

**SELF STUDY REPORT (SSR)
(PART-I & PART-II)**

For

Academic Audit

By

Affiliating Colleges/Institutions

Name of College: Jawaharlal Nehru Government Engineering College, Sundernagar

For the Year: 2024-2025

Submitted to:

**Himachal Pradesh Technical University,
Hamirpur -177 001, H. P.**

HP Technical University, Hamirpur (HP)

**Academic Audit
SSR Proforma to be submitted by Affiliated Institutions**

GENERAL
Profile of College/Institution

1. General Information -

Name and full Address of the College/Institution with PIN	
Jawaharlal Nehru Government Engineering College (JNGEC), Sundernagar, Distt-Mandi (HP) ,175018	
Website	jngec.ac.in

2. Contacts for Communication-

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Professor	Dr. Rajeev Khanduja	+91(0)1907267688	+917015610091	-	jngechp@yahoo.co.in
Associate Professor	Dr. Madhu Sharma	+91(0)1907267688	+919805504509	-	jngechp@yahoo.co.in

3. Establishment Details-

Establishment Date of the College	Established in 2006 with two programs Mechanical Engineering and Textile Engineering
Status prior to Establishment, if applicable	Nil

4. Accreditation Details-

AICTE/PCI approval date & reference With Name of Course(s) (Non-AICTE/Non-PCI courses: write 'Not Applicable')	First: view view details Latest: view view details
HPTU approval date & reference With Name of Course(s)	First: 2010 Latest: view details
NAAC rank/grade	Nil
NBA rank/grade	Accredited for year 2023-24 and 2024-25 up to 30-06-2025 view details
NIRF rank/grade	Nil

5. Location, Area and Activity of Campus-

Campus Type	Address	Location	Campus Area in Acres	Built up Area in sq.mts.	Programmes offered
Main Campus Area	Jawaharlal Nehru Government Engineering College (JNGEC) Sundernagar, Distt-Mandi (HP) ,175018	Rural	11.1	21334	B.Tech - <ol style="list-style-type: none"> 1. Mechanical Engineering 2. Textile Engineering 3. Civil Engineering 4. Electronics & Communication Engineering 5. Artificial Intelligence and Machine Learning M.Tech - <ol style="list-style-type: none"> 1. Construction Engineering and Management

6 . Built-up Area Details (Sq. Meters) -

i) Administrative and Amenities/Circulation Area in Sq. Meters

Faculty/Stream	Intake of students	¹ Administrative Area			² Amenities/Circulation Area		
		Required	Available	Deficiency	Required	Available	Deficiency
Engineering	315	250 sqm for intake of 300	Block A-4033 Block B-5458 Block C-4058 Block D-4777 Block E-3008	None	750 sqm for intake of 300	Block A-2995 Block B-4962 Block C-3121 Block D-2991 Block E-2608	None
Pharmacy		100 sqm for intake of 100			100 sqm for intake of 100		
Management		100 sqm for intake of 100			100 sqm for intake of 100		
Total			21334	-		16677	-

¹Administrative area includes: Principal's office, main office, faculty seating area, **Classrooms, Laboratories** , store, reception area, conference room, strong room, etc.

²Amenities/Circulation area includes: Common rooms for boys and girls, medical facility room, canteen, Post Office, Bank, Cooperative Store, Phone facility etc.

ii) Instructional Area:

Instructional Area	Minimum No. of Rooms		Carpet Area in sqm per Room	
	Required	Deficiency	Required	Deficiency
Class rooms/Engg/Pharmacy/Management	Total Number of Divisions per Year x Total Duration of Course in years x 0.5 = $6 \times 4 \times 0.5 = 12$	Nil	66 (For a division of 60) 33 (For a division of 33)	Nil
Tutorial Rooms Engg/Pharmacy/Management	25% of Total Class Room = $12 \times 0.25 = 3$	Nil	33	Nil
*Laboratory for First Year	4 = 6 (which includes 2 laboratories for Basic sciences)	Nil	66	Nil
Laboratory other than first year	2 per course per year up to intake of 180 per course	Nil	66	Nil
Laboratory for Post Graduate Courses	1 per Course	Nil	66	Nil
Additional Laboratory/Workshop for "X" Category Courses	1	Nil	200 (For UG)	Nil
Drawing Hall (Engg)	1 (Up to an intake of 600)	Nil	132	Nil
Computer Centre	1(up to an intake of 600)	Nil	150	Nil
Seminar Hall	1	Nil	132	Nil
Library	1	Nil	400	Nil
Language Laboratory	1	Nil	33	Nil

- "X" Category Courses such as Mechanical, Production, Civil, Electrical, Chemical, Textile, Marine, Aeronautical and Allie/Relevant Courses shall require an Additional Laboratory/at.
- Additional 5 labs per Course, if number of Branch is more than 2 per Course

*For First year Engg. Class work, the following labs are required: **Pl. tick if available:**

- 1) English Language Communication Skills Lab [√];
- 2) Computer Programming Lab [√]
- 3) Physics Lab [√];
- 4) Chemistry Lab [√];
- 5) IT Workshop [√];
- 6) Engineering Workshop [√].

*For first year class work, the following Pharmacy labs are required: **Pl. tick if available: NA**

- 1) Remedial Biology Lab [];
- 2) Dispensary & Hospital Pharmacy Lab - I [];
- 3) Pharm. Inorganic Chemistry lab [];
- 4) Pharmaceutical Organic Chemistry lab-I [];

5) Anatomy and Physiology lab []; 6) English Language Communication Skills Lab [].

Executive Summary

Introduction:

Jawaharlal Nehru Government Engineering College (JNGEC) was established in the year of 2006 at Sundernagar, Distt-Mandi (Himachal Pradesh) as First Engineering college in the state. JNGEC is an All India Council for Technical Education (AICTE) Delhi approved state Govt funded institute. Initially the college started with 4 years B.Tech programs in Mechanical Engineering(ME) and Textile Engineering(TE).

Later on, in the year of 2010 two more programs were introduced that are Electronics & Communication Engineering (ECE) and Civil Engineering (CE). An undergraduate program in Computer Science Engineering (AI&ML) and a Post Graduate program i.e. M.Tech in Construction Engineering and Management has also commenced in the year of 2022 under the same university. Currently ,four B.Tech Programme i.e. CE,ME,EC&E and TE are NBA accredited for two years 2023-24 and 2024-25.Our alumni are working in reputed organizations i.e. Govt and Private Sectors ,also go for higher education in eminent institutes i.e. NIT/IIT/IIM etc after qualifying GATE/CAT/SSB.

Vision: To be a premier institution imparting value-based education enabling innovation in frontier areas of technology that propels development of society at national and global arena.

Mission:

- To create an environment that enables creativity, research and innovation in engineering and technology.
- To impart value-based education that created leaders in engineering for upliftment of society at large.
- To strive for continuous improvement in imparting technical education.
- To have a liaison with lead institutions and industries.

Action Plan:

- Seek accreditation from agencies like **National Board of Accreditation (NBA) for 6 years** and **National Assessment and Accreditation Council (NAAC)**.
- Offer postgraduate and doctorate programs in fields like Computer Science, Civil Engineering, Mechanical Engineering, E&CE and Textile Engineering, etc.

- Create a **Centre of Excellence** in collaboration with industry leaders to foster innovation.
- Encourage faculty members to pursue Research and Publish papers in reputed journals.
- Promote entrepreneurship through an **Incubation Centre** to support Start-ups initiated by students and faculty.
- Organize Hackathons, Innovation contests, and Tech Fests to nurture creativity and problem-solving skills.

COWS Analysis

[Challenges, Opportunities, Weaknesses & Strengths]

Institutional Challenges:

- 1) Infrastructure Development: Space constraint due to hilly terrain.
- 2) Industry Collaboration: Lacking to build strong links with industries due to location.
- 3) Limited Exposure to Global Trends: Limited exposure to global technological trends and innovations due to financial constraints.
- 4) Lack of Research Funding/Activities: Submission of funding project and patent.
- 5) Maintaining a good placement record of students.
- 6) To balance the increasing co-curricular and administrative responsibilities, along with mandatory academic commitments.
- 7) To Start post graduate and PhD Programmes.
- 8) Digital Library and access to various reputed journal subscriptions.

Institutional Opportunities:

- 1) Autonomous status for better academic freedom and flexibility.
- 2) Industry-Linked Research and Development (R&D): Collaboration with industries such as Hydropower (a major industry in Himachal Pradesh).
- 3) Widening the establishment of MoUs with Industry, Institutions of Higher Learning and Companies.
- 4) More Research collaborations with National and International agencies and Institutes are to be made.
- 5) To design and implement additional social outreach programmes and activities.
- 6) To streamline and strengthen various research activities through MoUs and collaborations.
- 7) Strengthen Research and Consultancy.
- 8) Work towards Accreditation and Ranking.
- 9) Autonomous Status for better Academic freedom and flexibility.
- 10) Increase in E-Content and MOOC online credit courses.

Institutional Weaknesses:

- 1) Absence of hostel facilities for girls.
- 2) Limited Industry Presence and Placement Opportunities.
- 3) Lack of Advanced Research and Innovation.
- 4) Faculty Shortage.
- 5) Lack of Industry Exposure for Students.

Institutional Strengths:

- 1) Qualified and committed faculty recruited through HPPSC .
- 2) Institution is equipped with state of art lecture halls, seminar hall and well-equipped laboratories.
- 3) Accessibility for Local/Rural Students.
- 4) Affordability.
- 5) Government Initiatives: Scholarships are provided for meritorious students.
- 6) Peaceful and pollution free Environment for Studies.
- 7) Decentralized governance, Internal Quality Assurance Cell (IQAC) are established for quality.

Criteria wise Summary

1. Curricular Aspects:

The all departments of JNGEC ensure effective curriculum delivery through a well-planned and documented process (Course file), adhering to the academic calendar and conducting continuous internal assessments as per the ordinance of HPTU. The syllabus & curriculum followed by the College is set by the HPTU Hamirpur. Some of the Faculty members are also act as a subject expert of curriculum framing committees of the University. The College caters to more than 50% of the students belonging to the economically weaker sections of the society. It is a challenge to achieve the curriculum objectives, but the teachers of the College have evolved innovative and effective ways of delivering curriculum content that is specifically moulded for the students of our College. The College has provided laptops to all its teachers and all the classrooms are ICT enabled and the entire campus is Wi-Fi enabled. This has greatly facilitated the implementation of the curriculum as important online data bases of study material. With the dynamics of the employment market in mind and with the intention of providing skill development courses are added in curriculum, i.e. Human Rights, Personality and English Enhancement Course and Environment and yoga. There are plans to introduce more Honours courses in NEP curriculum. Now, the emphasis is on interdisciplinary and experiential pedagogy that integrates issues of gender, language, environment, human rights and information technology. The College organises regular seminars, special lectures, educational excursions and trips along with faculty development programmes and training modules for the effective implementation of the curriculum. To achieve the desired results institute has its own online feedback system for teachers/ faculty as well as departments used to take various feedback survey i.e. course end, Alumni, exit and employee survey by the end of each semester.

2. Teaching-learning and Evaluation:

The *Teaching, Learning, and Evaluation* C2 of the SSR emphasizes the institution's dedication to quality education through innovative teaching methods, student-centric learning, and robust evaluation systems. At JNGEC some of the departments are lacking in *faculty-student ratio* to provide personalized attention to each student. Meanwhile faculty members are so dedicated and normally used best *teaching practices* include interactive methods, technology integration, and practical sessions for student learning. The *evaluation process* is transparent, involving continuous assessments and exams, with reforms to ensure fairness and accuracy as per HPTU ordinances. Further, *Student performance* is regularly monitored to assess learning outcomes, while the *feedback Survey* gathers feedback to improve overall educational experiences, fostering continuous enhancement in teaching and learning.

3. Research, Innovations and Extension:

The *Student Performance and Learning Outcomes* section in the SSR focuses on evaluating the academic achievements and overall development of students. The institution

implements a structured system to monitor and assess *student performance* through continuous internal assessments, mid-term exams, and end-of-semester evaluations. These assessments are aligned with the course outcomes, ensuring that students meet the intended learning objectives. The college emphasizes *outcome-based education*, where specific learning outcomes are defined for each course, and student progress is regularly tracked against these outcomes. *Academic performance* is measured through various metrics, including pass percentages, rank achievements, and placement records. Additionally, the institution encourages *holistic development*, with a focus on skills development, industry exposure, and research initiatives.

The college also engages in *periodic reviews* of curriculum and teaching methods based on feedback from faculty and industry experts to ensure that the learning outcomes remain relevant and up-to-date with industry requirements. Continuous *Feedbacks* provide valuable insights into the effectiveness of the learning process. Furthermore, the institution provides opportunities for *extra-curricular and co-curricular activities*, enabling students to enhance their leadership, communication, and problem-solving skills.

4. Infrastructure and Learning Resources:

The *Infrastructure and Learning Resources* section of the SSR highlights the college's commitment to providing a conducive environment for academic excellence. The JNGEC boasts modern *classrooms*, well-equipped *laboratories*, and dedicated spaces for specialized learning in engineering disciplines. The college *library* is a central hub, housing an extensive collection of books, journals, e-resources, and online databases to support both learning and research. The college's *computer labs* are equipped with advanced software and high-speed internet, enabling hands-on learning and research. Additionally, the institution integrates *ICT-enabled learning resources*, including *smart classrooms*, *video conferencing*, and an online learning platform to enhance the teaching process. The campus also offers modern *hostel facilities* for boys only whereas construction of girls hostel is under process, sports ground and open air theatre for *cultural activities*, promoting holistic development. Moreover, *student support services*, including guidance, counselling, and career development resources, are readily available, reinforcing the college's focus on student success. Overall, JNGEC provides an advanced, student-centric infrastructure and a wide array of learning resources that support both academic and personal growth.

5. Student Support and Progression:

The *Student Support and Progression* section in the SSR of JNGEC focuses on the comprehensive support provided to students throughout their academic journey. The institution prioritizes the *academic growth* and *personal development* of students through various programs and services. The college offers *academic counselling* to help students choose the right courses and plan their academic careers. Additionally, *mentor-mentee systems* are in place, where faculty members provide guidance and support to students, addressing both academic and personal concerns. To facilitate *career progression*, JNGEC has a dedicated *placement cell* that organizes recruitment drives, internships, and industry interactions. The cell offers training in resume building, interview preparation, and soft

skills development, ensuring that students are well-prepared for the job market. The college also maintains strong industry links for *internship opportunities*, providing students with valuable real-world experience. The college actively monitors *student performance* and progression through regular assessments and feedback, offering interventions when necessary to ensure academic success. *Co-curricular and extracurricular activities* are encouraged to promote leadership, teamwork, and communication skills. Additionally, *financial support* is available in the form of scholarships, fee waivers, and student loans for eligible students. *Health services, hostel support, and counselling services* further contribute to the well-being and holistic development of students.

6. Governance, Leadership and Management:

The *Governance, Leadership, and Management* section of the SSR for JNGEC outlines the institutional framework that ensures efficient functioning and continuous improvement. The college follows a well-defined *governance structure*, with a clear hierarchy of decision-making and accountability. The *Board of Governors*, comprising members from diverse backgrounds, provides strategic direction and oversight, ensuring alignment with academic goals and industry trends. The institution is led by an experienced *Principal* and a team of *department heads* who play a crucial role in the day-to-day management, ensuring smooth operations and effective communication across various departments. The *Leadership* fosters a culture of academic excellence, innovation, and inclusivity, while also encouraging faculty and staff participation in institutional development. JNGEC follows a *transparent management system*, with regular reviews and audits to assess the effectiveness of academic, administrative, and financial processes. The institution is committed to *continuous improvement* through feedback mechanisms from students, faculty, and stakeholders, ensuring responsiveness to changing educational needs. In addition, the college provides opportunities for *professional development* for faculty and staff, including training, workshops, and conferences. *Strategic planning* for infrastructural development, academic programs, and research is done with a long-term vision to enhance the institution's reputation and ensure quality education. Overall, JNGEC's governance, leadership, and management systems are structured to support its mission of academic excellence and holistic student development.

7. Institutional Values and Best Practices:

The *Institutional Values and Best Practices* section of the SSR for JNGEC highlights the core principles and innovative practices that guide the college's operations and contribute to its academic and social impact. The institution upholds *values* such as integrity, transparency, inclusivity, and a commitment to social responsibility. These values are embedded in the college's policies, teaching practices, and community outreach initiatives, fostering an environment that encourages ethical behaviour, diversity, and respect for all. JNGEC emphasizes *sustainable development* through initiatives like *energy conservation, waste management, and green campus programs*. The college also promotes *gender equality*, with a strong focus on creating a safe and supportive environment for both male and female students and staff. The college is committed to *community engagement* and social responsibility, organizing outreach programs, awareness campaigns, and workshops that benefit local communities. *Student-driven initiatives*, such as technical fests, cultural activities, and social welfare projects, also contribute to the holistic

development of students. *Best practices* at JNGEC include *outcome-based education*, regular *industry collaborations*, and the use of *ICT in teaching*. The college regularly assesses the effectiveness of its programs through feedback and performance reviews, ensuring a continuous cycle of improvement. These values and best practices reflect the institution's mission to provide quality education, foster innovation, and contribute to the broader community.

HP Technical University, Hamirpur (HP)
Academic Audit
SSR Proforma to be submitted by Affiliated Institutions

PART I
Criterion 1 – Curricular Aspects

Key Indicator-1.1: Curricular Planning and Implementation

Item No.	Particulars
1.1.1	<p>The institution ensures effective curriculum delivery through a well-planned and documented process</p> <p>a) Maintenance of Course files: Lesson plan with course objectives and course outcomes are prepared by concerned faculty of the subject using standard formats defined by the department before the commencement of every semester. The format was duly approved by the Head of the Department.</p> <p>For each course, a course file is prepared by the concerned faculty as per the scheme of university curriculum. The contents of course file are given as under: -</p> <ol style="list-style-type: none"> 1) Teaching Plan. 2) Lesson Plan with Course outcomes. 3) Academic Calendar. 4) Syllabus. 5) Time Table. 6) Lecture Notes (handouts, drawings, slides, etc). 7) Assignments. 8) Mid-Semester/Final Exam/Previous year Question Paper with solution. <ol style="list-style-type: none"> i. Sessional Marks/Assignment Marks ii. CO-PO Attainment <ol style="list-style-type: none"> a) Full record of all results for all Attainment (print from Excel or similar, or submit all exam scripts if you have them). b) Sample of best student answer sheet, Assignment (photocopy, or printed scan).

	<p>c) Sample of average student answer sheet, Assignment (photocopy, or printed scan).</p> <p>d) Sample of worst student answer sheet, Assignment (photocopy, or printed scan).</p> <p>9) Observations with Action Plan.</p> <p>10) Attendance (Register).</p> <p>HOD monitors the maintenance of course files and class deliveries.</p> <p>b) Use of various instructional methods and pedagogical initiatives:</p> <p><input type="checkbox"/> <i>Lecture method and Interactive learning:</i> The faculty deliver lectures through a variety of methods like through chalk and board method, presentations, case studies, discussions etc. Students are being encouraged by the faculty members to actively involved in the lecture session by asking questions and doubts.</p> <p><input type="checkbox"/> <i>Project-based learning:</i> Efforts are made to a lot the projects by taking real time problems/society related issues, so that students contribute or disseminate knowledge in society. During the Seminar class in 6th semester and project work in 8th semester, many real time seminars/projects are given to the student. Some faculty also give practical / survey based / real time problem in their respective courses also.</p> <p><input type="checkbox"/> <i>Online study material/ lecture videos:</i> The faculty prepare study material/ hand-outs for students and share with students through google classroom. Some faculty also have prepared video lectures of theory as well as laboratory courses.</p> <p>Attach as Annexure(s): Any additional information - view details</p>
1.1.2	<p>The institution adheres to the academic calendar including conduct of CIE.</p> <p>a) Compliance to Academic calendar: HPTU circulates academic calendar of each session. All the academic activities are carried out as per the university academic calendar. The Department also prepares its own calendar aligned with the University academic calendar for planning and carrying out different academic activities throughout the semester.</p> <p>Attach as Annexure(s) Any additional information- view details</p>
1.1.3	<p>Teachers of the institution participate in following activities related to curriculum development and assessment of the University and/are represented on the following academic bodies during the last five years</p> <p>(a) Academic Council/BoS of Affiliating University</p> <p>(b) Setting of question papers for UG/PG programs</p> <p>(c) Design and Development of Curriculum for Add on/certificate/diploma courses</p> <p>(d) Assessment/evaluation process of the affiliating University</p>

	<p>Options:-</p> <ol style="list-style-type: none"> 1. All of the above. 2. Any 3 of the above. 3. Any 2 of the above. 4. Any 1 of the above. 5. None of the above <p>Response: 2</p> <p>Data requirement:</p> <p>No. of teachers participated : documents attached</p> <p>Name of the body in which full time teacher participated</p> <p>Total No. of teachers</p> <p>Attach as Annexure(s)</p> <p>Detail of participation of teachers in various bodies/activities provided as a response to above (Scanned copies of the letters issued by the University/Institutions w.r.t. the activity in which the teachers are involved). view copies</p> <p>Any additional information</p>
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Key Indicator-1.2 Curriculum Enrichment

Item No.	Particulars
1.2.1	<p>Institution integrates cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.</p> <p>Course related to Professional Ethics in 1st year scheme to instil a sense of responsibility and integrity in students. Students learn to navigate ethical dilemmas, understand the importance of honesty, transparency, and accountability in their professional lives.</p> <p>Gender issues are integrated to promote equality and awareness of diverse perspectives. By including gender studies and discussions on equity, Gender, Human Values are embedded throughout the curriculum to encourage students to embrace compassion, respect, empathy, and social responsibility. Students develop a more inclusive outlook and a greater understanding of gender dynamics in professional and societal contexts.</p> <p>Environment and Sustainability are increasingly emphasized as global challenges. Courses focus on environmental issues, climate change, and sustainable practices, ensuring that students are equipped to contribute to a sustainable future.</p> <p>By integrating these issues, institutions foster graduates who are not only skilled professionals but also socially responsible individuals committed to ethical, inclusive, and sustainable practices.</p> <p>Attach as Annexure(s)</p> <p>Any additional information.</p> <p>Attach the list and description of courses and/or initiatives taken which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum. view details induction program</p>

1.2.2	Average percentage of courses that include experiential learning through project work/field work/internship during the last five years																			
	1.2.2.1	No. of courses that include experiential learning through project work/field work/internship year wise during the last five year.																		
	Data requirement for last five years: <ul style="list-style-type: none">• Name of the Course• Details of experiential learning through project work/field work/internship• Name of the programme Formula: Percentage per year = $\frac{\text{No. of courses that include experiential learning through project work/field work/internship} \times 100}{\text{Total No. of courses in all programmes}}$ $\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$ = 25%																			
	Attach as Annexure(s) <ul style="list-style-type: none">• Any additional information. view details• Programme/curriculum/syllabus of the courses.• Minutes of the Board of Studies/Academic Council meetings with approvals for these courses.• MoU’s with relevant organizations for these courses, if any.• Average percentage of courses that include experiential learning through project work/field work/internship.																			
1.2.3	Percentage of students undertaking project work/field work/internships (data for the latest completed academic year)																			
	1.2.3.1	No. of students undertaking project work/field work/internships																		
	<table><tr><td>Department</td><td>CSE</td><td>TE</td><td>ME</td><td>CE</td><td>ECE</td><td></td></tr><tr><td>Students</td><td>78</td><td>39</td><td>50</td><td>72</td><td>59</td><td></td></tr></table>						Department	CSE	TE	ME	CE	ECE		Students	78	39	50	72	59	
	Department	CSE	TE	ME	CE	ECE														
Students	78	39	50	72	59															
Data requirement: <ul style="list-style-type: none">• Name of the programme• No. of students undertaking project work/field work/internships Formula: $\frac{\text{No. of students undertaking project work/field work/internships} \times 100}{\text{Total No. of students}}$ = 298/ 313 x100 = 95%																				
Attach as Annexure(s) <ul style="list-style-type: none">• Any additional information.• List of programmes and number of students undertaking project work/field work/internships Annexure 1.2.3																				

Key Indicator 1.3 (Feedback System)

Item No.	Particulars															
1.3.1	<p>Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders</p> <p>(1) Students (2) Teachers (3) Employees (4) Alumni</p> <p>Options:-</p> <p>(A) All of the above. (B) Any 3 of the above (C) Any 2 of the above (D) Any 1 of the above (E) None of the above</p> <p>Response: All of above ; The following survey formats will be circulated by each deptt. at the end of semester i.e</p> <table><tr><th>Stakeholders</th><th>Survey form</th><th>frequency</th></tr><tr><td>Student</td><td>Course end survey by individual course coordinator</td><td>end of every course</td></tr><tr><td>Teacher</td><td>online feedback by Director/Principal</td><td>each semester</td></tr><tr><td>Employee</td><td>Employee survey</td><td>Continously</td></tr><tr><td>Alumni</td><td>Alumni Survey / Exit survey</td><td>Continously</td></tr></table> <p>Parameters mentioned in the surveys formats are related with POs (Programme Outcomes) directly. Analysis of surveys are done at each semester and final PO attainment is achieved. sample formats are given below.</p>	Stakeholders	Survey form	frequency	Student	Course end survey by individual course coordinator	end of every course	Teacher	online feedback by Director/Principal	each semester	Employee	Employee survey	Continously	Alumni	Alumni Survey / Exit survey	Continously
Stakeholders	Survey form	frequency														
Student	Course end survey by individual course coordinator	end of every course														
Teacher	online feedback by Director/Principal	each semester														
Employee	Employee survey	Continously														
Alumni	Alumni Survey / Exit survey	Continously														

CE 401 and CE 410 COURSE END SURVEY 2021 (Session May-July 2021)

B.Tech CE 4th Sem (Batch 2019-2023)

Email *

valid email

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This course end survey will help to determine the importance and relevance of the courses taught in the current semester to achieve the target course outcomes. Rate the below mentioned questions according to learning, ability and knowledge gained by students.

For rating, you may write any option as per the following criteria:

3: Strongly Agree 2: Agree 1: Disagree

Description (optional)

Answer the following questions in terms of rating. For rating, you may write any option as per the following criteria:

3	Strongly Agree
2	Agree
1	Disagree

Section 2 of 3

CE-401: Structural Analysis

Students have to rate their abilities

After completion of the course:

Description (optional)

1. Are you able to Compare the stable, unstable, statically and kinematically determinate and indeterminate structures?

1 2 3

2. Can you apply principles of statics to determine reactions, internal forces in statically determinate framed structures, trusses, arches & cables?

1 2 3

3. Can you estimate the deflections/displacements in rigid and pin-jointed structures using appropriate method?

1 2 3

CE EXIT SURVEY 2022 (BATCH 2018-2022)

PART A: ABILITIES

The aim of this part of survey is to understand the learning and capabilities you have gained after completion of B.Tech programme.

Give your feedback carefully according to the rating:
"3=Very good, 2=Satisfactory, 1=Unsatisfactory"

Rate your following abilities you have gained during the B.Tech Course: -

sunshisharma.ce@gmail.com [Switch account](#)

* Required

Email *

Your email

1. Engineering Knowledge: Ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems

1 2 3

PART B: FACILITIES

The aim of this part survey is to gain your feedback regarding the facilities provided by the Institution.

Kindly rate your satisfaction level with the following aspects of the Institute according to the rating:
"3=Very good, 2=Satisfactory, 1=Unsatisfactory"

Rate the following facilities in the Institute:

1. Library

1 2 3

2. Computer Centre

1 2 3

**JAWAHARLAL NEHRU GOVERNMENT ENGINEERING COLLEGE,
SUNDERNAGAR (JNGEC)
ALUMNI FEEDBACK FORM**

Name of the Alumni	ADITI RANA
Year of Graduation	2020
Name of the Company / Organization/Institute	IIT MANDI
Designation of the Alumni	MS Scholar
Alumni contact Mobile No.	9459078843
Alumni contact E - Mail Id	aditirana412@gmail.com

S no	Questionnaire for feedback	Ratings(3=Strongly agree, 2=Agree, 1=Disagree)		
		3	2	1
1	Have you apply knowledge of mathematical foundations, science and engineering concepts to solve the problems in Civil Engg? (PO1)	✓		
2.	Can you identify, formulate and analyze Engineering problems in reaching substantial conclusions using analytical tools appropriate to Civil Engg? (PO2)	✓		
3.	Have you learnt design/develop a process/technique to meet desired needs within realistic constraints relating to economic, environmental, social and ethical, health & safety and sustainability concerns? (PO3)		✓	
4.	Have you conducted the investigation , experiments, analyse and interpret the data to provide justified and verifiable conclusion(PO4)		✓	
5.	Have you applied techniques and resources to solve Engineering problems? (PO5)		✓	
6.	Can you assess safety, legal and environmental issues and consequent responsibility relevant to the Civil Engineering practices?(PO6)	✓		
7.	Have you understood the impact of the professional Civil Engineering solutions in relations to societal needs, environmental concerns and sustainable development? (PO7)	✓		
8.	Can you apply and commit the professional ethics and norms of Civil Engg. Practice? (PO8)	✓		
9.	Did you learn to function effectively as a member and/or leader in diverse teams?(PO9)	✓		
10.	Are you able to communicate effectively; comprehend			

Data Requirement:

Report of analysis of feedback received from different stakeholders year wise

Attach as Annexure(s)

- URL for stakeholder feedback report, if any
[Student feedback report](#)

	<p>Online Teacher Feedback Report Teacher Feedback Report</p> <ul style="list-style-type: none"> • Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management • Any additional information
1.3.2	<p>Feedback process of the Institution may be classified as follows</p> <p>Options:</p> <p>(A) Feedback collected, analysed, action taken and feedback available on website (B) Feedback collected, analysed and action has been taken. (C) Feedback collected and analysed. (D) Feedback collected. (E) Feedback not collected.</p> <p>Response: Feedback collected, analysed, action taken and feedback available on website</p> <p>Attach as Annexure</p> <ul style="list-style-type: none"> • Stakeholders' feedback report, action taken report of the institute. view details • Any additional information. • URL for feedback report, if any. View Latest Report

Criterion 2 – Teaching-Learning and Evaluation

Key Indicator-2.1 Student Enrolment and Profile

Item No.	Particulars								
2.1.1	Average Enrolment percentage (Average of last five years)								
	2.1.1.1	No. of students admitted year wise during the last five years -							
		Item		CAY (2024-25)	CAYm1(2023-24)	CAYm2(2022-23)	CAYm4(2021-22)	CAYm 5(2020-21)	Total
		Total no. of students admitted	Against Sanctioned intake	369	339	290	184	174	1356
	Other Categories		175	143	65	35	54	472	
	2.1.1.2	No. of sanctioned seats year wise during the last five year-							
			CAY (2024-2025)	CAY m1(2023-24)	CAY m2(2022-23)	CAY m3(2021-22)	CAY m4(2020-21)		
		Total no. of Seats Sanctioned	315	315	315	240	240		
	Data requirement for last five years <ul style="list-style-type: none">Total No. of students admitted.Total No. of sanctioned seats. Percentage per year= $\frac{\text{Total No. of students admitted}}{\text{Total No. of sanctioned seats}} \times 100 = 1356 / 1425 \times 100$ $= 95.15\%$ Average percentage = $\sum \frac{\text{Percentage per year}}{5}$ $= 95.15/ 5$ $= 19.03\%$ Attach as Annexure(s) <ul style="list-style-type: none">Any additional information.Institutional data in prescribed format- Annexure 2.1.1								
	2.1.2	Average percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the last five years (exclusive of supernumerary seats))							
2.1.2.1		No. of actual students admitted from the reserved categories year wise during the last five years							

	Year	CAY (2024-25)	CAYm1(2023-24)	CAYm2(2 022-23)	CAYm4 (2021- 22)	CAYm5(2 020-21)	Total
	Number	175	143	65	35	54	472
<p>Data requirement for last five years:</p> <ul style="list-style-type: none"> No. of students admitted from the reserved category. Total No. of seats earmarked for reserved category as per State Government/Himachal Pradesh Technical University rules. <p>Percentage per year= $\frac{\text{Actual No. of students admitted from the reserved categories}}{\text{No. of seats earmarked for reserved category as per GOI or State Government rule}} \times 100$</p> <p>= $472 \times 100 / 783$</p> <p>= 60.2 %</p> <p>Average percentage = $\sum \frac{\text{Percentage per year}}{5}$</p> <p>= $60.2 / 5$</p> <p>= 12.05%</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information Average percentage of seats filled against seats reserved 							
2.1.3	<p>Principal/Director Name: Rajeev Khanduja</p> <p>Date of Birth: 02 May, 1972 Age: 52 yrs ,7 months (age <65 yrs)</p> <p>Qualifications: Ph. D. in Engg [<input checked="" type="checkbox"/>] / Ph. D. in Sciences / Ph. D. in Mgmt. / Ph. D. in Pharmacy / Ph. D. in Maths /Non-Ph.D / No Principal (Pl. tick)</p> <p>Date of appointment in the present institution: 31-03-2018</p> <p>Principal recruited/appointment ratified through H.P. Technical University: Yes [<input type="checkbox"/>], No [<input checked="" type="checkbox"/>]</p> <p>If no, Reason thereof: As the college is under The Directorate of Technical Education and funded by Govt of Himachal Pradesh , so all the recruitment processes has been done through HPPSC.</p>						

2.1.4: Teaching Faculty Position: - Department wise (Enclose copies of all degrees & Aadhar Card):

S. No	Course	Branch/Deptt.	No. of Faculty members present in the Dept. on the day of Inspection/Visit of Team			Faculty on leave (With proof)	Remarks, if any
			Prof.	Assoc. Prof.	Asstt. Prof.		
1.	B. Tech.	Civil	0	1	4		view degrees
2		Mechanical	2	0	8		view degrees

3.		Computer	0	1	2	view degrees
4.		Electronics	0	0	7	view degrees
5.		IT	-	-	-	
6.		Applied Science & Humanities	0	1	5	view degrees
7.		Textile	0	0	10	view degrees
		Total				

2.1.5 Faculty: Students' ratio:-

Norms	Required	Actual	Deficiency		
Engg (UG) =1:20	1:20		Prof.	Asso.Prof	Asstt. Prof
Civil Engineering		1:25	1	1	2
E&CE		1:26	1	2	-
Mechanical Engineering		1:19	-	-	
Textile Engineering		1:12	-	2	-
CSE(AI&ML)		1:30	1	1	4
Engg (PG) =1:15	1:15	1:25	1	1	1
Civil Engineering (CE&M)					
BBA/BCA = 1:25					
Management =1:20					
Pharmacy: for intake of 60: Professor-4, Associate Professor-4, Assistant Professor-7					

The cadre ratio should be 1: 2: 6 (Professor / Associate Professor / Assistant Professor)

* Faculty to be considered as full time are those who are qualified as per AICTE/PCI requirements

** Faculty/ student ratio of a dept. shall not be less than 1: 20 for 2nd, 3rd and 4th years of B.Tech. programmes and overall ratio should also be 1:20.

For PG Courses:

One professor with Ph. D. in concerned discipline and two Associate Professors/Assistant Professors with minimum M. Tech. Qualifications are necessary, exclusive of UG load.

2.1.6 Total Staff Position of the College/Institution

Total No. of Teaching Faculty (Actual)	Total No. Labs & Supporting Staff* (Actual)
42 (including Librarian)	6+2+2 (Lab Tech+W/I+LA)

* Faculty to supporting staff (Programmers/Lab Assistants/Technicians) ratio should be 1: 0.5

iv) Appointment/Ratification of Faculty through H.P. Technical University Selection Committee (Private College): Not Applicable

No. of faculty recruited/ratified through University: None out of total Nil
= Nil %

Key Indicator-2.2 Catering to Student Diversity

Item No.	Particulars
2.2.1	<p>The institution assesses the learning levels of the students and organizes special programmes for advanced learners and slow learners.</p> <p>The faculty Counsellors/In charges regularly conduct meetings to monitor the progress of their mentees. Under the HOD direction, the faculty counsellors, academic and attendance coordinator monitor the progress of students and identify the students who have scored less than 40% marks in three or more subjects in internal periodical examinations and are having monthly attendance less than 75%. Such students are considered as academically weak students and parents/guardians are informed through letters and SMS of their wards. Students are counselled through meetings with HOD, Class In charge and Academic coordinator of Dept.</p> <p>Bright students are identified from their participation in classroom discussion, performance in sessional examination and end semester university examination. The Impact is seen in college events and placement and end semester results.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Paste link for additional information, if any. • Any additional information
2.2.2	<p>Students : Full time teacher ratio (Data for the latest completed academic year)</p> <p style="text-align: center;">Students : teachers :: 369::52</p> <p>Data requirement:</p> <ul style="list-style-type: none"> • Total No. of students enrolled in the institution = 369 • Total No. of full time teachers in the institution =52 <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Any additional information.

Key Indicator-2.3 Teaching-Learning Process

Item No.	Particulars						
2.3.1	<p>Student centric methods, such as experiential learning, participative learning and problem solving methodologies used for enhancing learning experiences</p> <p>Student-centric methods to enhance learning experiences are implemented by each department i.e <i>Experiential Learning</i> carried out using hands-on activities such as laboratory experiments, field visits, and industry internships, allowing students to apply theoretical knowledge in real-world contexts. <i>Participative Learning</i>, The departments encourages active student participation through seminars, group discussions, and collaborative projects, and interdisciplinary events in NSS, NCC RED CROSS fostering a deeper understanding. <i>Problem-Solving Methodologies</i> JNGEC incorporates problem-solving approaches in the curriculum, enabling students to tackle complex challenges and develop critical thinking skills.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Link of additional information, if any 						
2.3.2	<p>Teachers use ICT enabled tools for an effective teaching-learning process. Use of various instructional methods and pedagogical initiatives:</p> <p>Lecture method and Interactive learning:</p> <p>The faculty deliver lectures through a variety of methods like through chalk and board method, presentations, case studies, discussions, use of pen-tab and iPad etc. Students are being encouraged by the faculty members to be actively involved in the lecture session by asking questions and doubts.</p> <p>Virtual Labs: Some of the practicals are explained through virtual labs. The Institute is one of the nodal centres of IIT Roorkee's Virtual Labs.</p> <p>Online study material/ lecture videos The faculty prepare study material/ handouts for students and share with students through google classroom. Some faculty also have prepared video lectures of theory as well as laboratory courses.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. view details Provide link for webpage describing the ICT enabled tools for effective teaching-learning process, if any view pictures 						
2.3.3	<p>Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">2.3.3.1</td><td>No. of mentors =14 Nos</td></tr> <tr> <td></td><td>No. of students assigned to each Mentor = 24 Nos</td></tr> <tr> <td></td><td>Mentor: Mentee : 1: 24</td></tr> </table>	2.3.3.1	No. of mentors =14 Nos		No. of students assigned to each Mentor = 24 Nos		Mentor: Mentee : 1: 24
2.3.3.1	No. of mentors =14 Nos						
	No. of students assigned to each Mentor = 24 Nos						
	Mentor: Mentee : 1: 24						

	Attach as Annexure(s) <ul style="list-style-type: none"> Year wise number of students enrolled and full time teachers on roll. Circulars pertaining to assigning mentors to mentees view details Mentor/mentee ratio view procedure
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Key Indicator-2.4 Teacher Profile and Quality

Item No.	Particulars																					
2.4.1	<p>Average percentage of full time teachers against sanctioned posts during last five years Data requirement for last five years:</p> <table><tr><th></th><th>CAY (2024-2025)</th><th>CAY m1(2023-24)</th><th>CAY m2(2022-23)</th><th>CAY m3(2021-22)</th><th>CAY m4(2020-21)</th><th>Total</th></tr><tr><td>Total Sanctioned Posts</td><td>108</td><td>108</td><td>108</td><td>97</td><td>-</td><td>421</td></tr><tr><td>Total Filled Seats</td><td>52</td><td>57</td><td>60</td><td>61</td><td>-</td><td>230</td></tr></table> <ul style="list-style-type: none">No. of full time teachers .No. of sanctioned posts.Formula: $\text{Percentage per year} = \frac{\text{No. of full time teachers} \times 10}{\text{No. of sanctioned posts}}$$= \frac{230}{421} \times 100 = 54.6\%$$\text{Average percentage} = \frac{\sum \text{Percentage per year}}{4}$$= 13.65\%$ <ul style="list-style-type: none">Attach as Annexure(s)Year wise full time teachers and sanctioned posts for five years - view listsAny additional information.List of the faculty members authenticated by the Head of HEI.		CAY (2024-2025)	CAY m1(2023-24)	CAY m2(2022-23)	CAY m3(2021-22)	CAY m4(2020-21)	Total	Total Sanctioned Posts	108	108	108	97	-	421	Total Filled Seats	52	57	60	61	-	230
	CAY (2024-2025)	CAY m1(2023-24)	CAY m2(2022-23)	CAY m3(2021-22)	CAY m4(2020-21)	Total																
Total Sanctioned Posts	108	108	108	97	-	421																
Total Filled Seats	52	57	60	61	-	230																
2.4.2	<p>Average percentage of full time teachers with Ph.D./D.Sc./D.Lit. during the last five years (consider only the highest degree for count)</p>																					

2.4.2. 1	No. of full time teaches with Ph.D./D.sc./D.Lit. during the last five years				
	Year	2024-2025	2023-2024	2022-2023	2021-2022
	Number	14	8	8	8
<p>Data requirement for last five years:</p> <ul style="list-style-type: none">No. of full time teachers with Ph.D./D.Sc./D.Litt. = 38Total No. of full time teachers. = 230 <p>Formula:</p> <p>Percentage per yea r=$\frac{\text{No. of full time teachers with Ph.D./D.Sc./D.Lit.} \times 100}{\text{Total No. of full time teachers}}$</p> <p>= 3800/230</p> <p>= 16.5 %</p> <p>Average percentage = $\frac{\sum \text{Percentage per year}}{5}$</p> <p>= 16.5/4</p> <p>= 4.1%</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">Any additional information.List of full time teachers with Ph.D./D.Sc./D.Lit. and number of full time teachers for five years. <p>List of full time teachers</p> <p>List of full time teachers with Ph.D</p>					
2.4.3	Average teaching experience of full time teachers in the same institution (data for the latest completed academic year in number of years)				
2.4.3. 1	Total experience of full time teachers.				
<p>Data requirement for last five years:</p> <ul style="list-style-type: none">Name and No. of full time teachers with years of teaching experiencesFormula: <p>$\frac{\text{Sum of total experience of full time teachers in the same institution}}{\text{No. of full time teachers}}$</p> <p>= 390 /52</p> <p>=7.5 years</p> <ul style="list-style-type: none">Attach as Annexure(s)Any additional information.List of teachers including their PAN, designation, department and experience details <p>view list</p>					

Key Indicator-2.5 Evaluation Process and Reforms

Item No.	Particulars
2.5.1	<p>Mechanism of internal assessment is transparent and robust in terms of frequency and mode</p> <p>The internal assessment mechanism followed by JNGEC as per ordinance of Himachal Pradesh Technical University (HPTU), Hamirpur is designed to be transparent and robust, ensuring fair and consistent evaluation of students throughout the academic semester. The mechanism is based on frequent and diverse assessment modes to track student progress continuously. Internal assessment are conducted as Direct and Indirect Assessment</p> <p>Attach as Annexure(s) Annexure 2.5.1</p> <ul style="list-style-type: none"> Any additional information.
2.5.2	<p>Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient</p> <p>A transparent, time-bound, and efficient mechanism is in place to address internal examination-related grievances. Students can meet the concerned course coordinator and discuss their grievances regarding exam papers, evaluation, or any discrepancies to the examination in person. In case of unsatisfactory outcomes, students can appeal to a higher authority.</p> <p>Attach as Annexure Any additional information.</p>

Key Indicator-2.6 Student Performance and Learning Outcome

[National Credit Framework (NCrF) Learning Objectives and Learning Outcomes]

Item No.	Particulars
2.6.1	<p>Teachers and students are aware of the stated programme and course outcomes of the programmes offered by the institution.</p> <p>Describe course outcomes (COs) for all courses and mechanism of communication within minimum of 100-150 words and maximum of 500 words.</p> <p>Course Outcomes are the expected abilities of students based on relevance of the course, divided into the different levels/stages of abilities gained. Levels are decided according to knowledge levels of Bloom's Taxonomy. The COs' are prepared for each subject (theory and practical) by the faculty based on the contents of the syllabus and expected outcomes of the contents.: correlating with these levels bases on the expected result/aim of the course. Each CO is assigned appropriate knowledge level. The defined COs that are assessed through various evaluation methods such as quizzes, assignments, practicals, projects, and examinations.</p>

	<p>The course outcomes are communicated through following: ways:</p> <ol style="list-style-type: none"> 1. The faculty conveys and explains the contents of the course and expected course outcomes during the first lecture of the subject at the start of the semester. 2. Course outcomes are mentioned in the assignments and question papers and each question is mapped with the relevant course outcome. 3. Students provide feedback on whether COs were met during the course end surveys <p>Attach as Annexure(s): Course Outcomes: Civil Engg: view details, Mechanical Engg: view details Any additional information.</p>				
2.6.2	<p>Attainment of Programme outcomes and course outcomes are evaluated by the institution</p> <p>Describe the method of measuring the level of attainment of POs, PSOs and COs in 100-500 words.</p> <ol style="list-style-type: none"> 1. Program Outcomes – Competencies – Performance Indicator: The competencies and performance indicators are adopted as given for B.Tech Civil Engineering programme as mentioned in Section 3 , Page 15 of AICTE Reforms policy 2. Identification of Performance Indicators for courses: <p>The relevant/ suitable performance indicators matching with the course outcomes as prepared by faculty are identified according to knowledge levels of revised Blooms Taxonomy as per the previous process. This will vary for each course and each course outcome, depending on the content of the course and the expected outcome.</p> <p>3. CO-PO mapping:</p> <p>After identification of performance indicators, an analysis is done through an excel sheet in which number of performance indicators matching with a course outcome are calculated. As per the document, each PO has different number of assigned performance indicators which define their measurement, which will be called as “Total Performance Indicators”.</p> <p>Each Course outcome are mapped with performance indicators, and no. of “Mapped performance indicators” will be counted. For each CO percentage of (Mapped performance indicators)/(Total Performance Indicators) calculated. More will be the percentage of mapped COs, more is the mapping of CO with PO. Hence, a mapping matrix of each CO with PO will be created based on the calculations.</p> <table border="1"> <tr> <th>Mapping Percentage</th><th>CO-PO Mapping Level (ML)</th></tr> <tr> <td>≥ 67 and < 100%</td><td>3</td></tr> </table>	Mapping Percentage	CO-PO Mapping Level (ML)	≥ 67 and < 100%	3
Mapping Percentage	CO-PO Mapping Level (ML)				
≥ 67 and < 100%	3				

	≥ 33 and $< 67\%$		2					
	$> 0\%$ and $< 33\%$		1					
	$= 0\%$		0					
4.CO-PSO mapping:								
As the performance indicators are not defined for programme specific outcomes, in AICTE exams reforms document, mapping of COs with PSO is done by faculty as per the relevance of each course outcome with the programme specific outcomes. Mapping level 3,2,1 is designated as per the level/degree of matching as per the expected outcomes. After this CO-PO-PSO matrix is generated.								
5.CO-PO-PSO Attainment:								
After CO-PO-PSO matrix is created, the attainment of COs, POs and PSO is done through midterm examinations, assignments, quizzes for theory courses and file work, lab performance and viva for practical courses by mapping questions/ parameters with COs. Evaluation of seminar/ project/ industrial training/ industrial training is done through parameters mapped with POs and PSOs. Course end surveys, Alumni Survey, Exit Survey, Employer Survey are conducted as per COs, POs and PSOs from time to time to gain feedback of students, alumni, passing out batch and employers of alumni for indirect attainment.								
Attach as Annexure(s) : click here								
• Any additional information.								
2.6.3	Average pass percentage of students during the last five years							
3								
2.6.3.1	Total No. of final year students who passed the University examination year wise during the last five years.							
2.6.3.2	Total No. of final year students who appeared for the University examination year wise during the last five years							
		Year 1 2020-24	Year 2 2019-23	Year 3 2018-22	Year 4 2017-21	Year 5 2016-20	Total	
	No. of student appeared	228	222	221	231	250	1152	
	No. of students passed	154	185	221	231	250	1041	
Data requirement								
• Programme code								
• Name of the Programme								
• No. of students appeared								
• No. of students passed								

	<ul style="list-style-type: none"> • Pass Percentage <p>Formula:</p> $\text{Percentage per year} = \frac{\text{Total No. of final year students who passed in the University examinations}}{\text{Total No. of final years students appeared for the University examinations}} \times 100$ $= \frac{104100}{1152}$ $= 90.36\%$ $\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$ $= 90.36 / 5$ $= 18.07 \%$ <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • List of programmes and No. of students passed and appeared in the final year examination. Annexure 2.6.3 • Any additional information.
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Key Indicator-2.7 Student Satisfaction Survey (SSS)

Item No.	Particulars (SSS by HPTU)
2.7.1	<p>Online student satisfaction survey regarding teaching learning process of about 20% students.</p> <p>Nil: No feedback is taken by HPTU</p> <p>However, centrally online feedback survey is conducted by Director Principal at the end of each semester through CSE deptt.</p> <p>Data requirement:</p> <ul style="list-style-type: none"> • Name/Class/Gender • Student Id Number/Aadhar Id Number • Mobile Number • Email Id • Degree programme • (Data base of all currently enrolled students need to be prepared and shared with H.P. Technical University) <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Any additional information. • Database of all currently enrolled students

Criteria-3 Research, Innovations and Extension

Key Indicator 3.1 Resource, Mobilization for Research

Item No.	Particulars					
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)				
		Year				
		INR in Lakhs	Nil			
	Data requirement for last five years: <ul style="list-style-type: none">Name of the Project/EndowmentsName, Designation & Department of the Principal InvestigatorYear of AwardFunds providedDuration of the Project Attach as Annexure(s) <ul style="list-style-type: none">Any additional information.E-copies/hard copies of the grant award letters for sponsored research projects/endowments.List of endowments/projects with details of grants/hard copies					
3.1.2	Percentage of departments having Research projects funded by government and non-government agencies during the last five years					
	3.1.2.1	No. of departments having research projects funded by government and non-government agencies during the last five years				
		Year	NIL			
		Number	-	-	-	-
	Data requirement for last five years: <ul style="list-style-type: none">Name, Designation & Department of Principal InvestigatorDuration of projectName of the research projectAmount/Fund receivedName of the funding agencyYear of sanction Formula: <div>No. of departments having research projects funded by government/non-government agencies during the last five years x 100 Total No. of departments</div>					

	Attach as Annexure(s) <ul style="list-style-type: none"> List of research projects and funding details. Any additional information. Supporting document from Funding Agency. Paste link of Funding Agency website, if any. 					
3.1.3	Number of seminars/conferences/workshops conducted by the institution during the last five years					
3.1.3.1	Total No. of seminars/conferences/workshops conducted by the institution year wise during the last five years					
	Year	2024-25	2023-24	2022-23	2021-22	2020-21
	Number	16	-	14	36	-
Data requirement: <ul style="list-style-type: none"> Name of the workshops/seminars No. of participants Date (from-to) Link to the activity report on the website, if any. Attach as Annexure(s) <ul style="list-style-type: none"> Report of the event. Any additional information. List of workshops/seminars during the last five years. Annexure 3.1.3 						

Key Indicator 3.2-Research Publication and Awards

Item No.	Particulars						
3.2.1	No. of papers published per teacher in the Journals notified on UGC website during the last five years						
3.2.1.1	No. of research papers in the Journals notified on UGC website during the last five years						
	Year	2024-25	2023-24	2022-23	2021-22	2020-21	
	Number	10	4	10	6	2	
Total Publications=32							
Data requirement: <ul style="list-style-type: none"> Title of paper Name of the author/s Department of the teacher Name of Journal Year of publication ISBN/ISSN Number 							

	<p>Formula:</p> $\frac{\text{No. of publications in UGC notified journals during the last five years}}{\text{Average No. of full time teachers during the last five years}} = 32 / 57 = \mathbf{0.56}$ <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">Any additional information.List of research papers by title, author, department, name and year of publication Annexure 3.2.1																								
3.2.2	<p>No. of books and chapters in edited volumes/books published and papers published in National/International conference proceedings per teacher during the last five years</p> <table><tr><td>3.2.2.1</td><td colspan="7">Total No. of books and chapters in edited volumes/books published and papers in National/International conference proceedings year wise during the last five years</td></tr><tr><td></td><td>Year</td><td>2024-25</td><td>2023-24</td><td>2022-23</td><td>2021-22</td><td>2020-21</td><td></td></tr><tr><td></td><td>Number</td><td>32</td><td>22</td><td>13</td><td>16</td><td>7</td><td></td></tr></table> <p style="text-align: right;">Total Publications=90</p> <p>Data requirement for last five years:</p> <ul style="list-style-type: none">Name of the teacher: Title of the paperTitle of the book published: Name of the author/s: Title of the proceedings of the conferenceName of the publisher: National/InternationalNational/International: ISBN/ISSN number of the proceedingsYear of publication. <p>Formula:</p> $\frac{\text{Total No. of books and chapters in edited volume, books, published and papers in National/International conference proceedings during the last five years}}{\text{Average No. of full time teachers during the last five years}} = 90 / 57 = \mathbf{35.9}$ <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">Any additional information.List of books and chapters edited volumes/books published. Annexure 3.2.2	3.2.2.1	Total No. of books and chapters in edited volumes/books published and papers in National/International conference proceedings year wise during the last five years								Year	2024-25	2023-24	2022-23	2021-22	2020-21			Number	32	22	13	16	7	
3.2.2.1	Total No. of books and chapters in edited volumes/books published and papers in National/International conference proceedings year wise during the last five years																								
	Year	2024-25	2023-24	2022-23	2021-22	2020-21																			
	Number	32	22	13	16	7																			

Key Indicator 3.3: Extension Activities (NCC/NSS/Red Cross/YRC etc.)

Item No.	Particulars						
3.3.1	Extension activities carried out in the neighbourhood community, sensitizing students to social issues for their holistic development, and impact hereof during the last five years						
	Describe the impact of extension activities in sensitising students to social issues and holistic development within a maximum of 150 words Extension activities through NSS, NCC, Unnat Bharat Abhiyan, and Red Cross play a significant role in sensitizing students to social issues and promoting holistic development. These initiatives encourage students to engage with communities, understand their challenges, and contribute meaningfully to social change. Through NSS, students participate in rural development, sanitation, and education, fostering empathy and social responsibility. NCC instils discipline, leadership, and a sense of national pride while motivating students to serve in times of crisis. Unnat Bharat Abhiyan focuses on sustainable development and technological innovation in rural areas, empowering students to bridge gaps between urban and rural communities. The Red Cross educates students on humanitarian work, first aid, and disaster management. Collectively, these programs not only raise awareness of social issues but also nurture personal growth, leadership, and a sense of civic duty in students, fostering a well-rounded and socially conscious generation. Attach as Annexure(s) <ul style="list-style-type: none">Any additional information. view NSS activities' pictures Unnat Bharat Abhiyan NCC pictures						
3.3.2	No. of awards and recognitions received for extension activities from government/government recognized bodies during the last five years						
	3.3.2.1	Total No. of awards and recognition received for extension activities from Government/government recognized bodies year wise during the last five years					
		Year	2024-25	2023-24	2022-23	2021-22	2020-21
		Number	-	01	01	-	-
Data requirement for last five years: <ul style="list-style-type: none">Name of the activity: Spoken tutorial/ NBAName of the award/recognition: Best performer in Northern region/ got accreditation for two years till June 2025Name of the Awarding government/government recognized bodiesYear of the award: 2022-2023 Attach as Annexure(s) <ul style="list-style-type: none">Any additional information.Number of awards for extension activities in last five years (data template)E-copy/hard copies of the award letters view details							
3.3.3	No. of extension and outreach programs conducted by the institution through NSS/NCC/Red Cross/YRC etc. (including the programmes such as Swachh Bharat, AIDS awareness, Gender						

	issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years					
3.3.3.1	No. of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red Cross/YRC etc., year wise during the last five years					
	Year	2024-2025	2023-2024	2022-2023	2021-2022	2020-2021
	Number	8	10	8	6	6
	<p>Data requirement for the last five years:</p> <ul style="list-style-type: none"> Name and No. of the extension and outreach programmes Name of the collaborating agency: Government/Non-Government, industry, community with contact details <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Reports of the event organized. View reports Any additional information. No. of extension and outreach programmes conducted with industry, community etc. for the last five years 					
3.3.4	Average percentage of students participating in extension activities at 3.3.3 above during the last five years					
3.3.4.1	Total No. of students participating in extension activities conducted in collaboration with industry, community and Non-Government Organizations through NSS/NCC/Red Cross/YRC etc. year wise during the last five years					
	Year	2024-2025	2023-2024	2022-2023	2021-2022	2020-2021
	Number	100+67	100+54	100+50	100+50	100+50
	<p>Data requirement for the last five years:</p> <ul style="list-style-type: none"> Name of the activity Name of the scheme Year of the activity No. of teachers participating in such activities No. of students participating in such activities <p>Formula:</p> $\text{Percentage per year} = \frac{\text{Total No. of students participated in such activities} \times 100}{\text{No. of students}}$ $= 771 \times 100 / 1356$ $= 56.85\%$ $\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$ $= 11.37\%$ <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Reports of the event. Any additional information. enrollment detail 					

	<ul style="list-style-type: none"> Average percentage of students participating in extension activities with Government or NGO etc.
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Key Indicator 3.4: Collaboration

Item No	Particulars						
3.4.1	Collaborations/linkages of the institution for Faculty exchange, student exchange, internship, field trip, on-the-job training, research etc. during the last five years						
	<ul style="list-style-type: none"> No. of linkage (s) for faculty exchange, student exchange, internship, field trip, on-the-job-training, research etc. year wise during the last five years 						
	Year	2024-2025	2023-2024	2022-2023	2021-2022	2020-2021	
	Number		04	04	04	04	
	<p>Data requirement for the last five years:</p> <ul style="list-style-type: none"> Title of the linkage Name of the partnering institution/industry/research lab with contact details Year of commencement Duration (From-to) Nature of linkage <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> E-copies/hard copies of linkage related document Any additional information. Details of linkages with institutions/industries for internship - Annexure 3.4.1 view pictures 						
3.4.2	No. of functional MoUs with National and International institutions, universities, industries, corporate houses etc. during the last five years						
3.4.2.1	No. of functional MoUs with institutions of National, International importance, other universities, industries, corporate houses etc. year wise during the last five years						
	Year	2024	2023	2022	2021	2020	2019
	Number	1	-	2	11	4	4
	<p>Data requirement for the last five years:</p> <ul style="list-style-type: none"> Organisation with which MoU has been signed Name of the institution/industry/corporate house Year of signing MoU 						

	<ul style="list-style-type: none"> • Duration • List the actual activities under each MoU • No. of students/teachers participating under MoU <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • E-copies/hard copies of the MoUs with institution/industry/corporate houses. • Any additional information. • Details of functional MoUs with institutions of National, International importance, other universities etc. during the last five years. Annexure 3.4.2
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Criteria-4
Infrastructure and Learning Resources

Key Indicator 4.1 Physical Facilities

Item No.	Particulars
4.1.1	<p>Infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipment etc. of the institutions.</p> <p>Describe the adequacy of infrastructure and physical facilities for teaching-learning as per the minimum specified requirement of statutory bodies within 100-150 words.</p> <p>The infrastructure and physical facilities of JNGEC meets the minimum requirements set by statutory bodies i.e. AICTE ensuring a conducive teaching-learning environment. 22 numbers Classrooms are available within the campus those are spacious, well-ventilated, and equipped with modern teaching aids, including projectors and audio-visual systems, to enhance student engagement.</p> <p>All the laboratories are adequately equipped with the necessary instruments, tools, and safety measures i.e. 1st aid kit to facilitate practical learning. For technical programs, Civil Engineering dept. has established Ultratech excellence centre which is specialized labs catering discipline-specific requirements. Additionally, computing equipment are up-to-date, with sufficient computers and software to support student projects, research, and online learning in each dept. The availability of Wi-Fi, internet access, and other digital resources is also used by students for effective learning. These facilities are regularly maintained to ensure their functionality and support by CSE dept.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Any additional information. view pictures
4.1.2	<p>Facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.</p>

	<p>Describe the adequacy of facilities for sports, games and cultural activities which include specification about area/size, year of establishment and user rate within 100-150 words.</p> <p>The facilities for sports, games, and cultural activities plays a key role in promoting holistic development among students. JNGEC typically have dedicated sports ground at Govt. Polytechnic Sundernagar for games like football, cricket, basketball, and athletics and gymnasiums at E block of institute, depending on the establishment. Cultural facilities include open air Theatre (OAT) , amphitheatres, and rehearsal spaces for activities like dance, drama, and music. These are usually well-equipped with audio-visual systems and seating arrangements to host events. These facilities not only contribute to physical well-being but also foster creativity, teamwork, and a sense of cultural identity among students.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">Any additional information. <p>View Pictures- Annual Sports Meet Cultural Fest</p>							
4.1.3	Percentage of classrooms and seminar halls with ICT-enabled facilities such as smart class, LMS etc.							
	4.1.3.1	No. of classrooms and seminar halls with ICT facilities						
	<p>Data requirement for the last five years:</p> <ul style="list-style-type: none">No. of classrooms with LCD facilitiesNo. of classrooms with Wi-Fi/LAN facilitiesNo. of smart classroomsNo. of classrooms with LMS facilitiesNo. of seminar halls with ICT facilities <p>Formula:</p> $\frac{\text{No. of classrooms and seminar halls with ICT facilities} \times 100}{\text{Total No. of classrooms/seminar halls in the institution}} = \frac{15}{22} \times 100 = 68\%$ <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">Any additional information.Details of classrooms and seminar halls with ICT enabled facilities							
4.1.4	Average percentage of expenditure, excluding salary, for infrastructure augmentation during the last five years (INR in lakhs)							
	4.1.4.1	Expenditure for infrastructure augmentation, excluding salary, year wise during the last five years (INR in lakhs)						
		Year	2024-25	2023-24	2022-23	2021-22	2020-21	Total
	INR in lakhs	310.6	433.35	727.16	410.6	539.26	2420.97	
	<p>Date requirement for the last five years:</p> <ul style="list-style-type: none">Expenditure for infrastructure augmentation.Total expenditure excluding salary							

	<p>Formula:</p> <p>Percentage per year= $\frac{\text{Expenditure for infrastructure augmentation excluding salary}}{\text{Total expenditure excluding salary}} \times 100$</p> <p>Average percentage = $\frac{\sum \text{Percentage per year}}{5} = 2420.97/5 \times 100$</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Annexure 4.1.4 Audited utilization statements. Details of budget allocation, excluding salary during the last five years. view budget
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Key Indicator 4.2 Library as a learning Resource

Item No.	Particulars
4.2.1	<p>Library is automated using Integrated Library Management System (ILMS)</p> <p>Date requirement for the last five years: Write a description of library within (100-150 words):</p> <p>The central library at Jawaharlal Nehru Government Engineering College Sundernagar was set up in the year 2006 in the campus of Govt. Polytechnic library Sundernagar. It was shifted to the college campus in the year 2011. The library is situated in Administrative Block-A and comprises the three floors of the block. The library has got the seating capacity of 300 readers. The library is strengthened with Library Management Software with RFID technology and books are being issued/returned with this facility. All faculty, staff and students of this college have been issued RFID enabled ID card to use the library facility. The CCTV network has established in the library. A total of 16 cameras got installed at the sensitive areas where security is needed.</p> <ul style="list-style-type: none"> Name of ILMS: Library management software Nature of automation (fully or partially): partially Version: 2021 Year of automation: 2021 <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Paste link for additional information, if any Annexure 4.2.1
4.2.2	<p>The institution has subscription for the following e-resources</p> <ol style="list-style-type: none"> e-journals e-Sodh Sindhu Shodhganga Membership

	<div><div>(4) E-books</div><div>(5) Databases</div><div>(6) Remote access to e-recourses</div></div> <div>Options:-</div> <div><div>(A) Any 4 or more of the above</div><div>(B) Any 3 of the above</div><div>(C) Any 2 of the above</div><div>(D) Any 1 of the above</div><div>(E) None of the above</div></div> <div>Data requirement for last five years:</div> <div><div></div><div>Details of membership</div><div>Details of subscription</div></div> <div>Attach as Annexure(s) Annexure 4.2.2</div> <div><div></div><div>Any additional information.</div><div>Detail of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership etc.</div></div>												
4.2.3	<div><div>Average annual expenditure on purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in lakhs)</div><div><div>4.2.3.1</div><div>Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during the last five years (INR in lakhs)</div><table><tr><td>Year</td><td>2024-2025</td><td>2023-2024</td><td>2022-2023</td><td>2021-2022</td><td>2020-2021</td></tr><tr><td>INR in Lakhs</td><td>96987</td><td>540187</td><td>428360</td><td>89675</td><td>186360</td></tr></table></div></div> <div>Data requirement for the last five years:</div> <div><div></div><div>Expenditure on the purchase of books/e-books</div><div>Expenditure on the purchase of journals/e-journals</div><div>Year of expenditure</div><div>Average Expenditure per year:</div></div> <div><div>Total Expenditure in rupees on purchase of books/e-books/journals and subscription to journals/e-journals</div></div> <div>Attach as Annexure(s)</div> <div><div></div><div>Any additional information.</div><div>Audited statement of accounts.</div><div>Details of annual expenditure for purchase of books/e-books and journals/e-journals during the last five years. View details</div></div>	Year	2024-2025	2023-2024	2022-2023	2021-2022	2020-2021	INR in Lakhs	96987	540187	428360	89675	186360
Year	2024-2025	2023-2024	2022-2023	2021-2022	2020-2021								
INR in Lakhs	96987	540187	428360	89675	186360								
4.2.4	<div><div>Percentage per day usage of library by teachers and students (foot falls and login data for online access)</div><div><div>4.2.4.1</div><div>No. of teachers and students using library per day over last one year.</div></div></div> <div>Data requirement</div>												

	<ul style="list-style-type: none"> • Attach last page of accession register details • Method of computing per day usage of library • No. of users using library through e-access • No. of physical users accessing library <p>Formula:</p> $\frac{\text{No. of teachers and students using library per day} \times 100}{\text{Total No. of teachers and student}}$ <p>No. of teachers and students using library per day=100 Total No. of teachers and student = 1234 $= 100 / 1234 \times 100$ $= 8.1\%$</p> <p>Attach as Annexure</p> <ul style="list-style-type: none"> • Any additional information. • Details of library usage by teachers and students.
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Key Indicator 4.3: IT Infrastructure

Item No.	Particulars
4.3.1	<p>Institution frequently updates its IT facilities including Wi-Fi</p> <p>Describe IT facilities including Wi-Fi with date and nature of updation within 100-150 words.</p> <p>Our college provides students with good IT facilities. Our computer centre is fully equipped with computers, projectors and all the other things which are required in the development of students. All the computers and other gadgets are well maintained and fully operational. All the computers are connected to proper internet connection.</p> <p>The bandwidth of internet connectivity in the institution is 1000 Mbps.</p> <p>Our well-equipped lab is spacious enough to accommodate 80 students at a time.</p> <p>We have projector in our lab which helps students to grasp knowledge easily.</p> <p>We try our best to make a comfortable learning environment for our students and to provide them with best knowledge and other facilities</p> <p>Attach as</p> <ul style="list-style-type: none"> • Any additional information. • Paste link for additional information, if any. view details
4.3.2	<p>Student-Computer ratio (Data for the latest completed academic year)</p> <p>No. of students : No. of Computers: 1:1</p>

	<p>Data requirement:</p> <ul style="list-style-type: none"> No. of computers in working condition: 80 Nos Total no. of computers : 80 <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Student-computer ratio view details
4.3. 3	<p>Bandwidth of Internet connection in the Institution</p> <p>Options:</p> <p>(A) 10 GBPS (B) 1 GBPS (C) 750 MBPS (D) 500 MBPS (E) Others (specify)</p> <p>Data requirement:</p> <ul style="list-style-type: none"> Available internet bandwidth <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Details of available bandwidth of internet connection in the institution.

Key Indicator 4.4 Maintenance of Campus Infrastructure

Item No.	Particulars						
4.4.1	Average percentage of expenditure incurred on maintenance of infrastructure (physical 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)					
		Year					
		INR in lakhs					
	Data requirement year wise: (As per data template in Section B) <ul style="list-style-type: none">Non salary expenditure incurredExpenditure incurred on maintenance of campus infrastructure Formula: Percentage per year = $\frac{\text{Expenditure on maintenance of physical and academic support facilities excluding salary component}}{\text{Total expenditure excluding salary component}} \times 100$ $\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$ Attach as Annexure(s) <ul style="list-style-type: none">Any additional information.Audited statements of accounts.Details about assigned budget and expenditure on physical facilities and academic support facilities						
4.4.2	Established systems and procedures for maintaining and utilizing physical, academic and support facilities-laboratory library, sports complex, computers, classrooms etc.						
	Established systems and procedures are in place to efficiently maintain and utilize physical, academic, and support facilities. For laboratories, ensuring that equipment is up-to-date and functioning. Faculty and lab technicians oversee the inventory and ensure safety protocols are followed during usage. The library follows a computerized system for cataloguing and issuing books, offering easy access to students and staff. It is regularly updated with the latest academic resources, and dedicated staffs manages it. The sports equipment and facilities, with student clubs organizing regular sports events and activities. Computer labs are equipped with the latest software and hardware, and usage is regulated through booking systems to ensure smooth access. Classrooms are designed to be conducive to learning, with technological support for smart teaching. Regular assessments and feedback from students and faculty are used to continually improve these facilities. Attach as Annexure(s) <ul style="list-style-type: none">Any additional information.						

	<ul style="list-style-type: none"> Paste link for additional information, if any. view pictures
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Criterion 5-Student Support and Progression

Key Indicator 5.1 Student Support

Item No.	Particulars						
5.1.1	Average percentage of students benefitted by scholarships and freeships provided by the Government during the last five years.						
	5.1.1.1	No. of students benefitted by scholarships and freeships provided by the Government year wise during the last five years					
		Year	2024-25	2023-24	2022-23	2021-22	2020-21
		Number	103	86	85	49	-
	Total Students=323						
	Data requirement year wise:						
	<ul style="list-style-type: none">Name of the SchemeNo. of students benefitted / benefiting						
	Formula:						
	Percentage per year = $\frac{\text{No. of students benefitted by scholarships and free ships by government}}{\text{No. of students}} \times 100$						
	$=323 \times 100 / 1182$ $=27.32\%$ $\text{Average percentage} = \frac{\sum \text{Percentage per year}}{4}$ $=6.8\%$						
Attach as Annexure(s)							
<ul style="list-style-type: none">Self-attested letter with the list of students sanctioned scholarship.Any additional information. Annexure 5.1.1							
5.1.2	Average percentage of students benefitted by scholarships, freeships etc. provided by the institution/non-government agencies during the last five years						
	5.1.2.1	Total No. of students benefitted by scholarships, freeships, etc. provided by the institution/non-government agencies year wise during the last five years					
		Year					
		Number	Nil	Nil	Nil	Nil	Nil
	Data requirement for last five years:						
	<ul style="list-style-type: none">Name of the scheme with contact informationNo. of students benefitted/benefiting						
	Formula:						

	<p>Percentage per year = $\frac{\text{Total No. of students benefitted by scholarships and freeships provided by the institution or non-government agencies}}{\text{Total No. of students}} \times 100$</p> <p>Average percentage = $\frac{\sum \text{Percentage per year}}{5}$</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. No. of students benefitted by scholarships and freeships provided by institution/non-government agencies in last five years 																										
5.1.3	<p>Capacity building and skills enhancement initiatives taken by the institution including the following:</p> <ol style="list-style-type: none"> Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills <p>Options:-</p> <ol style="list-style-type: none"> All of the above. 3 of the above 2 of the above 1 of the above None of the above <p>Data requirement :</p> <ul style="list-style-type: none"> Name of the capacity building and skills enhancement initiatives Year of implementation No. of students enrolled Name of the agencies involved with contact details <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Link to the institution website, if any. Details of capability building and skill enhancement initiatives. Annexure 5.1.3 																										
5.1.4	<p>Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years</p> <table border="1"> <tr> <td>5.1.4.1</td><td colspan="6">No. of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years</td></tr> <tr> <td></td><td>Year</td><td>23-24</td><td>22-23</td><td>21-22</td><td>20-21</td><td>19-20</td></tr> <tr> <td></td><td>Number</td><td>10</td><td>11</td><td>9</td><td>15</td><td>15</td></tr> </table> <p style="text-align: right;">Total=60</p> <p>Data requirement for last five years:</p> <ul style="list-style-type: none"> Name of the scheme No. of students who have passed in the competitive examination No. of students placed 						5.1.4.1	No. of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years							Year	23-24	22-23	21-22	20-21	19-20		Number	10	11	9	15	15
5.1.4.1	No. of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years																										
	Year	23-24	22-23	21-22	20-21	19-20																					
	Number	10	11	9	15	15																					

	<p>Formula:</p> <p>Percentage per year = $\frac{\text{No. of students benefited by guidance for competitive examination and career counselling offered by the institution}}{\text{No. of students}} \times 100$</p> <p>$= \frac{60 \times 100}{1041}$</p> <p>$= 5.7\%$</p> <p>Average percentage = $\frac{\sum \text{Percentage per year}}{5}$</p> <p>$= 1.1\%$</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. No. of students benefitted by guidance for competitive examinations and career counselling during the last five years.
5.1.5	<p>The Institution has a transparent mechanism for timely redressal of students' grievances including sexual harassment and ragging cases.</p> <p>(1) Implementation of guidelines for statutory/regulatory bodies.</p> <p>(2) Organization wide awareness and undertakings on policies with zero tolerance</p> <p>(3) Mechanism for submission of online/offline students' grievances</p> <p>(4) Timely redressal of the grievances through appropriate committees</p> <p>Options:</p> <p>(A) All of the above</p> <p>(B) 3 of the above</p> <p>(C) 2 of the above</p> <p>(D) 1 of the above</p> <p>(E) None of the above</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Details of students grievances redressal policy including sexual harassment and ragging cases, No. of cases received and redressed. Minutes of the meetings of Students' Redressal Committee, Prevention of Sexual Harassment Committee and Anti Ragging Committee. Any additional information. - view details

Key Indicator 5.2 Students' Progression

Item No.	Particulars							
5.2.1	Average percentage of placement of outgoing students during the last five years							
	5.2.1.1	No. of outgoing students placed year wise during the last five years						
		Year	2021-2025	2020-2024	2019-2023	2018-2022	2017-2021	Total

		Number		42	34	70	45	191																					
	Data requirement for last five years <ul style="list-style-type: none">Name of the employer with contact detailsNo. of students placed = 229 Formula: <div>Percentage per year = $\frac{\text{No. of outgoing students placed} \times 100}{\text{No. of outgoing students}}$$= 24.14\%$Average percentage = $\frac{\sum \text{Percentage per year}}{4}$$= 6.03\%$</div> Attach as Annexure(s) <ul style="list-style-type: none">Self attested list of students placed, during the last five years. Annexure 5.2.1.1Any additional information.																												
5.2.2	Average percentage of students progressing to higher education during the last five years																												
	5.2.2.1	No. of outgoing students' progression to higher education																											
	<table><tr><th>Year</th><th>2021-25</th><th>2020-24</th><th>2019-23</th><th>2018-22</th><th>2017-21</th><th>Total</th></tr><tr><td>No of Students</td><td>-</td><td>25</td><td>25</td><td>20</td><td>25</td><td>95</td></tr><tr><td>Final Year Students</td><td></td><td>228</td><td>222</td><td>221</td><td>231</td><td>902</td></tr></table> <p>Data requirement:</p> <p>No. of students proceeding from</p> <ul style="list-style-type: none">UG to PG = 94PG to M. Phil:PG to PhD = 2M. Phil to Ph.DPh. D. to Post Doctoral: Formula: <div>Percentage per year = $\frac{\text{No. of outgoing students progressing to higher education} \times 100}{\text{Total No. of final year students}}$$= 95 \times 100 / 902$$= 10.5\%$</div>								Year	2021-25	2020-24	2019-23	2018-22	2017-21	Total	No of Students	-	25	25	20	25	95	Final Year Students		228	222	221	231	902
Year	2021-25	2020-24	2019-23	2018-22	2017-21	Total																							
No of Students	-	25	25	20	25	95																							
Final Year Students		228	222	221	231	902																							

	Attach as Annexure(s) <ul style="list-style-type: none"> Supporting data of students/alumni. Any additional information. Details of student progression to higher education Annexure 5.2.2.1 						
5.2.3	Average percentage of students qualifying in State/National/International level examinations during the last five years (e.g.: JAM/NET/SLET/GATE/GMAT/CAT/GPAT/GRE/TOEFL/Civil Services/State Government examinations, etc.)						
5.2.3.1	No. of students qualifying in State/National/International level examinations (e.g.: JAM/NET/SLET/GATE/GMAT/CAT/GPAT/GRE/TOEFL/Civil Services/State Government examinations, etc.) year wise during the last five years						
	Year	2023-2024	2022-2023	2021-2022	2020-2021	2019-2020	Total
	Number	12	12	10	19	17	70
5.2.3.2	No. of students appearing in State/National/International level examinations (e.g.: JAM/NET/SLET/GATE/GMAT/CAT/ GPAT/ GRE/ TOEFL/Civil Services/ State Government examinations) year wise during the last five years						
	Year	2023-2024	2022-2023	2021-2022	2020-2021	2019-2020	Total
	Number	45	49	40	50	35	219
	Data Requirement for last five years: No. of students selected to <ul style="list-style-type: none"> JAM NET SLET GATE GMAT CAT GPAT GRE TOEFL Civil Services State Government examinations Others (Specify) Formula: Percentage per year = $\frac{\text{No. of students qualifying in State, National, International level examinations}}{\text{No. of students appeared for the State, National, International level exams.}} \times 100$						

	$= \frac{70}{219} \times 100$ $= 31.96 \%$ $\text{Average percentage} = \frac{\sum \text{Percentage per year}}{5}$ $= 31.96 / 5$ $= 6.39 \%$ <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Supporting data for the same. Any additional information. List of students qualifying in State/National/International level examinations during the last five years Annexure 5.2.3 view score cards
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Key Indicator 5.3 Students' Participation and Activities

Item No.	Particulars					
5.3.1	No. of awards/medals for outstanding performance in sports/cultural activities at University/State/National/International level (award for a team event should be counted as one) during the last five years.					
5.3.1.1	No. 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) year wise during the last five years.					
	Year					
	Number		-	-	-	
	Data requirement for last five years:					
	<ul style="list-style-type: none">• Name of the award/medal• University/State/National/International• Sports/Culture					
	Attach as Annexure(s) <ul style="list-style-type: none">• E-copies/hard copies of award letters and certificates. View details• Any additional information.• List of awards/medals for outstanding performance in sports/cultural activities at University/State/National/International level during the last five years.					
5.3.2	Institutions facilitates students’ representation and engagement in various administrative, co-curricular and extra-curricular activities (student council/students representation on various bodies as per established processes and norms)					
	Students are actively participating in a administrative, co-curricular, and extra-curricular activities, demonstrating strong leadership and engagement. Administrative roles in SWF committee give students a voice in shaping college student welfare funds and event planning. Co-curricular activities, including technical workshops, seminars, and department level societies and clubs, allow students to enhance their academic knowledge and skills outside of the classroom. Extra-curricular activities such as sports, cultural events, and community service projects through NSS and Unnat Bharat foster teamwork, creativity, and social responsibility. The college encourages student-driven initiatives, where students play an					

	instrumental role in organizing events like annual fests, “TWASK and Decible (Annual function) sports meets, and technical competitions. These platforms provide opportunities for personal growth, building essential life skills like communication, time management, and collaboration. Through this diverse engagement, students not only enrich their college experience but also prepare for future professional and personal challenges. Attach as Annexure(s) <ul style="list-style-type: none">Any additional information.Paste link for additional information, if any.					
5.3.3	Average No. of sports and cultural events/competitions in which students of the institution participated during the last five years (organized by the institution/other institutions)					
5.3.3.1	No. of sports and cultural events/competitions in which students of the institution participated year wise during the last five years					
	Year					
	Number	-	-	-	-	
Data requirement for last five years: <ul style="list-style-type: none">List of events/competitions						
Formula: <u>No. of sports and cultural events/competitions in which students of the institution participated during the last 5 years</u>						
5						
Attach as Annexure(s) <ul style="list-style-type: none">Report of the event.Any additional information.List of sports and cultural events/competitions in which students of the institution participated during the last five years.						

Key Indicator 5.4 Alumni Engagement

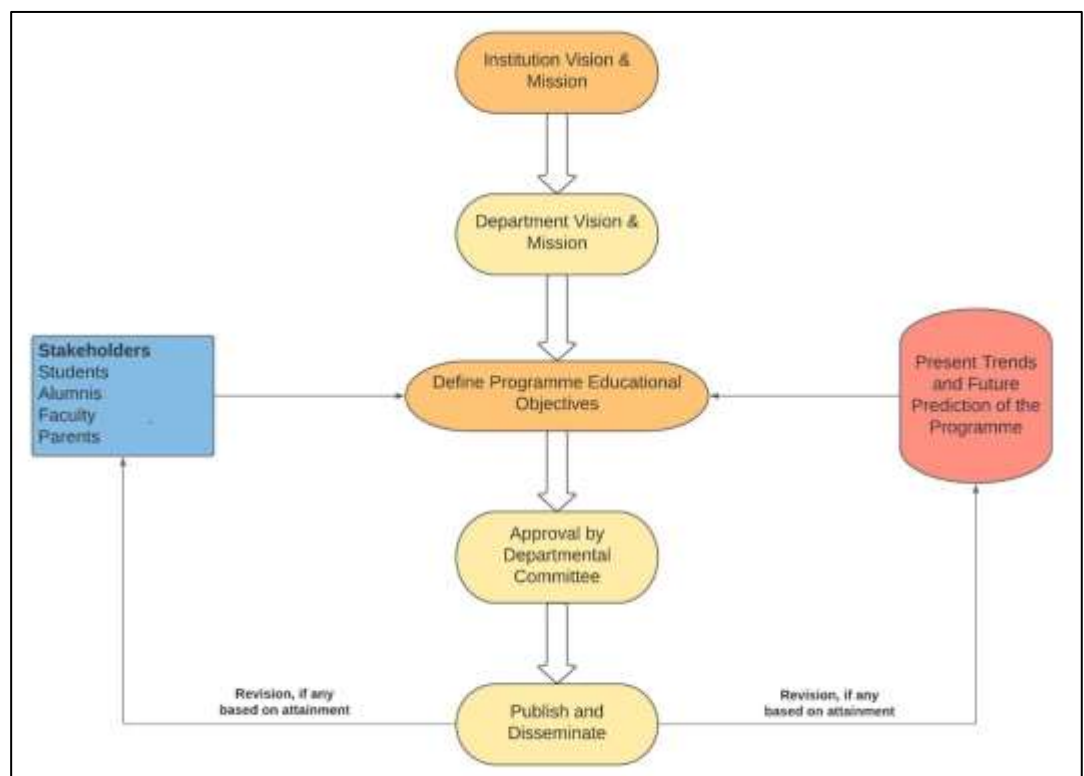
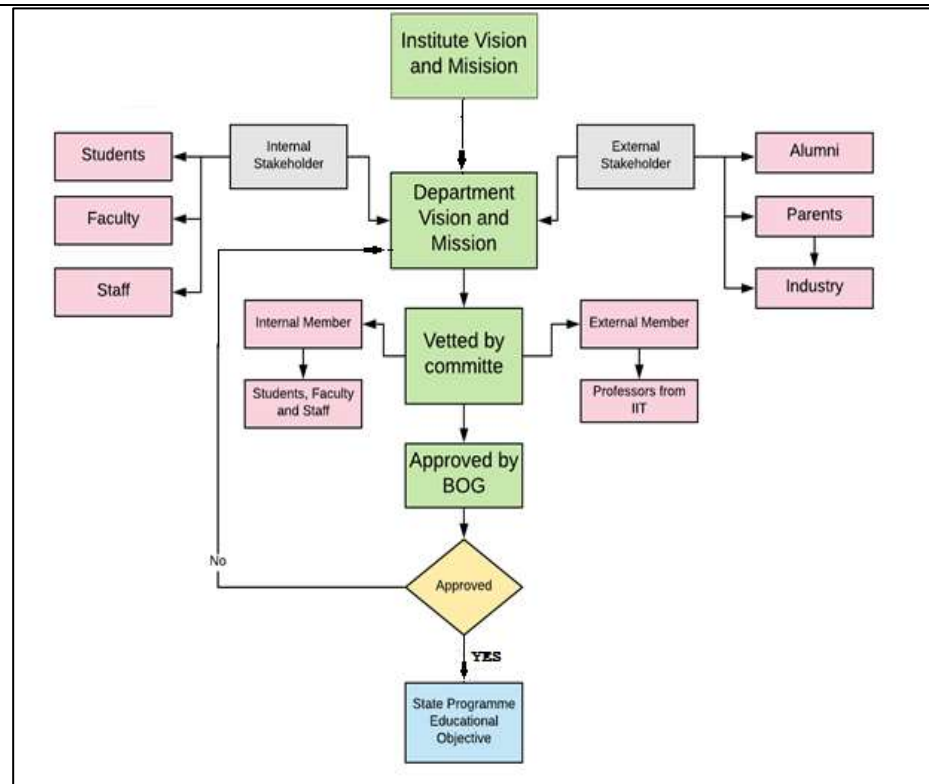
Item No.	Particulars
5.4.1	<p>Is there a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services?</p> <p>No, alumni association is not registered yet. Meanwhile all the departments have their own alumni coordinator and directly in contact with alumni's through WhatsApp and Facebook and Instagram page. Also, department level alumni meet was conducted in online mode in the year of 2021.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Paste link for additional information, if any. Annexure 5.4.1
5.4.2	<p>Alumni contribution during the last five years (INR in lakhs)</p> <p>Options:</p>

	<p>(A) ≥ 5 lakhs</p> <p>(B) 4 lakhs – 5 lakhs</p> <p>(C) 3 lakhs – 4 lakhs</p> <p>(D) 1 lakh - 3 lakhs</p> <p>(E) ≤ 1 lakhs</p> <p>Data requirement for last five years:</p> <ul style="list-style-type: none"> • Alumni association/Name of the alumni • Quantum of contribution • Audited statement of account of the institution reflecting the receipts <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Any additional information.
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Criterion 6-Governance, Leadership and Management

Key Indicator 6.1 Institutional Vision and Leadership

Item No.	Particulars
6.1.1	<p>The Governance of the institution is reflective of and in tune with the vision and mission of the institution</p> <p>Vision of the Institution:</p> <p>"To be a premier institution imparting value-based education enabling innovation in frontier areas of technology that propels development of society at national and global arena"</p> <p>Mission of the Institution:</p> <p>M1 To create an environment that enables creativity, research and innovation in Engineering and technology.</p> <p>M2 To impart value-based education that created leaders in engineering for upliftment of society at large.</p> <p>M3 To strive for continues improvement in imparting technical education.</p> <p>M4 To have a liaison with lead institutions and industries.</p>



Vision, Mission of the Institute and Department PEOs of department are disseminated to all external stakeholders through meetings, alumni survey forms, Department broacher, during industrial visits, placement drives and are shared with representatives of industry who come to deliver expert lecture and technical talk.

The appointment of faculty and staff is made by the recruiting agencies of the State Govt. i.e. HPPSC and HPSSB as per the R & P rules prescribed for various posts by the Govt. The Govt. of Himachal Pradesh vide Notification no. END(TE)F(1)/2017 dated 18-05-2018 has also constituted Board of Governors (BOG under ‘Technical Education Quality improvement Program” (TEQIP) Phase-III-A World Bank funded project. The Board is having following members:-

1.	Dr. Lalit Sharma, BTH-114, Teachers Colony, H.P. University, Summer Hill.Shimla-171005, H.P.Contact No. 98166-01405 (Nominated by the State Govt.)	Chairperson
2.	Two faculty members to be nominated by the Director/Principal of Jawahar Lal Nehru Govt. Engineering Colleges Sundernagar. District Mandi H.P. based on seniority.	Member
3.	Sh Jatinder Sharma C/O Sh J.D. Traders, Lalit Chowk Sundernagar, District Mandi H.P.Contact No 94184 6605(Eminent Educationist)Nominated by the State Govt.	Member
4.	Shri Arun Kumar Sharma S/O Sh Shakti Chand Kaundal Resident of Haripur P.O & Tehsil Sundernagar, District Mandi H.P. ContactNo 94184-96496(Eminent Educationist) Nominated by the State Govt.	Member
5.	Shri Shiv Singh Sen. Village Salah, P.O. Bhojpur.Tehsil Sundernagar. District Mandi HP Contact No 94184-84500 (Eminent Educationist)Nominated by the State Govt.	Member
6.	AICTE Nominee(To be Nominated by AICTE)	Member
7.	Joint Director, Technical Education(State Govt. Nominee)	Member
8.	Dean (P&D) HimTU, University Nominee	Member
9.	Director/Principal of Institution	Ex Officio Member/Member Secretary
10.	Prof. Rajesh Bhatia, Professor & Head, Department of Computer Science &Engg, PEC University of Technology rbhatia@pec.ac.in	AICTE Representative

DETAILS OF BOARD OF GOVERNORS MEETINGS

S.NO.	DESCRIPTION OF MEETINGS	DATE
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1.	Minutes of the 15th Board of Governors (BOG) under TEQIP-III project	17-03-2021
2.	Minutes of the 14th Board of Governors (BOG) under TEQIP-III project	05-02-2021
3.	Minutes of the 13th Board of Governors (BOG) under TEQIP-III project	11-12-2020
4.	Minutes of the 12th Board of Governors (BOG) under TEQIP-III project	28-09-2020
5.	Minutes of the 11th Board of Governors (BOG) under TEQIP-III project	17-08-2020
6.	Minutes of the 10th Board of Governors (BOG) under TEQIP-III project	20.05.2020
7.	Minutes of the meeting held with HOD's /OIC /TPO /Coordinators NBA & TEQIP-III /SPO /Estate Officer /Deputy Controller (F&A) /Superintendent Grade-I.	05.03.2020
8.	Minutes of the 9 th Board of Governors (BOG) under TEQIP-III project	10.02.2020
9.	Minutes of the 8 th Board of Governors (BOG) under TEQIP-III project	21.12.2019
10.	Minutes of the meeting held with HOD's /OIC's /TPO /Coordinator TEQIP-III/NBA & Gate Coordinator /Incharge Employability Skill Training /Asst. Dean Academics/OIC Mid Term Examinations.	19.10.2019
11.	Minutes of the 7th Board of Governors (BOG) under TEQIP-III project	26.09.2019
12.	Minutes of the meeting held with the HODS /OICS /TPO / Coordinator TEQIP-III /Store Purchase Officer /GATE Coordinator /Departmental Coordinator (NBA) /Estate Officer and Deputy Controller (F&A).	17.08.2019
13.	Minutes of the 6th Board of Governors (BOG) under TEQIP-III project	12.07.2019
14.	Minutes of the 5 th Board of Governors (BOG) under TEQIP-III project	22.06.2019
15.	Minutes of the 4 th Board of Governors (BOG) under TEQIP-III project	30.03.2019
16.	Minutes of the 3 rd Board of Governors (BOG) under TEQIP-III project	22.12.2018
17.	Minutes of the 3 rd Board of Governors (BOG) under TEQIP-III project	22.12.2018
18.	Minutes of the 2 nd Board of Governors (BOG) under TEQIP-III project	15.09.2018
19.	Minutes of 1 st meeting of Board of Governors under TEQIP-III project	28.09.2017
20.	Minutes of meeting regarding TEQIP-III held with HOD's/OIC's/JC (F&A)/SPA/Dean Academics.	05.05.2017

DETAILS OF DIRECTOR'S MEETINGS

S.NO .	DESCRIPTION OF MEETINGS	DATE
1.	All HODs/OICs Relate to NBA.	09-09-2022
2.	All HODs/OICs	02-09-2022
3.	All HODs/OICs	04-07-2022
4.	Twask-2022	09-05-2022
5.	Purchase Committee meeting	04-05-2022
6.	All HODs/OICs	30-04-2022

7.	All HODs/OICs	07-04-2022
8.	Unserviceable store article	01-04-2022
9.	All HODs/OICs/TPO/SupDt.G-1 & Staff	03-03-2022
10	All HODs/OICs	14-02-2022
11	All HODs/OICs &, TPO & All Officers	08-02-2022
12	All HODs/OICs	01-02-2022
13	All HODs/OICs/NCS, TPO& Departmental co-coordinator TPR	15-12-2021
14	All HODs/OICs &, Er.Amit Kumar A.P.TE	14-12-2021
15	All HODs/OICs &, TPO & All Officers	23-11-2021
16	HODs/OICs, TEQIP-III Coordinator, TPO,SPO, DC(F&A), Librarian, Sport, All Officers	22-11-2021
17	Meeting with JAN MANCH Committee of Mandi Distt	17-11-2021
18	All HODs/OICs & All officers	11-11-2021
19	All HODs/OICs	28-10-2021
20	All HODs/OICs & TEQIP-III Coordinator, TPO& Faculty members	22-10-2021
21	All HODs/OICs	18-09-2021
22	HODs/OICs, TPO, DC(F&A),	14-09-2021
23	Meeting with JAN MANCH Committee of Distt Mandi	01-09-2021
24	All HODs/OICs	07-08-2021
25	HODs/OICs, TEQIP-III Coordinator, TPO,SPO, DC(F&A), Co-ordinator Spoken Tutorial	29-07-2021
26	HODs/OICs, TEQIP-III Coordinator, TPO, DC(F&A), Supdt.G-	14-07-2021
27	HODs/OICs, TEQIP-III Coordinator, TPO, DC(F&A), Supdt.G-	13-07-2021
28	All HODs/OICs	07-07-2021
29	HODs/OICs, TEQIP-III Coordinator, TPO, DC(F&A), Supdt.G-1	30-06-2021
30	Checking the drawing /estimates/Drawing of new Instituional Block Building.	29-4-2021
31	All HODs/OICs	01-04-2021
32	HODs/OICs, Supdt.-I NBA Coordinator& Deptt. NBA Coordinator& Spotting Staff	24-03-2021
33	Examination the proposal to smart india interaction	05-03-2021
34	HODs/OICs, TPO,DC(FA), NBA Coordinator& Deptt. NBA Coordinator	04-03-2021
35	HODs/OICs, NBA Coordinator& Deptt. NBA Coordinator	15-02-2021

36	HODs/OICs, TPO, NBA Coordinator& Deptt. NBA Coordinator	09-02-2021
37	HODs/OICs, TEQIP-II Coordinator, TPO, DC(F&A), Supdt.G-I	03-02-2021
38	All HODs/OICs	29-01-2021
39	Meeting with JAN MANCH Committee of Mandi Distt	27-01-2021
40	All HODs/OICs	23-01-2021
41	HODs/OICs, TEQIP-II Coordinator, TPO, DC(F&A), Supdt.G-I	16-01-2021
42	All HODs/OICs &DC(FA)	08-01-2021
43	Dean Academic, Assistant Dean Academic DC(F&A) &jr.Auoditor	06-01-2021
44	All HODs/OICs	15-12-2020
45	All HODs/OICs	03-12-2020
46	Meeting With NHAI in respect of Industry training	02-12-2020
47	Meeting with chairman Purchase Committee	01-12-2020
48	All HODs/OICs	29-11-2020
49	HODs/OICs, TEQIP-II Coordinator, TPO, DC(F&A), Supdt.G-I	26-11-2020
50	Meeting with JAN MANCH Committee of Mandi Distt	4-11-2020
51	HODs/OICs, Dean Academic, TPO, DC(F&A),GATE Coordinator &Deptt. GATE Coordinator	02-11-2020
52	All HODs/OICs	13-10-2020
53	All HODs/OICs,	13-10-2020
54	OIC Estt.,DC(F&A)& other ministerial staff, Regular/contractual/consolidate and Outsources staff	07-10-2020
55	HODs/OICs, TEQIP-II Coordinator, TPO, DC(F&A), Supdt.G-I & Sh Dinesh Bhatiya AP TE.	06-10-2020
56	HODs/OICs, TEQIP-II Coordinator, TPO, DC(F&A), Supdt.G-I	05-09-2020
57	HODs/OICs, Dean Academics	11-08-2020
58	HODs/OICs, TEQIP-II Coordinator, TPO, DC(F&A), Supdt.G-I	05-08-2020
59	HODs/OICs, TPO, TEQIP Coordinator, DC F&A, Supdt.G-I	24-06-2020
60	HODs/OICs, faculty, staff, Regular/contractual/consolidate and Outsources staff	06-03-2020
61	HODs/OICs, TPO, SPO, TEQIP Coordinator, DC F&A, Supdt.G-I	05-03-2020
62	HODs/OICs, TPO, TEQIP Coordinator	29-02-2020

63	HODs/OICs, TPO, SPO, TEQIP Coordinator & other staff NBA Accreditation	12-02-2020
64	HODs/OICs, TPO, SPO, TEQIP Coordinator, DCF&A, Supdt. G-I	11-02-2020
65	HODs/OICs, TPO, Coordinator, DCF&A	07-01-2020
66	HODs/OICs, TPO, TEQIP Coordinator/ GATE Coordinator	19-11-2019
67	HODs/OICs, TPO, TEQIP Coordinator/ GATE Coordinator	05-11-2019
68	HODs/OICs, TPO, NBA Coordinator/ GATE Coordinator/ Exam Coordinator	19-10-2019
69	HODs/OICs, TPO,	05-10-2019
70	HODs/OICs, IIC Midterm	13-09-2019
71	HODs/OICs, TPO, TEQIP Coordinator/SPO/GATE Coordinator/Nodal officer(Procurement)In charge Employability skill,	02-09-2019
72	HODs/OICs, TPO, TEQIPCoordinator Estate office	14-08-2019
73	HODs/OICs, TPO, TEQIP Coordinator, DCF&A	27-07-2019
74	Faculty & Staff of all Departments	24-07-2019
75	HODs/OICs, TPO, TEQIP-III Coordinator/SPO/GATE Coordinator/Nodal officer(Procurement),	23-07-2019
76	HODs/OICs, TPO, Coordinator TEQIP-III, Estate office/DCF&A	22-07-2019
77	HODs/OICs, TPO, Coordinator TEQIP-III& Nodal officer	09-07-2019
78	HODs/OICs, Faculty of all Departments	01.06.2019
79	HODs/OICs, NBA Coordinators	30.04.2019
80	HODs/OICs, JCFA, Dean Academics, TEQIP- III Coordinator	30.04.2019
81	HODs/OICs, JCFA, TPO, Dean Academics, Superintendent (Grade I), Librarian, Time TableIncharge	13.03.2019
82	HODs/OICs, TPO	22.02.2019
83	HODs/OICs, JCFA, TPO, Dean Academics	05.02.2019
84	HODs/OICs, GATE Classes Coordinator	22.01.2019
85	HODs/OICs, GATE Classes Coordinator	18.01.2019
86	NBA Coordinators, TPO	04.12.2018
87	HODs/OICs, Dean Academics	22.10.2018
88	HODs/OICs, TPO, Dean (SW), Director NIT Jalandhar	06.10.2018
89	HODs/OICs, TPO, Dean Academics	04.10.2018
90	HOD/OIC, JCFA, Dean Academics, Librarian, Superintendent (Grade I)	30.07.2018

91	HODs/OICs, Dean Academics	26.07.2018
92	HODs/OICs, JCFA, Dean Academics	07.03.2018
93	HODs/OICs, JCFA, Superintendent (Grade I), TPO, Dean Academics	27.02.2018
94	HODs/OICs, JCFA, Superintendent (Grade I)	19.02.2018
95	HODs/OICs, Deans, JCFA, Superintendent (Grade I)	07.02.2018
96	HODs/OICs, TPO	02.01.2018
DETAILS OF STUDENT WELFARE MEETINGS		
S.N O.	DESCRIPTION OF MEETINGS	DATE
1	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments.	11.04.2022
2	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments.	25.06.2021
3	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments.	23.09.2020
4	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments.	15.02.2019.
5	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments	17.04.2018
6	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments	29.01.2018
7	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments.	21.11.2017
8	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments.	18.04.2017
9	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments.	09.11-2016
10	HODs/OICs, TPO, Dean Academics, JCFA, Superintendent (Grade I), Junior Auditor, 2 nd , 3 rd , 4 th year Student Representatives from all Departments.	06.09.2016
<i>(Minutes of meetings of BOG attached for reference in Annexure II)</i>		

VARIOUS COMMITTEES:

An Anti-Ragging committee constituted as per AICTE notified regulation for prevention and prohibition of ragging as instruction / recommendation of Dr. RK Raghwan committee is working in the institution from many years under the chairmanship of Director/Principal and members from the various fields like Police, Media, parents, NGO, faculty from each department and class representatives etc. to curb the incidence of ragging.

Session 2021-2022 (Office Order No.146 dated 25-03-2021)

Sr. No.	Name and Designation	Role in Committee	Contact No.
1.	Director/ Principal	Chairman	
2.	Prof. Rajeev Khanduja	Member Secretary	7015610091
3.	Er. Ajay Kumar, AP ME	Member	8679422386
4.	ER. Prashant Thakur AP CE	Member	9559900927
5.	Er. Priya Jaswal, AP TE	Member	9805029429
6.	ER. Nitasha Bisht, AP ECE	Member	9418113500
7.	Dr. Sunita Thakur	Member	9418164965
8.	Mr. Suresh Verma, APRO	Media Representative	7018084525
9.	Sh. Jitender Sharma,	Civil Representative	9418066005
10.	Sh. Jitender Verma, President Center for Sustainable Development Sundernagar	NGO representative	9418459434
11.	Sh. Kamal Kant, SHO, PS SNR	Police Representative	7018084525
12.	Sh. Pawan Kumar, Clerk	Parents representative	9805546608
13.	All CR of 1st, 2nd, 3rd and 4th year	Student Representative	

Session 2020-21 (Office Order No.72 dated 25-02-2020)

Sr. No.	Name and Designation	Role in Committee	Contact No.
1.	Director/ Principal	Chairman	
2.	Sh. Achhar Singh, Dean (SWF)	Member Secretary	94184042605
3.	Ms. Madhu Sharma A.P CE	Member	9805504509
4.	Er. Ajay Kumar, AP ME	Member	8679422386
5.	Sh. Manavi Sharma, AP Elect.	Member	8219815278
6.	Sh. Gopal Singh, Senior Auditor	Member	9418468559
7.	Sh. Kuldeep Guleria, APRO	Media Representative	9418144703
8.	Sh. Kamal Kant, SHO, PS SNR	Police Representative	7018084525
9.	Sh. Jitender Sharma,	Civil Representative	9418066005
10.	Sh. Jitender Verma, President Center for Sustainable Development Sundernagar	NGO representative	9418459434
11.	Sh. Pawan Kumar, Clerk	Parents representative	9805546608

12.	All CR of 1st, 2nd, 3rd and 4th year	Student Representative																																	
<u>Session 2019-20 (Office Order NO.19 dated 19-01-2019)</u>																																			
Sr No.	Name and Designation	Role in Committee	Contact No.																																
1.	Director/ Principal	Chairman																																	
2.	Sh. Achhar Singh, Dean (SWF)	Member Secretary	94184042605																																
3.	Ms. Madhu Sharma A.P CE	Member	9805504509																																
4.	Ms. Urvashi Malhotra, A.P TE	Member	9816221270																																
5.	Sh. Gaurav Mahajan	Member	7807485000																																
6.	Sh. Ankit Sharma, AP ECE	Member	9805230900																																
7.	Sh. Gopal Singh, Senior Auditor	Member	9418468559																																
8.	Sh. Kuldeep Guleria, APRO	Media Representative	9418144703																																
9.	Sh. Gurbachan Singh	SHO, Thana Sundernagar	9418114810																																
10.	Sh. Jitender Sharma,	Civil Representative	9418066005																																
11.	Sh. Jitender Verma, President Center for Sustainable Development Sundernagar	NGO representative	9418459434																																
12.	Sh. Pawan Kumar, Clerk	Parents representative	9805546608																																
13.	All CR of 1st, 2nd, 3rd and 4th year	Student Representative																																	
<p>In order to redress the grievances of faculty/staff/students through online/offline mode, Grievance Redressal Committee at institution level has been constituted. The committee submits online monthly status report regarding the number of grievances received, disposed of pending as on the last day of previous month to AICTE. As per office order no 23 as tabulated as under:</p> <p style="text-align: center;"><u>Session 2019-20 (OrderNo.73 dated 25-02-2020)</u></p> <table> <tr> <th>Sr. No.</th><th>Name and Designation</th><th>Role in Committee</th><th>Contact No.</th></tr> <tr> <td>1.</td><td>Director- cum Principal</td><td>Chairman</td><td>9418062974</td></tr> <tr> <td>2.</td><td>Prof. Himanshu Monga, Dean (Academic)</td><td>Member</td><td>9418030062</td></tr> <tr> <td>3.</td><td>Dr. Champa Verma, AP AS&H</td><td>Member</td><td>9459850050</td></tr> <tr> <td>4.</td><td>All CR's of 4th Year (Student Representatives)</td><td>Member</td><td>-</td></tr> </table> <p>The committee of following Faculty members of this institute has been constituted as Internal Complaints Committee for Gender sensitization, prevention, and prohibition of Sexual harassment of Women employees and students the institute.</p> <p style="text-align: center;"><u>Session 2020-2021 (OrderNo.144 dated 25-03-2021)</u></p> <table> <tr> <th>Sr. No.</th><th>Name and Designation</th><th>Role in Committee</th><th>Contact No.</th></tr> <tr> <td>1.</td><td>Dr. Champa Verma AP AS&H</td><td>Chairman</td><td>9459850050</td></tr> <tr> <td>2.</td><td>Mrs. Priya Jaswal, AP TE</td><td>Member</td><td>7018045153</td></tr> </table>				Sr. No.	Name and Designation	Role in Committee	Contact No.	1.	Director- cum Principal	Chairman	9418062974	2.	Prof. Himanshu Monga, Dean (Academic)	Member	9418030062	3.	Dr. Champa Verma, AP AS&H	Member	9459850050	4.	All CR's of 4 th Year (Student Representatives)	Member	-	Sr. No.	Name and Designation	Role in Committee	Contact No.	1.	Dr. Champa Verma AP AS&H	Chairman	9459850050	2.	Mrs. Priya Jaswal, AP TE	Member	7018045153
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3.	Dr. Vivek, AP CE	Member	8219307822
4.	Smt. Anita Jaswal, Librarian	Member	9418671387
5.	Mrs. Nitasha Bisht, AP ECE	Member	9418005567
6.	Sh. Jitender Verma, President, Centre for Sustainable Development Sundernagar	NGO Representative	9418459434
7.	Ms. Shikha Pre-Final Year(TE)	Member	-
8.	Mr. Satyam Thakur Pre Final Year(ME)	Member	-
9.	Miss Jagriti Arora, Pre Final Year(CE)	Member	-

The committee of following Faculty members of this institute has been constituted for **Prevention of Atrocities** with SC/ST student/ faculty/ staff.

Session 2020-21 (OrderNo.145 dated 25-03-2021)

Sr No.	Name and Designation	Role in Committee
1.	Dr. Champa Verma, AP & AS&H	Chairman
2.	Dr. Vicky, AP, ECE	Member
3.	Er. Kapil Dev, AP CE	Member
4.	Er. Dinesh Bhatia, AP TE	Member
5.	Er. Rohit Bhardwaj, AP ME	Member

Monitoring /verifying committee for checking/verify the **Scholarship application** at Institute level.

Session 2021-22

Sr No.	Name and Designation	Role in Committee
1.	Director-cum-Principal	Chairman
2.	Prof. S.P. Guleria, Head Civil Engg.	Member
3.	DCF&A	Member
4.	Dean Academics	Member
5.	Ms. Preeti Gautam AP TE	Member Secretary

Session 2020-21 (OrderNo.145 dated 25-03-2021)

No.	Name and Designation	Role in Committee
1.	Director-cum-Principal	Chairman
2.	Prof. S.P. Guleria, Head Civil Engg.	Member

3.	DCF&A	Member
4.	Dean Academics	Member
5.	Ms. Urvashi Malhotra, AP TE	Member Secretary

The committee of following Faculty members of this institute is hereby constituted for **Internal Quality Assurance Cell** to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of institute.

Session 2019-20 (OrderNo.183 dated 09-07-2019)

Sr No.	Name and Designation	Role in Committee
1.	Director cum principal	Chairman
2.	Head (Mechanical Engineering)	Member
3.	Head (ECE/Dean Academics)	Member
4.	Head (Applied Science Humanities)	Member
5.	Head/ OIC (Textile Engg.)	Member
6.	Training & Placement Officer	Member
7.	Mr. Rohit Bhardwaj ME	Member
8.	Mr. Kapil Dev, CE	Member Secretary

Intellectual Property Right Cell of this college constituted the committee of following Faculty members of this institute to look after the activities related to the intellectual property of the college, Evaluation and filling of patents, copyrights, design, or other related work.

Session 2019-20 (OrderNo.179 dated 09-07-2019)

Sr. No.	Name and Designation	Role in Committee
1.	Prof. Rajeev Khanduja, Head ME	Chairman
2.	Prof. Himanshu Monga, Head ECE	Member
3.	Sh. Vivek, AP CE	Member Secretary

Start-up & Incubation Cell and Innovation cell, the committee of following Faculty members of this institute is constituted for implementing Govt. of India “startup India” initiative and to encourage our student to work on new ideas and innovation and promote them to create start up and entrepreneurial ventures.

Session 2021-22

Sr No	Name and Designation	Role
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1.	Dr. Vivek, Assistant Professor CE	Chairman
2.	Mr. Vinay Sharma, Assistant Professor AS&H	Member
3.	Dr. Vicky, Assistant Professor ECE	Member
4.	Mr. Dinesh Bhatia, Assistant Professor TE	Member
5.	Mr. Rohit Bhardwaj, Assistant Professor ME	Member

Session 2019-20 (OrderNo.223 dated 09-08-2019)

Sr No.	Name and Designation	Role in Committee
1.	Prof. Himanshu Monga, Head ECE	Chairman
2.	Er. Vivek, AP Civil	Member
3.	Er. Dinesh Bhatia, AP TE	Member
4.	Er. Rohit Bhardwaj, A.P ME	Member
5.	Er. Vicky Kumar, AP ECE	Member Secretary
6.	Sh. Vinay Sharma, AP AS& H	Member Secretary

An **Institutional Civil Works Committee** of following Faculty members of this institute is constituted for looking after and monitoring all the construction activities and related works:

Session 2021-2022 (Order No 421. dated 02-08-2022)

Sr No.	Name and Designation	Role in Committee
1.	Er. Kapil Dev, A.P. Civil Engg.	Chairman
2.	Er. Prashant Thakur A.P. Civil Engg.	Member Secretary
3.	Ms. Surabhi, A.P. Civil Engg.	Member

Session 2020-2021 (OrderNo.196 dated 29-09-2020)

Sr No.	Name and Designation	Role in Committee
1.	Er. Kapil Dev A.P. Civil Engg.	Officer Incharge
2.	Er. Prashant Thakur A.P. Civil Engg.	Member
3.	Ms. Manavi Sharma, AP EE	Member

Session 2019-20 (OrderNo.215 dated 05-08-2019)

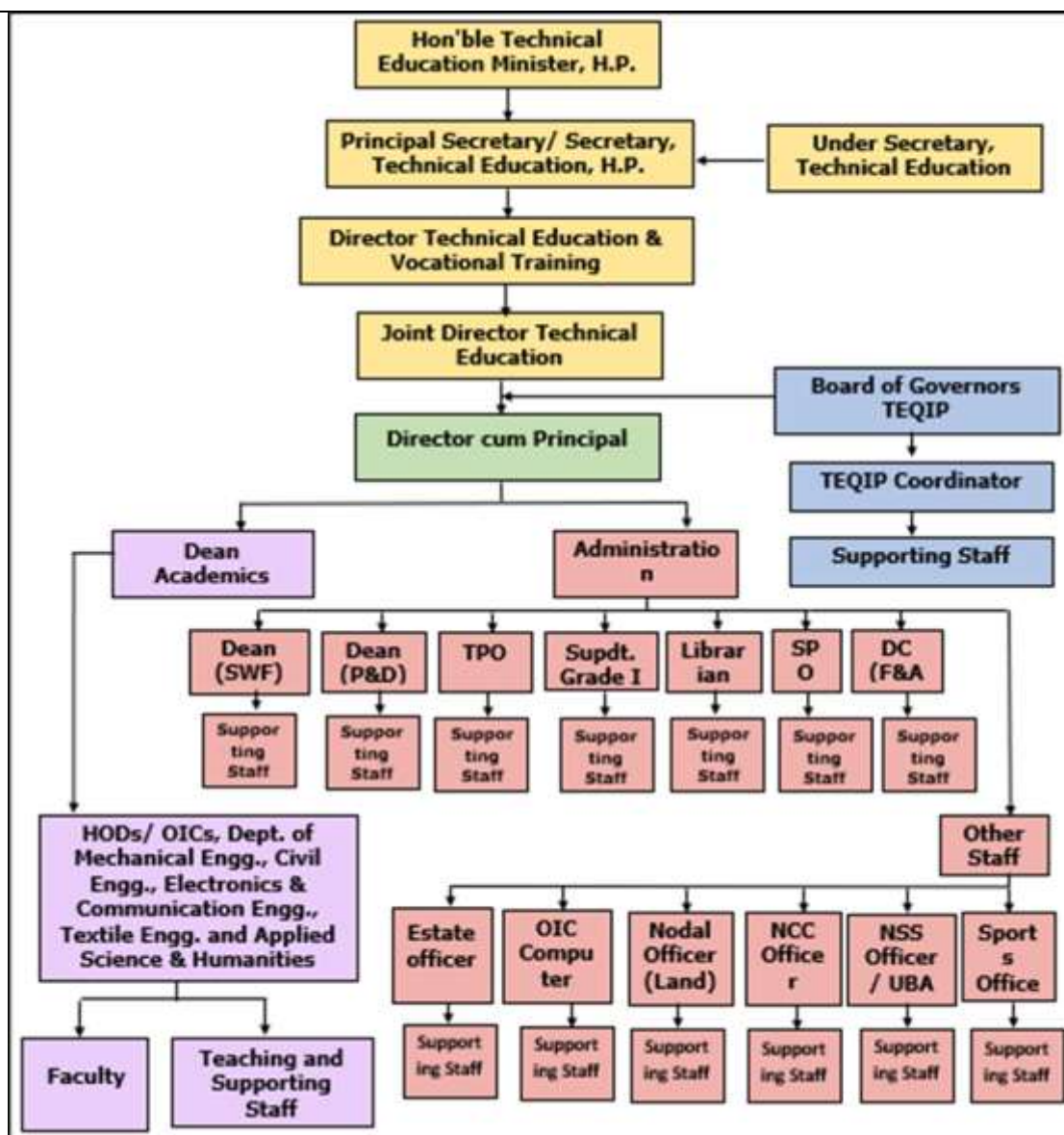
Sr No.	Name and Designation	Role in Committee
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	1.	Prof. S.P. Guleria, HOD CE	Chairman
	2.	Dr. Ritesh Kaundal, AP ME	Member
	3.	Sh. Vicky Kumar, AP ECE	Member
	4.	Ms. Manavi Sharma, AP EE	Member
	5.	Sh. Kapil Dev, AP CE	Member Secretary
	An institutional NISP adaptation Committee of following Faculty members of this institution.		
	<u>Session 2021-22</u>		
	<u>Sr.No</u>	<u>Name and Designation</u>	<u>Role</u>
	1.	Dr. S.P. Guleria, Director	Advisor
	2.	Dr. Vivek, Assistant Professor CE	Chairman
	3.	Mr. Vinay Sharma, Assistant Professor AS & H	Member
	4.	Dr. Vicky, Assistant Professor ECE	Member
	5.	Mr. Dinesh Bhatia, Assistant Professor TE	Member
	6.	Mr. Rohit Bhardwaj, Assistant Professor ME	Member
	The committee of faculty members of this institute has been as Institution Industry Cell to reduce the gap between industry expectations and academic offering.		
	<u>Session 2020-21 (OrderNo.147 dated 25-03-2021)</u>		
	<u>Sr No.</u>	<u>Name and Designation</u>	<u>Role in Committee</u>
	1.	Sh. Anil Kanwar, TPO	Chairman
	2.	Dr. Ritesh Kaundal, Assoc. Professor	Member
	3.	Sh. Amit Kumar, AP TE	Member
	4.	Sh. Ankit Sharma, AP ECE	Member
	5.	Er. Prashant Thakur	Member
	6.	All student placement representatives.	Member
	Attach as Annexure(s) <ul style="list-style-type: none"> Any additional information. Paste link for additional information, if any. 		
6.1.2	The effective leadership is visible in various institutional practices such as decentralization and participative management		

	<p>Decentralization and participative management are effectively practiced through the formation of various academic and administrative committees. A notable case study is the implementation of the annual technical fest “TWASK” organised once in year. The fest is organized by a student-led committee, which works in close collaboration with faculty members and administrative staff. Faculty members, who act as mentors, provide guidance on content, logistics, and coordination, while students take the lead in event management, marketing, and execution. This decentralized approach ensures that decision-making is shared, allowing both faculty and students to contribute their expertise. Regular meetings between the committees and stakeholders foster open communication and transparency, ensuring that all voices are heard. The success of the fest, which has grown in scale and participation over the years, demonstrates the effectiveness of decentralization and participative management in promoting teamwork, leadership, and organizational growth within the institution.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Paste link for additional information, if any. view details
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Key Indicator 6.2 Strategic Development and Deployment

6.2.1	<p>The institutional strategic/perspective plan is effectively deployed</p> <p>One activity successfully implemented based on its strategic plan is the establishment of the Industry-Academia Collaboration Program. This initiative aligns with the institution’s vision to enhance students' practical knowledge and employability. The strategic plan emphasized building strong connections with industry leaders to provide real-world exposure to students. As a result, JNGEC organized regular industrial visits, internships, and workshops with professionals from various sectors and also industry-based laboratories are established by ACC and Ultratech cement. The program also features guest lectures and collaborative research projects, where students work alongside industry experts. This initiative has not only bridged the gap between academic learning and industry requirements but also significantly improved placement opportunities for students. The success of this program has positioned the college as a hub for industry-relevant skills, demonstrating the effective implementation of the strategic plan and fostering a culture of continuous learning and innovation.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Strategic plan and deployment documents on the website. Any additional information. Paste link for additional information, if any. view pictures
6.2.2	<p>The functioning of the institutional bodies is effective and efficient as visible from policies, administrative set up, appointment and service rules, procedures etc.</p> <p>Organization chart of the institute is given as under:</p>



The appointment of faculty and staff is made by the recruiting agencies of the State Govt. i.e. HPPSC and HPSSB as per the R & P rules prescribed for various posts by the Govt. The Govt. of Himachal Pradesh vide Notification no. END(TE)F(1)/2017 dated 18-05-2018 has also constituted Board of Governors (BOG under ‘Technical Education Quality improvement Program’ (TEQIP) Phase-III-A World Bank funded project. The Board is having following members:-

Attach as Annexure(s)

- Any additional information.
- Link to Organogram of the Institution website, if any.
- Paste link for additional information, if any.

6.2.3	<p>Implementation of e-governance in areas of operation</p> <p>(1) Administration (2) Finance and Accounts (3) Student Admission and Support (4) Examination</p> <p>Options:</p> <p>(A) All of the above (B) 3 of the above (C) 2 of the above (D) 1 of the above (E) None of the above</p> <p>Data requirement:</p> <ul style="list-style-type: none"> • Areas of e-governance Administration Finance and Accounts Students Admission and Support Examination • Name of the Vendor with contact details • Year of implementation <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • ERP (Enterprise Resource Planning) Document. • Screenshots of user interfaces • Any additional information • Details of implementation of e-governance in areas of operation, Administration etc.
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Key Indicator 6.3 Faculty Empowerment Strategies

Item No.	Particulars
6.3.1	<p>The institution has effective welfare measures for teaching and non-teaching staff.</p> <p>Bing a Govt. Institute, has implemented several effective welfare measures for both teaching and non-teaching staff as per govt. norms. These include:</p> <ol style="list-style-type: none"> 1. Leave and Maternity Benefits: Staff are entitled to various leave options, such as earned leave, casual leave, restricted holidays, maternity leave (180 days), paternity leave (15 days), and study leave (up to 2 years) ensuring work-life balance. 2. Retirement and Medical Benefits: Employees are covered under the General Provident Fund (GPF), Government Insurance Scheme, gratuity, and pension schemes, including the Old Pension Scheme (OPS) and National Pension Scheme (NPS). Moreover, the government provides medical reimbursement, hospitalization bills, and access to health check-up camps.

	<div>3. Skill Development and enhancing higher education: Institute has encouraged their staff for professional development through training programs, workshops, and participation in conferences to enhance skills and career growth by enhancing their education i.e. PhD and research.</div> <div>4. Employee Grievance Redressal: A system is in place to address grievances, ensuring a healthy work environment.</div> <div>Attach as Annexure(s)</div> <div><div></div><div><div></div><div>Any additional information.</div><div>Paste link for additional information, if any.</div></div></div>												
6.3.2	<div>Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years</div> <div><div>6.3.2.1</div><div>No. of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years</div><table><tr><th>Year</th><th>2024</th><th>2023</th><th>2022</th><th>2021</th><th>Total</th></tr><tr><td>Number</td><td>28</td><td>47</td><td>77</td><td>37</td><td>189</td></tr></table></div> <div>Data requirement for last five years:</div> <div><div></div><div><div></div><div>Name of the teachers</div><div>Name of conference/workshop attended for which financial support was provided.</div><div>Name of the professional body for which membership fee is provided</div></div></div> <div>Formula:</div> <div>Percentage per year = $\frac{\text{No. of teachers provided with financial support to attend conferences, workshops and towards membership fee of professional bodies}}{\text{No. of full time teachers}} \times 100$$= 18900/ 230$$=82.17\%$</div> <div>Average percentage = $\frac{\sum \text{Percentage per year}}{4}$$= 82.17 / 4$$= 20.5\%$</div> <div>Attach as Annexure(s)</div> <div><div></div><div><div></div><div>Any additional information.</div><div>Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years. Annexure 6.3.2</div></div></div>	Year	2024	2023	2022	2021	Total	Number	28	47	77	37	189
Year	2024	2023	2022	2021	Total								
Number	28	47	77	37	189								
6.3.3	<div>Average No. of professional development/administrative training programs organized by the institution for teaching and non-teaching staff during the last five year</div> <div><div>6.3.3.1</div><div>Total No. of professional development/administrative training programmes organized by the institution for teaching and non-teaching staff year wise during the last five years</div><table><tr><th>Year</th><td></td><td></td><td></td><td></td><td></td></tr><tr><th>Number</th><td></td><td></td><td></td><td></td><td></td></tr></table></div>	Year						Number					
Year													
Number													

	<p>Data requirement for the last five years:</p> <ul style="list-style-type: none">• Title of the professional development programme organized for teaching staff.• Title of the administrative training programme organized for non-teaching staff• Dates (From-to) <p>Formula:</p> <p>Average per year = $\frac{\text{Total No. of professional development or administrative training programmes organized for teaching and non-teaching staff during the last five years}}{5}$</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">• Any additional information.• Details of professional development/administrative training programmes organized by the University for teaching and non-teaching staff																					
6.3.4	<p>Average percentage of teachers undergoing online/face-to-face Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation/Induction Programmes, Refreshers Course, Short Term Course etc.)</p> <table><tr><td>6.3.4.1</td><td colspan="6">Total No. of teachers attending professional development programmes viz., orientation/induction programme, refresher course, short term course year wise during the last five years</td></tr><tr><td></td><td>Year</td><td>2024-25</td><td>2023-24</td><td>2022-23</td><td>2021-22</td><td>2020-21</td></tr><tr><td></td><td>Number</td><td>13</td><td>24</td><td>22</td><td>21</td><td>18</td></tr></table> <p style="text-align: right;">Total of 4 years=98</p> <p>Data requirement for the last five years:</p> <ul style="list-style-type: none">• No. of teachers• Title of the programme• Duration (from-to) <p>Formula:</p> <p>Percentage per year = $\frac{\text{Total No. of teaching staff attending such programmes}}{\text{No. of full time teachers}} \times 100$ =80/230 x 100 = 34.78%</p> <p>Average percentage = $\frac{\sum \text{Percentage per year}}{4}$ = 26.08/4 = 6.5%</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">• Details of teachers attending professional development programmes during the last five years. Any additional information. . Annexure 6.3.4.1	6.3.4.1	Total No. of teachers attending professional development programmes viz., orientation/induction programme, refresher course, short term course year wise during the last five years							Year	2024-25	2023-24	2022-23	2021-22	2020-21		Number	13	24	22	21	18
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	Year	2024-25	2023-24	2022-23	2021-22	2020-21																
	Number	13	24	22	21	18																
6.3.5	<p>Institution’s Performance Appraisal System for teaching and non-teaching staff</p> <p>Faculty Performance Appraisal and Development System (FPADS)</p>																					

	<p>Faculty is recruited as per the prescribed norms by Himachal Pradesh Public service Commission, Govt. of H.P. and is recruited from all fields of specialization. Faculty members are specialized in diversified areas of Civil Engineering like Structural Engg., Construction Management & Technology, Environmental Engg., Transportation Engg. Faculty members have good research exposure and have published research papers in reputed journals and presented papers in national and international conferences in India. Other than teaching load, the faculty also participates in various Development Programs, Short Term Training Courses (1 week/2 weeks) and Summer Training Courses to upgrade their knowledge in the latest field of Engg. & Research throughout India. Faculties have also actively participated in Masons Training workshop as Master trainers, expert lectures in HP Forest Training Institute, Appropriate technology research, development and promotion centre for future benefits for community & society in Civil Engg. & Research field. Faculties have also given duties in state Govt. works other than their own department like Election Work in 2019. Faculties also share their expertise in various consultancy works in different projects like Quality Assurance Work, Testing of samples, Proof Checking of Bridge components and Renovation work of Airport. Faculty members are members of various institute level committees (Planning & Development committee, Procurement committee, institutional NBA committee, Library committee, Civil works, TEQIP member, T& P member, AICTE committee) and involved in various institute level works. Faculty is also actively involved in various other works like student feedback, technical events, sports events, cultural programs. Faculty also takes keen interest in developing the central library facility by recommending the latest books for the benefit of students and faculty. Faculties are procuring advanced machineries/ equipments in the department for best performance of experiments, projects and research works. Students are guided by faculties to prepare working models for research studies and technical events. Faculty members of Educational Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, faculty members need to innovate and conduct research for their self-renewal, keep abreast with changes in technology, and develop expertise for effective implementation of curricula. The assessment is based on a well-defined system for faculty appraisal for all the assessment years.</p> <p>Faculty Self-Assessment (performance appraisal) – A format prescribed by Directorate of Technical Education, Govt. Of H.P., is being provided which the faculty has to fill once in every year. In the format the faculty has to provide the details of his/her teaching load (in hrs./weeks) per semester for all semesters for the particular assessment year, pass percentages in each courses taught in all semesters, extra -curricular activities performed in department, at institute level, at community/society level, Short term courses/trainings/development Programs attended, Seminars/workshop/conference arranged and expert lectures delivered at any training Programs/ workshops/conferences, research work. The above-mentioned details provided by individual faculties are assessed by the Head of the Department and recommendations are given by HOD. Further, the filled-up</p>
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	<p>format is assessed by the Head of the institution (Director/Principal) & recommendation is provided by Director/Principal.</p> <p>Performance appraisal is a formal method of evaluation of the performance of the faculty and staff. It is designed to increase the efficacy of the teachers aiding them in career development. Performance appraisal system has multiple steps as follows:</p> <ol style="list-style-type: none"> a) Annual confidential report (regular faculty) and work and conduct (contractual faculty) is filled by individual faculty members. b) HOD/Officer-In-Charge assesses regular and contractual faculty members on following basis in addition to core teaching job assigned: <p>Regular faculty members</p> <ol style="list-style-type: none"> i. Comment on self-appraisal provided by the faculty. ii. Accomplishment of planned work. iii. Quality of work output. iv. Accomplishment of exceptional work/unforeseen tasks performed. v. Knowledge of Law and Rules. vi. Ability to coordinate with superiors and subordinates. vii. Sense of responsibility. viii. Communication skills. ix. Sincerity and devotion to duty. x. Behaviour with general public. xi. Overall assessment. <p>Contractual faculty members</p> <ol style="list-style-type: none"> i. Amenability of discipline. ii. Capacity to impart training. iii. Work and conduct. iv. Quality of work. v. Status of manners.
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	<p>vi. Status of power of working with others.</p> <p>vii. Status of punctuality and regularity.</p> <p>viii. Sense of responsibility.</p> <p>ix. Quickness in the disposal of work.</p> <p>x. Intelligence and understanding.</p> <p>c) The service & conduct and overall performance of the employee is assessed and recommended by Director-cum-Principal/ Head of the Institute.</p> <p>d) Further, overall performance of the employee is assessed and recommended by Director, Technical Education (i.e. Head of the Department).</p> <p>Finally, the ACR of regular employee are accepted by Principal Secretary/Secretary,</p> <p>Implementation and effectiveness:</p> <p>(i) From the self-assessment process where the faculty provides all the details of his/her performed works including teaching in the prescribed format. While filling the form he/she can analyse his/her shortcomings in which he/she has to improve further. The faculty in future becomes attentive so as not to repeat the same thing again. It also helps him/her to cover the subject effectively in the coming semesters and to perform any work in an efficient manner. The performance appraisal system is applicable to all the employees as the institute comes under the domain of state government.</p> <p>a. Regular employees are promoted /re-designated after the departmental promotional committee has thoroughly gone through their ACR's.</p> <p>b. The probation period of regular employees can be extended for more than two years if their performance is not found satisfactory.</p> <p>c. In case, there are any discrepancies in the work assigned to the faculty and staff, head of the institute has the power to issue an explanation/warning letter.</p> <p>d. Services of contractual employees are renewed on the basis of their satisfactory work and conduct.</p>
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	<p>(ii) From the feedback from students, he/she can improve the teaching style or incorporate any other methods/skills in his/her teaching style for better performance and understanding of students.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information. Paste link for additional information, if any.
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Key Indicator 6.4 Financial Management and Resource Mobilization

Item No.	Particulars
6.4.1	<p>Institution conducts internal and external financial audits regularly</p> <p>Availability of the audited statements on the institute's website (5)</p> <p>a) Audit for the funds prepared by H.P. State Govt.</p> <p>The Comptroller and Auditor General of India, national academy of audit and account, Shimla, H.P. carries out an audit relating to financial expenditure incurred on the fund/budget provided to the institution under plan and non-plan category.</p> <p>Account General (A.G.) offices, Shimla send a panel of Auditors to check the expenditure made by the institution and submit information/ reports to the Govt. No time schedule has been fixed for inspection/audit A.G. office carries out audit as per their norms/regulations.</p> <p>b) Audit of student's welfare fund (SWF)</p> <p>The audit relating to funds deposited under category students welfare is carried out by local audit deptt. as per the rule /regulation and decision of the local audit dept.</p> <p>c) Audit of TEQIP-iii (Technical Education Quality improvement Program- A world bank funded project)</p> <p>State Project Implementation unit (SPIU) appoints an internal Auditor to carry out an audit relating to expenditure made under TEQIP, Normally, audit is carried out once</p>

	<p>in a six month period. The audit report is sent to the office of National Project implementation Unit-(TEQIP-III) New Delhi.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">Any additional information.																					
6.4.2	<p>Funds/Grants received from non-government bodies, individuals, philanthropers during the last five years (Not covered in Criterion III)</p> <table><tr><td>6.4.2.1</td><td colspan="6">Total grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in lakhs)</td></tr><tr><td></td><td>Year</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>INR in lakhs</td><td>-</td><td>-</td><td>Nil</td><td>-</td><td>-</td></tr></table> <p>Data requirement for last five years:</p> <ul style="list-style-type: none">Name of the non-government bodies, individuals, Philanthropists.Funds/grants received <p>Attach as Annexure(s)</p> <ul style="list-style-type: none">Annual statements of accounts.Details of funds/grants received from the non-government bodies, individuals, Philanthropists during the last five years.Any additional information.	6.4.2.1	Total grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in lakhs)							Year							INR in lakhs	-	-	Nil	-	-
6.4.2.1	Total grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in lakhs)																					
	Year																					
	INR in lakhs	-	-	Nil	-	-																
6.4.3	<p>Institutional strategies for mobilisation of funds and the optimal utilization of resources.</p> <p>This institution being a Govt. Institution, is funded, regulated and administered as per the rules/regulation and instruction issued by the Govt. (Dept. of Technical Education). The dept. is administered by the principal Secretary (Technical Education to the Govt. of H.P.) and headed by the Director (Technical Education Vocational & industrial Training Sundernagar) The Director cum Principal acts as controlling, drawing and disbursing officer. The Director –Cum –Principal, Jawaharlal Nehru Govt. Engg. College Sundernagar is also conferred with the financial delegation for the budget provided from time to time by Govt. of Himachal Pradesh.</p> <p>As per the budgetary requirement of institution, institution is provided with the fund under planned & non planned category and Director /Principal execute purchase as per the provision of rules / regulation contained in the Himachal Pradesh Financial Rules Regulation.</p>																					

	<p>Director cum principal is also authorized by the H.P. Govt. to use funds provided under students' welfare scheme (SWF) as per the rule regulation contained in the student's welfare scheme, which are amended from time to time.</p> <p>A students welfare committee (SWF) is also constituted in the institution to approve the various expenditure/approvals, which are the academic & other interest of students</p> <p>Head of Dept. of various branches act as controlling officers for various faculty/staff in each department.</p> <p>All the proposals for the purpose of procurement/academic interest etc. are initiated by the department & sent to the Director office for approval.</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Any additional information.
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Criterion 7 – Institutional Values and Best Practices

Key Indicator-7.1 Institutional Values and Social Responsibilities

Item No.	Particulars
7.1.1	<p>Measures initiated by the institution for gender equity promotion of gender equality during the last five years</p> <p>Describe gender equity and sensitization in curricular and co-curricular activities, facilities for women on campus etc. within 100-150 words</p> <ul style="list-style-type: none"> JNGEC promotes awareness amongst Faculty Members, Staff and Students on issues like Health, Education, Gender Equality through Workshops, Seminars, Debates and Quizzes. Sexual harassment and anti-ragging committee has been formed to provide prevention of Sexual Harassment and ragging incidents. Conduct regular Meetings of Anti-ragging/ Women and Student Grievances Redressal Committees for monitoring and evaluation of gender equality. Organise Mentorship Programme where students are assigned Mentors whom they can approach for guidance. During the Orientation Programme for new students, familiarise them with campus life and values. Conduct Workshops to promote awareness regarding Cyber Security. Self-Defence, Entrepreneurship amongst Faculty Members, Staff and Students.

	<ul style="list-style-type: none"> Encourage Faculty Members to promote equal representation and facilitate equal participation in projects, co-curricular activities and sports <p>Provide web link to (if any):</p> <ul style="list-style-type: none"> Annual gender sensitization action plan Specific facilities provided for women in terms of <ol style="list-style-type: none"> Safety and security Counselling Common Rooms Day care centre for young children Any other relevant information <p>Attachment - view details</p>
	Environmental Consciousness and Sustainability
7.1.2	<p>The institution has facilities for alternate sources of energy and energy conservation measures</p> <ol style="list-style-type: none"> Solar energy ✓ Biogas Plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/power efficient equipment ✓ <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> Geotagged photographs - view details Any other relevant information
7.1.3	<p>Describe the facilities in the institution for management of following types of degradable and non-degradable waste (within 100-150 words)</p> <ul style="list-style-type: none"> Solid waste management ✓ Liquid waste management ✓ Biomedical waste management N/A E-waste management Waste recycling system ✓ Hazardous chemicals and radioactive waste management <p>Provide web link to (if any):</p> <ul style="list-style-type: none"> Relevant documents like agreements/MoUs with Government and other approved agencies - view details Geo-tagged photographs of the facilities. Any other relevant information.
7.1.4	<p>Water conservation facilities available in the Institution:</p> <p>Rain water harvesting</p> <ol style="list-style-type: none"> Borewell/Open well recharge

	<p>(2) Construction of tanks and bunds ✓</p> <p>(3) Waste water recycling</p> <p>(4) Maintenance of water bodies and distribution system in the campus ✓</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Geo-tagged photographs/videos of the facilities. - view details • Any other relevant information.
7.1.5	<p>Green campus initiatives include:</p> <p>(1) Restricted entry of automobiles</p> <p>(2) Battery-powered vehicles</p> <p>(3) Pedestrian-friendly pathways ✓</p> <p>(4) Ban on the use of plastics ✓</p> <p>(5) Landscaping with trees and plants</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Geotagged photographs/videos of the facilities. view pictures • Any other relevant information.
7.1.6	<p>Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:</p> <p>(1) Green audit -</p> <p>(2) Energy audit -</p> <p>(3) Environment audit -</p> <p>(4) Clean and green campus recognitions/awards -</p> <p>(5) Beyond the campus environmental promotion activities -</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Reports on environment and energy audits. • Any other relevant information.
7.1.7	<p>The institution has disabled-friendly, barrier free environment</p> <ul style="list-style-type: none"> • Built environment with ramps/lifts for easy access to classrooms - ✓ • Disabled-friendly washrooms - ✓ • Signage including tactile path, lights, display boards and signposts - ✓ • Assistive technology and facilities for persons with disabilities • (<i>Divyangjan</i>) accessible website, screen-reading software, • Mechanized equipment • Provision for enquiry and information: Human assistant, reader, • Scribe, soft copies of reading material, screen reading <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Geo-tagged photographs/videos of the facilities- view details

	<ul style="list-style-type: none"> Any other relevant information.
	Inclusion and Situatedness
7.1.8	<p>Describe the institutional efforts/initiatives in providing an inclusive environment, i.e., tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities (within 100-150 words)</p> <p>Jawaharlal Nehru Government Engineering College (JNGEC) in Himachal Pradesh has been committed to fostering an inclusive environment that celebrates and promotes tolerance and harmony among various cultural, regional, linguistic, communal, socio-economic, and other diversities. The college organizes events such as cultural festivals, technical fests, and awareness programs that highlight the state's rich cultural heritage, encouraging participation from students of all backgrounds. It ensures that students from diverse socio-economic backgrounds benefit from scholarships, financial aid, and support services. Additionally, JNGEC provides platforms for students to share and appreciate regional and linguistic diversity, enhancing mutual respect and understanding. The institution also conducts sensitization workshops and seminars, addressing communal issues and promoting social responsibility. By implementing policies for equal opportunities, fostering inclusivity in academic and extracurricular activities, and promoting unity, JNGEC contributes to creating a campus environment where all students feel respected and valued.</p> <p>Provide Web link to: (if any) or Attach as Annexure(s)</p> <ul style="list-style-type: none"> Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) are responsible for understanding and respecting the fundamental rights of citizens, such as freedom of speech, right to education, and the right to equality. In addition to these rights, they must also recognize their duties—such as the responsibility to protect the integrity of the nation, respect the rule of law, and contribute positively to society. view documents Any other relevant information.
	Human Values and Professional Ethics
7.1.9	<p>Sensitization of students and employees of the institution to the constitutional obligations: values, rights, duties and responsibilities of citizens</p> <p>The JNGEC actively promotes the values enshrined in the Constitution of India, aiming to nurture responsible and ethical citizens. Through various activities, students are encouraged to embrace the principles of justice, equality, and democracy. Regular workshops, seminars, and discussions are held on fundamental rights, duties, and constitutional provisions, helping students understand their role in society. The institution also organizes events like Independence Day and Republic Day celebrations, where students participate in flag hoisting, cultural programs, and discussions on national values.</p> <p>Community service initiatives such as blood donation camps, environmental awareness drives, and outreach programs instil a sense of responsibility and empathy toward society by NSS and RED CROSS. Moreover, NCC Cadets of JNGEC are responsible for</p>

	<p>understanding and respecting the fundamental rights of citizens, such as freedom of speech, right to education, and the right to equality. In addition to these rights, they must also recognize their duties—such as the responsibility to protect the integrity of the nation, respect the rule of law, and contribute positively to society.</p> <p>Provide Web Link to: (if any)</p> <ul style="list-style-type: none"> • Details of activities that inculcate values; necessary to render students into responsible citizens. • Any other relevant information.
7.1.1 0	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard</p> <p>(1) The code of Conduct is displayed on the website: ✓ (2) There is a committee to monitor adherence to the Code of Conduct: ✓ (3) Institution organizes professional ethics programmes for students, Teachers, administrators and other staff: ✓ (4) Annual awareness programmes on Code of Conduct are organized: no</p> <p>Attach as Annexure(s)</p> <ul style="list-style-type: none"> • Code of ethics • Appropriate information about the monitoring committee composition, number of programmes organized etc. in support of the claims. • Any other relevant information check here
7.1.1 1	<p>Institution celebrates/organizes National and International commemorative days, events and festivals</p> <p>Over the years, the institution has been actively involved in celebrating both national and international commemorative days, events, and festivals. The efforts included organizing 15 August, 26 January, NCC and NSS day by students and staff. On national days, the focus was on promoting awareness about historical events, with special lectures and exhibitions highlighting significant moments in the country's history. Internationally, the institution observed global events like environmental awareness days and yoga day, fostering inclusivity and learning about diverse traditions. The celebrations were designed by placing an office order by Worthy Director. These efforts reinforced the institution's commitment to holistic education and the celebration of diversity.</p> <p>Provide web link to (if any):</p> <ul style="list-style-type: none"> • Annual report of the celebrations and commemorative events for the last five days. • Geotagged photographs of some of the events. view pictures celebrations by NSS • Any other relevant information.

Key Indicator – 7.2 Best Practices

Item No.	Particulars
7.2.1	<p>Describe two best practices successfully implemented by the Institution</p> <p>Provide web link to (if any) or Attach as Annexure (s) - view details</p> <ul style="list-style-type: none">• Best practices in the Institutional website• Any other relevant information

Note:

Format for presentation of best practices

Practice:1

1. **Title of the Practice: NBA Accreditation Process/ Procedure (Outcome based education)**
2. **Objectives of the Practice:** The objective of NBA (National Board of Accreditation) accreditation for engineering programs is to ensure that the academic programs offered by institutions meet quality standards and align with the needs of students, industry, and society. NBA accreditation helps make the institution's programs internationally recognized, which enhances the employability of graduates and promotes collaboration with other universities or industries globally. All the graduate programmes of the institute are following all practices and procedures that are essential to get accreditation by NBA from 2018.
3. **The Context:** The four graduate programme of JNGEC i.e. Civil Engineering, Electronics and Communication Engineering, Mechanical Engineering and Textile Engineering has got accreditation for two years i.e. 2023-2024 and 2024-2025.
The faculty of all the programmes has followed the following processes to get accreditation. below is an overview:

1. Preparation for Accreditation

- **Self-Assessment and Analysis:** This includes analysing strengths, weaknesses, opportunities, and areas for improvement.
- **Documentation and Data Collection:** gather and document all relevant data and evidence related to the academic programs. This includes information on curriculum, teaching methods, research activities, student performance, facilities, faculty qualifications, etc.

2. Preparation of Self-Assessment Report (SAR)

- **Develop the Self-Assessment Report (SAR):** The college prepared a comprehensive Self-Assessment Report, which must detail how the program meets NBA's Accreditation Criteria. The SAR must cover:
 - Vision, mission, and goals of the program
 - Program-specific outcomes (PSOs)
 - Program Educational Objectives (PEOs)
 - Curriculum design and delivery
 - Teaching-learning processes
 - Facilities and infrastructure
 - Faculty qualifications and development
 - Student performance and placement records
 - Continuous improvement mechanisms
- **Review and Finalize SAR:** The SAR is reviewed internally before submission to NBA to ensure that all criteria are accurately addressed.

3. Submission of SAR and Application

- **Online Registration:** The institution needs to register on the NBA's official portal and submit an application for accreditation.
- **Submission of SAR:** Once the SAR is finalized, it is submitted to NBA along with the application fee.

4. Peer Review Team (PRT) Visit

- **PRT Formation:** NBA forms a Peer Review Team (PRT) comprising external experts (typically from academia and industry) who are relevant to the specific engineering discipline.
- **PRT Visit:** A site visit is scheduled where the PRT visits the institution to verify the claims made in the SAR and assess the program's strengths and areas for improvement.
- **On-site Evaluation:** During the visit, the PRT will:
 - Interact with faculty, students, and administrative staff
 - Inspect the facilities, laboratories, and infrastructure
 - Review academic practices, student assessments, and learning outcomes
 - Evaluate the alignment of the program with industry requirements

5. Final Evaluation and Feedback

- **PRT Report:** After the visit, the Peer Review Team submits its report to NBA, summarizing their findings, a, and recommendations based on the evaluation.
- **Institution Response:** The institution may be asked to provide a response or action plan to address any identified issues or gaps.

6. Accreditation Decision

- **NBA Review and Decision:** The NBA reviews the PRT's report, the institution's response, and the supporting documents. Based on the findings, NBA makes the final accreditation decision.
 - **Accreditation Granting:** If the program meets all the required standards, NBA grants accreditation for a specified period (usually 3-6 years).
 - **Conditional Accreditation or Non-Accreditation:** If there are significant issues or areas for improvement, NBA may grant conditional accreditation or deny accreditation until improvements are made.

7. Continuous Improvement and Follow-Up

- **Periodic Reviews:** After accreditation is granted, institutions are required to engage in regular self-assessments and follow-up reports to demonstrate continuous improvement in their programs.
- **Re-accreditation:** After the accreditation period expires, the institution must undergo the process again for re-accreditation, updating the SAR and ensuring that the program continues to meet NBA standards.

Currently the institute is working hard to get NBA after completion period i.e. June 2025.

Practice:2

Title of the Practice: Industry- academia networking and Social Responsibility

Objectives of the Practice: Facilitate connections and collaborations with academic institutions and industries, whereas social responsibility is aligned with broader societal goals, ensuring the skill professional should contribute to the welfare of the community through NSS, NCC, Unnat Bharat and Red Cross.

The Context: The various activities under industry academia interaction has been done by institute i.e.

MOUs with prominent institute IIT NITs and industries

Establishment of excellence centre by Ultratech and ACC

Conference, Seminar and expert lecture on latest trend and innovations

Internship, apprenticeship and Industrial visits.

Further Initiatives like **NCC, NSS, and Unnat Bharat Abhiyan**, engineering colleges play an essential role in shaping socially responsible engineers. These programs allow students to use their skills and knowledge for the betterment of society, promoting sustainable development, ethical responsibility, and community engagement. By participating in such programs, students not only contribute to social causes but also grow as leaders and responsible citizens.

The National Cadet Corps (NCC) at Jawaharlal Nehru Government Engineering College (JNGEC), Sundernagar, was established in July 2016 under the 2HP BN NCC Mandi. Initially sanctioned for 50 cadets, the unit has since expanded to accommodate 67 cadets, including 17 under the Border Area Vacancy scheme. NCC at JNGEC fosters discipline, leadership, and patriotism among students, preparing them for future challenges. Under the guidance of Lieutenant (Dr.) Ankush Sharma, the NCC officer, cadets undergo rigorous training in drills,

physical fitness, and social service activities. They participate in national/state-level camps, adventure programs, and awareness campaigns, contributing actively to community development. The unit instils values of selfless service and resilience, aligning with NCC's motto, "Unity and Discipline." With its growing strength, the NCC at JNGEC continues to inspire and shape young leaders, reinforcing their commitment to national service and personal excellence.

Development (MHRD) aiming to enrich rural India. Jawahar Lal Nehru Government Engineering College Sundernagar has been selected, registered as participating institution under Unnat Bharat Abhiyan on 13/11/2018 and we have adopted five surrounding villages. Unnat Bharat Abhiyaan is the flagship programme of the Ministry of Human Resource

1. Chamukha
2. Thalla
3. Derdu
4. Kapahi
5. Thathar

The various social activities are conducted by the students of JNGEC within these villages from time to time.

Some of the other practices implemented within institute are attached as annexure in KI 7.2.1

To build an effective audit format for assessing how well an institute supports job placement and leverages technology with both qualitative and quantitative metrics

Institute Job Placement & Employability Audit Form

Section 1: Basic Institute Information

- Name of Institute: Jawaharlal Nehru Government Engineering College
- Location: Sundernagar, Distt-Mandi (HP), 175018
- Accreditation & Affiliations: AICTE- [view latest](#) HPTU- [view latest](#)
- Contact Person: Sh. Anil Kanwar
- Designation: Training & Placement Officer
- Email: jngechp@yahoo.co.in
- Phone Number: +01907-267199

Section 2: Employment Training & Skill Development

1. **Does the institute provide technology-based employment training programs?** (Yes [✓] / No)
2. **If yes, what types of training are offered?** (Check all that apply)
 - AI-based skill assessments -
 - Online skill development courses [✓]
 - Virtual job-readiness programs [✓]
 - AI-driven resume-building tools -
 - Other (Please specify) -
3. **What percentage of students undergo employability training before graduation?** (Dropdown: 0-20%, 21-40%, 41-60%, 61-80%, 81-100% [✓])
4. **Does the institute use data analytics to track student skill development?** No

Section 3: Job Connection & Placement Support

5. **Does the institute use AI-based job matching platforms to connect students with employers?** No
6. **What methods does the institute use to connect students with job opportunities?** (Check all that apply)
 - AI-powered job recommendation systems -
 - Industry partnerships & tie-ups [✓]
 - On-campus placement drives [✓]
 - Internship facilitation [✓]
 - Alumni job referral networks [✓]
 - Other (Please specify) -
7. **Does the institute track students' job placement post-graduation?** (Yes [✓] / No)
8. **What is the percentage of students placed within six months of graduation?** (Dropdown: 0-20%, 21-40%, 41-60% [✓], 61-80%, 81-100%)

Section 4: Employability Insights & Career Guidance

9. **Does the institute provide AI-driven employability analytics to students?** - No
10. **What types of employability insights are shared with students?** (Check all that apply)
 - Career readiness scores [✓]

- Industry demand trends for skills [✓]
- Personalized job fitment analysis [✓]
- Salary benchmarking reports -
- Other (Please specify) -

11. Are career counselling and mentorship programs available? - No

12. If yes, how are they delivered? (Check all that apply)

- AI-based virtual career coaching
- One-on-one mentoring sessions
- Group career counseling
- Other (Please specify)

Section 5: Technology Integration & AI Utilization

13. Which of the following technologies does the institute use for job placement support? (Check all that apply)

- AI-driven job matching platforms -
- Chatbots for career guidance -
- Automated resume screening tools -
- AI-powered skill gap analysis -
- None of the above [✓]

14. Does the institute have a dedicated digital platform for job placement support? - No

15. Does the institute collaborate with external AI-based employment platforms? - No

16. What percentage of students actively use digital job placement tools provided by the institute? (Dropdown: 0-20%[✓], 21-40%, 41-60%, 61-80%, 81-100%)

Section 6: Challenges & Recommendations

17. What are the major challenges the institute faces in integrating technology for job placements? (Open-ended)

Major Challenges the Institute faces in integrating technology with job placement:-

1. Limited access to Technology for students.
2. Lack of Digital Literacy among Staff and Students.
3. Data Security concerns.
4. Compatibility issues with Employer Platforms.
5. Inadequate Training on Job Search Tools.
6. Resistance to change, and the need to adapt to rapidly evolving Technologies.
7. Limited Budget.

18. What additional support would help the institute improve its placement outcomes? (Open-ended)

Addition support that would help the institute to improve job placement:-

1. Practice of Communication Skills for Group Discussions and Interview will increase Confidence.
2. Mock interviews: Regular practice with the AI interviewer helps students become more comfortable with the interview format and reduce anxiety.
3. Practice for Aptitude and Technical Tests in Campus Placement.

Scoring System for Ranking Institutes

The scoring system will assign weighted points based on responses. Here's a breakdown:

Category	Total Points	Weightage (%)
Employment Training & Skill Development	20	20%
Job Connection & Placement Support	30	30%
Employability Insights & Career Guidance	20	20%
Technology Integration & AI Utilization	20	20%
Challenges & Recommendations (Open-ended - Not scored)	0	0%

Scoring Breakdown for Each Section:

- 1. Employment Training & Skill Development (20 Points)**
 - Provides AI-based skill assessments (5 Points) -
 - Offers virtual job-readiness programs (5 Points) [✓]
 - Uses analytics to track student skill growth (5 Points) -
 - Trains > 80% of students before graduation (5 Points) [✓]
- 2. Job Connection & Placement Support (30 Points)**
 - Uses AI-based job matching platforms (5 Points) -
 - Facilitates industry tie-ups (5 Points) [✓]
 - Has structured on-campus placement drives (5 Points) [✓]
 - Tracks student job placements (5 Points) [✓]
 - 60% students placed in 6 months (10 Points) -
- 3. Employability Insights & Career Guidance (20 Points)**
 - Provides career readiness scores (5 Points) [✓]
 - Gives industry demand trends for skills (5 Points) [✓]
 - Offers AI-driven personalized job fitment analysis (5 Points) -
 - Has career counseling and mentoring (5 Points) [✓]
- 4. Technology Integration & AI Utilization (20 Points)**
 - Uses AI-driven job matching, resume screening, or chatbots (5 Points) [✓]
 - Has a dedicated digital platform for placements (5 Points) -
 - Collaborates with external AI-based employment platforms (5 Points) -
 - 60% students actively use digital tools (5 Points) [✓]

Final Score Calculation & Ranking

- Institutes will receive a total score out of **100**.
- Rankings will be assigned as follows:
 - 90-100** → **Platinum Institute (Best-in-Class)**
 - 75-89** → **Gold Institute (Highly Effective)**
 - 60-74** → **Silver Institute (Moderate Support)**
 - Below 60** → **Basic Institute (Needs Improvement)**