



JPNCE	Strategic Plan	Rev No.: 0.9
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* Strategic Planning Document *

2021- 2026 Period

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I. Vision, Mission & Values

V. Vision

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

M. 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.

VI. Values

V1. Student Centric - We are responsible for students to realize their true potential by advocating progressive thinking and addressing their concerns. (M1 to M6)

V2. Faculty driven - Developing a team of committed individuals high on innovation and integrity. (M2, M3, M6)

V3. Learning centered - Create an innovative 'Teaching-Learning-Process' leading to technical & professional excellence. (M1, M3, M5)

V4. Guardianship - Upholding the public trust placed on us, we continuously strive to add value to all our stake holders. (M1 to M6)

V5. Professional discipline - Inculcate a sense of professional ethics into every individual leading to delivery beyond expectations. (M1, M2)



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II. Strength, Weakness, Opportunities & Challenges (SWOC)

S. Strengths

- i. JPNCET* brand name
- ii. Public confidence in JPNCET JPNCETutions
- iii. Academics excellence – student performance
- iv. Discipline - Known
- v. Ragging free campus
- vi. Committed, young & dynamic faculty, with good Placement team
- vii. Locational advantage with lesser distractions for study
- viii. Good relation between staff and students
- ix. Obedient and committed students - mouldable students
- x. Informed & Dynamic principal
- xi. Branded PU College in the campus
- xii. Hostel within the campus
- xiii. Student scholarship assistance
- xiv. Innovative initiatives conducive for academic excellence

W. Weakness

- i. Lack of exposure
- ii. Constraint on spending
- iii. Lack of Communication skills
- iv. Less Industry JPNCET Interaction
- v. Lack of quality admissions
- vi. Students more book centric & rote learning
- vii. Lack of basic amenities like canteen, faculty cabin, seminar hall, co-operative store, sports facilities, student parking, bus facility
- viii. Lack of Infrastructure (Lab facility, ill equipped class rooms, teaching aids.)
- ix. Lack of library facilities
- x. Uniform to students
- xi. Lack of media / Promotional activities
- xii. Low student happiness index
- xiii. Staff attrition
- xiv. No parent – teacher interaction
- xv. Staff : student ratio
- xvi. Lack of Support system like Staff Quarters
- xvii. Lack of alumni interaction
- xviii. Poor placements
- xix. No research mindset & facility, activities
- xx. Poor quality student projects
- xxi. Lack of professionalism
- xxii. Poor governance



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- xxiii. Poor Academic process
- xxiv. Hostel rules & regulation
- xxv. No Accreditation
- xxvi. Visibility of the JPNCE institution at national highways
- xxvii. Number of conferences and workshops

O. Opportunities

- i. Feeder schools and colleges
- ii. No stiff competition around
- iii. Low brand value few neighboring colleges
- iv. Pool campus
- v. Adopting process in academics
- vi. Increase in GDP
- vii. JNTUH facilitation center

T. Threats / Challenges

- i. Proactive engineering colleges in the vicinity
- ii. Better bus facility from other colleges
- iii. Change in educational policy

TA. Thrust Areas (Identified)

- TA-1. Student Success
- TA-2. Human Resources Development
- TA-3. Process Approach
- TA-4. Infrastructure
- TA-5. Forging Partnerships



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III. Thrust Areas & Objectives

Thrust Areas Chosen

- TA-1. Student Success
- TA-2. Human Resource Development
- TA-3. Support System
- TA-4. Process Approach

Objectives

TA-1 Student Success

- O1-i. Facilitate Learning
- O1-ii. Skill development
- O1-iii. Improved Placements with Forging of Partnership
- O1-iv. Enhanced Results

TA-2. Human Resource Development

- O2-i. Employing standard recruitment process
- O2-ii. Staff development
- O2-iii. Conducive working environment
- O2-iv. Maintaining students / staff ratio

TA-3. Support System

- O3-i. Well developed library
- O3-ii. Establish well equipped laboratory
- O3-iii. Provide support Infrastructure
- O3-iv. Effective Administration

TA-4. Process approach

- O4-i. Adopting process oriented approach
- O4-ii. Providing Transparent and democratic Governance

Note: Goal (G) – Strategic initiatives (SI) - Objectives (O) - Critical Success Factor (CSF)



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IV. Strategic Initiatives, Objectives and CSF

TA-1. STUDENT SUCCESS

Goal-1

To promote a conducive learning atmosphere, the emphasis is placed on developing skills that lead to better job opportunities and improved outcomes, all with the aim of achieving success for the students.

SI-1.1: Facilitate Learning

To help students attain a higher level of performance by designing, delivering, and evaluating the teaching and learning process.

Objectives-1.1

- i. Ensure effective completion of syllabus
- ii. Identify & uplifting academically poor students
- iii. Student assessment

CSF-1.1

- i. formative and summative
- ii. course plan
- iii. Assessment
- iv. results and placements

SI-1.2: Skill Development

To create a platform that facilitates the development of skills that complement the academic programs, thereby enabling students to attain success.

Objectives-1.2

- i. Conduct training programs on soft skills
- ii. Educate students in emerging trends
- iii. Encourage students to communicate in English

CSF-1.2

- i. Vikas programme
- ii. No. of Technical Carnivals



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iii. No. of students placed

SI-1.3: Improved Placements

To enhance employability by providing training and establishing meaningful relationships with industries.

Objectives-1.3

- i. Enter into MoUs with industry
- ii. Effective alumni interaction
- iii. Conduct industry specific trainings

CSF-1.3

- i. No. of companies visiting the campus
- ii. No. of interactions with alumni
- iii. No. of students placed

SI-1.4: Enhanced Results

To enhance results by implementing innovative academic processes.

Objectives-1.4

- i. To strengthen domain knowledge
- ii. Effective classroom delivery

CSF-1.4

- i. University Results

TA-2. Human Resource Development

Goal-2

To enhance academic delivery and promote effective student learning by appointing well-qualified staff to maintain the required student-faculty ratio, encouraging staff to pursue higher education and professional training, and providing a comfortable work environment.

SI-2.1: Appointing well qualified staff

Identify, recruit well qualified & specialized staff.

Objectives-2.1

- i. Recruit adequate qualified staff based on specific requirements
- ii. Attract reputed staff to be a part of JPNCE institution

CSF-2.1

- i. Faculty student ratio
- ii. Staff qualification indicator

SI-2.2: Staff development

To establish an environment that promotes the advancement of skills and careers.

Objectives-2.2

- i. To encourage staff for higher studies
- ii. Conduct workshops for skill development



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iii. Introduce performance based appraisal

CSF-2.2

- i. Number of faculty deputed for higher studies
- ii. Number of faculties deputed for seminars and workshop
- iii. Employ performance appraisal system

SI-2.3: Creating Conducive working environment

To establish a healthy working environment.

Objectives-2.3

- i. Provide Staff cabins
- ii. To foster better team work
- iii. To define the roles and responsibility of the faculties
- iv. To build a good relationship among stakeholders

CSF-2.3

- i. Faculty retention index
- ii. No. of events
- iii. Academic results / % increase in result
- iv. Feedback from different stakeholders

SI-2.4: Maintaining student / staff ratio

To adopt a process that involves recruiting and regularly monitoring the student-faculty ratio.

Objectives-2.4

- i. To achieve effective delivery of the best from the staff and achieving excellence from the students
- ii. To maintain orderly learning environment
- iii. To increase the efficiency of the faculty
- iv. To provide value added learning

CSF-2.4

- i. Academic and placement results
- ii. Feedback survey

TA-3. Support System

Goal-3

To enhance student learning, leading to better performance and career growth through the provision of a well-developed library, well-equipped laboratories, good infrastructure, and effective administration.

SI-3.1: Well Developed Library

To develop a library that offers a wealth of knowledge resources in all available formats, catering to the needs of all individuals seeking knowledge.

Objectives-3.1

- i. Develop a well stacked and stocked library with the latest reference materials
- ii. Develop an efficient digital library
- iii. Extending library working hours
- iv. Develop a easy and reliable web base access system



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v. Design and develop better reading infrastructure

CSF-3.1

- i. Vast collection of required materials
- ii. Accessibility
- iii. Library automation
- iv. Infrastructural development

SI-3.2: Establish well equipped laboratory

To enhance and upgrade laboratory facilities to meet all the necessary requirements for both academic and research activities.

Objectives-3.2

- i. Acquisition of all essential equipments and maintaining them to build an effective learning platform
- ii. Develop niche areas for individual to peruse research
- iii. Better laboratory facility for innovative projects
- iv. Develop a calendar inclusive of added laboratory usage

CSF-3.2

- i. Procurement of all necessary equipments
- ii. Effective utilization of provided facility
- iii. Extend accessibility
- iv. Proper handling and maintaining of lab equipments

SI-3.3: Provide support infrastructure

To construct and provide all necessary support infrastructure to create an effective working environment within the campus.

Objectives-3.3

- i. A spacious canteen providing hygienic food
- ii. Better sports facilities catering to both indoor and outdoor facilities
- iii. Establish and operate co-operate store within the campus
- iv. Primary health care center with basic facilities
- v. Build and amphi-theater and added recreational facilities for staff and students

CSF-3.3

- i. Separate facilities housing canteen, co-operate society and primary health center
- ii. Sports equipments for indoor games and playing courts for outdoor games
- iii. Build an open air amphi-theater

SI 3.4: Effective Administration

to create and implement a process-based approach for academics that features transparent, democratic governance to improve the performance and branding of the JPNCEitute.

Objectives-3.4

- i. Develop separate processes for all administrative requirements
- ii. Develop accountability at all process levels

CSF-3.4

- i. Well trained office staff



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- ii. Better infrastructure to support effective functioning of the process
- iii. Well defined organizational hierarchy levels

TA-4. Process approach

Goal-4

To create and implement a process-based approach for academics that features transparent, democratic governance to improve the performance and branding of the JPNCEitute.

SI-4.1: Adopting process oriented approach

Develop and implement an outcome oriented academic process that promotes JPNCEitute success.

Objectives-4.1

- i. Identify critical process that are important for JPNCEitute success
- ii. Designing a process which brings in high quality management system in all critical areas
- iii. Develop JPNCEitute teams to implement the process system which leads to elevation of the standard

CSF-4.1

- i. Change in organizational structure
- ii. Productiveness of process
- iii. Reduced system errors
- iv. Improvement in JPNCEitute performance

SI-4.2: Providing transparent and democratic governance.

To implement and strengthen a governance system that brings people together to work collectively towards achieving a common goal.

Objectives-4.2

- i. Engage all stakeholders together
- ii. Move towards the decentralization form of decision making
- iii. To create an empowered accountable and ethical working environment

CSF-4.2

- i. Owning up of the system
- ii. Streamlining of decision making process
- iii. Achieving deadlines
- iv. Stability and responsibility in administration