girls by the senior faculty members. They are given liberty to share even their personal matters. Women faculty takes utmost care to attend to the issues of the girl students. They are taken into confidence.

Students are given necessary guidance and counseling.

4. Empowering the Girl

One girl from each class is identified as Class Representative. Girls also constitute part of NCC unit. Women faculty is included in Grievance Redressal Committee, Anti-Ragging Committee, Anti-Sexual Harassment and Women Protection Committee and Students' Activity Centre (SAC).   Even NCC girl cadets are encouraged to take part in horse riding. Two horses are kept for horse riding for NCC cadets. They are taking advantage of it.

5. Curricular and Co-curricular Activities

Besides the core engineering subjects, Gender Sensitization, Human Values and Professional Ethics are included as part of JNTUH curriculum. Formal and informal discussion takes place on the above-mentioned issues. In addition to the teaching, gender equity and sensitization issues are discussed through guest lectures, poster presentations, debates, group discussions, counseling etc. Seminars on human rights, cyber security are conducted periodically. District Legal Services Authorities (DLSA) conducts awareness programme on gender issues and girls are explained the provisions of law. The girl students are also explained how to be vigilant and if any untoward incident happens, whom to call/contact. These details are provided during the seminars. The girls are also cautioned of the consequences in case they fall prey to the temptation. Legal experts and SHE teams from the local Police Department conduct these sessions. The girl students are advised to take lead in all the activities. Eminent motivational speakers address the students on depression and the remedies. Training on soft skills is also imparted through TASK. Topics like goal setting, problem solving & decision making, communication, leadership and Emotional Intelligence are dealt during the training programmes.

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

7.1.2 The Institution has facilities and initiatives for

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

Response: B. 3 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)

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

1. **Green audit / Environment audit**

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

Response: B. Any 3 of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Green audit/environmental audit report from recognized bodies	View Document
Certificates of the awards received from recognized agency (if any).	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

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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:

Jayaprakash Narayan College of Engineering has always been a socially concerned organization. The institution conducts a number of programmes to ensure harmony among the students, who come from a variety of backgrounds. By encouraging an inclusive environment, it upholds and supports morality and integrity.

JPNCE teaches the students moral and ethical principles by sensitizing them to constitutional rights, responsibilities, beliefs, and obligations. Various strategies make the students and staff highly competent, deeply ethical, and dedicated to the standards of social and professional behavior. JPNCE takes initiative in upholding the cultural, regional, linguistic, communal and socioeconomic harmony.

A. Initiatives taken up by the Institute in this regard are as follows:

1. Cultural Diversities:

JPNCE conducts cultural events to make the students aware of cultural harmony and tolerance. The institution also hosts cultural events to encourage intercultural harmony among its staff and students. Cultural events such as Rangoli, Traditional Day, etc., are observed on the campus. Several traditional/classical arts are performed by the students.

2. Regional Diversities:

Institutional efforts in promoting regional harmony and tolerance are helping to build a peaceful and inclusive society. To address this, the institution is celebrating national and local festivals like Bathukamma during Dasara festival.

3. Linguistic Diversities:

Students who speak different languages take admission in JPNCE. It has never been a hindrance for the students who speak other than Telugu and Urdu. They are equally respected. English would be the common language. The Institute conducts literary competitions like essay writing, elocution, role plays, singing in national and regional languages occasionally. English is the common professional language used during working hours.

4. Communal Diversities

Important festivals of all religions are celebrated at the institutional level. Students belonging to all religions come together and take part. For three days, Ganesh Chaturthi is celebrated in grand manner. There is a unique pandal built in the college campus. Every morning, the faculty, students, and staff perform puja, which is followed by performance of traditional dances and songs. Students from many cultures and religions take part with enthusiasm. Christmas is celebrated in the college to promote religious harmony. Staff and students take part irrespective of their faiths. Ramzan is also celebrated on the campus. Muslim brethren are given Iftar Party. All the religions are equally respected. The concept of religious tolerance is inculcated among the students and the staff.

B. Issues related to rights, duties, and responsibilities are sensitized through various activities like:

- Constitution of India and Professional Ethics are requisite subjects. In addition to the classroom instruction, the institution runs a number of programmes by involving NCC Cadets.
- Awareness Programmes on Indian Constitution - Rights and Duties of Citizens are conducted for the students. The Role of the Parliament in making laws is also elucidated for the benefit of future citizens.
- To make students realize their responsibilities essay-writing and elocution competitions are held leading to greater empathy and awareness on social issues

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

7.2 Best Practices

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

Response:

Best Practice – I

1.1 Title of Practice: Moulding the rural talent into successfully employable professionals through Skill development programs and pedagogical initiatives

1.2 Objectives of the Practice:

- To motivate students to take up engineering as career.
- To equip the students to face challenges.
- To adopt pedagogical initiatives.
- To strengthen practical knowledge with values.

1.3 The Context

The institute is located in rural area and many students are first generation of learners. By identifying innate talents and nurturing into successfully employable.

1.4 The Practice

The institute implements collaborative learning. Pedagogical initiatives help students to become employable.

1.5 Strategies adopted to achieve the results:

- Using ICT tools.
- Collaborative learning
- Effective counseling
- Organizing industrial visits.
- Conducting workshops, mock EAMCET and JEE
- Trainings in collaboration with TASK on Skill Development Programs
- Taking the support of alumni for trainings.
- Organizing TechUtsav and KhelUtsav.

1.6 Evidence of Success:

1. The institute makes its best efforts in bringing out innate talents of the rural youth and converting them into responsible global citizens.
2. Gold Medals: We have two university gold medals secured by our students so far
3. Placements: 80% of the eligible students are placed every year with a steady increase in average package per year – in 2022: highest package being 14.95 LPA
4. Alumni: We proudly boast that more than 3,000 alumni of JPNCE are working across the globe overseas in reputed organizations.

S.No	Name of the Alumni	Batch and Branch	Designation	Or

1	Mr. J. Raghavendra Reddy	2006-2008 MBA	ASP (IPS)	Te
2	Mr. Ravi Shankar	1997-2001 ECE	Scientist	DR
3	Mr. K. Hita Chandra	1997-2001 ECE	Founder and CEO	DR
4	Mr. Srinivas	2000-2004 CSE	Scientist	BA
5	Mr. Ambati Prudhvi	1999-2003 CSE	Vice president	HD
6	Mr. Vinayak Kalluri	1997-2001 Mech	Registrar	SR Vij

2021. Branding: Ever since its inception, JPNCE has been a champion of the concept of Right for Education. JPNCE is very well known for its philanthropic efforts in developing its adopted villages, offering scholarships to the poor students and conducting awareness programmes across the town and district. JPNCE has emerged as a brand in the field of technical education in the erstwhile Mahabubnagar district.

1.7 Problems Encountered and Resources Required:

- Assessing the students
- Taking up extension activities balancing academics
- Focusing on slow learners
- Busy schedule of alumni

1.8 Resources Required:

- Committed staff members
- Expert trainers
- Dedicated Alumni

Best practice – II

2.1 Title of the Practice

Contribution to society through service-based projects and service motto activities.

2.2 Objectives of the Practice:

- To make the students realize that societal growth is vital
- To understand societal problems.
- To bring solutions through their projects and other activities
- To bring recognition to the institute through projects.

2.3 The Context

Young engineers can bring solutions to societal problems. The projects and the service activities can pave way for better solutions to society and they can grow as responsible citizens.

2.4 The Practice

The institute motivates students to bring solutions to societal problems

Students have been involved in:

- Understanding the issues of rural people
- Creating awareness on various social issues
- COVID vaccination
- Swachh Bharath
- Protection of environment
- Awareness on Polio Vaccination

2.5 Constraints:

- Initial reluctance by the students.
- Students' hesitation to interact with villagers.

2.6 EVIDENCE OF SUCCESS

The following projects executed by students have won accolades from the public.

S.No	A.Y	Name of the project	Societal problem addressed	Remar (Appre
1.	2018-19	Assessment of Ground Water Quality-Selected villages of Mahabubnagar Mandal & District.	Checking ground water purity	Apprec manage
2	2019-20	Solar based tri-cycle for physically challenged	Ecofriendly automotive	Cash Manage
3	2020-21	IOT Based Garbage Monitoring System	Segregation of garbage-wet and dry	Seed Manage
4	2020-21	High Speed Bottle Cleaning Machine Externally and Internally	Cleaning 20L water cans.	Seed Manage
5	2020-21	Solar Based Grass Cutter	Ecofriendly lawn mower.	Seed Manage
6	2021-22	Water Wastage Control	Reduce water wastage in community places	Seed Manage
7	2021-22	Mechatrical Life Saver – M10136	Put off fires in close proximity.	Seed Manage
8	2021-22	Saline Level Monitoring |System	Monitory saline level in hospitals.	Seed Manage
9	2021-22	Hybrid Power Generation Solar Plus Wind Mill Generator	It is eco-friendly. Works on solar energy.	Seed Manage

Innovative Projects, Ideas & Faculty Contribution In Research Useful To The Society

S.No.	Academic Year	Title of the Project	Societal pro addressed/Innovation
1	2018-19	Gokart	Made from scrap. Don Mech. Engg. students
2	2017-18	Arsenic detection in water. A Ph.D thesis by the faculty, Dr. Sujeevan Kumar Agir.	Reduced cost of ar detection equipment by and time required to esti from few hours to aroun minutes.
3	2018-19	Detection & Removal of Fluoride using activated seed coat biomass tamarindus indica	Fluoride in drinking wate be detected and removed inexpensive technique.

Contribution made by the students for the society through their service motto activities.

S.No	A.Y	Name of the activity	Societal problem addressed	Impac
1	2017-18	Awareness on Digital Banking	Helps even illiterates to receive and pay money. (cashless)	People
2	2018-19	Survey and Awareness on **Right to Vote** conducted in Chowderpally (V)	Help people realize importance of casting vote	Village importa withou tempta
3	2019-20	COVID-19 Awareness program by Student volunteers	Preventive measures taken by the villagers.	Restric very fe
4	2020-21	Distribution of provisions during the pandemic	Helped the working class	The ne
5	2021-22	COVID-19 Vaccination Drive.	Prevented many villagers from falling prey to COVID.	Helped

2.7 Problems Encountered:

- Sustaining interest of students.
- Limited outlook of students.
- Balancing both academics and service projects.

2.8 Resources Required

Contribution and involvement from organizations under their Corporate Social Responsibility Projects.

File Description	Document
Any other relevant information	[View 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:

TITLE:

To make the students focus on understanding values, social activities, fostering skills   and moving towards skill training & upgrade knowledge.

    1. Finishing School - A Unique Initiative Training Programme
    2. IRDA Initiative, Group Insurance for Students & Staff
    3. Street Cause

1. Finishing School - A Unique Initiative Training Programme:

To up skill and improve the performance and to be industry ready, the students of **Electrical & Electronics Engineering and Mechanical Engineering of B.Tech IV-II got selected** (Mention must be made that only Computer Science graduates are getting more opportunities for Internships and Placements) for Internship in TVS Sundram Fasteners, Chennai. Altogether, 16 students got selected from the two branches. Internship is on Electrical and Normal Vehicles. Students will be trained in Manufacturing, Long, Medium low SHAFTS, Long Medium low Pistons and HUB for TYRES. In the current scenario, Electric vehicles have huge demand in the market.

The Internship period is three months. During this period, they'll be paid stipend and get the practical knowledge and are made industry ready. After the completion of this period, they'll be on rolls of the company.

2. IRDA Initiative, Group Insurance for Students & Staff:

Insurance plan helps for medical emergencies. Keeping the importance of Insurance in view, an Awareness session is conducted to all the students and staff under the auspices of Royal Sundaram General Insurance Company Limited. The Management of Jayaprakash Narayan College of Engineering extended the facility of Insurance to its staff and students (who take part in the Industrial Visit). A Group Insurance policy was taken.

Some of the advantages of the policy are:

- Free Coverage. The premium for a Group Mediclaim Policy is paid by the Institution on behalf of the employees.
- No waiting period
- Preventive health care and extra benefits
- Cashless hospitals

3. Street Cause:

JPNCE is always at the forefront in understanding the needs of the society and extending as much as support as possible. Various outreach programmes are held to address societal problems. Such activities help the students to grow as full-fledged personalities.

As part of Street Cause, NCC Cadets, Student Volunteers and the faculty members visited the nearby village, Chowderpally. They went to the village and met Sarpanch, Deputy Sarpanch, Ward Members, and the Village Secretary. They went round the village and interacted with villagers- youth, elderly people and women etc. and gathered the primary information about the village.

Chowderpally is 3 km. away from Jayaprakash Narayan College of Engineering. There are 380 families and the population is 1600. There is a primary school and an Anganwadi. There are two Asha workers to take care of health issues of the villagers and to educate on hygiene and sanitation. All the 400 houses in the village have toilets. There are no never enrolled and dropout children in the village and are studying up to Class X. 60% of the youth pursue their higher education.

The team had conducted a survey in the village to understand the life style of the villagers and the issues they face during their day-to-day life and had identified certain issues to be addressed. Some of them are as follows:

1. Women empowerment
2. Social evils
3. Child rights
4. Social responsibilities
5. Awareness on using the toilets

3.1 Women Empowerment:

There are 32 Self Help Groups (SHGs) in the village. They were invited near the Panchayat office. If any untoward incident takes place, there are protection cells, like Women Protection Cell and SHE Teams. Health and hygiene issues were discussed. The urge for family planning is explained. They were strongly warned not to resort to foeticide which is a crime. Women were taught the 3R's by the volunteers.

3.2 Social Evils:

In the evening, the villagers were gathered at the office. A Guest Lecture on Social Evils was arranged. The most common social evils are as follows:

i) Caste System: All the castes are interdependent and have their own prominence. Need to respect others

and live in harmony.

ii) Child marriages: Child marriages hinder the girl education and health by early pregnancies. The village administration also takes lead in educating the villagers regarding the importance of girl education and not to perform child marriages.

iii. Dowry related problems: Those who are involved in giving or taking dowry will be prosecuted. The youth were advised not to become victims of dowry.

iv.Superstitions, Witchcraft & Sorcery: The NCC cadets noted that there are superstitions which are prevalent in the village, for eg. When children suffer from chickenpox, people assume that Goddess is angry with them and should be satiated. They do not take them to doctor. The villagers were informed that chickenpox is a kind of virus which should be treated immediately. Similarly, witchcraft & Sorcery is trash and no such unusual powers exist.

3.3 Child Rights:

Children under the age 18, have certain rights like right to health, right to education, right to Family Life etc. Child Labour (Prohibition and Regulation) Act supports the children to go to school. POCSO Act was highlighted.

3.4 Social Responsibility:

The Youth were gathered separately and brought awareness about their social responsibility like enrolling in the voter list, casting their vote without any bias. JPNCE Student Volunteers visited Dharmapur village and Vemula Village. In Dharmapur village, 20 dual desks were donated to the Zilla Parishad High School and in Vemula Village 20 dual desks were donated to Zilla Parishad High School and 20 Study Tables and 2 Glass door Almirahs with lock were donated.

3.5 Awareness on using toilets:

The villagers were also explained the ill-effects of open defecation. The volunteers brought awareness and as per the recommendation of the volunteers, counselors were appointed and the issue was resolved.

4. Conclusion:

Thus, the NCC Cadets and the faculty members have played a pivotal role in mobilizing the villagers and bringing awareness on various issues mentioned above. Both the cadets and the faculty members received accolades from the village people and the administration.

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

5. CONCLUSION

Additional Information :

The management members are well educated with philanthropic mindset led by Chairman **Sri K S Ravi Kumar** garu who is an eminent educationist and has been the beacon of success of various technical Institutions and their growth. He is a visionary and known for his organizing skills. He is very generous and encouraged many poor meritorious students in achieving their academic laurels. He generously provides facilities free of cost to poor meritorious rural students.

This brings lot of good will and brand name to JPNCE.

Concluding Remarks :

To realize our vision **"To excel as one of the preferred technical institutes by achieving success through dynamic learning environment leading to socially responsible citizens."**

Which was implemented through meticulously articulated "Mission Statements", with all stakeholders involvement by providing necessary infrastructure, support systems coupled with innovative teaching-learning process supported by good governance, will ensure students success.

These ensure that,

1. The philosophy of JPNCE, Mahbubnagar is to serve the society through educating rural populace of backward Mahbubnagar region in Telangana state is realised.
2. Students success, at the center of our activity will be realised through 'Student-Centric' Teaching Learning Process (TLP) is more suitable for rural students.
3. We also believe in empowering students through dynamic Learning environment.
4. Our College recognizes the importance of research environment amongst staff and students and encourages them.
5. The initiatives undertaken by JPNCE help our students in developing the transferable skills needed for engineering graduates.
6. Our College has Energy and Environment Policies to protect and conserve ecological systems and resources within our campus.
7. The proactive and visionary management has made far-reaching efforts to pool resources, attract employees and help them in shaping graduates into successful professionals and responsible citizens.
8. Keeping in view with its goal of imparting education that focuses on "All round development" of our students, encourages and facilitates active participation in sports and extra curricular activities.
9. As a testimony of success of our students, numerous renowned companies visit our College regularly and recruit a large number of students.
10. Our alumni, who are successfully placed across various companies even few of them abroad are the campaigners of JPNCE.
11. We strongly believe that "NAAC Accreditation" process would provide us immense help in quality improvement.
12. The feedback and suggestions from our stakeholders we receive would greatly help institute improve our educational best practices and achieve distinction.

13. As, we want to be a preferred destination for engineering education and wish to develop & upgrade the institute into a center for higher education inculcating research mindset.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.1	**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)** Answer before DVV Verification : Answer After DVV Verification :49 Remark : Input is edited by counting repeated programs once as.
1.2.2	*Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years* 1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>975</td><td>916</td><td>822</td><td>932</td><td>1038</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>975</td><td>916</td><td>822</td><td>932</td><td>1038</td></tr></table>
2.1.1	**Enrolment percentage** 2.1.1.1. **Number of seats filled year wise during last five years (Only first year admissions to be considered)** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>364</td><td>343</td><td>294</td><td>340</td><td>441</td></tr></table> Answer After DVV Verification : <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr><tr><td>364</td><td>343</td><td>294</td><td>340</td><td>441</td></tr></table> 2.1.1.2. **Number of sanctioned seats year wise during last five years** Answer before DVV Verification: <table><tr><td>2021-22</td><td>2020-21</td><td>2019-20</td><td>2018-19</td><td>2017-18</td></tr></table>

2.1.2	*Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years*
	2.1.2.1. Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
149	134	118	139	181

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
147	134	115	132	174

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:

2021-22	2020-21	2019-20	2018-19	2017-18
182	171	146	170	220

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
182	171	146	170	220

Remark : AS per data template input is edited .

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
16	15	15	12	13

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
16	15	15	12	11

Remark : Input is edited from clarification documents.

3.1.1	*Grants received from Government and non-governmental agencies for research projects /*

endowments in the institution during the last five years (INR in Lakhs)

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
7.10	2.95	1.60	5.48	2.54

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
7.10	2.95	1.60	5.48	2.54

3.2.2	*Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years* 3.2.2.1. **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years** Answer before DVV Verification: table1 Answer After DVV Verification : table2

3.2.2 table (before):

2021-22	2020-21	2019-20	2018-19	2017-18
12	04	09	12	14

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
12	04	09	12	14

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
10	11	06	07	16

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
5	8	06	06	12

Remark : Input is edited by counting repeated ISSN no . once.

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

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
13	04	12	15	15

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
10	01	7	13	8

Remark : Input is edited from excluding the celebration of days.

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

Answer before DVV Verification :
Answer After DVV Verification :17
Remark : Input is edited from data template.

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:

2021-22	2020-21	2019-20	2018-19	2017-18
172.83	36.49	55.29	56.22	52.24

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
21.01	18.59	21.24	24.73	21.01

Remark : Input is edited by excluding electrical charges and fuel charges.

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:

2021-22	2020-21	2019-20	2018-19	2017-18
918	912	818	930	909

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
680	862	445	572	582

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:

2021-22	2020-21	2019-20	2018-19	2017-18
168	165	185	246	221

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
162	153	183	243	216

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
223	203	269	321	342

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
223	203	269	321	342

Remark : Input is edited from the data template.

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:

2021-22	2020-21	2019-20	2018-19	2017-18
77	66	89	118	114

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
56	59	70	87	100

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

Answer before DVV Verification:

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

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
67	67	67	67	67

Remark : One teacher for a year,input is edited according to it. as per IIQA 6.3.3.2 is edited.

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: B. Any 3 of the above
Remark : AS per supporting documents three may be considered.

7.1.2 | **The Institution has facilities and initiatives for**

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

Answer before DVV Verification : A. 4 or All of the above
Answer After DVV Verification: B. 3 of the above
Remark : As per supporting documents three may be considered.

7.1.3	**Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following** 1. **Green audit / Environment audit** 2. **Energy audit** 3. **Clean and green campus initiatives** 4. **Beyond the campus environmental promotion activities** Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 3 of the above Remark : AS per supporting documents three may be considered.

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of teaching staff / full time teachers during the last five years (Without repeat count):** Answer before DVV Verification : 253 Answer after DVV Verification : 246