YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	IPS Academy, Institute of Engineering and Science
• Name of the Head of the institution	Dr. Archana Keerti Chowdhary
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	07314014601
• Alternate phone No.	07314014618
• Mobile No. (Principal)	9424000460
• Registered e-mail ID (Principal)	director.ies@ipsacademy.org
• Address	Knowledge Village, Rajendra Nagar, A.B. Road
• City/Town	Indore
• State/UT	Madhya Pradesh
• Pin Code	452012
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	31/08/2020
• Type of Institution	Co-education
• Location	Rural

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. A. G. Kothari**
• Phone No.	**07314014639**
• Mobile No:	**9822360887**
• IQAC e-mail ID	**iqac.ies@ipsacademy.org**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://ies.ipsacademy.org/naac2020-21/
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://ies.ipsacademy.org/academics/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.62**	**2021**	**28/12/2021**	**27/12/2026**

6.Date of Establishment of IQAC	**01/07/2019**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Nil	**Nil**	**Nil**	**01/07/2022**	**Nil**

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File	

9.No. of IQAC meetings held during the year	**4**
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken	**Yes**

uploaded on the institutional website?		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any funding agency to support its activities during the year?	**No**	
• If yes, mention the amount		

11.Significant contributions made by IQAC during the current year (maximum five bullets)

• **Internal & External AAA Audit was conducted on 20-21 September 2022 & 26-27 December 2022 respectively.**

• **Signed Functional MoUs with industry/institutions**

• **Patents / Copyright Applied**

• **Implementation of Relative Grading for awarding Grades**

• **NBA Compliance of 02 UG Program (FT & SE, ME)**

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
NBA Compliance	In order to consider further accreditation of the 02 UG programs (FT & SE, ME), it is recommended to submit the Compliance Report of each program considering current academic Year as 2021-2022
Internal AAA Audit	Internal AAA Audit was conducted on 20-21 September 2022.
External AAA Audit	External AAA Audit was conducted on 26-27 December 2022. The Expert was Dr. B.B. Ahuja- Former Director, College of Engineering, Pune & Dr. L. M. Gupta - Prof & Head Applied Mechanics, VNIT, Nagpur
Implementation of Relative Grading for awarding Grades	Procedure for the Assessment of student performance in examination through Relative Grading
Functional MoUs with industry /institutions	07 Functional MoUs signed with industry /institutions
Patents and Copyright	05 Patents / Copyright Approved
Professional development administrative training programs organized by the institution	26 programs was organized by the institution for teaching and non-teaching staff
Initiatives taken to engage with and contribute to local community	Various Rural Outreach activities was organized by institution
Wellness workshop for UG students	04 workshops was organized by the institution for the UG students from 7 March 2022 to 18 May 2022

13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
IQAC	11/06/2022

14.Was the institutional data submitted to AISHE ?

Yes

- Year

Year	Date of Submission
2021-2022	17/02/2023

15.Multidisciplinary / interdisciplinary

The institution intends to offer the essential and foundational courses needed to create the groundwork for pursuing any discipline of engineering. These courses will cover the material in-depth enough to enable practically any engineering discipline's real-world applications. Students will have the option to select courses from a variety of disciplines. However, a learner cannot receive a UG or PG degree in the relevant discipline without completing some required core and foundational courses.

To accommodate the level of students from other disciplines who are keen to sample different fields, many interdisciplinary courses have been established. To achieve this, a set of electives referred to as Open electives was developed. According to the AICTE Model Curriculum and NEP, value-added courses are available that address topics not covered in the disciplines' recommended curricula but add value by introducing students to ideas like entrepreneurship, design thinking, etc. to help them become better professionals. In addition, many multidisciplinary courses are offered that develop managerial abilities, such as Principles of Management and Managerial Economics, Soft Skill & Interpersonal Communication, etc., related to handling finances, language and soft skill instruction, and making students good at interpersonal and professional communication. In addition, each student shall have to complete the requirements of Mandatory Learning Course (MLC), such as, Professional Laws, Ethics, Values and Harmony, Constitution of India, Environmental Studies and Intellectual Property Rights, etc.

16.Academic bank of credits (ABC):

Institute aim to enroll Academic Bank of Credits system after implementation of NEP at the institute. We are in the process of

discussion with the other esteemed institutes like CoE Pune, IIT Indore, and IET DAVV etc.

At the beginning of the first semester of the UG Programme in the IPS Academy, Institute of Engineering & Science, every student shall be required to register his/her profile on the Institute Campus Active portal and every student shall be allocated with a Unique Registration Number, which shall be used to identify a student at any time. Each student shall register for specifically prescribed credits (minimum 16 & maximum 28) per semester as per the respective UG Programme during his/her studentship at the Institute. The exact number of credits to be registered by a student in a semester in a particular Department shall be decided by his/her Faculty Advisor based on the student's academic performance in the preceding semesters.

The total minimum credits for the award of B. Tech degree in any branch shall lie between160-170. Minimum credits required to earn B. Tech degree in a particular branch shall be decided by the concerned Board of Studies (BoS), adhering a broad distribution of credits among various categories of courses as per guidelines in AICTE Model Curriculum 2018. All the theory as well as laboratory courses in the B. Tech Curriculum will have 1-5 credits and a student shall acquire these credits after he/she completes its teaching-learning-evaluation process successfully.

17.Skill development:

The institute has taken initiatives for capacity building and skill enhancement by organizing events on Software trainings on Auto CAD, Primavera, Staad Pro, COMSOL etc. and Training Programs on JAVA, Angular 8+ Node JS, PLC Scada, etc., Life Skills (like Yoga and Meditation Session), on regular basis for students. Programs are organized regularly for enhancing the Soft Skills and Communication Skills of the students. Regular classes are organized in order to guide the students for Competitive Exams like GATE, etc. The institute has Board of Student Welfare (BSW) which includes various student committees in which students display their leadership skills through participation in academic, co-curricular and extra-curricular activities.

Life Skills allow a person to be ready for life as an adult – specifically for students transitioning from campus to corporate life and independent living. In order to nurture the life skill qualities (Employability, Easy transition from student to corporate/work life, Professional Growth and Personal well-being)

and make student multidimensional successful engineer, the Institute encourages students to take active part in various co curricular & extra- curricular activities held on/off campus. In order to make most of the students to take part in the Co-curricular (Group A) and Extra-curricular (Group B) activities of interest, the participation of the students shall get evaluated and get its reflection in the final Activity Grade Report. All UG students shall choose every year at least one activity/event each from the group of Co-curricular and Extra-curricular activities happening on campus or off campus. The student may take an active part in more than one activity from Group A and/or Group B, take part in competitions and earn grade points. In such a case, the activity with the maximum score shall be considered while evaluating the final grade point.

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

The promotion of Indian languages is only possible if they are utilized regularly and for teaching and learning purposes. Our institute organizes the events and competitions like essay writing, Hindi Diwas, Debate competition, elocution competitions etc. in the regional languages. The institute offering "Essence of Indian Traditional Knowledge" and "Constitution of India" courses to upgrade the knowledge of students about Indian tradition and culture. Based on the AICTE initiatives, institute also offered a UG program in Computer Science Engineering in "Regional language". The institute also offers Massive Open Online Course (MOOC) as a mandatory course in our curriculum to train and skill students in a digital learning platform. Video lectures, books, animations, quizzes, simulation construction, and other activities are used to cover different courses. Technical query resolution forum and peer discussion forum.

The institute organized Ek Bharat Shreshtha Bharat program which aims to enhance interaction & promote mutual understanding between people of different states/UTs through the concept of state/UT pairing. The institute is selected as receiver institute among all the technical institute of Madhya Pradesh by AICTE for this program, in which students of the Manipur visits IPS Academy, Institute of Engineering & Science for cultural exchange, tourism and food exchange of Madhya Pradesh.

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

The Institute clearly defines vision, mission, objectives, outcomes and strategies. The IQAC implements Outcome Based Education (OBE) based learning in all the programs by defining respective program

objectives, program outcomes and program specific outcomes. All the courses in each program are defined with a set of course objectives and outcomes. Each faculty will prepare course file for each course which contains department vision, mission, course syllabus, individual time table, program objectives, program outcomes, various mapping matrices, unit plan, lesson plan, course plan, unit wise material, direct and indirect assessments, student grading sheet, surveys/feedbacks collected from students and CO-PO attainment sheet. Each faculty takes responsibility as a mentor, counselor, facilitator, guide, assessor, evaluator, learner, and finally as a teacher in OBE system. The faculty, industry and alumni are actively involved in preparing program outcomes, program specific outcomes and course outcomes of all programs in the college. Orientation program for all the new students is conducted every year at the beginning of the academic year to educate about all course outcomes. At the beginning of the academic year all the faculty members will prepare the course files and laboratory manuals. IQAC emphasizes in promoting the students as well as the teachers to help the rural people through various extension activities.

20.Distance education/online education:

So far as per the AICTE-Approval Process Handbook, individual institutes are not permitted to offer on line distance learning (ODL) courses. If the AICTE-APH 2022-23 has affirmative provision we are willing to offer ODL courses.

However, online classes have been conducted during COVID-19 lockdown period from March 2020 to June 2020. As a part of best practices, the institute has developed its own ERP which helps in monitoring the features like student related academic data such as admissions internal assessment marks, student feedback on teaching learning process & facilities at institute & department level, conduction of online exams, etc.

Extended Profile

1.Programme

1.1   **22**

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1   **3238**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2   **823**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3   **836**

Number of students who appeared for the examinations conducted
by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1   **685**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2   **221**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**22**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	**3238**

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	**823**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**836**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**685**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**221**

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

3.3 Number of sanctioned posts for the year:	**223**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**668**
4.2 Total number of Classrooms and Seminar halls	**97**
4.3 Total number of computers on campus for academic purposes	**2066**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**2225.72**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Institutethoroughly carries out its mandate to develop relevant and comprehensive curriculum for all its programs and keep them up to date through regular revisions; considering not only the national and global developments but also the local and regional needs.Institute has well defined Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) for all programs.

As an autonomous Institution, the following factors are also considered in curriculum development:

1. Model curriculum prescribed by AICTE

2. Curriculum of IITs, NITs and other reputed institutions in India and abroad

3. Guidelines of UGC, affiliating university, and other professional bodies

4. Syllabi of GATE, IES, and other similar competitive exams

5. Suggestions/Inputs from academicians, industry experts, employers and alumni.

The BoS meeting conducts regularly as part of the continuous process of curriculum revision to deliberate on course contents, COs and their suitability for attaining the POs, PSOs and PEOs, before any proposed revisions are submitted to Academic Council for approval. This curriculum design guarantees that it is relevant to both global and regional demands to ensure student success.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	**Nil**

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

14

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

476

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

98

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

22

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	**No File Uploaded**
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The curriculum include 01 courses on gender issue 07 courses on professional ethics, 08 courses & 02 Activities on human values and 20 courses on Environment & Sustainability & . The details are as follows:

Cross Cutting Issue Number Addressed by courses in curriculum/activities Gender 01 Course

1. Constitution of India

Professional Ethics 07 Courses

1. Professional Communication Skills
2. Professional Practice Law & Ethics
3. Personality Development
4. Soft Skill & Interpersonal Communication
5. Principal of Mgmt. & Managerial Economics
6. Disaster Management
7. Intellectual Property Rights

Human values

08 Courses 02 Activities

1. Stress Management
2. Human Resource Development in Construction Industry
3. Business Communication
4. Philosophy
5. Industrial Psychology & Human Resource Management
6. Economic Policies in India
7. Rural Outreach
8. Design Thinking
9. Expert session on Universal Human Values (Activity)
10. Expert lecture on communicating with empathy and authenticity in virtual environment (Activity)

Environment & Sustainability

20 Courses

1. Environmental Engineering
2. Energy & Environmental Engineering
3. Metro System & Engineering
4. Power Electronics Converters for Renewable Energy
5. Environmental issue, Policy, Standard & Regulation

6. Non-conventional energy Sources
7. Environment Protection & Waste Management
8. Safety, Health & Environment Laws
9. Water Supply and Waste Water Engineering
10. Energy, Environment, Ecology
11. Energy Conservation Techniques in Building Construction
12. Non Conventional Energy Sources and Energy converters
13. Life Science
14. Rural Outreach
15. Integrated Water Management etc.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

7

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

590

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1255

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni   **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	https://ies.ipsacademy.org/feedback-analysis-action-taken/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following   **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	https://ies.ipsacademy.org/feedback-analysis-action-taken/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

936

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

374

File Description	Documents
Any additional information	<u>View File</u>
Number of seats filled against seats reserved (Data Template)	<u>View File</u>

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The students are tracked during their academic journey in the Institute and special efforts are made to enhance the performance of slow learners. Students with good academic background and skills are guided to higher levels of achievements and encouraged towards challenging goals.

Before the commencement of the classes, Institute hosts Induction program for the freshers. Principal of institute address the freshers which covers the introduction of IPS Academy, Institute of Engineering & Science. Principal further elaborates academic facilities like library, laboratories, computer center and cultural activities. Head of First Year Engineering details out academic calendar, rules and regulations of University and examination pattern.

Identification of Students by class & subject coordinators

Advanced Learner Slow Learner

Attendance in class (? 85%) (? 50%)

Previous semester results (? 7.5 CGPA) (? 5 CGPA)

Performance in MST & Assignment Good Poor

Action Taken

Slow Learners

1. Remedial /Make up classes/extra classes

2. Personal attention in teaching

3. Recommend minimum credits registration (16)

4. Additional practice problems

Advance Learners

1. Encourage maximum credits registration (28)

2. Minor/ Honors certification courses

3. Encourage for Competitive examinations viz., GATE/CAT/GRE/Civil Services etc

4. Paper writings and participation in conferences/seminars, hackathon

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://ies.ipsacademy.org/wp-content/uploads/2023/02/2.2.1.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2021	3238	221

File Description	Documents
Upload any additional information	[View File](#)

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:

Experiential Learning Methods

- Internship, industrial tour/visits, industrial training.
- Multimedia teaching methods like animated videos, demo videos, ppts are incorporated in the day
- Expert lectures, seminars, workshops, paper presentation
- College Central Library is well equipped with technical magazines, journals and NPTEL lectures videos.
- Design studio

Participative learning

- Students are encouraged for participative learning
- Institute collegiate events are organized to bring out the potential of the students.
- Paper presentation, project competition, science exhibition, Quiz competition etc.
- Real time, society based and industry sponsored projects and community projects are allocated to students.
- Faculty and Students are motivated to participate in NPTEL Online Courses and Exams.
- Students encourage for problem solving through tutorials.
- Design thinking course introduced in first year.

Problem solving Methodology

- Soft skill trainings are organized periodically where expert guides the students regarding presentation & communication skills.
- Tutorial period earmarked in the time table for each subject.
- Institute has appointed consultant for imparting soft skill to the students.
- A mentor is assigned for every 15-20 student.
- The institute promotes social awareness in the students through different activities.
- ROBOTICS, BAJA etc.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://ies.ipsacademy.org/wp-content/uploads/2023/02/2.3.1.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

- Information & Communications Technology (ICT) enabled teaching methodologies and advanced technologies are being followed by the faculty members in class rooms.
- The academic plan with budget, lesson plan, lab manuals and question banks with solution are made available at the very beginning of the semester.
- The use of multimedia teaching aids like, LCD projectors are usually in use in classroom.
- The electronic resource packages like Mc Graw Hill, ASCE, ASME, DELNET, NPTEL and Digital Library of various other e-resources are available.
- Web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library.
- Online tests are conducted.
- Online classes have been conducted during COVID period.
- Sufficient number of books, Journals, e-journals and e-books are available in the library.
- All the departments conduct seminars, workshops and guest lectures, for effective teaching and learning by the faculty members and students in each semester.
- Auditoriums are equipped with multimedia facilities using ICT tools for conducting various expert lectures, seminars and workshops and webinars are.
- Online feedback on faculty and institute infrastructure is taken.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	**Nil**
Upload any additional information	[View File](#)

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

221

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	[View File](#)
Circulars with regard to assigning mentors to mentees	[View File](#)

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Institute prepares its own academic calendar, Based on Institute's academic calendar, department prepares its academic calendar showcasing events planned by individual department.

The academic activities in a semester shall normally include course registration, teaching-learning process comprising of course work, Continuous In-semester Evaluation (CIE), dropping/withdrawal from courses, End Semester Examination (ESE), Perusal of answer books and declaration of results.

Teaching plan is prepared by each teacher which adheres to the academic calendar of institute. DUPC & DPPC has standard procedure of fortnight monitoring that ensures smooth conduction of lectures and practical sessions. Attendance of student is daily observed, students and parents also can view attendance of their wards on Campus Active (ERP of the institute) daily. The students having attendance less than 75% have to attend the make-up classes in respective subjects.

The course files are prepared for each course by the respective faculty with the detailed lesson plan based on the academic calendar in the beginning of the semester itself. This includes lesson plan/handouts, lecture notes, quizzes, model question papers, mini projects, topics for seminars etc. The course file contains course objectives, syllabus, and mapping of CO with PO, detailed lesson plan, assessment planning and teaching methodologies.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

221

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

65

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1685

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<u>View File</u>
Any additional information	<u>View File</u>

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

15

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<u>View File</u>
Any additional information	**No File Uploaded**

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	**No File Uploaded**
Upload any additional information	**No File Uploaded**

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Institute follows AICTE exam reform policy for the internal assessment of the theory and laboratory. In addition, institute has carefully designed and implemented the parallel mechanism to ensure preparedness of the students. Institute also started relative grading system for the batch admitted in 2021-22.

Mechanism of internal assessment

- **Two internal examinations in each semester**
- **Term work (TW) assessment**
- **Project work assessment**

Transparency in internal assessment

Complete transparency is maintained in all forms of internal evaluations.

- **Mid-sem answer sheets are distributed and discussed with students**
- **Remedial test is planned for students having unsatisfactory performance**
- **Examination results are displayed on notice boards and CMS (Campus Management System)**
- **Overall performance, attendance, feedback about the student is communicated to parents by mentor faculty**

The Institute has developed an integrated Enterprise Resource Planning Software (Campus Active). The following examination activities are done using the Campus Active:

1. Online Exam Management

2. Bulk uploading of marks.

3. Result Preparation

3. Generation of semester grade card.

4. Generation of Provisional Certificates.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

2.6 - Student Performance and Learning Outcomes

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

Institute has well defined Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) for all programs.

Teachers are conversant with POs, PSOs of the programs as they are involved in PO, PSO evaluation process. Vision and mission of the college is discussed in meetings. Head of the department and teachers discuss POs and frame PSOs of the programs which are in line with Graduate Attributes and Vision, Mission of the Institute.

POs and PSOs are displayed for teachers and students at following locations:

- Institute web site
- HOD cabins
- Notice Boards
- Department laboratories
- Department Library
- Faculty Cabins

Principal delivers address to all newly admit first year students in the induction program. During this address institute vision, mission and program objectives are stated. Every course teacher discusses expected course outcomes with students at the beginning of each semester in his/her first lecture. POs, PSOs and COs are mandatory part of course file prepared by course teacher. These are attached in course files of each subject.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

As per the philosophy of Outcome Based Education (OBE), COs/POs/PSOs/ are evaluated using Campus Active software developed by the institute.

Attainment of Course Outcomes (CO)

Instruments used for CO assessment

MSTs, Home assignments, TQs, Tutorials, Lab performance/viva-voce, Presentations/seminars etc.

Attainment Levels

L1 x% students scoring (?) y% marks

L2 (x + ?x) % students scoring (?) y% marks

L3 (x + 2 ?x) % students scoring (?) y% marks

CO Attainment through internal assessments (COI)

Direct Assessment

(CODI- CO assessment (direct) through internals)

Indirect Assessment

(COII- CO assessment (indirect) through Course End Survey)

COI = 0.8 x (CODI) + 0.2 x (COII)

CO Attainment through University exams (COU)

Final CO Attainment = 0.7 COU + 0.3 COI

Attainment of Program Outcomes

Direct attainment (POD)

Average of entries in the columns corresponding to each PO in the program articulation matrix.

Indirect attainment (POI)

Based on the Student Exit Surveys, Alumni Surveys, Employer Surveys

Final PO attainment = 0.8 x POD + 0.2 x POI

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

823

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
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://ies.ipsacademy.org/student-satisfaction-survey/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Institute has been constantly encouraging faculty, researchers and students towards research-based activities and achievements. Since the inception, the mission of institute has been to instigate sponsored research and provide consultancy services in technical, educational and industrial areas.

The institute aims at providing, promoting research, development, consultancy and such other profession – promotional activities,

involving the faculty at various levels.

Such of those faculty, who exhibit initiative and drive by getting substantial grants for R & D works or for strengthening the infrastructure in the institute will be suitably encouraged and receive special appreciation.

Policies for Promotion of Research

Category 1: Funded R&D Projects from the Government / Industry

Category 2: Consultancy / Testing Projects from the Government / Industry / NGO

Category 3: Organizing funded Seminars / Conferences / Workshops / STTP

Category 4: Research Publications, Book Chapters, Book Publications and Patents

Category 5: PhD and Master's Guidance

Category 6: Review Books/ Papers

Category 7: Attending Seminars / Conferences / Workshops

Category 8: Study Online Course in Advanced Domain Area

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://ies.ipsacademy.org/research-development/
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	**No File Uploaded**
List of teachers receiving grant and details of grant received	**No File Uploaded**
Any additional information	**No File Uploaded**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

20.31

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	[View File](#)
List of projects and grant details	[View File](#)
Any additional information	[View File](#)

3.2.2 - Number of teachers having research projects during the year

1

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

1

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

1

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Institute is recognized as Band Performer in AtalRankingof Institutions on Innovation Achievements (ARIIA 21) by Ministry of Education (MoE), Govt. of India.

Patents published

3 patents and 2 Copyright have been published.

- Digital Education Portal For Academic Activity "Campus Active".
- LGP Gas Leakage Detection Device (VoiceAlertToThe House Wife)
- Probabilistic Method in Applied Mathematics for Restructuring Power Systems (A.N. 202111053834A).
- Location specific irrigation management and decision support system for agro farm using IOT network
- Lead toxicity detector and water cleaning machine

Incubation Centre

The Institute has been recognized as Host institute (HI) to setup/establish Businees Incubator for

implementation of the scheme namely "Support for Entrepreneurial and Managerial Development of MSMEs through Incubator" by Ministry of Micro, Small & Medium Enterprises, Government of India.

Institute Innovation Council (IIC)

Ministry of Education, Govt. of India has established its "Innovation Cell" at IPS Academy, Institute of Engineering & Science, Indore for Technical Education with a purpose of systematically fostering the culture of Innovation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://ies.ipsacademy.org/research-development/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

27

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

C. Any 2 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

26

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

5

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

17

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

2

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.12

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Institute follows a mechanism for students' involvement in various social activities which promote citizenship roles. Besides this, the institute organizes other activities also as per need and availability of time without affecting academics.

Extension activities

- **The Joy of Giving Week**
- **Gyan Vistar**
- **Haryali Mahotsava**
- **Sankranti Happiness with Children**
- **Awareness of Cyber Crimes & Prevention**
- **Mission Amrit Sarovar - Jal Dharohar Sanrakshan**
- **Ek bharat Shrestha Bharat (EBSB)**
- **Rural Outreach**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

3

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	**No File Uploaded**

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

8

File Description	Documents
Reports of the events organized	[View File](#)
Any additional information	[View File](#)

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1112

File Description	Documents
Reports of the events	<u>View File</u>
Any additional information	<u>View File</u>

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

4

File Description	Documents
Copies of documents highlighting collaboration	<u>View File</u>
Any additional information	<u>View File</u>

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

7

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<u>View File</u>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<u>View File</u>
Any additional information	<u>View File</u>

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 equipments, etc.

IPS Academy, Institute of Engineering & Science has developed high-tech campus with modern facilities/learning resources as per the curriculum requirements and norms of statutory/regulatory bodies. The Institute provides resources and infrastructure for academic excellence according to its Vision and Strategic Objectives. The

infrastructure facilities and learning resources are categorized as under:

(a)Learning Resources: This includes resources and infrastructure required for library, laboratories, class room teaching, events, meetings, workshops, etc.

(b)Support facilities includes cafeterias, hostels, auditoriums, seminar halls, etc.

(c)Utilities like safe drinking water, washroom, Heat Ventilation & Air Conditioning (HVAC), Power Generators, etc.

Details regarding the infrastructure and Learning resources are described below:

Instructional Area: Administrative Area: Amenities Area:

Room Type

Nos.

Additional Workshop

1

Classroom

72

Drawing Hall

03

Laboratory

127

Research Laboratory

1

Seminar Hall

06

Tutorial Room

15

Workshop

1

Room Type

Nos.

Directors Office

1

Cabin for Head of Dept

12

Faculty Room

230

Exam Control Office

1

ADMIN OFFICE

1

Board Room

1

Central Store

1

Department Office

8

Pantry for Staff

1

Placement Office

1

Reception Area

1

Room Type

Nos.

Auditorium

4

Boys Common Room

4

Cafeteria

1

First aid cum Sick Room

1

Girls Common Room

3

Sports Club

1

Stationery Store

1

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

The Institute has always encouraged and supported the co-curricular and extracurricular activities in the institutes. As part of this endeavor we have a well-established Sports Club and Cultural Activity Club for effective and better coordination of various sports and cultural activities which is headed by Sports In charge & Cultural In charge respectively and supported by the student sports and cultural committees. The college has following Outdoor and Indoor sports facilities:

- **Outdoor Games: Cricket, Football, Netball, Kho-kho, Volleyball, Shot-put etc.**

- **Indoor games: Table tennis, Chess, Badminton, Taekwondo, RifleShooting, Swimming Pool, Carrom, etc.**

Our students have earned applauds in the various competitions at University, State and National level sports and cultural competitions.

- **Swaranjali – Cultural Fest**
- **The VOICE of IES- Singing Competition.**
- **Inter departmental Sports events.**

The student's sports and cultural committees are actively involved in organizing the above events and we are proud to say that the above events are organized by the students and for the students. The Institute support and encourage various sports and cultural activities with the motto that every student should, not only be academically fit but also physically fit to face the challenges of the society after they complete their education from the institute.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

97

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

66.1

File Description	Documents
Upload audited utilization statements	**No File Uploaded**
Details of Expenditure, excluding salary, during the years	[View File](#)
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

The library of the institute spanning over an area of 1150 square meter including reading room. Library is equipped with Software for University Libraries (SOUL) is an state-of-the-art integrated library management software designed and developed by the INFLIBNET Centre based on requirements of college and university libraries. The institute has the latest version of the software i.e. SOUL 2.0.

Name of ILMS software: SOUL

Nature of automation:Fully

Version: 2.0

Year of Automation: 2010

The Library is automated with several terminals available in the library. The Library of the institute has an excellent knowledge providing facility for the benefit of students, faculties and researchers. The central Library has a large collection of books covering various branches of Engineering and Technology, Basic Sciences, and Humanities and its related fields.

Library has more than 37820 books including reference books. The institution has subscription for the e resources like e-journals, e-ShodhSindhu, Shodhganga Membership and e-books.

The IPS Academy, Institute of Engineering and Science, Indore has been admitted as an Institutional Member of DELNET. The membership number is IM-9357. DELNET provides access to more than 3.5 crore catalogue records of books, journals, articles, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://opac.ipsacademy.net:81/

4.2.2 - Institution has access to the following: **A. Any 4 or more of the above** e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

24.28

File Description	Documents
Audited statements of accounts	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

105

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	**No File Uploaded**

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

In this electronic communication era, the internet communication is very important in teaching learning process. To fulfill the norms of AICTE and University, the institute has very strong IT infrastructure. The Institute is currently subscribed with the service provider "Bharti -Airtel" for the internet services.The internet is available via LAN exclusively in labs for performing practical.The same network is used for institute's intra-mail. The network is secure in that it has its own firewalls and anti-virus/worm programs to protect vital institute information and database apart from confidential emails of all its users.

Application Software such as MATLAB, ANSYS, Auto CAD Civil 3D, AFT, Micro wind 3.5, ABAQUS, SAP 2000, Etab, PRIMAVERA, COMSOL Multiphysics, Target 3001, EDSA, Windows Vista, Business OS etc. are available at institute level. Software is updated continuously. Institute has well established language lab to enhance communication skills of student and faculty.

Faculty members have provided with the computer and Internet connection at their respective locations. All the Computer laboratories and facilities are connected with the Internet and are made available to the faculties and students for their academic needs in their respective departments.

- No. of Computers : 2066
- Name of the Internet provider : Airtel
- Available band width : 1 Gbps
-

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3238	1826

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://www.ipsacademy.org/eLearning
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

1421.25

File Description	Documents
Audited statements of accounts	**No File Uploaded**
Upload any additional information	[View File](#)

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

The institute adopts an established systems and procedures for maintaining the physical, academic and support facilities. There are institute level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities.

Laboratory Maintenance

Repair and Maintenance of laboratory equipments/instruments are initiated by the respective Laboratory In charge as and when required.

Central Library

The library has a reading hall and separate computers for students to access e-journals, while the subscribed e-journals can also be accessed from any networked computer in the institute.

Sports complex

The institute has state of the art and fully loaded sports arena. In an era where students are using mobile and discerning than ever, Institute offers a complete range of sports facilities for its students.

Computers Maintenance

All the computer related facilities including hardware, computer peripherals, and UPS are maintained at institute level by computer science department. Anti-virus software is purchased and is renewed annually for the smooth working of all the computers in the institute.

Maintenance of other support systems:

- **The housekeeping staff of the institute maintaining regular cleanliness of corridors, washrooms, classrooms, hostels,**

laboratories and other premises. Sanitizing of washrooms is done on a regular basis.

- Greenery is maintained by the gardeners with the usage of modern tools.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

804

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

27

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://ies.ipsacademy.org/wp-content/uploads/2023/05/5.1.3%20Final.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1034

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**
Upload any additional information	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

434

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

16

File Description	Documents
Upload supporting data for students/alumni	**No File Uploaded**
Details of students who went for higher education	View File
Any additional information	**No File Uploaded**

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

15

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

4

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	<u>View File</u>

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute has different student committees in which students show their leadership skills in academic, co-curriculum and extra-curriculum activities. Students are participating actively not only in various clubs for conducting extra-curricular activities but also on the panel of Anti Ragging Committee and few other committees. They contribute as an active member in curriculum design and development of the institute as a BoS member and advisory board members of each department respectively.

Institute also has the Board for Student Welfare (BSW), it is primarily a student body consisting of student representatives from each year and a few faculty members. The BSW has been constituted to formulate various welfare initiatives. BSW organizes and monitors various extracurricular activities of students like planning forum, sports, debate and elocution, preparation of college magazine, cultural programmes, NSS, NCC etc. in collaboration with Dean Student Welfare. Apart from this, Alumni Association is there in Institute.

Following are the committees/ club/ Events in which students are members or coordinators for events.

1. Academic Activities

2. Discipline & Anti-Ragging

3. Technical Activities

4. Extension Activities

5. Organization of Special Events

6. Cultural & Sports

7. Various Student Clubs

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://ies.ipsacademy.org/wp-content/uploads/2021/11/Dean-Students-Welfare.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

09

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

There is a registered Alumni Association (Reg.No.-03/27/01/23952/21) which contributes significantly to the development of the institution. The important contributions are:

- To promote and foster mutually beneficial interaction between Alumni and the Institute.
- To encourage the Alumni to take abiding interest in the process and development of Institute.
- To arrange and support in placement activities for the students of Institute.
- To encourage the students of the Institute and members of the Association for research & development work in various fields like engineering, computer Industrialization etc.
- To mentor the students of the Institute for higher education and development of character.
- Promote the Industry-Institute interaction to bridge the gap between industry requirements and education offered and enhance students' employability.

The Following are the activities carried out with the help of

Alumni

Curriculum Enrichment

Administration

Interactive Sessions

Industry connect

Placements/ References

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

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 an effective leadership in tune with the vision and mission of the Institution

Vision and Mission of the Institute focuses on the needs of social and corporate world by providing quality education. The organization structure comprising of Board of Governance (BOG), Internal Quality Assurance Cell (IQAC), Advisory Board Committee (ABC), Head of the Departments (HoDs), Departmental Development Committee (DDC) and Class Co-Ordinator Committee (CCC) etc. plays significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders.

The Principal of Institute is assisted by HoDs and coordinators of various cells/committees in decision making process of the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. Internal Quality Assurance Cell (IQAC) constituted

as per NAAC guidelines has a well-developed process to ensure quality benchmarks of academic and administrative activities.

The Institute maintains the culture of retention of faculty and hence has an edge of dedicated faculties for realizing its Vision. Institute follows recruitment policies and service conditions as per the rules and regulations of regulatory authorities (RGPV, DTE-MP). Fair representation of women faculty is also ensured at all levels of organization and congenial environment is fostered.

Based on the Vision and Mission of the Institution, Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The institution is practicing decentralization and participative management in all its activities. The Governing body is the highest decision-making body which formulates/ amends rules and regulations, policies, and delegate's powers, responsibilities to various Committees, Principal, Deans, Heads of the Departments [HoDs], and provides necessary support for the overall development of the institution. The constitution of statutory committees such as Academic Council, Finance Committee, and Board of Studies are systematically carried out with specified functions and responsibilities as per the requirements to the regulatory/statutory bodies. The institute has achieved the coveted status of Autonomous from UGC and got accredited by NBA for many of its UG programs.

Committees and Cells with active participation from faculty & students

- Institute Development Committee

- IQAC Cell

- Extension Activity Committee

- Technical Skill Development Cell
- Cultural Committee
- Innovation & Entrepreneurship Development Cell
- Academics Committee
- Research & Development Cell
- Sports Committee
- International Affairs & Outreach Cell
- DARC Committee
- Training & Placement Cell
- Internal Complaint Committee
- Grievance Cell
- Library Committee
- Wellness Cell
- Alumni Committee
- Admission Cell
- Safety Committee
- Purchase Committee/Finance Committee
- Maintenance Committee & Utilization of Resources
- College Magazine / News Letter Committee

Decentralization of financial powers

- Principal: Rs. 2 Lacs
- HoDs: Rs. 50,000

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The strategic plan of institute is built on the Vision and Mission of the Institute. Based on the assessment of the SWOT analysis, institute has clearly defined its strategic plan. The strategic plan outlines the key steps the institute needs to take to provide quality education, career guidance on employment, entrepreneurship, research and higher education for the students and faculty. The plan identifies the need to constantly upgrade

- The teaching learning processes
- Student - faculty involvement in research and development
- Opportunities in higher education and entrepreneurial activity
- International collaboration in research, faculty and student exchanges and joint projects etc.

The Strategic Plan identifies some broad areas to focus upon:

- Enhancement in the quality of teaching-learning – evaluation through accreditation processes (NBA/NAAC) & academic autonomy.
- Enhancement in faculty qualification with Ph.D.
- Establishment of research centre leading to Ph.D. degree.
- More emphasis on International R & D collaborations in thrust areas of Science & Technology
- Establishment of technological business incubator with financial assistance from Management to the tune of Rs 1 cr.
- Mobilization of funds through R & D sponsored projects to achieve excellence in research
- Organize International /National conferences.
- Introduction of new UG/PG & certification courses in cutting

edge technology.
- Enhancement in active participation from all stake holders: Society, Students, Parents, Alumni, Employers, etc.
- Twinning program. In this connection we have made a modest beginning with UC Berkley for certification courses.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://ies.ipsacademy.org/about-ies/future-plans/
Upload any additional information	No File Uploaded

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

Institute has a well-defined organization structure. The Governing Body steers the organization's management systems, their implementation and continuous improvement.

The Governing Body of the institute consists of the following

- President of the Society - Chairman
- One Nominee of the All India Council for Technical Education
- An Industrialist/Technologist/Educationist from the region to be nominated by the Chairman.
- Nominee of the University
- Nominee of the Director of Technical Education/State Government
- Principal/Director of the concerned technical institution (as nominee of the society /Trust) - Member Secretary.
- Two to five members to be nominated by Management
- Two faculty members to be nominated from amongst the regular faculty.

Administrative setup:

The administrative rules and regulations covering all cadres of staff employed and the information relating to roles, powers and administration are available on the institute web site (ies.ipsacademy.org.).

Service rules: All the staffs are oriented about the Service rules

available in the institution.

Recruitment: The qualification, teaching experience and other eligibility for recruitment is as prescribed by state Government / UGC / AICTE/affiliating University.

Functions of Various bodies/Committees: For effective functioning of college activities, many

Committees are identified. Every committee consists of a chairperson/Coordinators, staff and student members. The functioning of every committee in the Institution is well defined. All the coordinators report to the Principal/IQAC who monitors the effective functioning of these committees.

File Description	Documents
Paste link to Organogram on the institution webpage	https://ies.ipsacademy.org/organizational-structure/
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

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) Documen	**No File Uploaded**
Screen shots of user interfaces	**No File Uploaded**
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

1. **IPS Sakh Sahakari Santha Matyadit:** The IPS Sakh Sahakari Santha Matyadit Started by the Society of the Institute for the welfare of all employees. The loan facilities are given to all employees working in the institute.
2. **Uniform for Faculties:** Uniforms are provided to all faculty members once in a year.
3. **Maternity leave:** 3 Months maternity leaves are provided to women employee after completing probation of 1 year.
4. **Medical facility within the Institution:** This facility is available for all staff and students.
5. **Deputation of faculty for research**
6. **Other Welfare Schemes:**

- The staff on official work is compensated for the conveyance expenses.

- Staff deputed for any outstation programs is reimbursed the amountby the administration.

- Subsidized lunch & snacks facility is provided.

- Free lunch coupons are provided under a general scheme to help staff in times of need.

- Free medical facility is provided in the campus, apart from medical leaves and medical allowances.

- Educational loan for higher studies is available in eligible cases.

- Institute arranges get-together every year for non-teaching and technical staff along with their family members.
- For local transport Bus Facilities is available to all faculties at minimum expenses.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

26

File Description	Documents
Upload any additional information	*View File*
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	*View File*

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

18

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	*View File*
Upload any additional information	*View File*

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

98

File Description	Documents
Summary of the IQAC report	*View File*
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	*View File*
Upload any additional information	*View File*

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Financial audits to be conducted on regular basis. Institution follows dual audit system where one audit is to be done by the internally appointed auditor and the other audit is to be performed by external audit agency.

Internal Audit: Management of the institution has appointed Chartered accountant Mr. Amit Choudhary as an internal auditor. Whatever submission are proposed by the internal auditor are to be incorporated in the accounting system of the institution. There is regular practice for periodical internal audit in the institution. Opinions and remarks made by internal auditor are taken into account for correction, if any.

External Audit: Institution has appointed an external auditor for further audit of the accounts, voucher and other documents. Associated external auditor is Chartered accountant Mr.Basant Jain & Company FRN NO 0051286 and membership no- 073966.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	**No File Uploaded**
Any additional information	**No File Uploaded**

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Institute has made the necessary provision in the books of account towards efficient use of available fund for each academic year. As per the guidelines of the management and Principal, report of sanctioned budget and actual expenditure are regularly maintained.

The Institute has a well defined procedure to monitor effective and efficient utilization of available financial resources for infrastructure development and academic processes. Every year, the Principal of the institute takes the approval for the sanctioned budget taking into consideration the requirement of every

Department. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumable required for next academic session.

The Management has given complete support to Principal for organization of various co-curricular & extracurricular activities like technical events, sponsoring of faculty & staff for various skill development programs, providing financial support for attending conferences, workshops, pursuance of higher education etc. Financial support is also provided for various R&D activities of students and faculties.

The Institute has constituted a separate purchase Committee comprising of Management representative, Principal & college concerned staff. The purchase procedure such as calling quotation, technical bid, preparing comparative statement, negotiation meetings are followed for effective and efficient use of available financial resources.

Financial audits are conducted by a chartered accountant every financial year to verify the compliance with established processes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The establishment of Internal Quality Assurance Cell (IQAC) by the institution is for establishing long term quality standards. IQAC will be responsible to initiate, plan and supervise various activities that are necessary to increase the quality of the education imparted in the institute. The general roles of IQAC are as follows:

- To ensure focus in institutional functioning towards quality

enhancement.
- To develop a system for Improvement in the academic and administrative performance of the Institution.
- To inculcate quality culture in the institute.
- To enhance the integration amongst the various activities and suggest good practices.
- To enhance better internal communication.
- Improvement in digital education
- Improvement in student's centric activities.
- Implementation of relative grading
- NBA Re-accreditation

In IQAC meeting the main objective which is discussed and implemented is the process of making student industry ready. Awareness is created in students and are motivated for Internship, Entrepreneurship as well as for working on research projects.

File Description	Documents
Upload any additional information	[View File]
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC has played a very vital role in improving practices in teaching-learning process and methodologies. IQAC has suggested many reforms in teaching learning process so far. However, a few of them are as below:

1. Promoting usage of ICT in teaching

2. Campus recruitment training to be provided to students

3. Conducting FDPs

4. Skill based training programs for faculties and students

5. Gap identification

6. Analysis of feedback collected & Action taken

7. Organizing expert lecture, industrial visits.

8. Conducts academic & administrative audit (AAA)

The institution reviews the teaching learning process through IQAC committee members.

Example-1 IQAC has a well developed process quality benchmarks of academic and administrative activities. It is because of the initiative and guidance of IQAC that all eligible UG Program of the institute got accreditated by National Board of Accreditation (NBA), New Delhi and paved us the way for autonomous status and encouraged us to apply for NAAC Accreditation. As all the eligible departments are NBA Accreditated, so Outcome Based Education is strictly followed.

Example-2 Two Mid-term tests are conducted twice in a semester. Reports of analysis of results of Midterm tests are forwarded to the IQAC. The IQAC discusses on result analysis suggests corrective measures to be initiated for improvement. The students with poor performance in the Mid-term tests are asked to attend remedial class.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	**Nil**
Upload e-copies of accreditations and certification	[View File](#)
Upload details of quality assurance initiatives of the institution	[View File](#)
Upload any additional information	[View File](#)

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

Safety and Security:-

- **CCTV Cameras: Institute has installed 151 CCTV Cameras, 04 HD DVR, 09 NVR at different locations such as Institute Entrance, Library, Workshop, Student Section, Principal's Office, Parking Canteen and all corridors.**
- **Security guards are available for twenty-four hours. Nearby police station contact numbers and toll free help line numbers are displayed on notice boards at strategic locations.**

Counseling: - The institute has established Counseling/ Wellness Cell for the overall development of the students through interaction. In order to maintain safety and security to the girls andwomen, awomen grievance cellhas been constituted forredressalofgrievances. Ourwomen grievance cellstays alert all the time to prevent any sexual abuse towards the students andfemaleworkers.

Common Room: -

Girl's common room is available with essential facilities like first aid box, wash basin, Sanitary Napkin Wending Machine, Incinerator Machine etc.

Day care center for young children:-

The Institute administration understands that child care is not just the responsibility of women and families but also of institutions. College has provided facility for the Day Care Centre on the campus so that all staff can access its services.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: 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
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Institute has been taken several initiative towards waste management including solid waste management, waste water treatment etc. The institute is working on concept of zero waste policy. All the waste is get collected in waste management zone, where plastic waste is sent to agglomeration plant. The biodegradable waste is sent to composting unit. The institute has in-house sewage treatment plant for grey water treatment. Also there are automatic taps & toilet flushes in washrooms to reduce water wastage.

a) Solid waste:

- **Waste plastic & polythene:**

- **Sanitary waste:**
- **Non-biodegradable waste :**

b) Sewage Treatment Plant:

The institute has its own sewage treatment plant.

c) E- Waste:

E-waste is collected & sells out to dealers. There are some entrepreneurs who extract material from them.

d) Composting Unit

The institute takes inactive for the concept of zero discharge. The strategy is based on the several stages included biodegradable waste to compost (Khad) conversion. Academy generates up to 60-100 kg of biodegradable waste per day through various sources such as mess, canteen etc.

e) Agglomerator (Polyethene to Poly-granuale unit)

As large amount of polythene generated through various source of academy and this waste is not biodegradable.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	<u>View File</u>
Any other relevant information	**No File Uploaded**

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

File Description	Documents
Geotagged photographs / videos of the facilities	<u>View File</u>
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:

A. Any 4 or All of the above

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

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

- **The Joy of Giving Week - Institute celebrated 'The Joy of Giving Week' from 08/Nov/2021 to 13/Nov/2021 .**

- **Gyan Vistar - is a free tuition for the children of underprivileged communities to share knowledge, skills and awareness in them.**

- **Haryali Mahotsava- On Aug 4, 2021 a plantation drive was initiated by protecting the existing trees.**

- **Sankranti Happiness with Children- This festival is celebrated on 14-January-2022, in this event the underprivileged children from lower economic background gathered in our institute.**

- **Awareness of Cyber Crimes & Prevention- A Workshop on Awareness of Cyber Crimes & Prevention was organized by institute on 17th August, 2022.**

- **Mission Amrit Sarovar - Jal Dharohar Sanrakshan- Under this activity student & faculty of Civil Engineering Department visited Mankheda Lake water body & Bairad Talab during 26th July to 29th July, 2022.**

- **Ek bharat Shrestha Bharat (EBSB) -Students of the Manipur visits IPS Academy, Institute of Engineering & Science for cultural exchange, tourism and food exchange of Madhya Pradesh.**

- **Rural Outreach- The students of the institute visit the villages to prepare detailed studies under various headings like source of water, health facilities etc.**

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

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

Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligations i.e. values, rights, duties and responsibilities of citizens through celebrations of Republic day, Independence Day etc.

The Institute has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students with regard to the following areas:

1. **National Identities and Symbols: The Institute has always taken various direct and indirect steps which promote the awareness about various National Identities like Dr. Sarvapalli Radhakrishnan etc. Institute celebrates with**

great pomp and vigor annually Independence Day & Republic Day, Also Azadi Ka Amrat Mahotsav was celebrated during August, 17-18, 2022.

2. Constitutional Obligations, Duties and Responsibilities of citizens: The Institute has also organized students centric activities like poster presentation, rangoli, face painting, regional fountain event & essay competition displays on themes like Women Empowerment, Women's Safety, Unity in Diversity etc

3. The various courses are introduced like Professional Ethics & Human Values for I year students during Induction Programs & the subject Constitution of India in II year, which are also responsible for sensitizing the students and employees of the Institute to the constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, 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

Institute organizes various commemorative days which are as follows:

Republic Day and Independence Day

Azadi Ka Amrat Mahotsav - Azadi Ka Amrat Mahotsav was celebrated during August, 17-18, 2022 with various activities like Multi Media Exhibition by Ministry of Information & Broadcasting, Government of India, singing & dancing etc.

Teachers Day –The Institute celebrates the Teacher's Day on September 05 every year.

Engineers Day – 15th September is celebrated as Engineers Day every year. On the occasion of Engineer's Day, Expert Lectures are organized.

World Ozone Day – World Ozone Day is observed on16 Septemberevery year to spread awareness about the depletion of Ozone Layer and possible solutions to preserve it.

Computer Literacy Day –, the Computer Science and Engineering Department organizes Computer Literacy Day on 2 December Online spoken tutorial classes for the Students for spreading the awareness about computer literacy.

Hindi Diwas – Various activities like debate, essay and recitation competitions are organized.

National Science Day - National Science Day is celebrates by the

institute on 28th Feb every year.

National Mathematics Day- Institute celebrates National
Mathematics Day on December 22 every year.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	[View File](#)
Geotagged photographs of some of the events	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE-1

Title of the Practice :Campus active – An online Academic
Management System

Objectives of the Practice: Campus Active is a next generation
Management Information System (MIS) that is transparent, flexible,
paperless, and easy to use and has been designed & developed to
deliver real conceivable benefits to institutes. Hence Campus
Active plays an important role in making the paperless working as
desired for fulfillment of all academic activities such as
attendance, Sessional Marks, Mid-Sem Marks, etc.

BEST PRACTICE-2

Title of the Practice: Waste Management

Objectives of the Practice

The institute is working on concept of clean energy and zero waste
policy. All the waste is get collected in waste management zone,
where plastic waste is sent to agglomeration plant. The
biodegradable waste is sent to composting unit. The institute has
in-house sewage treatment plant for grey water treatment. Also

there are automatic taps & toilet flushes in washrooms to reduce water wastage. There is rain water harvesting facility. The institute is working on green building concept.

File Description	Documents
Best practices in the Institutional website	https://ies.ipsacademy.org/naac2020-21/
Any other relevant information	https://ies.ipsacademy.org/wp-content/uploads/2021/02/Best-Practices.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

IPS Academy, Institute of Engineering & Science established in 1999 is one of the premier self financing institutes imparting quality technical education with the sole motto of "Knowledge, Skill & Values".

The unique feature of the institute is gradually shifting towards "Self Reliant" (Atma-Nirbhar) institute which is evident from various initiatives & subsequent achievements as under:

1. Eco-friendly Environment & Waste Management:-

The waste is collected under the categories viz. Biodegradable, glass, paper, polythene & other organic waste.

2. Manufacturing of Hand Sanitizers during COVID-19

To face the challenges of COVID 19, the institute is continuously manufacturing hand sanitizers which are satisfying all safety norms. The sanitizers are being distributed to all the faculty /staff members.

3. Comprehensive fire safety arrangements & provisions:-

Institute has made its own comprehensive fire safety arrangement.

4. Innovations in Health Care :-

The institute has a well established Micro Fluidics laboratory for research related to health care and collaborations with

international and national institutes.

5. ERP Software:-

The faculty & the students of the institute have developed ERP software as one of the best practices of our institute.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Institutethoroughly carries out its mandate to develop relevant and comprehensive curriculum for all its programs and keep them up to date through regular revisions; considering not only the national and global developments but also the local and regional needs.Institute has well defined Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) for all programs.

As an autonomous Institution, the following factors are also considered in curriculum development:

1. Model curriculum prescribed by AICTE

2. Curriculum of IITs, NITs and other reputed institutions in India and abroad

3. Guidelines of UGC, affiliating university, and other professional bodies

4. Syllabi of GATE, IES, and other similar competitive exams

5. Suggestions/Inputs from academicians, industry experts, employers and alumni.

The BoS meeting conducts regularly as part of the continuous process of curriculum revision to deliberate on course contents, COs and their suitability for attaining the POs, PSOs and PEOs, before any proposed revisions are submitted to Academic Council for approval. This curriculum design guarantees that it is relevant to both global and regional demands to ensure student success.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	**Nil**

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

14

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	**No File Uploaded**

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

476

File Description	Documents
Curriculum / Syllabus of such courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File](#)
MoUs with relevant organizations for these courses, if any	**No File Uploaded**
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

98

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

22

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	**No File Uploaded**
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The curriculum include 01 courses on gender issue 07 courses on professional ethics, 08 courses & 02 Activities on human values and 20 courses on Environment & Sustainability & . The details are as follows:

Cross Cutting Issue Number Addressed by courses in curriculum/activities Gender 01 Course

1. Constitution of India

Professional Ethics 07 Courses

1. Professional Communication Skills
2. Professional Practice Law & Ethics
3. Personality Development
4. Soft Skill & Interpersonal Communication
5. Principal of Mgmt. & Managerial Economics
6. Disaster Management
7. Intellectual Property Rights

Human values

08 Courses 02 Activities

1. Stress Management
2. Human Resource Development in Construction Industry
3. Business Communication
4. Philosophy
5. Industrial Psychology & Human Resource Management
6. Economic Policies in India
7. Rural Outreach
8. Design Thinking
9. Expert session on Universal Human Values (Activity)
10. Expert lecture on communicating with empathy and authenticity in virtual environment (Activity)

Environment & Sustainability

20 Courses

1. Environmental Engineering
2. Energy & Environmental Engineering
3. Metro System & Engineering
4. Power Electronics Converters for Renewable Energy
5. Environmental issue, Policy, Standard & Regulation
6. Non-conventional energy Sources
7. Environment Protection & Waste Management
8. Safety, Health & Environment Laws
9. Water Supply and Waste Water Engineering
10. Energy, Environment, Ecology
11. Energy Conservation Techniques in Building Construction
12. Non Conventional Energy Sources and Energy converters
13. Life Science
14. Rural Outreach
15. Integrated Water Management etc.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	[View File](#)
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

7

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

590

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1255

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	A. All 4 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	https://ies.ipsacademy.org/feedback-analysis-action-taken/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://ies.ipsacademy.org/feedback-analysis-action-taken/
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

936

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

374

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The students are tracked during their academic journey in the Institute and special efforts are made to enhance the performance of slow learners. Students with good academic background and skills are guided to higher levels of achievements and encouraged towards challenging goals.

Before the commencement of the classes, Institute hosts Induction program for the freshers. Principal of institute address the freshers which covers the introduction of IPS Academy, Institute of Engineering & Science. Principal further elaborates academic facilities like library, laboratories, computer center and cultural activities. Head of First Year Engineering details out academic calendar, rules and regulations of University and examination pattern.

Identification of Students by class & subject coordinators

Advanced Learner Slow Learner

Attendance in class (? 85%) (? 50%)

Previous semester results (? 7.5 CGPA) (? 5 CGPA)

Performance in MST & Assignment Good Poor

Action Taken

Slow Learners

1. Remedial /Make up classes/extra classes

2. Personal attention in teaching

3. Recommend minimum credits registration (16)

```
4. Additional practice problems

Advance Learners

1. Encourage maximum credits registration (28)

2. Minor/ Honors certification courses

3. Encourage for Competitive examinations viz.,
GATE/CAT/GRE/Civil Services etc

4. Paper writings and participation in conferences/seminars,
hackathon
```

File Description	Documents
Upload any additional information	[View File]
Paste link for additional information	https://ies.ipsacademy.org/wp-content/uploads/2023/02/2.2.1.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2021	3238	221

File Description	Documents
Upload any additional information	[View File]

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:

```
Experiential Learning Methods
```

- **Internship, industrial tour/visits, industrial training.**
- **Multimedia teaching methods like animated videos, demo videos, ppts are incorporated in the day**
- **Expert lectures, seminars, workshops, paper presentation**
- **College Central Library is well equipped with technical magazines, journals and NPTEL lectures videos.**
- **Design studio**

Participative learning

- **Students are encouraged for participative learning**
- **Institute collegiate events are organized to bring out the potential of the students.**
- **Paper presentation, project competition, science exhibition, Quiz competition etc.**
- **Real time, society based and industry sponsored projects and community projects are allocated to students.**
- **Faculty and Students are motivated to participate in NPTEL Online Courses and Exams.**
- **Students encourage for problem solving through tutorials.**
- **Design thinking course introduced in first year.**

Problem solving Methodology

- **Soft skill trainings are organized periodically where expert guides the students regarding presentation & communication skills.**
- **Tutorial period earmarked in the time table for each subject.**
- **Institute has appointed consultant for imparting soft skill to the students.**
- **A mentor is assigned for every 15-20 student.**
- **The institute promotes social awareness in the students through different activities.**
- **ROBOTICS, BAJA etc.**

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://ies.ipsacademy.org/wp-content/uploads/2023/02/2.3.1.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

- **Information & Communications Technology (ICT) enabled teaching methodologies and advanced technologies are being followed by the faculty members in class rooms.**
- **The academic plan with budget, lesson plan, lab manuals and question banks with solution are made available at the very beginning of the semester.**
- **The use of multimedia teaching aids like, LCD projectors**

- are usually in use in classroom.
- The electronic resource packages like Mc Graw Hill, ASCE, ASME, DELNET, NPTEL and Digital Library of various other e-resources are available.
- Web and video courses (offline) from NPTEL are accessible to faculty and students from the server installed in the library.
- Online tests are conducted.
- Online classes have been conducted during COVID period.
- Sufficient number of books, Journals, e-journals and e-books are available in the library.
- All the departments conduct seminars, workshops and guest lectures, for effective teaching and learning by the faculty members and students in each semester.
- Auditoriums are equipped with multimedia facilities using ICT tools for conducting various expert lectures, seminars and workshops and webinars are.
- Online feedback on faculty and institute infrastructure is taken.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	**Nil**
Upload any additional information	[View File](#)

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

221

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	[View File](#)
Circulars with regard to assigning mentors to mentees	[View File](#)

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Institute prepares its own academic calendar, Based on Institute's academic calendar, department prepares its academic

calendar showcasing events planned by individual department.

The academic activities in a semester shall normally include course registration, teaching-learning process comprising of course work, Continuous In-semester Evaluation (CIE), dropping/withdrawal from courses, End Semester Examination (ESE), Perusal of answer books and declaration of results.

Teaching plan is prepared by each teacher which adheres to the academic calendar of institute. DUPC & DPPC has standard procedure of fortnight monitoring that ensures smooth conduction of lectures and practical sessions. Attendance of student is daily observed, students and parents also can view attendance of their wards on Campus Active (ERP of the institute) daily. The students having attendance less than 75% have to attend the make-up classes in respective subjects.

The course files are prepared for each course by the respective faculty with the detailed lesson plan based on the academic calendar in the beginning of the semester itself. This includes lesson plan/handouts, lecture notes, quizzes, model question papers, mini projects, topics for seminars etc. The course file contains course objectives, syllabus, and mapping of CO with PO, detailed lesson plan, assessment planning and teaching methodologies.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

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

221

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	**No File Uploaded**

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

65

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	**No File Uploaded**

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1685

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

15

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	[View File](#)
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Institute follows AICTE exam reform policy for the internal assessment of the theory and laboratory. In addition, institute has carefully designed and implemented the parallel mechanism to ensure preparedness of the students. Institute also started relative grading system for the batch admitted in 2021-22.

Mechanism of internal assessment

- Two internal examinations in each semester
- Term work (TW) assessment
- Project work assessment

Transparency in internal assessment

Complete transparency is maintained in all forms of internal evaluations.

- Mid-sem answer sheets are distributed and discussed with students

- **Remedial test is planned for students having unsatisfactory performance**
- **Examination results are displayed on notice boards and CMS (Campus Management System)**
- **Overall performance, attendance, feedback about the student is communicated to parents by mentor faculty**

The Institute has developed an integrated Enterprise Resource Planning Software (Campus Active). The following examination activities are done using the Campus Active:

1. Online Exam Management

2. Bulk uploading of marks.

3. Result Preparation

3. Generation of semester grade card.

4. Generation of Provisional Certificates.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

2.6 - Student Performance and Learning Outcomes

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

Institute has well defined Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) for all programs.

Teachers are conversant with POs, PSOs of the programs as they are involved in PO, PSO evaluation process. Vision and mission of the college is discussed in meetings. Head of the department and teachers discuss POs and frame PSOs of the programs which are in line with Graduate Attributes and Vision, Mission of the Institute.

POs and PSOs are displayed for teachers and students at

following locations:

- Institute web site
- HOD cabins
- Notice Boards
- Department laboratories
- Department Library
- Faculty Cabins

Principal delivers address to all newly admit first year students in the induction program. During this address institute vision, mission and program objectives are stated. Every course teacher discusses expected course outcomes with students at the beginning of each semester in his/her first lecture. POs, PSOs and COs are mandatory part of course file prepared by course teacher. These are attached in course files of each subject.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	[View File](#)
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

As per the philosophy of Outcome Based Education (OBE), COs/POs/PSOs/ are evaluated using Campus Active software developed by the institute.

Attainment of Course Outcomes (CO)

Instruments used for CO assessment

MSTs, Home assignments, TQs, Tutorials, Lab performance/viva-voce, Presentations/seminars etc.

Attainment Levels

L1 x% students scoring (?) y% marks

L2 (x + ?x) % students scoring (?) y% marks

L3 (x + 2 ?x) % students scoring (?) y% marks

CO Attainment through internal assessments (COI)

Direct Assessment

(CODI- CO assessment (direct) through internals)

Indirect Assessment

(COII- CO assessment (indirect) through Course End Survey)

COI = 0.8 x (CODI) + 0.2 x (COII)

CO Attainment through University exams (COU)

Final CO Attainment = 0.7 COU + 0.3 COI

Attainment of Program Outcomes

Direct attainment (POD)

Average of entries in the columns corresponding to each PO in the program articulation matrix.

Indirect attainment (POI)

Based on the Student Exit Surveys, Alumni Surveys, Employer Surveys

Final PO attainment = 0.8 x POD + 0.2 x POI

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

823

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
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://ies.ipsacademy.org/student-satisfaction-survey/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Institute has been constantly encouraging faculty, researchers and students towards research-based activities and achievements. Since the inception, the mission of institute has been to instigate sponsored research and provide consultancy services in technical, educational and industrial areas.

The institute aims at providing, promoting research, development, consultancy and such other profession – promotional activities, involving the faculty at various levels.

Such of those faculty, who exhibit initiative and drive by getting substantial grants for R & D works or for strengthening the infrastructure in the institute will be suitably encouraged and receive special appreciation.

Policies for Promotion of Research

Category 1: Funded R&D Projects from the Government / Industry

Category 2: Consultancy / Testing Projects from the Government / Industry / NGO

Category 3: Organizing funded Seminars / Conferences / Workshops / STTP

Category 4: Research Publications, Book Chapters, Book Publications and Patents

Category 5: PhD and Master's Guidance

Category 6: Review Books/ Papers

Category 7: Attending Seminars / Conferences / Workshops

Category 8: Study Online Course in Advanced Domain Area

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View File](#)
Provide URL of policy document on promotion of research uploaded on the website	https://ies.ipsacademy.org/research-development/
Any additional information	**No File Uploaded**

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	**No File Uploaded**
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	**No File Uploaded**
List of teachers receiving grant and details of grant received	**No File Uploaded**
Any additional information	**No File Uploaded**

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	**No File Uploaded**
List of teachers and details of their international fellowship(s)	**No File Uploaded**
Any additional information	**No File Uploaded**

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

20.31

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

1

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	**Nil**
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

1

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

1

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	**Nil**
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Institute is recognized as Band Performer in AtalRankingof Institutions on Innovation Achievements (ARIIA 21) by Ministry of Education (MoE), Govt. of India.

Patents published

3 patents and 2 Copyright have been published.

- **Digital Education Portal For Academic Activity "Campus Active".**
- **LGP Gas Leakage Detection Device (VoiceAlertToThe House Wife)**
- **Probabilistic Method in Applied Mathematics for Restructuring Power Systems (A.N. 202111053834A).**
- **Location specific irrigation management and decision support system for agro farm using IOT network**
- **Lead toxicity detector and water cleaning machine**

Incubation Centre

The Institute has been recognized as Host institute (HI) to setup/establish Businees Incubator for

implementation of the scheme namely "Support for Entrepreneurial and Managerial Development of MSMEs through Incubator" by Ministry of Micro, Small & Medium Enterprises, Government of India.

Institute Innovation Council (IIC)

Ministry of Education, Govt. of India has established its "Innovation Cell" at IPS Academy, Institute of Engineering & Science, Indore for Technical Education with a purpose of systematically fostering the culture of Innovation.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://ies.ipsacademy.org/research-development/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

27

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards	

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**C. Any 2 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	**No File Uploaded**

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

0

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	**No File Uploaded**

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

26

File Description	Documents
List of research papers by title, author, department, and year of publication	[View File](#)
Any additional information	[View File](#)

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

5

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

17

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	**No File Uploaded**

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

2

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	**No File Uploaded**
Any additional information	<u>View File</u>

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0.12

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<u>View File</u>
List of consultants and revenue generated by them	**No File Uploaded**
Any additional information	**No File Uploaded**

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	**No File Uploaded**
List of training programmes, teachers and staff trained for undertaking consultancy	**No File Uploaded**
List of facilities and staff available for undertaking consultancy	**No File Uploaded**
Any additional information	**No File Uploaded**

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Institute follows a mechanism for students' involvement in various social activities which promote citizenship roles. Besides this, the institute organizes other activities also as per need and availability of time without affecting academics.

Extension activities

- The Joy of Giving Week
- Gyan Vistar
- Haryali Mahotsava
- Sankranti Happiness with Children
- Awareness of Cyber Crimes & Prevention
- Mission Amrit Sarovar - Jal Dharohar Sanrakshan
- Ek bharat Shrestha Bharat (EBSB)
- Rural Outreach

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

3

File Description	Documents
Number of awards for extension activities in during the year	[View File](#)
e-copy of the award letters	[View File](#)
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

8

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1112

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

4

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

7

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

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 equipments, etc.

IPS Academy, Institute of Engineering & Science has developed high-tech campus with modern facilities/learning resources as per the curriculum requirements and norms of statutory/regulatory bodies. The Institute provides resources and infrastructure for academic excellence according to its Vision and Strategic Objectives. The infrastructure facilities and learning resources are categorized as under:

(a)Learning Resources: This includes resources and infrastructure required for library, laboratories, class room teaching, events, meetings, workshops, etc.

(b)Support facilities includes cafeterias, hostels, auditoriums, seminar halls, etc.

(c)Utilities like safe drinking water, washroom, Heat Ventilation & Air Conditioning (HVAC), Power Generators, etc.

Details regarding the infrastructure and Learning resources are described below:

Instructional Area: Administrative Area: Amenities Area:

Room Type

Nos.

Additional Workshop

1

Classroom

72

Drawing Hall

03

Laboratory

127

Research Laboratory

1

Seminar Hall

06

Tutorial Room

15

Workshop

1

Room Type

Nos.

Directors Office

1

Cabin for Head of Dept

12

Faculty Room

230

Exam Control Office

1

ADMIN OFFICE

1

Board Room

1

Central Store

1

Department Office

8

Pantry for Staff

1

Placement Office

1

Reception Area

1

Room Type

Nos.

Auditorium

4

Boys Common Room

4

Cafeteria

1

First aid cum Sick Room

1

Girls Common Room

3

Sports Club

1

Stationery Store

1

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

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

The Institute has always encouraged and supported the co-curricular and extracurricular activities in the institutes. As part of this endeavor we have a well-established Sports Club and Cultural Activity Club for effective and better coordination of various sports and cultural activities which is headed by Sports In charge & Cultural In charge respectively and supported by the student sports and cultural committees. The college has following Outdoor and Indoor sports facilities:

- **Outdoor Games: Cricket, Football, Netball, Kho-kho, Volleyball, Shot-put etc.**

- **Indoor games: Table tennis, Chess, Badminton, Taekwondo, RifleShooting, Swimming Pool, Carrom, etc.**

Our students have earned applauds in the various competitions at University, State and National level sports and cultural competitions.

- **Swaranjali – Cultural Fest**
- **The VOICE of IES- Singing Competition.**
- **Inter departmental Sports events.**

The student's sports and cultural committees are actively involved in organizing the above events and we are proud to say that the above events are organized by the students and for the students. The Institute support and encourage various sports and cultural activities with the motto that every student should, not only be academically fit but also physically fit to face the challenges of the society after they complete their education from the institute.

File Description	Documents
Geotagged pictures	[View File](#)
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

97

File Description	Documents
Upload any additional information	[View File](#)
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

66.1

File Description	Documents
Upload audited utilization statements	**No File Uploaded**
Details of Expenditure, excluding salary, during the years	View File
Any additional information	**No File Uploaded**

4.2 - Library as a Learning Resource

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

The library of the institute spanning over an area of 1150 square meter including reading room. Library is equipped with Software for University Libraries (SOUL) is an state-of-the-art integrated library management software designed and developed by the INFLIBNET Centre based on requirements of college and university libraries. The institute has the latest version of the software i.e. SOUL 2.0.

Name of ILMS software: SOUL

Nature of automation:Fully

Version: 2.0

Year of Automation: 2010

The Library is automated with several terminals available in the library. The Library of the institute has an excellent knowledge providing facility for the benefit of students, faculties and researchers. The central Library has a large collection of books covering various branches of Engineering and Technology, Basic Sciences, and Humanities and its related fields.

Library has more than 37820 books including reference books. The institution has subscription for the e resources like e-journals, e-ShodhSindhu, Shodhganga Membership and e-books.

The IPS Academy, Institute of Engineering and Science, Indore has been admitted as an Institutional Member of DELNET. The membership number is IM-9357. DELNET provides access to more than 3.5 crore catalogue records of books, journals, articles, etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://opac.ipsacademy.net:81/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	[View File](#)
Upload any additional information	[View File](#)

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

24.28

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

105

File Description	Documents
Upload details of library usage by teachers and students	[View File](#)
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

In this electronic communication era, the internet communication is very important in teaching learning process. To fulfill the norms of AICTE and University, the institute has very strong IT infrastructure. The Institute is currently subscribed with the service provider "Bharti -Airtel" for the internet services.The internet is available via LAN exclusively in labs for performing practical.The same network is used for institute's intra-mail. The network is secure in that it has its own firewalls and anti-virus/worm programs to protect vital institute information and database apart from confidential emails of all its users.

Application Software such as MATLAB, ANSYS, Auto CAD Civil 3D, AFT, Micro wind 3.5, ABAQUS, SAP 2000, Etab, PRIMAVERA, COMSOL Multiphysics, Target 3001, EDSA, Windows Vista, Business OS etc. are available at institute level. Software is updated continuously. Institute has well established language lab to enhance communication skills of student and faculty.

Faculty members have provided with the computer and Internet connection at their respective locations. All the Computer laboratories and facilities are connected with the Internet and are made available to the faculties and students for their academic needs in their respective departments.

- No. of Computers : 2066
- Name of the Internet provider : Airtel
- Available band width : 1 Gbps
-

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3238	**1826**

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	**A. ?50 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	**No File Uploaded**

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	**A. All four of the above**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.ipsacademy.org/eLearning
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

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

1421.25

File Description	Documents
Audited statements of accounts	**No File Uploaded**
Upload any additional information	[View File](#)

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

The institute adopts an established systems and procedures for maintaining the physical, academic and support facilities. There are institute level committees that look after the various aspects of the utilization and maintenance of the physical, academic and support facilities.

Laboratory Maintenance

Repair and Maintenance of laboratory equipments/instruments are initiated by the respective Laboratory In charge as and when required.

Central Library

The library has a reading hall and separate computers for students to access e-journals, while the subscribed e-journals can also be accessed from any networked computer in the institute.

Sports complex

The institute has state of the art and fully loaded sports arena. In an era where students are using mobile and discerning than ever, Institute offers a complete range of sports facilities for its students.

Computers Maintenance

All the computer related facilities including hardware, computer peripherals, and UPS are maintained at institute level by computer science department. Anti-virus software is

purchased and is renewed annually for the smooth working of all the computers in the institute.

Maintenance of other support systems:

- **The housekeeping staff of the institute maintaining regular cleanliness of corridors, washrooms, classrooms, hostels, laboratories and other premises. Sanitizing of washrooms is done on a regular basis.**
- **Greenery is maintained by the gardeners with the usage of modern tools.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

804

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	**No File Uploaded**

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

27

File Description	Documents
Upload any additional information	**No File Uploaded**
Institutional data in prescribed format	[View File](#)

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above

File Description	Documents
Link to Institutional website	https://ies.ipsacademy.org/wp-content/uploads/2023/05/5.1.3%20Final.pdf
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1034

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

434

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

16

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

15

File Description	Documents
Upload supporting data for students/alumni	[View File](#)
Any additional information	[View File](#)

5.3 - Student Participation and Activities

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

4

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute has different student committees in which students show their leadership skills in academic, co-curriculum and extra-curriculum activities. Students are participating actively not only in various clubs for conducting extra-curricular activities but also on the panel of Anti Ragging Committee and few other committees. They contribute as an active member in curriculum design and development of the institute as a BoS member and advisory board members of each department respectively.

Institute also has the Board for Student Welfare (BSW), it is primarily a student body consisting of student representatives from each year and a few faculty members. The BSW has been constituted to formulate various welfare initiatives. BSW organizes and monitors various extracurricular activities of students like planning forum, sports, debate and elocution, preparation of college magazine, cultural programmes, NSS, NCC etc. in collaboration with Dean Student Welfare. Apart from this, Alumni Association is there in Institute.

Following are the committees/ club/ Events in which students are members or coordinators for events.

1. Academic Activities

2. Discipline & Anti-Ragging

3. Technical Activities

4. Extension Activities

5. Organization of Special Events

6. Cultural & Sports

7. Various Student Clubs

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://ies.ipsacademy.org/wp-content/uploads/2021/11/Dean-Students-Welfare.pdf

5.3.3 - Number of sports and cultural events / competitions organised by the institution

09

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

There is a registered Alumni Association (Reg.No.-03/27/01/23952/21) which contributes significantly to the development of the institution. The important contributions are:

- **To promote and foster mutually beneficial interaction between Alumni and the Institute.**
- **To encourage the Alumni to take abiding interest in the process and development of Institute.**

- - To arrange and support in placement activities for the students of Institute.
  - To encourage the students of the Institute and members of the Association for research & development work in various fields like engineering, computer Industrialization etc.
  - To mentor the students of the Institute for higher education and development of character.
  - Promote the Industry-Institute interaction to bridge the gap between industry requirements and education offered and enhance students' employability.

The Following are the activities carried out with the help of Alumni

Curriculum Enrichment

Administration

Interactive Sessions

Industry connect

Placements/ References

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

5.4.2 - Alumni's financial contribution during the year	**E. <2 Lakhs**

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 an effective leadership in tune with the vision and mission of the Institution

Vision and Mission of the Institute focuses on the needs of

social and corporate world by providing quality education. The organization structure comprising of Board of Governance (BOG), Internal Quality Assurance Cell (IQAC), Advisory Board Committee (ABC), Head of the Departments (HoDs), Departmental Development Committee (DDC) and Class Co-Ordinator Committee (CCC) etc. plays significant role in the evolutionary reforms towards positioning the Institute in the preferred list of all stake holders.

The Principal of Institute is assisted by HoDs and coordinators of various cells/committees in decision making process of the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with complete transparency. Internal Quality Assurance Cell (IQAC) constituted as per NAAC guidelines has a well-developed process to ensure quality benchmarks of academic and administrative activities.

The Institute maintains the culture of retention of faculty and hence has an edge of dedicated faculties for realizing its Vision. Institute follows recruitment policies and service conditions as per the rules and regulations of regulatory authorities (RGPV, DTE-MP). Fair representation of women faculty is also ensured at all levels of organization and congenial environment is fostered.

Based on the Vision and Mission of the Institution, Quality Policies are framed and driven by the needs of the corporate world, society and stakeholders.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The institution is practicing decentralization and participative management in all its activities. The Governing body is the highest decision-making body which formulates/ amends rules and regulations, policies, and delegate's powers, responsibilities to various Committees, Principal, Deans, Heads of the Departments [HoDs], and provides necessary support for

the overall development of the institution. The constitution of statutory committees such as Academic Council, Finance Committee, and Board of Studies are systematically carried out with specified functions and responsibilities as per the requirements to the regulatory/statutory bodies. The institute has achieved the coveted status of Autonomous from UGC and got accredited by NBA for many of its UG programs.

Committees and Cells with active participation from faculty & students

- Institute Development Committee

- IQAC Cell

- Extension Activity Committee

- Technical Skill Development Cell

- Cultural Committee

- Innovation & Entrepreneurship Development Cell

- Academics Committee

- Research & Development Cell

- Sports Committee

- International Affairs & Outreach Cell

- DARC Committee

- Training & Placement Cell

- Internal Complaint Committee

- Grievance Cell

- Library Committee

- Wellness Cell

- Alumni Committee

- Admission Cell

- **Safety Committee**

- **Purchase Committee/Finance Committee**

- **Maintenance Committee & Utilization of Resources**

- **College Magazine / News Letter Committee**

Decentralization of financial powers

- **Principal: Rs. 2 Lacs**
- **HoDs: Rs. 50,000**

File Description	Documents
Upload strategic plan and deployment documents on the website	[View File](#)
Upload any additional information	[View File](#)
Paste link for additional Information	**Nil**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The strategic plan of institute is built on the Vision and Mission of the Institute. Based on the assessment of the SWOT analysis, institute has clearly defined its strategic plan. The strategic plan outlines the key steps the institute needs to take to provide quality education, career guidance on employment, entrepreneurship, research and higher education for the students and faculty. The plan identifies the need to constantly upgrade

- **The teaching learning processes**
- **Student - faculty involvement in research and development**
- **Opportunities in higher education and entrepreneurial**

activity
- International collaboration in research, faculty and student exchanges and joint projects etc.

The Strategic Plan identifies some broad areas to focus upon:

- Enhancement in the quality of teaching-learning – evaluation through accreditation processes (NBA/NAAC) & academic autonomy.
- Enhancement in faculty qualification with Ph.D.
- Establishment of research centre leading to Ph.D. degree.
- More emphasis on International R & D collaborations in thrust areas of Science & Technology
- Establishment of technological business incubator with financial assistance from Management to the tune of Rs 1 cr.
- Mobilization of funds through R & D sponsored projects to achieve excellence in research
- Organize International /National conferences.
- Introduction of new UG/PG & certification courses in cutting edge technology.
- Enhancement in active participation from all stake holders: Society, Students, Parents, Alumni, Employers, etc.
- Twinning program. In this connection we have made a modest beginning with UC Berkley for certification courses.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://ies.ipsacademy.org/about-ies/future-plans/
Upload any additional information	No File Uploaded

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

Institute has a well-defined organization structure. The Governing Body steers the organization's management systems, their implementation and continuous improvement.

The Governing Body of the institute consists of the following

- President of the Society - Chairman
- One Nominee of the All India Council for Technical Education
- An Industrialist/Technologist/Educationist from the region to be nominated by the Chairman.
- Nominee of the University
- Nominee of the Director of Technical Education/State Government
- Principal/Director of the concerned technical institution (as nominee of the society /Trust) - Member Secretary.
- Two to five members to be nominated by Management
- Two faculty members to be nominated from amongst the regular faculty.

Administrative setup:

The administrative rules and regulations covering all cadres of staff employed and the information relating to roles, powers and administration are available on the institute web site (ies.ipsacademy.org.).

Service rules: All the staffs are oriented about the Service rules available in the institution.

Recruitment: The qualification, teaching experience and other eligibility for recruitment is as prescribed by state Government / UGC / AICTE/affiliating University.

Functions of Various bodies/Committees: For effective functioning of college activities, many

Committees are identified. Every committee consists of a chairperson/Coordinators, staff and student members. The functioning of every committee in the Institution is well defined. All the coordinators report to the Principal/IQAC who monitors the effective functioning of these committees.

File Description	Documents
Paste link to Organogram on the institution webpage	https://ies.ipsacademy.org/organizational-structure/
Upload any additional information	**No File Uploaded**
Paste link for additional Information	**Nil**

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) Documen	**No File Uploaded**
Screen shots of user interfaces	**No File Uploaded**
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

1. **IPS Sakh Sahakari Santha Matyadit: The IPS Sakh Sahakari Santha Matyadit Started by the Society of the Institute for the welfare of all employees. The loan facilities are given to all employees working in the institute.**
2. **Uniform for Faculties: Uniforms are provided to all faculty members once in a year.**
3. **Maternity leave: 3 Months maternity leaves are provided to women employee after completing probation of 1 year.**
4. **Medical facility within the Institution: This facility is available for all staff and students.**
5. **Deputation of faculty for research**
6. **Other Welfare Schemes:**

- **The staff on official work is compensated for the conveyance expenses.**

- **Staff deputed for any outstation programs is reimbursed the amountby the administration.**

- **Subsidized lunch & snacks facility is provided.**

- **Free lunch coupons are provided under a general scheme to help staff in times of need.**

- **Free medical facility is provided in the campus, apart from medical leaves and medical allowances.**

- **Educational loan for higher studies is available in eligible cases.**

- **Institute arranges get-together every year for non-teaching and technical staff along with their family members.**
- **For local transport Bus Facilities is available to all faculties at minimum expenses.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

26

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

18

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

98

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Financial audits to be conducted on regular basis. Institution follows dual audit system where one audit is to be done by the internally appointed auditor and the other audit is to be performed by external audit agency.

Internal Audit: Management of the institution has appointed Chartered accountant Mr. Amit Choudhary as an internal auditor. Whatever submission are proposed by the internal auditor are to be incorporated in the accounting system of the institution. There is regular practice for periodical internal audit in the institution. Opinions and remarks made by internal auditor are taken into account for correction, if any.

External Audit: Institution has appointed an external auditor for further audit of the accounts, voucher and other documents. Associated external auditor is Chartered accountant Mr.Basant Jain & Company FRN NO 0051286 and membership no- 073966.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	**No File Uploaded**
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	**No File Uploaded**
Any additional information	**No File Uploaded**

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Institute has made the necessary provision in the books of account towards efficient use of available fund for each academic year. As per the guidelines of the management and Principal, report of sanctioned budget and actual expenditure are regularly maintained.

The Institute has a well defined procedure to monitor effective and efficient utilization of available financial resources for infrastructure development and academic processes. Every year, the Principal of the institute takes the approval for the sanctioned budget taking into consideration the requirement of every Department. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumable required for next academic session.

The Management has given complete support to Principal for organization of various co-curricular & extracurricular activities like technical events, sponsoring of faculty & staff for various skill development programs, providing financial support for attending conferences, workshops, pursuance of higher education etc. Financial support is also provided for various R&D activities of students and faculties.

The Institute has constituted a separate purchase Committee comprising of Management representative, Principal & college concerned staff. The purchase procedure such as calling quotation, technical bid, preparing comparative statement, negotiation meetings are followed for effective and efficient use of available financial resources.

Financial audits are conducted by a chartered accountant every financial year to verify the compliance with established processes.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

The establishment of Internal Quality Assurance Cell (IQAC) by the institution is for establishing long term quality standards. IQAC will be responsible to initiate, plan and supervise various activities that are necessary to increase the quality of the education imparted in the institute. The general roles of IQAC are as follows:

- To ensure focus in institutional functioning towards quality enhancement.
- To develop a system for Improvement in the academic and administrative performance of the Institution.
- To inculcate quality culture in the institute.
- To enhance the integration amongst the various activities and suggest good practices.
- To enhance better internal communication.
- Improvement in digital education
- Improvement in student's centric activities.
- Implementation of relative grading
- NBA Re-accreditation

In IQAC meeting the main objective which is discussed and implemented is the process of making student industry ready. Awareness is created in students and are motivated for Internship, Entrepreneurship as well as for working on research projects.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC has played a very vital role in improving practices in teaching-learning process and methodologies. IQAC has suggested many reforms in teaching learning process so far. However, a few of them are as below:

1. Promoting usage of ICT in teaching

2. Campus recruitment training to be provided to students

3. Conducting FDPs

4. Skill based training programs for faculties and students

5. Gap identification

6. Analysis of feedback collected & Action taken

7. Organizing expert lecture, industrial visits.

8. Conducts academic & administrative audit (AAA)

The institution reviews the teaching learning process through IQAC committee members.

Example-1 IQAC has a well developed process quality benchmarks of academic and administrative activities. It is because of the initiative and guidance of IQAC that all eligible UG Program of the institute got accredited by National Board of

Accreditation (NBA), New Delhi and paved us the way for autonomous status and encouraged us to apply for NAAC Accreditation. As all the eligible departments are NBA Accreditated, so Outcome Based Education is strictly followed.

Example-2 Two Mid-term tests are conducted twice in a semester. Reports of analysis of results of Midterm tests are forwarded to the IQAC. The IQAC discusses on result analysis suggests corrective measures to be initiated for improvement. The students with poor performance in the Mid-term tests are asked to attend remedial class.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

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

Safety and Security:-

- CCTV Cameras: Institute has installed 151 CCTV Cameras, 04 HD DVR, 09 NVR at different locations such as Institute Entrance, Library, Workshop, Student Section, Principal's Office, Parking Canteen and all corridors.
- Security guards are available for twenty-four hours. Nearby police station contact numbers and toll free help line numbers are displayed on notice boards at strategic locations.

Counseling: - The institute has established Counseling/ Wellness Cell for the overall development of the students through interaction. In order to maintain safety and security to the girls andwomen, awomen grievance cellhas been constituted forredressalofgrievances. Ourwomen grievance cellstays alert all the time to prevent any sexual abuse towards the students andfemaleworkers.

Common Room: -

Girl's common room is available with essential facilities like first aid box, wash basin, Sanitary Napkin Wending Machine, Incinerator Machine etc.

Day care center for young children:-

The Institute administration understands that child care is not just the responsibility of women and families but also of institutions. College has provided facility for the Day Care Centre on the campus so that all staff can access its services.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy	C. Any 2 of the above

conservation: Solar energy　　　Biogas plant Wheeling to the Grid　Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Institute has been taken several initiative towards waste management including solid waste management, waste water treatment etc. The institute is working on concept of zero waste policy. All the waste is get collected in waste management zone, where plastic waste is sent to agglomeration plant. The biodegradable waste is sent to composting unit. The institute has in-house sewage treatment plant for grey water treatment. Also there are automatic taps & toilet flushes in washrooms to reduce water wastage.

a) Solid waste:

- **Waste plastic & polythene:**

- **Sanitary waste:**
- **Non-biodegradable waste :**

b) Sewage Treatment Plant:

The institute has its own sewage treatment plant.

c) E- Waste:

E-waste is collected & sells out to dealers. There are some entrepreneurs who extract material from them.

d) Composting Unit

The institute takes inactive for the concept of zero discharge. The strategy is based on the several stages included biodegradable waste to compost (Khad) conversion. Academy generates up to 60-100 kg of biodegradable waste per day

through various sources such as mess, canteen etc.

e) Agglomerator (Polyethene to Poly-granuale unit)

As large amount of polythene generated through various source of academy and this waste is not biodegradable.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geotagged photographs of the facilities	<u>View File</u>
Any other relevant information	**No File Uploaded**

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

File Description	Documents
Geotagged photographs / videos of the facilities	<u>View File</u>
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
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	**No File Uploaded**

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy 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**	**A. Any 4 or all 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	View File
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information:	**A. Any 4 or all of the above**

Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.	

File Description	Documents
Geotagged photographs / videos of facilities	<u>View File</u>
Policy documents and brochures on the support to be provided	**No File Uploaded**
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

- **The Joy of Giving Week - Institute celebrated 'The Joy of Giving Week' from 08/Nov/2021 to 13/Nov/2021 .**

- **Gyan Vistar - is a free tuition for the children of underprivileged communities to share knowledge, skills and awareness in them.**

- **Haryali Mahotsava- On Aug 4, 2021 a plantation drive was initiated by protecting the existing trees.**

- **Sankranti Happiness with Children- This festival is celebrated on 14-January-2022, in this event the underprivileged children from lower economic background gathered in our institute.**

- **Awareness of Cyber Crimes & Prevention- A Workshop on Awareness of Cyber Crimes & Prevention was organized by institute on 17th August, 2022.**

- **Mission Amrit Sarovar - Jal Dharohar Sanrakshan- Under this activity student & faculty of Civil Engineering**

Department visited Mankheda Lake water body & Bairad Talab during 26th July to 29th July, 2022.

- Ek bharat Shrestha Bharat (EBSB) -Students of the Manipur visits IPS Academy, Institute of Engineering & Science for cultural exchange, tourism and food exchange of Madhya Pradesh.

- Rural Outreach- The students of the institute visit the villages to prepare detailed studies under various headings like source of water, health facilities etc.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

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

Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligations i.e. values, rights, duties and responsibilities of citizens through celebrations of Republic day, Independence Day etc.

The Institute has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students with regard to the following areas:

1. National Identities and Symbols: The Institute has always taken various direct and indirect steps which promote the awareness about various National Identities like Dr. Sarvapalli Radhakrishnan etc. Institute celebrates with great pomp and vigor annually Independence Day & Republic Day, Also Azadi Ka Amrat Mahotsav was celebrated during August, 17-18, 2022.
2. Constitutional Obligations, Duties and Responsibilities of citizens: The Institute has also organized students centric activities like poster presentation, rangoli, face painting, regional fountain event & essay

competition displays on themes like Women Empowerment, Women's Safety, Unity in Diversity etc

3. The various courses are introduced like Professional Ethics & Human Values for I year students during Induction Programs & the subject Constitution of India in II year, which are also responsible for sensitizing the students and employees of the Institute to the constitutional obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization 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 Annual awareness programmes on the Code of Conduct are organized	A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, 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

Institute organizes various commemorative days which are as follows:

Republic Day and Independence Day

Azadi Ka Amrat Mahotsav - Azadi Ka Amrat Mahotsav was celebrated during August, 17-18, 2022 with various activities like Multi Media Exhibition by Ministry of Information & Broadcasting, Government of India, singing & dancing etc.

Teachers Day –The Institute celebrates the Teacher's Day on September 05 every year.

Engineers Day – 15th September is celebrated as Engineers Day every year. On the occasion of Engineer's Day, Expert Lectures are organized.

World Ozone Day – World Ozone Day is observed on16 Septemberevery year to spread awareness about the depletion of Ozone Layer and possible solutions to preserve it.

Computer Literacy Day –, the Computer Science and Engineering Department organizes Computer Literacy Day on 2 December Online spoken tutorial classes for the Students for spreading the awareness about computer literacy.

Hindi Diwas – Various activities like debate, essay and recitation competitions are organized.

National Science Day - National Science Day is celebrates by the institute on 28th Feb every year.

National Mathematics Day- Institute celebrates National Mathematics Day on December 22 every year.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	[View File](#)
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

BEST PRACTICE-1

Title of the Practice :Campus active – An online Academic Management System

Objectives of the Practice: Campus Active is a next generation Management Information System (MIS) that is transparent, flexible, paperless, and easy to use and has been designed & developed to deliver real conceivable benefits to institutes. Hence Campus Active plays an important role in making the paperless working as desired for fulfillment of all academic activities such as attendance, Sessional Marks, Mid-Sem Marks, etc.

BEST PRACTICE-2

Title of the Practice: Waste Management

Objectives of the Practice

The institute is working on concept of clean energy and zero waste policy. All the waste is get collected in waste management zone, where plastic waste is sent to agglomeration plant. The biodegradable waste is sent to composting unit. The institute has in-house sewage treatment plant for grey water treatment. Also there are automatic taps & toilet flushes in washrooms to reduce water wastage. There is rain water harvesting facility. The institute is working on green building concept.

File Description	Documents
Best practices in the Institutional website	https://ies.ipsacademy.org/naac2020-21/
Any other relevant information	https://ies.ipsacademy.org/wp-content/uploads/2021/02/Best-Practices.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

IPS Academy, Institute of Engineering & Science established in 1999 is one of the premier self financing institutes imparting quality technical education with the sole motto of "Knowledge, Skill & Values".

The unique feature of the institute is gradually shifting towards "Self Reliant" (Atma-Nirbhar) institute which is evident from various initiatives & subsequent achievements as under:

1. Eco-friendly Environment & Waste Management:-

The waste is collected under the categories viz. Biodegradable, glass, paper, polythene & other organic waste.

2. Manufacturing of Hand Sanitizers during COVID-19

To face the challenges of COVID 19, the institute is continuously manufacturing hand sanitizers which are satisfying all safety norms. The sanitizers are being distributed to all the faculty /staff members.

3. Comprehensive fire safety arrangements & provisions:-

Institute has made its own comprehensive fire safety arrangement.

4. Innovations in Health Care :-

The institute has a well established Micro Fluidics laboratory for research related to health care and collaborations with international and national institutes.

5. ERP Software:-

The faculty & the students of the institute have developed ERP software as one of the best practices of our institute.

File Description	Documents
Appropriate link in the institutional website	https://ies.ipsacademy.org/wp-content/uploads/2023/02/7.3.1.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Strengthen Research & Development in the institute

Institute has been constantly encouraging faculty and students towards research-based activities and achievements. The institute aims at providing, promoting research, development, consultancy and such other profession – promotional activities, involving the faculty at various levels. Such of those faculty, who exhibit initiative and drive by getting substantial grants for R & D works or for strengthening the infrastructure in the institute will be suitably encouraged and receive special appreciation.

Accreditation of PG Programs

The following PG programs are eligible for accreditation as per the condition mention above

1. Structural Engineering

2. Construction Planning & Management

Establishment of Research Centre leading to Ph.D. Degree

The institute is in existence for last 22 years & it has enough credentials for conduct of research activities, such as, state of art laboratories, good number of faculty with PhDs & research publications in SC/ referred journals and patents.