



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>		<b>INDERPRASTHA ENGINEERING COLLEGE</b>
• Name of the Head of the institution	<b>Prof. (Dr.) Ajay Kumar</b>	
• Designation	<b>Director</b>	
• Does the institution function from its own campus?	<b>Yes</b>	
• Phone no./Alternate phone no.	<b>01204535057</b>	
• Mobile no	<b>9971664484</b>	
• Registered e-mail	<b>director@ipec.org.in</b>	
• Alternate e-mail	<b>naac.iqac@ipec.org.in</b>	
• Address	<b>63 Site IV, Sahibabad Industrial Area, Surya Nagar Flyover Road Sahibabad, Ghaziabad-U.P PIN Code-201010</b>	
• City/Town	<b>GHAZIABAD</b>	
• State/UT	<b>Uttar pradesh</b>	
• Pin Code	<b>201010</b>	
<b>2.Institutional status</b>		
• Affiliated /Constituent	<b>Affiliated</b>	
• Type of Institution	<b>Co-education</b>	
• Location	<b>Urban</b>	

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Dr. A.P.J. Abdul Kalam Technical University, Lucknow</b>				
• Name of the IQAC Coordinator	<b>Dr. Meenakshi Sharma</b>				
• Phone No.	<b>01204535054</b>				
• Alternate phone No.	<b>01204535057</b>				
• Mobile	<b>9891047435</b>				
• IQAC e-mail address	<b>naac.iqac@ipeccollege.org.in</b>				
• Alternate Email address	<b>meenakshi.sharma@ipeccollege.org.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.ipeccollege.org.in/wp-content/uploads/2021/07/AQAR-20-21.pdf">https://www.ipeccollege.org.in/wp-content/uploads/2021/07/AQAR-20-21.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.ipeccollege.org.in/wp-content/uploads/2021/05/Odd-Semester-2021-22-for-B.Tech-II.pdf">https://www.ipeccollege.org.in/wp-content/uploads/2021/05/Odd-Semester-2021-22-for-B.Tech-II.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B++</b>	<b>2.8</b>	<b>2019</b>	<b>01/04/2019</b>	<b>31/03/2024</b>
<b>6.Date of Establishment of IQAC</b>			<b>26/05/2017</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
<b>Department of ECE</b>	<b>AICTE-ISTE Refresher Programme</b>	<b>AICTE</b>	<b>7-2-2022 to 17-2-2022</b>	<b>81000</b>	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			<b>Yes</b>		

<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	<b>Rs. 30000</b>
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
1.External Periodic audit of ISO 9001:2015. 2. Conduction of workshops on NAAC and NBA awareness 3. Conduction of FDPs on emerging technologies 4. Starting of online Skill Development Courses. 5. Provision of honorarium to those faculty members who publish their paper in any journal listed in "Thomson's Science Citation Index" (SCI).	
<b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	
Plan of Action	Achievements/Outcomes
1.Conduction of FDP/Workshop on NAAC awareness.	1. A 3 days NAAC sponsored online workshop was conducted successfully from from 23rd June to 25th June 2022. .
2.To enhance the Institutional visibility on social media	2.The visibility of the institute has enhanced appreciably.
3.To conduct Hackathon	3. Hackathon was successfully conducted for all students

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>No</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Nil	Nil
<b>14. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
2023	18/01/2023
<b>15. Multidisciplinary / interdisciplinary</b>	
<p>In order to develop the all-round capacities of the students - intellectual, aesthetic, social, physical, emotional and moral in an integrated manner, the college is planning to set up short term courses. The aim is to make the students equipped, so that they don't need to rely on Government jobs but instead pave a way towards self-employment. The College is preparing itself to identify the programme learning outcomes along with courses and unit learning outcomes that define the specific knowledge, skills, attitudes and values that are to be acquired by the learner and would ensure that each programme achieves its goal.</p>	
<b>16. Academic bank of credits (ABC):</b>	
<p>Regarding the implementation of Academic Bank of Credits, the institution has to wait for the affiliating university to give a green signal. The pedagogical approach of the institution is student centric where the faculties' pedagogical approaches are constructivist, inquiry-based, reflective, collaborative and integrative. Summative and Formative assessments and assignments are used to evaluate the Student's learning outcome.</p>	
<b>17. Skill development:</b>	
<p>The vision of the institute is to promote Value-Based Quality Education, hence the it makes numerous efforts to inculcate positivity among the learners</p>	

a) The institute encourages faculty and non-teaching technicians to participate in skill development through FDPs / refresher course / workshop.

b) Workshop and hands on training for skill development is rendered to faculty members also

c) Students are being given training in latest technology through value added courses

d) Personality development program is an integral part of curriculum.

e) internship is made compulsory for all the students

#### **18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

Knowledge about India" will include knowledge from ancient India and modern India, and a clear sense of India's future aspirations with regard to education, health, environment, etc.

Events about awareness regarding culture, indian language etc are organized time to time.

The aim of the education should be to develop an understanding to respect diversity and cultural differences and developed through creating an ability to respect diverse cultural perspectives and institute is committed to encourage the multiculturalism through its array of courses.

The course aims at imparting basic principles of thought process, reasoning and inference to identify the roots and details of some of the contemporary issues faced by our nation and try to locate possible solutions to these challenges by digging deep into our past.

- To enable the students to understand the importance of our surroundings and encourage the students to contribute towards sustainable development.
- To sensitize students towards issues related to 'Indian' culture,

tradition and its composite character.

- To make students aware of holistic life styles of Yogic-science and wisdom capsules in Sanskrit literature that are important in modern society with rapid technological advancements and societal disruptions.
- To acquaint students with Indian Knowledge System, Indian perspective of modern scientific world-view and basic principles of Yoga and holistic health care system.

#### **19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

The institute also makes an effort to understand that a pursuit of knowledge is a life-long activity and to acquire positive attitude and other qualities which will lead students to a successful life. To interpret, analyze, evaluate and develop responsibility and effective citizenship is one of the programme outcome of the students. All course outcomes are kept in mind while setting of the internal assessment in accordance with cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contribute proactively to economic, environmental and social well-being of the nation. The Course Objectives (COs) are also aligned with the PO-PSO philosophy.

#### **20.Distance education/online education:**

Keeping in view the convenience of the student, the various technological tools used by the faculties especially during the pandemic lockdown are Google Classroom, Zoom, Google meet, using videos as teaching and learning aids, Group collaboration and interaction and assignment and revision as well as the assessments have been conducted. These are some of the institutional efforts towards blended learning.

### **Extended Profile**

#### **1.Programme**

1.1

07

Number of courses offered by the institution across all programs during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
<b>2.Student</b>		
2.1		<b>2437</b>
Number of students during the year		
<b>File Description</b>	<b>Documents</b>	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
2.2		<b>273</b>
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
2.3		<b>629</b>
Number of outgoing/ final year students during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
<b>3.Academic</b>		
3.1		<b>209</b>
Number of full time teachers during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
3.2		<b>173</b>
Number of sanctioned posts during the year		

File Description	Documents
Data Template	<a href="#">View File</a>

<b>4.Institution</b>	
4.1 Total number of Classrooms and Seminar halls	62
4.2 Total expenditure excluding salary during the year (INR in lakhs)	1171
4.3 Total number of computers on campus for academic purposes	956

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Through the following measures, the Institution has prepared a comprehensive action plan and is putting it into practice for effective curriculum implementation. Internal Assessment test schedules, university examination schedules, and institution level activities are all included in the academic calendar: 1. The Academic Committee of the institute prepares an Academic Calendar which is followed by an Academic Activity Calendar, in each semester in accordance with the university Academic Calendar. 2. Each member of the department's faculty selects a subject.

3. Faculty are assigned subjects based on their skill matrix, experience, area of specialization, and previous year's performance. 4. Prior to the start of the semester, the time-table in-charge of each department creates the timetable according to university requirement for the number of credit hours for each topic. After that, a specific timetable for each faculty is created. 5. The lecture plan and course file are produced ahead of time according to the defined criteria needed to collect execution details and identify gaps (if any). 6. The utilisation of modern teaching aids is emphasised in course delivery.

7. Student attendance is tracked on a regular basis using ERP

software. 8. For firstyear through the final year, the institution conducts three internal tests, the first two of which are 2 hours long and the third one is 3 hours long. 9. Weak students are identified based on their performance on sessional examination and remedial classes are held for them to enhance their performance. 10. The department keeps parents updated about their ward's performance

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At the beginning of each session, the university releases a uniform Academic Calendar for all courses. In accordance with the university academic calendar, the college develops its own academic calendar and strictly adheres to it. Moreover, it is uploaded on the college website. Adherence to the planned curriculum and other activities, is ensured in the following manner:- 1. Faculty prepares proper course files in accordance with prescribed academic calendar. 2. Time table is formulated and displayed .

3. Parents of students with attendance, <75% are informed. 4. Students' performance is evaluated on a regular basis by conducting three sessional tests per semester, with the best two being averaged. After completing 1/3rd, 2/3rd, and complete curriculum, the first, second, and third sessional tests are conducted. 5. The OBE format is used to create all question papers. 6. Course Coverage Report is reviewed. 7. Each semester, student feedback is collected and analyzed. 8. Assignments, micro projects, and quizzes are given and graded in addition to the assessments. 9. The students are shown their assessed answer books and given the chance to discuss any inconsistencies.

10. Attendance and sessional test results are entered into the college system for stakeholders to see. 11. Meeting of Academic committee is held every month to review all academic activities.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	No File Uploaded

## 1.2 - Academic Flexibility

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

7

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year**

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement**

**for year: (As per Data Template)**

30

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

46

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**1.3 - Curriculum Enrichment****1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

The AKTU curriculum has been adopted by the institution. The institute also raises awareness among students by hosting various events in which experts are invited to provide lectures on a variety of topics. Gender, environment education, human sustainability values, and professional environment etc. are all covered in the curriculum as part of the university syllabus, as well as through the organization of seminars, workshops, and discussion. 1. Both genders are provided equal opportunities in terms of admissions, jobs, training programmes, sports activities, and other activities, thus there are no gender concerns. In teaching staff, 60% of the faculty members are female. Girls and boys participate in a variety of co-curricular activities, including paper presentations, paper contest, group talks, and technical quizzes. Both boys and girls are invited to join a variety of organizations.

The institute has a Women's Grievance Cell that ensures gender equity.

. Students are also urged to participate in swachh Bharat initiatives such as treeplanting. Rainwater harvesting has been introduced in the institute, which has resulted in significant water savings. The college campus has a RO plant to meet the drinking water demands.. In the second year of B.Tech, university curriculum includes a course on "Universal Human Values and Professional Ethics." This course is designed to help students understand how 'VALUES' and 'SKILL' work together to create long-term happiness and prosperity, which are the primary objectives of all human beings. Parents and students are required to sign an anti-ragging pledge and they commit to making the campus ragging-free.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

18

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

1839

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

**B. Any 3 of the above**

File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	No File Uploaded

**1.4.2 - Feedback process of the Institution may be classified as follows**

**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	Nil

#### TEACHING-LEARNING AND EVALUATION

##### 2.1 - Student Enrollment and Profile

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**595**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

95

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

IPEC focuses on bringing out the best in every individual by taking into account the individual learning capabilities. Highly student centric approach is followed throughout. At first year level, the academic session marks with the beginning of a 3 week long Student Induction Program aiming to identify the strengths and weaknesses of the learners. SIP enables students to feel comfortable in their new environment, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature. It includes:- 1. Introductory sessions conducted by Director/Dean academics/HoD & faculty members (who are in-charges of various extra-curricular and professional activities taking place within college campus) 2. Talks by Eminent Speakers and Training and Placement officer. 3. Special classes for various proficiency modules like English, Physics, Mathematics and Programming Skills. 4. Creative and Literary Practices along with extracurricular activities. Identification of Slow/advanced Learners :- Performance of students is monitored via Mentor -Mentee programs 1. In the beginning, students are identified through their active participation in Induction Program, rank in UPSEE and marks obtained in 10+2 examination. 2. Performance in Internal Assessment i.e. Class Tests, Sessional Exam, Assignments, Lab & practical records,

Attendance, quiz Programs for SlowLearners - 1.Tutorials / remedial classes are conducted for these studentsto clarify doubts, re-explain the critical topics for an improvedperformance. Mentored and conselled properly. Programs for Advanced Learners - 1.They are given inputs onreference skills, research methodology and research design. They are intellectually stimulated with various advanced projects, challengingassignment and tasks for their advancement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
2416	209

File Description	Documents
Any additional information	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Learning at IPEC is a wholesome experience for the students. A studentcentric approach facilitating realization of full potential is our aim. To achieve this, team of dedicated faculty members and supporting staffleaves no stone unturned to implement innovative learning pedagogy withfocus on the following areas:- 1. Outcome based learning approach 2. Inculcate a culture of Research and innovation with focus on handslearning 3. Exposure to diverse learning platforms through NPTEL, Spoken Tutorialand Virtual Labs 4. Encourage students to excel in co-curricular activities. 5. Ensuring adequate industrial, R&D and academic exposure. 6. Participation in various zonal, regional and national technical eventsfor overall expansion of ideas. Experiential Learning:- 1. All the class rooms and labs are well equipped with ICT. 2. The Institution provides sufficient teaching aid like OHP/LCDprojectors, State-of-art, Language Lab, R&D Lab, Virtual Labs, Workshops and Seminar hals for effective curriculum delivery 3. Students are encouraged to build small projects and then integrate themto make complex ones. We have

also established E-yantra Lab to train the students on Robotics and Microcontroller programming. 4. Experiential learning through Field Trip, Industrial visits and internship. 5. Workshop and training on software/tools like STAAD-Pro, Geo-5, MXRoads, Primavera, WaterGems, Revit, MATLAB, CADANCE, MS Projects, Robotics, HADOOP and BIG DATA, Cloud Computing, IOT, ANDRIOD, MicroAzure etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Information Communication Technology (ICT) has transformed the teaching learning process to a great extent. To make the classes highly interactive and enabling learner centric approach, a mix of hybrid mode of teaching has been thoroughly inculcated in our system. The faculty members have integrated and equipped themselves with all devices and technological upgradation to achieve maximum learning amongst the students. The classrooms are well equipped with LCD projectors and systems along with excellent bandwidth connectivity to ensure smooth conduct of classes both in online as well as offline mode of lecture delivery. Use of ICT By Faculty- 1. PowerPoint presentations- 2. Industry Connect- Seminar and Conference room are digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students. 3. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS. 4. Video Conferencing- Students and Parents are counselled/informed with the help of Zoom / Google meet applications. 5. Video lecture- Recording of video lectures is made available to students for long term learning and future referencing. Online competitions- Various technical events and management events such as Poster making, Ad-mad show, Project presentations, Business quiz, Debates, paper presentations etc. are being organized with the help of various Information Communication Tools. 6. Workshops- Teachers use various ICT tools for conducting workshops latest methods such as Programming languages, simulations etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

96

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

209

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

79

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

209

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

### 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The process of Internal Assessment is followed as per the university guidelines. The process is transparent and is communicated to the stakeholders, students, faculty and parents by structured mechanisms. 1. The internal assessment of sessional test schedules are prepared and communicated to the students well in advance through college academic calendar. 2. The COE (at college level) conducts all the sessional tests as per schedule. 3. Attendance of students gets uploaded on college ERP on the same day. Parents can also check the attendance of their ward at any time. 4. Parents are informed telephonically and through speed post about the attendance and progress of their ward on monthly basis. 5. The pattern, quality and correctness of the question papers prepared by the subject in-charge for the sessional test are verified by the HoD. The internal documentation is maintained where the CO mapping to individual questions is mentioned in the question paper itself. 6. The evaluated answer scripts are shown to students for any discrepancy. 7. The marks obtained by the students in sessional test are displayed on the department notice board as well as on the student

portal. 8.. At the end of each semester, Director of the institute verifies the internal marks for all the students.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

All the grievances related to Internal & External examinations are addressed in a transparent, time bound & efficient manner as explained below: At institute Level: The performance of the students is informed the students immediately after the completion of assessment tests through displaying the marks on class room notice board and academic monitoring system. There is provision to display the evaluated answer booklet of class test and sessional test to the student and get it signed by the student. In case of any discrepancy the student can get it corrected with the concerned faculty member on spot. The students can approach the head of the department with their grievance, in case it is not sorted out by the faculty concerned. Even if the student is not satisfied with the decision he can approach to the controller of examination/Dean Academic/Director of the Institute for the resolution of the grievance.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The institution strives to become the most preferred destination for holistic education to meet the Industry demands. The vision and mission the institution emphasize the development of wholesome technocrats with discipline and integrity. Each department has its own vision and mission statements which are mapped to the vision of the institution. The vision and mission of the institution are given in the prospectus, information booklets issued, college website and displayed at the entrance of every department building. Effectiveness of teaching-learning process can be measured through learning

outcomes which in turn are measured through the achievement of Programme Outcomes (PO) and course outcomes (CO). Every department has well defined Programme Education Objectives (PEOs), The details of Program Outcomes, Program Specific Outcomes and Course Outcomes for all the programs are properly stated and displayed on institute website, class rooms, laboratories etc.. Awareness about POs/PSOs & COs is made to students by faculty at the beginning of the semester besides displaying them in the respective departments, and on the college website.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.ipec.org.in/wp-content/uploads/2021/06/COs.pdf">https://www.ipec.org.in/wp-content/uploads/2021/06/COs.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The program outcomes and Program Specific outcomes are assessed with the help of course outcomes of the relevant courses through direct attainment. Further the feedback from different stake holders are also taken to calculate the attainment of program outcome and program specific outcome. Following are the tools used in direct attainment process. Direct Assessment Tool Internal Assessment Test: The Internal Assessment marks of a theory paper are based on three tests generally conducted at the end 4, 8 and 12 weeks of each semester. It is a metric to continuously assess the attainment of course outcomes w.r.t course objectives. Average of the better marks obtained from any two tests shall be the Internal Assessment marks for the relevant subject. Lab Assignments: Lab Assignment is one the measuring criteria to mainly assess student's practical knowledge with their designing capabilities. In case of Practical, the marks are based on the laboratory records, quiz and attendance. Theory / Practical Semester Examination: Semester examination (theory or practical) are the metric to assess whether all the course outcomes are attained or not. Rubrics: Rubrics are basically the performance evaluation parameters which are used to find the gaps in the teaching learning process. Institute follows the methodology of proper gap analysis and fulfilling the gap in time through teaching learning process and various co-curricular activities. Based on the above mentioned tools attainment of course outcome is calculated first. After the calculation of the course outcome, attainment of

the program outcome is calculated based on the mapping of course outcome with the program outcome.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

586

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://www.ipeccollege.org.in/wp-content/uploads/2021/07/Student-Satisfaction-Survey-2021-22.pdf>

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

##### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded

### 3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

#### 3.1.2.1 - Number of teachers recognized as research guides

3

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

### 3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

#### 3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

## 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The various initiatives are:

#### Entrepreneurship Development Cell:

This cell is a Business Incubator Cell for various research proposals and innovative ideas supported by MSME, Govt. of India ,a Govt. of India sponsored organization promoting skill development course. Institute has created many systems for knowledge transfer.

#### MOUs

MOUs are signed between Institute /related industries. MOUs are signed to discuss Ideal expectations, desired outcomes The purpose of MoU is to have mutual intentions to jointly work on projects required for industries and research needs, with learned faculty of good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified as Industrial Visits, In-plant Training & special Technical Training to make the students industry-ready.

#### Value Added Courses

Value-added courses are offered to make students better prepared to meet industry demands as well as develop their interests and aptitudes. Value added courses are provided by institute to enhance all areas of relevance in a student's UG course. Value-added courses help the students to gain exposure to the latest technological developments, to provide an opportunity to develop inter-disciplinary skills and to equip them with skills which shape a global citizen's profile.

AI/ML lab has been established (Under the AICTE Modernization and removal Obsolescence (MODROBS) Scheme

#### Students Chapters

Professional Societies and clubs:

Distinguished lectures & Industry visits .

Workshops & Intractive sessions

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

42

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

4

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

##### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

27

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

20

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institute promotes regular engagement of faculty, students and staff with neighborhood community for their holistic development and sustaine community development through various activities. Every Year, programmes are organized under which students and staff participate voluntarily in community based activities with neighborhood. Various awareness programs, workshops, rallies and road shows with themes like cleanliness, green environment & tree plantation, and empowerment of girls and women are organized. Many activities are performed under the following schemes:

1. OPEN MIC GRAVITAS: An open mic competition on the theme Child Labour Essence of life is performed by a society under value education cell. Observance of world day against Child Labour is also celebrated.
2. Outreach and extension activities for rural women: Group discussion Awareness on population growth are organized.
3. Outreach and extension activities for rural women: Just a minute on Parada system etc are conducted.

**4. Outreach and extension activities for rural women:**

Brainstorming to educate about Indian Ethos & culture -Girl education on eve of teacher's day, under the scheme Government initiative scheme through AKTU

**Impact & Sensitization:**

1. Exposure to extension and outreach activities sensitize the students towards social issues and also to legal and social remedies for matters like population growth, Child Labour, Pardha system, Girl education etc

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year****3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

2

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**3.4.3 - Number 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 organized in collaboration with industry, community and NGOs ) during the year****3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

9

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

#### 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

9

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

1

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

#### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year****14**

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

**INFRASTRUCTURE AND LEARNING RESOURCES****4.1 - Physical Facilities**

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Each Institution offering Technical Programme shall submit an application to the Council (AICTE), every year for Extension of Approval of Courses offered by the Institution. The availability of adequate Infrastructural facilities as per the Norms of AICTE Approval Process Handbook 2020-21.

The institute has all the required infrastructure and physical facilities in terms of classrooms, tutorial rooms, Laboratories, Computer Centers, Central and Department Libraries, Reading rooms, Training and Placement Cell,

Apart from above, we have Institute Innovation & Entrepreneurship Cell (IIEC) to foster the growth of innovation and entrepreneurship amongst the faculty and students 3 standby power generators of 320 KVA, 250 KVA, 125KVA and One Solar power plant of 100KVA to take care of the power shut-down. 2 state-of-art Auditoriums for conducting Workshop/Seminar/Conferences Playground for Cricket, Volley Ball, Football, Basket Ball etc. 3 Boys and 3 Girls Hostel. Solar water Heating System, GYM, RO Plant, Fire Extinguisher etc.

The institute has more than required computing facilities

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

**Sports and Games** The college campus has a sports arena in which there are three badminton courts and Table Tennis courts, Billiards, which is used as per the slots provided to the students. A small hall of about 6.09 x 4.62 sq.m. is meant for the students who want to play chess and carom. Institute has a cemented basketball court of area 28x15 sq.m. It is utilized for practice sessions as well team matches. Institute also has an open volleyball court. which is utilized by the students Gymnasium Institute has a well organized gymnasium for both boys and girls.. Yoga Center Institute has a Yoga Center for students and its Employees. Daily yoga exercise takes place under the guidance of instructor to sharpen the intellect & improve concentration. Every year June 21st, international yoga day is celebrated to create awareness. Cultural The institute has ample and well maintained auditoriums/open theatre and seminar halls for organizing various indoor and outdoor cultural activities on regular basis. Besides this, the institute has 6 Seminar halls which are also utilized for conducting various events. The institute has an active Student Activity Cell (E-SAC) wherein the students are provided with a platform to participate in various Cultural, Arts & Literary activities at intracollegiate level. For regular meetings and practice, there is a well maintained dedicated room allocated for this purpose. Every year, Inderprastha Engineering college has a vibrant celebration of UDBHAV (The inter college tech & cultural fest).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

62

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://drive.google.com/drive/folders/1bCURSrezZjfmF-vqtRVbccXRRa1NDfIS?usp=sharing">https://drive.google.com/drive/folders/1bCURSrezZjfmF-vqtRVbccXRRa1NDfIS?usp=sharing</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

210.03

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

##### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Inderprastha Engineering College (IPEC) Library is automated with ERP by IPECSOFT Software, Version 15.2.1, It is In-house developed Software working effectively since 2009. IPECSOFT, an integrated Library Automation Management Software materializes the need of Library and Library Users. The Important features of different Modules of IPECSOFT Software are as below: 1. Acquisition Control 2. OPAC (Online Public Access Catalogue): 3. Circulation Management: 4. Membership Management: 5. Library Reports and Statistics :

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**99.77**

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

**4.2.4.1 - Number of teachers and students using library per day over last one year**

**70**

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Institution has adequate and latest IT infrastructure including RackMounted Database server, Application server and File Server behind the Firewall with Gateway level Antivirus and user authentication. There are more than 1000 Desktop computers most of which are configured with i3 and i5 series CPU. Application level and User Access Control manage with Firewall. IDS and traffic monitoring on different ethernet port is executed by Firewall. Internet backbone is fiber optic with 400 Mbps & 20 Mbps backup leased line. All the internal buildings are also having Fiber Optic Connectivity. Connectivity is extended in Labs and offices through CAT6 Cable and Gigabyte Switches. Controlled Wi-Fi access with user level and application level control is provided where Students, Faculty & Staff members can access internet freely through their mobile phone, tablet or laptop. Moreover, Faculty & Staff is also provided with individual system (Desktop) with internet facility.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

956

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

##### 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

2206

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The comprehensive infrastructure of the College is constituted by elementary features like buildings, classrooms and playgrounds, and advanced attributes like ICT-enabled classrooms and laboratory facilities. The Institute has Civil Engineer/Administration Department that oversees maintenance of buildings, classrooms, library, sports complex and laboratories etc. The Civil Engineer/Administrative officer is headed by the Director who in turn monitors their work at the next level. They conduct periodic checks to ensure the efficiency / working condition of the infrastructure. They also look after the regular maintenance of civil works such as furniture repairs, masonry and plaster works, painting, carpentry, plumbing and house-keeping. The quality of drinking water is tested time-to-time. The fire extinguishers are refilled timely. Overhead water tanks are cleaned periodically. Adequate House-Keeping staff is employed to meticulously maintain hygiene, cleanliness of infrastructure in the campus. The software updates and ICT

toolinternet related problems are resolved from the respective serviceproviders. Proper inspection is done and verification of stock takes placeat the end of every year. As per requirement of the maintenance of theequipments, the local hardware technician/service provider is called. Theinstitute has a library chairman. The chairman follows up with the libraryand regularly monitors the library to ensure and maintain all text books, reference books, articles, competitive examination books, magazines,journals, e-magazines, e-books and e-journals

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

213

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

71

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>
<b>5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills</b>	<b>B. 3 of the above</b>
File Description	Documents
Link to Institutional website	<b>Nil</b>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>
<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
<b>3660</b>	
<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
<b>3660</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student</b>	<b>A. All of the above</b>

**grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

510

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

**5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)**

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

3

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

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

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

2

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

Institute strongly believes in the philosophy of participative management. Students and faculty members are given representation in the committee where their representation is required. Students are empowered to play active role as a coordinator of students associations, co-curricular and extracurricular activities. Each department has its own technical student council/forum viz. Gtronix (ECE Forum), Genesis (CSE Forum), Trinity (IT Forum), Srijan (CE Forum) and Mechanics (Mechanical Forum). These councils are responsible for conduction of various co-curricular and extracurricular activities throughout the year in their respective departments. These councils run under the leadership of the student incharge with a faculty mentor. These forums organize various events on regular basis such as: Invited talks from industry personnel, project exhibitions and competitions, Alumni talks, Hackathon etc. There also exists a student council at institute level viz. E-SAC (Expressions - Student Activity Cell) wherein students of all streams play a pivotal role in managing activities related to literary (Medha), Cultural (Nivedha), Technical (Vividha) and Sports (Spardha). Every year, fresh student organizing teams are forwarded from each department. Following are the committees where students have been given representation: Class committee Cultural Activities Committee Literary Committee Technical Committee Mess Committee Discipline Committee Sports Committee Alumni Committee.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

4

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

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

The involvement of alumni in supporting and providing contributions voluntarily to the institute is important for maintaining and expanding institute's development. By establishing channels that facilitate close ties between the alumni, students and institute, it provides crucial benefits in enriching the student's experience while being at the institute. Every alumni has experienced being a student to becoming a unique and different graduate, hence there is potential for all alumni to contribute to the institute in different ways and scale and they are doing their job very well for the institute. 1. Role model and inspiration: 2. Career mentor: 3. Distinguished Lecture Series: It is an academic activity that is created and organized by IPEC with the generous support and cooperation in the form of our alumni members & other well wishers. Under these lectures, the respective department organizes

one or twolectures every year by inviting distinguished personnel in theconcerned area. 4. Student'sactivities & development: Alumni Portal is used to supportthe Students placement activities, initiatives undertaken under the experienced alumni, creation of references towards institute. 5. Community Outreach Activities

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The Vision & Mission of the institute are prepared taking intoconsideration the views of all the stakeholders namely management, faculty students, parents, alumni, and industry persons. The Institute stronglybelieves in transparency, participative leadership and delegation of powerat various levels. The vision of IPEC is as follows: "National leadershipin Human Resource Development, Excellence in Education and impactingSociety through Globally Competent Technologies". The Institute achievesits vision through the following mission statements: Be the most preferred choice of Student, Faculty and Industry. Be a National Level Technical Institution fostering Teaching, Resea Extension Education, Innovation, Leadership and EntrepreneurshipSpirit. The Governing Council of the institute is constituted as per the guidelinesof AICTE. It consists of members from Management, Academic Institutions,Industry, Statutory bodies and representatives from faculty with Directoras member secretary. All the academic & administrative issues like budgetrecruitment, purchases, admissions, promotions, conferences, variationintake etc., are discussed, approved and implemented by the governingcouncil. Through participative management , the faculty isinvolved in variousdecision

making bodies of the institute. . The institute follows very effective,transparent and participative governance for effective growth of Institute.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The institute functions with decentralized administration that has complete transparency in the decision making process. The Governing council has delegated powers to the Director to conduct the Academics, institutional development, curricular and extra-curricular activities. The Director in turn has delegated certain powers to the HODs and office staff. The council of HODs with director as its chairman meets everyday to discuss academic & administrative issues and to take appropriate decisions from time to time. The Director, & HODs are delegated adequate powers for smooth functioning of the Institute. The council of HODs has constituted many committees to decentralize the activities for the smooth functioning of the Institute.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Activity successfully implemented based on the strategic plan Medium term goal (2019-22) (NBA Accreditation) Institute always believes to provide quality education to its students and tries its level best to produce socially responsible and innovative engineering graduates for the nation. For an engineering institute it is important that its quality of education should be certified by any external agency due to following advantages: Institution builds up a Brand. Students and parents select the institutions and programs for admission on the basis of accreditation. Students get quality education and better

employment opportunity. Employers in deciding about the institutions for recruitment of graduates. Institutions to avail the benefits from regulatory bodies and funding agencies. Graduation from an accredited program is an Educational Passport for engineer's mobility across good number of advanced nations. Graduates may get leadership positions and challenging technology development opportunities. Keeping in view the above mentioned advantages institute always tries to fulfill norms and standards for accreditation. The quality of education is such that our institute has been accredited two times earlier by the National board of accreditation. As per the strategic plan of the institute, the Medium term goal (2019-22) is to get NBA accreditation of all eligible programs NAAC accreditation of the Institute for quality enhancement. Accreditation as per current norms is based on the outcome based education, so the institute adopted OBE model of education and implemented it. Under OBE model of the education, the outcomes are measured at each and every step and the gaps are filled immediately.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.ipec.org.in/letter/nba-21.pdf">https://www.ipec.org.in/letter/nba-21.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

There are different bodies that give academic and administrative lead to the institution. An optimum level of decentralization through the autonomous departmental system and participative decision making process are in practice. For proper implementation of the policies framed by the governing council and to fulfill the statutory requirements there are following major bodies/committees/cell in the institute

**Committees**

**Role/Responsibilities of Governing Council:** (This is the supreme body of the institute)

1. Framing/Approval of Rules and Regulations and Policies
2. Approval of Appointments
3. Approval of allocations of bud
4. Planning for continuous growth of the Institute
5. Academic Review

**Academic Committee:** (This committee is constituted for the academic monitoring of the institute)

1. Frame Academic Calendar
2. Conduct of Sessional and AKTU Examinations
3. Analysis of Examination results and strategy for better performance in future Examinations.
4. Students Feedback and Analysis
5. Analysis of

Attainments of PEOs and POs of Academic Departments 6. Organizing Conference, workshops, STC, FDP, Appraisals of Faculty & Staff, etc. The institution strictly follows the service rules according to the AICTE and AKTU norms. The teaching and non-teaching faculty have the benefits of EPF/GIS/Gratuity and Casual/Earned/Medical/Maternity/Compensatory Leaves. Recruitment takes place according to the norms of the AICTE & University.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="https://www.ipeec.org.in/about/organizational-chart/">https://www.ipeec.org.in/about/organizational-chart/</a>
Upload any additional information	<a href="#">View File</a>

### 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

Institutes provide the following welfare measures to their employees:- 1. Study Leave 2. Psychological Counseling 3. Sports Room & Facilities 4. Employee Assistance Program such as FDP/STC/Workshop: 5. Medical Facilities 6. Employees' Engagement Activities 7. Uniforms Facilities: All class four personnel are provided one set of winter and summer uniforms once in a year. 8. Yoga Classe 9. Employee State Insurance Scheme 10. Employees' Provident Fund

**Scheme: Employees' provident fund scheme** applicable to the institute employees under the employees' Provident Fund & Miscellaneous Provision act 1952 in order to assist the employees after retirement and have benefits to sustain their life in old age. 11. Maternity Leave 12. Accidental Insurance Scheme 13. Internal Complaint Committee 14. Fixed Holiday: Employees are provided 1st and 3rd Saturday as fixed holidays apart from Gazetted and restricted holidays declared by government of Uttar Pradesh.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### **6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

#### **6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

### **6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

#### **6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

13

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

#### 6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

61

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Performance Appraisal system is one of the essential drive for providing quality education. The Institute strictly follows all the basic recruitment and promotional policies as stipulated by AICTE, AKTU as well as Government of Uttar Pradesh. A well-defined faculty and non-teaching staff appraisal system is adopted in the institute. The faculty appraisal contains the following salient

features to capture all the aspects of academic performance. 1. End Semester results 2. Feedback from the students 3. Research publications by the faculty 4. Consultancy done by the faculty member 5. Book published by the faculty member 6. FDP/Workshop conducted/attended 7. Grant received from funding agencies 8. Conference, Seminar, workshop attended 9. Contribution at department & institute level 10. HODs/Director report covering Professionalism For non teaching staff, performance is continuously monitored and their appraisal is done judiciously by their department heads.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise, an external audit is also carried out in an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors pointed out by the audit team are immediately rectified and precautionary steps are taken to avoid recurrence of such errors in future. The institute regularly follows Internal & external financial audit system. The Institute has maintained the highest level of transparency in all financial transactions. It may be seen from the audited reports that all the financial transactions are carried out as per the standard norms. T

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

**Mobilisation:** IPEC is a self-financed institution, where the funds are generated through the fees paid by the students. Deficit is managed by taking advance from the parent trust/bank. Additional funding is obtained by faculty members from funding agencies like AICTE, DST, AKTU, MSME, through Research proposals. These funds are utilized for the research and laboratory development. Utilisation of Resources The institute has a well defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic process and infrastructure. The master key for taking the financial decision and related matters are Governing Council who constantly monitor and encourage for proper utilization of allocated funds as per need. The funds are allocated to each department during the preparation of yearly budget. Institutional budget is prepared by Director every year taking into consideration of recurring and non-recurring expenditures. Accordingly, all the administrative and academic heads are requested to submit the budget required for the subsequent financial year. Along with this, all coordinators of different cells are instructed to submit their budget to Director. All the major financial decisions

are taken by the Governing Council of the institute. the major financial transactions are analyzed and verified by the governing council under different heads like: Infrastructure Built-Up Library Laboratory Equipment Laboratory Consumables Teaching and Non-Teaching Salary Maintenance and Spares Research & Development Training and Travel Miscellaneous Expenditures.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC Cell of the institute works towards improving and maintaining the quality of education, identifying and suggesting new ways of using teaching aids, developing suitable infrastructure and offering suggestions for the new courses. IQAC is an effective and efficient internal coordinating and monitoring mechanism. The IQAC plays a vital role in maintaining and enhancing the quality of the institution and suggests quality enhancement measures to be adopted. The IQAC meets every quarterly to plan, direct, implement and evaluate the teaching, research, and publication activities in the Institute. The sub-committees dealing with various activities and departments implement the IQAC guidelines and report the feedback. The IQAC strives to spread quality culture through quality enhancement initiatives and best practices. Significant improvements in quality have been made by institutionalizing the following IQAC initiatives: Strategic planning of key areas and assigning responsibilities - 1. Academic results 2. Student technical training 3. Student soft skill development 4. Placement support 5. Faculty development programs 6. Research and development 7. Interaction with industry 8. NBA accreditation 9. Value added Courses Monitoring and mentoring of academic and administrative activities. Academic inspections are carried out periodically to assess the quality of academics. The inspections involve: 1. Review of healthy academic practices 2. Mechanism to identify and reform academic practices 3. Review of departmental facilities 4. Facilitate implementation of innovative methods in the departments 5. Self-development of faculty members

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The IQAC of the institute has been consistently working towards quality education and inculcating quality culture among the faculty, students and staff. The IQAC has also contributed towards institutionalizing the quality assurance strategies and developed various processes as follows: 1. Promote industrial involvement in academic practices by organizing industrial training, industrial visits, workshops and guest lecturers from industry experts, MOUs, etc. 2. Implementation of Outcome-based learning education in each program. 3. Introduced the aptitude classes and soft skill classes for students to enhance personality and employability. 4. Participation of college in NIRF, ARIIA, NBA, AIS and various other quality audits recognized by the state, national and international agencies. 5. Establishment of Institute Innovation Council (IIC) under MHRD. 6. Enhancement of Research and Development activities 7. Conducting quality programs i.e., seminars, webinars, guest lectures, conferences, etc. 8. Establishment of various processes to take feedback/surveys from various stakeholders. 9. To implement and enhance use of ICT tools to strengthen the teaching-learning process. 10. Establishment of the Mentor-mentee process and its effective implementation. 11. To submit the Annual Quality Assurance Report (AQAR) annually to the NAAC. Overall an incremental improvement in different activities has been prominently noticed.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for**

**B. Any 3 of the above**

**improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.ipeec.org.in/wp-content/uploads/2021/07/1st-MOM-IQAC-2021.pdf">https://www.ipeec.org.in/wp-content/uploads/2021/07/1st-MOM-IQAC-2021.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

1. An induction program of almost two weeks started during the session 2021-22 to raise awareness amongst the students towards the Gender Sensitization. 2. Internal Complaint Committee (ICC) has been constituted in IPEC under "The Sexual Harassment of Women at Workplace (prevention, prohibition and redressal) act, 2013". Chairperson ICC interacts with the students about working of ICC in detail. Moreover, sanitary napkin vending machine at Girls hostel and academic block washrooms is provided. 3. Safety and Security: The Institute keeps safety and security as an absolute priority. Institute has taken many steps for ensuring safety such as having separate lady guards at various locations. Female hostel warden is also available 24\*7 for any assistance. 4. The premises has CCTV surveillance. This assists in monitoring all activities taking place within the campus. 5. Anti-ragging committee, College Internal Complaint Committee and Anti-sexual harassment committee are constituted with effective functioning. 6. Counseling: IPEC has appointed a female psychologist Dr. Vidhi Gupta. Students can visit her to share their personal problems and seek redressal for the same. 7. Common Room: Common rooms are available, in each girl's hostel for female occupants to play/gather/watch TV or hold discussions.

File Description	Documents
Annual gender sensitization action plan	<a href="#">Nil</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">Nil</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**C. Any 2 of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management**

**Solid Waste Management:** Inderprastha Engineering college, keeps a close watch on all maintenance activities taking place inside the campus, through its Admin team whose responsibility is not to let any kind of waste being dumped inside the premises, and to tie-up with various vendors who are called on regular basis to sell/auction the scrap & all waste from the labs, stores and few other departments. Scrap vendor comes and collects all stuff after negotiating the price. All old books, news papers and other study material available in the stock, are given to the special vendors for the recycling of paper waste. Entire Garbage is swept to the main dustbin provided outside the college campus by the Nagar Nigam, and from there they collect the same and dump it away from the city.

**Liquid waste Management:**

Institute has an operational Sewage Treatment Plant in college premises. This treats off all liquid waste inside the campus for further recycling. The water that gets out from this STP is used for various non drinking purposes such as watering plants and

cleaning purpose in the campus. **E-Waste Management:** E-Waste is also managed by our existing vendors. Any kind of such E-waste in the form of non-working condition such as desktops, monitors, and other equipments etc are given as a scrap and later after due evaluation either they go to the second hand market in case they are repairable, or else are simply disposed off.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	No File Uploaded

### 7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following**  
**1.Green audit 2. Energy audit**  
**3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

E. None of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment 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 (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

To build a nation of youth who are noble in their attitude and morally responsible, the college organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. The faculty, staff and students of the institute jointly celebrate the cultural and regional festivals, like Engineer's day, teacher's day, orientation and farewell program, Induction program, oath, plantation, Women's day, Yoga day. Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration. Moreover, many strong infrastructures for a variety of sports activities for the physical development of the students is well in place. In this way the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

- A 3 week Staff development program by Value Education Cell was organized for faculty and staff members of 1st year. All the participants enthusiastically participated in the discussion in every session. Sessions were facilitated by Prof NK Sharma and Dr Sunita Goyal (AS & Hu) and Dr. Vanchana Singh along with other faculty coordinators.

Likewise an induction programme was conducted for students of B Tech 1st year from 18/11/21-3/12/21 for sensitizing them towards values, rights, duties and responsibilities of citizens. All the students reciprocated very well to the contents induced.

The students shared their feedback in terms of proposals to which they could verify for their understanding in the self and society at large.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

**B. Any 3 of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

#### 7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

IPEC wholeheartedly celebrates festivals and occasions like Independence day, Sir M. Vishveshvaraya's birthday on 15th September as Engineer's day, Teacher's day every year. Diwali and Holi celebration etc. 73rd Republic Day Celebration Inderprastha Engineering College Ghaziabad celebrated 26th January, 2022 to remember the day when the Constitution of India came into effect. The 73rd Republic Day was celebrated with great enthusiasm to mark the day India became a sovereign republic. The dignitaries present in the function were Sh. Rakesh Goel ji. Treasurer, Shail Garg Shiksha Sansthan and Dr. Ajay Kumar, Director, IPEC. The ceremony started with the flag hoisting by the dignitaries followed by the National Anthem. Sh. Rakesh Goel ji. addressed the audience which was further followed by a memorable Cultural programme. The students mesmerised everyone with their vibrant performance. A NUKKAD NATAK was presented by the students which showcased the sacrifices given by our Freedom Fighters to provide us with the free environment we are living in. The performance was highly applauded by the audience present. The programme concluded with the Vote of thanks delivered by Student Welfare Coordinator, Dr.. Meenakshi Sharma.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	<a href="#">View File</a>

#### 7.2 - Best Practices

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

**Best Practice No: 1 Title of the Practice: Segregation of Students on the basis of their ability of Learning.** Objective of the practice: To help all students to improve their overall academic performance. By exclusively working on slow learners to improve the overall pass percentage By specially focusing on high achievers to upgrade their performance with a target of securing position in AKTU merit.

**Context: Evidence of Success :** Continuously Improving Result After implementation of this practice (from 2018-19 onwards) significant improvement is there in students' results.

**Best Practice No: 2 Title of the practice: Employability Enhancement Program** Objectives of the practice: The graduates are inculcated with professional and ethical attitude, effective communication proficiency, teamwork skill and multidisciplinary talents. The graduates are equipped with strong knowledge and soft skills that allow them to contribute to needs of industry, consultancy, government and academics. The Practice: Employability Enhancement Program is run under supervision of Training & Placement cell of the institute. Training & Placement (T&P) Cell provides excellent career guidance and placement opportunity to students. The mission of the T&P is to help students clarify their educational & career goals, acquire employment-seeking skills and ultimately attain desired employment. **EVIDENCE OF SUCCESS** Placement percentage, average salary package and highest salary increased appreciably

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The distinctive performance of the Institute which is aligned with its vision is the academic excellence by dint of teaching-learning process. The Institute would like to see itself as a leading one in engineering education and Human Resource Development as enumerated in the Vision statement. The salient features about teaching-learning process, have been kept as pioneer and thrust area. The academic and placement process are complemented with a diverse array of opportunities provided to the students in enhancing their

knowledge beyond academics. Various conferences, guest lectures, workshops, summits, celebrity chats are organized throughout the year to expose them to the outside world work ethics and all the recent developments and innovations. Students are encouraged to develop projects that can get funding from different funding agencies .

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Efforts for NIRF Ranking
2. To enhance overall result of the Institution
3. Strengthen ICT based teaching learning process for further quality enhancement
4. Efforts for skill development and innovative thinking
5. Industry collaborated projects ,will be focused upon
6. Student support & career guidance will be enhanced
7. Innovative entrepreneurship and campus start-ups will be enhanced
8. To enhance the Research and Development activity (publications, consultancy, patents etc.)