YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution   I.T.S ENGINEERING COLLEGE

- Name of the Head of the institution   DR. MAYANK GARG

- Designation   DIRECTOR

- Does the institution function from its own   Yes
  campus?

- Phone no./Alternate phone no.   01202331000

- Mobile no   9219604511

- Registered e-mail   dir.engg@its.edu.in

- Alternate e-mail   diroff.engg@its.edu.in

- Address   Plot No. 46, Knowledge Park-III
                                               Greater Noida Gautam Budha Nagar
                                               U.P.-201310

- City/Town   Greater Noida

- State/UT   Uttar Pradesh

- Pin Code   201310

2.Institutional status

- Affiliated /Constituent   Affiliated

- Type of Institution   Co-education

- Location   Urban

- Financial Status   **Self-financing**

- Name of the Affiliating University   **DR. A P J ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW**

- Name of the IQAC Coordinator   **DR. RAKESH KUMAR GARG**

- Phone No.   **01202331000**

- Alternate phone No.   **01202331001**

- Mobile   **9958150763**

- IQAC e-mail address   **iqac_engg@its.edu.in**

- Alternate Email address   **rkgarg@its.edu.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://itsengg.edu.in/

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://drive.google.com/file/d/1kTKLSvsN12_mO1qjnd0gZqczGbJD1kMs/view

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	**B**	**2.65**	**2015**	**14/09/2020**	**13/09/2020**

6.Date of Establishment of IQAC   **03/01/2014**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NewGen IEDC, ITS Engineering	**NewGen**	**DST**	**2020**	**4750000**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC

View File

9.No. of IQAC meetings held during the year   `4`

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   `Yes`

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Whether IQAC received funding from any of the 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)

`Development of roadmap, action plan and monitoring mechanism for all the programmes. Monitoring of the teaching, learning and evaluation processes. Conduction of technical conferences/seminars/workshops/guest lectures Promotion of inter institute competitive events to widen the horizon of learning opportunities. Discussion of previously proposed activities and their outcomes.`

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1. To conduct Seminars/Workshops/FDPs/Guest Lecture/Industrial Visits, 2. More number of students shuold get enrolled in NPTEL courses, 3. Up-gradation of existing computers in laboratories with higher configuration and necessary software, 4. Motivating teachers to participate in refresher courses, seminars and workshops., 5. Provision for conduction of more classes on aptitude, soft skills and personality development. 6. Encouraging students to excel in various sports and cultural events internally and externally 7. Provide continuous counselling and guidance to the students to improve the quality of the teaching process. 8. All nonPhD faculty members must start the process of getting registered themselves for PhD program.	Conferences, Seminar, Workshops, FDPs, Industrial and Educational Visits conducted by various departments. Helps students in learning new subjects beyond their curriculum. Helps students in learning new technologies. Improved teaching learning process. More than 80 students placed. Represented National Level as well as State Level Mentor ward system implemented along with the academic coordinators improving students performance. Some of the faculty members get themselves registered for Ph. D. programme and some of them successfully defended their final Ph. D. defense.

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	06/10/2021

14.Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
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• Designation	DIRECTOR
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• Location	Urban
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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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- Name of the statutory body

Name	Date of meeting(s)
Governing Body	06/10/2021

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	15/02/2023

15.Multidisciplinary / interdisciplinary

I.T.S Engineering College has a holistic multidisciplinary curriculum that aims to empower the students with adequate knowledge of allied domains besides the core subjects. Physics, Chemistry, Mathematics, Economics, English and Environmental Science and Ecology form a crucial component in the first year engineering curriculum in the Institute. In almost every year, these subjects are holistically imbibed in the first four semesters. Numerous projects on community engagement and social service are undertaken by our students every year. For example, blood donation camps, educating women on health and hygiene, etc.

The Institute has a New Gen Institute of Entrepreneurship Development Cell (NewGen IEDC) where B. Tech students are involved under the supervision of faculty members as their mentors in creating prototypes and encouraging ideation. A few of the work has also been filed for patents.

The Institute organizes many interdisciplinary international conferences every year to promote a blending of different disciplines leading to the exchange of research ideas and knowledge on topics of overlapping domains.

16.Academic bank of credits (ABC):

I.T.S Engineering College is affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow. Therefore, we are governed by the policies of the University in terms of the Academic Bank of Credits (ABC).

17.Skill development:

Skill Development (SD): The changing demands of the Industry require more emphasis on coding skills, industry-based projects and soft skills. ITS Engineering College is continuously working on these facets in a timely manner. The Institute has a dedicated coding society by the name of Cyberia Community that looks after the enhancement of coding skills of our students in the CSE Department. The Institute focuses whole heartedly on the development of communication skills of the students through regular PDP sessions which are in align with the industry demands.

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

The Institute has a compulsory paper as per the University course

curriculum - Indian Tradition Culture and Society for B. Tech third year students. This course aims to enhance the cultural affinity towards our Vedic literatures, historical contexts and knowledge of numerous Indian languages.

The Institute organizes various rich cultural activities all-round the year that include poem recitation and debate competitions in Hindi language, folk songs and colourful dance activities related to various parts of the country. In fact, the Institute celebrates its annual cultural fest by the name of Udghosh that aptly sums up the integration of our Indian culture.

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

Outcome Based Education (OBE): ITS Engineering College has implemented Outcome Based Education (OBE) policy in its teaching pedagogy. As per the policy, the Outcomes are evaluated at every stage and the corrective measures are considered to bridge these gaps. The members from the IQAC visit every department once in a semester to review the course files of all subject coordinators and other faculty members besides evaluating the other relevant documents. For a proper understanding of the Outcome Based Education, the Institute has its own mechanism to monitor all the COs and POs calculations. Based on this calculation, the gaps are identified and an appropriate action taken report is prepared for further improvement.

20.Distance education/online education:

Not Applicable

Extended Profile

1.Programme

1.1   **7**

Number of courses offered by the institution across all programs
during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1265**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2   **300**

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3   **356**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **89**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **89**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1	7
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1265
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

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File Description	Documents
Data Template	View File

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Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	89
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	89

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	43
4.2 Total expenditure excluding salary during the year (INR in lakhs)	780.11
4.3 Total number of computers on campus for academic purposes	687

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The curriculum is vital for student learning, and our Institute incorporates the institution's mission and vision through curricular and co-curricular activities to develop job skills. We follow a well-planned academic calendar, clearly indicating syllabus coverage aligned with sessional exams.

To ensure timely delivery, faculty members have robust lesson plans, collaborating on common plans for shared subjects. The university evaluation scheme is integrated, and its details are discussed with students at the course's beginning. Our CBCS curriculum offers flexibility, allowing students to choose courses, pursue online options, and explore interdisciplinary learning.

We gather feedback from stakeholders to identify skills gaps and motivate students to take NPTEL e-courses. Collaborating with industry, we establish "Centers of Excellence" for training on

the latest technologies, bridging the industry-academia gap. Industrial visits provide exposure to work environments.

For laboratory experiments, we provide comprehensive lab manuals. Faculty members explain the theory and guide students through the experiments, followed by write-ups and assessments. Various academic monitoring formats track attendance, timetables, program outcomes, and teaching-learning processes.

We prioritize preparing students for competitive exams, organizing special classes to enhance performance in exams like GATE. Faculty members cover relevant topics alongside the regular curriculum.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

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

The Institute aligns its academic calendar with Dr. A.P.J Abdul Kalam Technical University, ensuring timely syllabus delivery, internal examinations, and vacation periods. Stakeholder feedback is considered in finalizing the calendars, which are then communicated to all concerned parties. The institution aims for excellence by developing effective academic calendars and schedules to meet the diverse needs of students.

The academic calendar includes a well-planned Continuous Internal Evaluation system. Each semester has at least 60 teaching days, with three internal examinations: two sessional exams and a pre-university exam. The exams are conducted at specific intervals, covering different portions of the syllabus. These exams are mandatory for students, allowing them to revise and prepare for the final university examinations.

The academic calendar also outlines co-curricular and extracurricular activities such as tech-fests, cultural fests, sports fests, and literary/art/management events. These activities take place at their designated times, ensuring students and faculty members are prepared and aware of the schedule. The students' academic progress is continuously

monitored, and remedial classes are scheduled if necessary.

The academic calendar specifies important dates for registration, class commencement, academic monitoring, and other relevant activities. The end-semester examination is conducted and managed by the university.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	**Nil**

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	**D. Any 1 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	**No File Uploaded**

1.2 - Academic Flexibility

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

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

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

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

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

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

281

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Our Institute recognizes the importance of instilling human values, work ethics, gender sensitization, and environmental consciousness in the younger generation. The curriculum is designed to address these issues through a step-gradient approach, gradually building students' awareness and responsibility. UG/PG programs include courses on Professional

Ethics, Human Values, and core subjects like the Constitution of India, Law, and Engineering/Indian Tradition, Culture, and Society.

Elective courses on human values, soil and water conservation, and women and gender studies are offered in the later years of the B.Tech. program. Workshops and activities further promote Universal Human Values among students and faculty members. Practical application is emphasized through initiatives such as blood donation camps and cleanliness drives. The institution also has a Human Value Education (HVE) Cell to familiarize and equip individuals with ethical values.

Although there are no specific courses addressing gender issues, the institute encourages female representation in decision-making processes and policies, ensuring gender equality in the workplace. A women's cell has been established to support this initiative.

The curriculum also includes courses on environmental engineering, pollution control, hydrology, geology, and surveying to address environmental concerns. These courses provide knowledge and skills related to sustainability and environmental protection.

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

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

5230

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	[View File](#)

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

1374

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**B. Any 3 of the above**

File Description	Documents
URL for stakeholder feedback report	**Nil**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	[View File](#)
Any additional information	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

381

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

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

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

161

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

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

Orientation Programme: Every year the institution organises Student's Orientation Programme for the newly enrolled engineering and management students. The information booklet is provided to all the newly admitted students at the beginning of

the academic session. The booklet provides details about the syllabus.

Advanced Learners: Advanced learners are provided several opportunities to develop their knowledge and skills.

1. They are encouraged to participate in various co-curricular activities such as debates, problem solving, design competitions, technical fest like Techtrix etc.
2. Meritorious students who score first, second and third positions in the final university examination in all the years of their studies are given cash prize from Rs. 10000 to 2500 in order of their rank/position respectively by the management along with a certificate of merit.

Slow Learners: The slow learners are identified on the basis of their performance during continuous internal evaluation, assignments/tutorials and performance in the End Semester Examination. Special program in the form of remedial classes and re-tests are arranged to improve the performance in the courses.

Remedial Classes: These classes are conducted in the last period every day after the scheduled lectures with an aim to improve the academic performance of slow learners

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

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

Number of Students	Number of Teachers
1216	89

File Description	Documents
Any additional information	No File Uploaded

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

All the courses predominantly follow the lecture method. ICT facilities are used for enhancing the effectiveness. Besides lectures, other student-centric methods are also employed to ensure the active involvement of the students in the teaching-learning process.

These include:

- Students' seminars and assignments
- Lectures by subject experts
- Practical sessions
- Problem-solving sessions
- Academic projects
- Laboratory work

Apart from classroom interactions, departments also employ the following methods wherever relevant:

- Industrial visits
- Industrial training and project work
- Personality Development Classes
- Pre Placement Mock-Interviews

The use of these innovative practices has positively contributed towards enhancing the learners' interest and improving the attention span of the students. Student involvement in teaching learning process has also improved considerably. The Institute is committed to provide support to the innovative initiatives of the faculty.

- The alumni who have established themselves as successful professionals and scientists of national and international eminence are invited for motivational interactions with the students.
- Different clubs and societies functioning in the institute celebrate important days such as Earth Hour, Science Day, Environment Day, Engineer's Day, etc.
- Different technical and non-technical events are organized by these clubs and societies like Envison, Mech-Impuls, Awant Garde and Ergon.

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

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

The College follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the College to provide e-learning atmosphere in the classroom:

- **In addition to chalk and talk method of teaching, the faculty members are using the IT enabled learning tools such as PPT, Video clippings, Audio system, online sources, to expose the students for advanced knowledge and practical learning.**
- **All class rooms have internet facility through LAN and are fully furnished with LCD and Computers.**
- **College provide online library facility for faculties and student for enhancing their skills through e-consortium.**
- **For online teaching learning, the College provides the facility of virtual lab, software lab, NPTEL, Edx and simulation tools.**
- **During pandemic, all the classes were conducted online with the help of ZOOM and Google Meet.**
- **External assessment for the preparation of placements, online assessments through AMCAT and CoCubes are carried out.**

College premises are Wi-Fi enabled

- **Specialized computer laboratory with an internet connection has been provided to promote independent learning. Wi-Fi facility for access of internet is provided on individual laptop.**
- **Through firewall, tight security is provided to Wi-Fi users and it is accessed and controlled by the system administrator.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

76

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

87

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	View File

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

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

30

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	[View File](#)

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

2.4.3.1 - Total experience of full-time teachers

530

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	[View File](#)

2.5 - Evaluation Process and Reforms

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

- **Internal assessment is a continuous evaluation process spread throughout the semester wherein the performance of the student is tracked/ monitored regularly with the help of three sessional examinations, assignments, seminars, practicals.**
- **The conduct of sessional examinations has been centralized under an internal centre superintendent.**
- **At I.T.S Engineering College, we conduct three sessional examinations in a semester at regular interval of time.**
- **I.T.S Engineering College mainly focuses on the transparency of internal assessment. One week before the start of the sessional examinations, detailed examination schedule is displayed on all the department notice boards and the same is also sent to each student's official e-mail ID. This results in better preparation for the end semester university examinations, increases overall**

- performance of students in terms of percentage and increased employability.
- After evaluation of the answer copies of sessional examinations, these are made available to the students for verification and to clear their doubts.
- Grievance redressal forums functioning at the Department and Institute levels look into student complaints on internal assessment. Students are free to raise their complaints. The regular assessment of the practical conducted by the students is completed by the faculty members either on the same day or on the next turn.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

I.T.S Engineering College handles grievances mechanism in a completely transparent way. In the starting of the semester, all faculty members discussed the evaluation process of internal marks and external marks with the students. Internal examination test schedules are prepared and communicated to students in advance.

For proper conduction of tests, two invigilators are assigned in a single room and evaluation of answer sheet is done by concerned subject faculty member within three working days. Internal examination grievances are cleared by showing the corrected answer sheet to the students. He/she many times have grievance after comparison with fellow student's answer sheet. This is satisfied by the evaluator/concerned faculty member by explaining the reason for difference in marks.

University End Semester Theory examination is conducted at other centers and for practical examination, the University assigned an examiner from other colleges. University examination result may be challenged by scrutiny/re-evaluation. Re-evaluation process is done by another evaluator at University level. This whole process is conducted in such a way so as the student gets updated result within the same semester; hence it is a time-bound process.

File Description	Documents
Any additional information	[View File]()
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

The process of defining the Vision, Mission, PEOs and PSOs includes all the stakeholders like Students, Parents, Industry, Faculty and Alumni. It shows that Vision and Mission and PEOs of the departments are prepared by considering the Vision and Mission of the Institute and views of all the stakeholders (Internal and External).

Vision, Mission, PEOs, POs and COs are published and disseminated among stakeholders as mentioned below:

In order to disseminate Vision, Mission, Program Educational Objectives (PEOs), Program Outcomes (POs) and Course Outcomes (COs), every Department always ensures to communicate to all stakeholders through various means. Some of them are listed below:

- Institute' website
- Orientation Program Presentation
- Departmental Notice Board
- HOD Office
- Faculty Cabins
- Laboratories
- Course File of each subject
- Lab Manuals
- Floor of the Department

Internal Stakeholders:

- Management of Institute
- Faculty members
- Laboratory Staff
- Non-Teaching Staff
- Students

External Stake Holders:

- **Parents**
- **Industries**
- **Alumni**
- **Society**

Even though the COs are given by Dr. Abdul Kalam Technical University along with the syllabus, if necessary, the COs are modified and reframed by the course committee members.

COs are communicated to the students during the introduction class itself. Cos, along with lesson plan, are issued to the students during the first class.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	**Nil**
Upload COs for all Programmes (exemplars from Glossary)	View File

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

A course's outcomes are defined depending on the program's outcomes and other requirements.

Direct attainment is a method of assessing a student's abilities directly from their performance. Course Exit Surveys is an example of indirect procedures.

In CO attainment, the assessment is completely based on departmental sessional tests and external University exam performance. The sessional exam is further divided into three parts: sessional 1(ST1), sessional 2(ST2) and Pre- University Test (PUT). The sessional papers are set according to the COs mentioned as per the syllabus.

For evaluating CO for projects, seminars, and industrial training, rubrics are created. The overall CO attainment is

calculated as the average of all CO's.

Further, overall CO attainment is obtained by 70% weightage of University examination marks and 30% of internal evaluation.

Attainment of the Program Outcomes and Program Specific Outcomes

Direct and Indirect measures are used to evaluate the attainment of POs and PSOs. Students' performance in internal assessments, University exams and course end surveys contributes to CO attainment.

Assessment Tools

Weightage

Frequency

Responsibility

Direct Assessment

Course Outcomes Attainment

80%

End of the semester

Department level

Indirect Assessment

Program Exit &, Alumni Survey

20%

At the end of the program

Department

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

2.6.3 - Pass percentage of Students during the year

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

299

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
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://itsengg.edu.in/naac-aqar#StudentSatisfactionSurvey2021-22

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

47

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

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

3.1.2.1 - Number of teachers recognized as research guides

1

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	[View File](#)
Paste link to funding agency website	http://www.newgeniedc-edii.in/

3.2 - Innovation Ecosystem

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

I.T.S Engineering College has been approved as Business

Incubator (BI) / Host Institute (HI) by Ministry of Micro, Small & Medium Enterprises (MSME),Government of India since 2015.

Department of Science & Technology, Govt of India has established NewGen IEDC at I.T.S Engineering College, Gr. Noida in 2018.To accomplish such initiatives, Department of Science and Technology (DST) has provided grants of over Rs. 2.87 Crore for the period of 5 years. Institute has credit of filling 19 patents and 08 patents have been published till date.

Eight numbers of companies have been incorporated by our incubatees including women's founded Startup.Forty-eight numbers of Proof of concept have been developed at our NewGen IEDC.

The college has been awarded IIC Top Star Ranking in 2020 and 2021. The college is also recognized in ARIIA ranking in Top Twenty-five institutions in 2020 and "Excellent Band" in 2021 and 2022. MoE Innovation Cell has recognized our IIC for Mentor-Menting Programs for harnessing innovation capacity building to other institutions too.

The institute has established National Instruments Innovation Centre, Apple iOS Lab, Rockwell Automation CoE, SMC Pneumatics & Electro Pneumatics CoE, AWS Academy and eYantra.

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

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

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

0

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	**No File Uploaded**

3.3 - Research Publications and Awards

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

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

0

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	**No File Uploaded**
Any additional information	**No File Uploaded**

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

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

8

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

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

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

04-09-2023 02:10:26

4

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

- **The Institute has been promoting the participation of students and faculty in extension activities by Yoga related program and plantation drive in nearby areas.**
- **Yoga is a priceless gift of ancient Indian tradition. The word"Yoga" is derivedfrom the Sanskrit root Yuj meaning "to join", "join" or "to unite", symbolizing the unity of mind and body; thought and action; restraint and fulfillment; harmony between human beings and nature, and a holistic approach to health and well-being.Students practice yoga at home 15-30 minutes daily, they can also share collage of four/five asans as per daily event.**
- **World Environment Day is an UN Environment-led global event, the sole largest celebration of our environment each year, which takes place on June 5. On the eve of the World Environment Day, a discussion titled Environment: Solutions and Challenges was organized at ITS Engineering College today in which Shri R.P. Raghuvanshi, Editor and Founder ChetnaManch and Shri MahendraDev Singh, ACP I, Greater Noida participated.**

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

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

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

04-09-2023 02:10:26

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	**No File Uploaded**
e-copy of the award letters	**No File Uploaded**

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

2

File Description	Documents
Reports of the event organized	[View File](#)
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	[View File](#)

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

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

535

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

0

File Description	Documents
e-copies of related Document	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	**No File Uploaded**

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

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

0

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	**No File Uploaded**

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The College has a sprawling lush green Eco friendly campus spread over 12.37 acres of which the total built up area is 20290 sq.mt. and instructional carpet area is 10914.94 sq.mt. with excellent infrastructural facilities like spacious classrooms, laboratories, workshops, Centre of Excellence, Innovation centre, Incubation centre, Auditorium, Amphitheatre, Cafeteria, seminar halls, library, faculty rooms, conference halls, administrative block, Hostels for Boys and Girls and Staff flats that suffices to fulfill the academic, administrative and residential requirement of students, staff and faculty.

The classrooms are well equipped with Computer, LCD projector and LAN Internet connection, adequate furniture, proper lighting facilities and good ventilation providing a very healthy teaching learning environment. College has state of the art laboratories and workshops for conducting practical orientated academic activities specified in University curriculum. College has Computer Labs with high speed internet connectivity of 300 Mbps through LAN in all computer systems for providing the digital support. The College has technology-enabled Auditorium and Seminar halls to conduct various workshops, seminars, conferences and guest lectures.

The College has well-established Centre of Excellence like Apple iOS, AWS Academy Rockwell Automation, National Instruments, e-Yantra and SMC Pneumatics equipped with latest technologies and have tie up with companies to conduct various specialized courses and provide students with training so that they develop and acquire additional abilities and skills through industry-academia connect and interdisciplinary approach.

The college has well-equipped Digital Language Lab to improve the communication proficiency, boost confidence for public speaking and enhance performance in placement

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/15_epCfsU EebxjniGNgE9LjTTjAbTnavY/view

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

The College has following on campus indoor and outdoor facilities to conduct various sports and cultural activities:

S.No. Details Available Facilities Area Year of establishment 1 Outdoor Games 1. Football 90 X 60 mtrs 2006 2. Basketball 28 X 15 mtrs 3. Volleyball 18 X 9 mtrs 4. Cricket ground with day & night sports facility 90 X 60 mtrs 5. Badminton 44 X 20 fts 6. Lawn Tennis 78 X 27 fts 7. Athletics 100 mtrs 2 Indoor Games 1. Table Tennis 2006 2. Chess 3. Carom board 3 Gymnasium 1. Treadmills 2006 2. Cross Trainers 3. Cycles 4. Multi-gym 5. Joggers 4 Auditorium Fully air conditioned with Seating Capacity of 1000, Sound System, LCD projectors, green room and drinking water facility. 2014 5 Amphitheater Seating Capacity: 1500 2006

CULTURAL EVENTS:

The cultural events are important medium to develop leadership skills and team building for which the institute organizes various sports and cultural events where students lead to conduct and perform. The College organizes annual fest UDGHOSH previously known as SHAYONEE. UDGHOSH is a grand student carnival riveting enthusiasm and compelling intellectual, creative and athletic capabilities to display College's excellence in inspiring and nurturing students.

The College is visited by many national artists and celebrities who have been part of the various cultural programs held in the institute. The college has its own drama group EHASAS which has won many awards at regional and national level.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/1IcesCDlW 7Y7gsUU_6PQ4WdcDNm2S1E3-/view

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

43

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://drive.google.com/file/d/14o2JXR93 75242avALGWVOOSxtAzdthuD/view
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

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

7.98

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template	[View File](#)

4.2 - Library as a Learning Resource

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

The library of I.T.S Engineering College is laid out in 934.7 Sq.mt. with a seating capacity of more than 250 students and faculty. The Library building is centrally located, well laid out with adequate number of sign boards and aesthetically designed to make it an inviting place with the ambience that is suitable for learning. It has adequate space for browsing and relaxed reading.

Library is fully computerized with the help of the library automation software titled "Alice for Windows" which facilitates the end user in short span of time. The library has barcode technology for books lending operations and provide OPAC (Online Public Access Catalogue) for the users to search the detailed information of the required resource.

I.T.S Library is automated using software named Alice for Windows with under mentioned details:

- Name of the ILMS software – Alice for windows
- Nature of automation (fully or partially) – Fully
- Version – 6.0
- Year of automation – 2006 (since beginning)

The library has adequate number of workstations to facilitate searching/accessing OPAC, e-resources, web browsing and for other academic works. Provision has also been made to allow downloading/printing of material from these resources. The college has installed excellent ICT infrastructure with adequate bandwidth for fast and seamless access to e-journals, databases etc is provided through Myloft portal and mobile

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://drive.google.com/file/d/14vhbkpGyX-eIu21NT65zj4LxHtEXIzms/view

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

3.84

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

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

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

48.04

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The College has well-structured IT infrastructure with updated hardware and software to support all the teaching & learning processes. The institution has over 687 Personal Computers and laptops that cater to the needs of the students, faculty and staff as per the norms of AKTU.

The details of computing facilities are as under:

Number of systems and configuration

The college has a total of 687 systems of which 518 are for students and 169 for faculty/staff with following configuration:

Desktops (Intel i5/i3/Dual-Core/Celeron Processor with 2-4GB RAM and 250-500GB HDD

Laptops (Intel i5-5200U/i3-4030U 1.90GHZ/Core2duo 2.4Ghz,2-4GB RAM, 250-500GB HDD)

Dedicated computing facilities

- Internet connectivity in all Classrooms / COEs / faculty rooms
- Wi-Fi in entire campusincluding all hostels andresidential area through optical fiber
- LCD Projectors in all Classrooms / COEs / Seminar Halls
- Audio Visual facility in all Classrooms / COEs / Seminar Halls

LAN facility

The institute has a network that uses Cat-6 cabling and CISCO switches to facilitate high speed internet connectivity of 300Mbps for data transfer across the campus and access various e-learning resources.

Servers

The institute has HP and Lenovo Blade Serversthat work on virtual platform using VMware.

Description of IT facilities including Wi-Fi with date and nature of updation is as follows:

IP Surveillance Up-gradation

Aug-2021

Academic LAB Up-gradation as per Software requirement

July-2021

Bandwidth up-gradation to 300 MBPS

April-2020

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://drive.google.com/file/d/187Vy5nfU 6_auqKkOacJj0poHA86fjIhS/view

4.3.2 - Number of Computers

687

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

147.37

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institution follows procedures and policies for effectively utilization and maintenance of physical, academic and support facilities (Proof attached). The augmentation is done through an action plan based on feedback of the students, faculty members, lab support staff and visitors to the college.

Minor and emergency infrastructure maintenance requirements are met with immediate effect by the Administrative Staff through approval by the HoDs and Director.

The Administrative Officer along with his team of efficient supervisors oversees the maintenance and improvement of the campus through a centralized maintenance department which include full time salaried employees like regular electricians, sweepers, gardeners, carpenters, plumbers, masons, painters and workshop technicians for welding etc. The college has a civil / site engineers for construction and upkeep of college infrastructure. The college has a maintenance cell for ICT support and development. The college has taken AMC for UPS, ACs services and RO system maintenance. In order to streamline the process of complaint management regarding maintenance and upkeep of infrastructure and facilities, an Online Complaint Management System (CMS) for lodging and resolution of complaints is in place for quickly addressing the problem related to maintenance.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1VzoX9svs 4TNUObSjvD59Jr9teERVXuPV/view

STUDENT SUPPORT AND PROGRESSION
5.1 - Student Support
5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year
5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year
196

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year
5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year
148

File Description	Documents
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File](#)

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and	**C. 2 of the above**

hygiene) ICT/computing skills

File Description	Documents
Link to Institutional website	https://itsengg.edu.in/criteria%205/5.1.3_ICT.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

227

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

227

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

227

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

2

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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

government examinations)

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

0

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	[View File](#)

5.3 - Student Participation and Activities

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

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

4

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

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

I.T.S Engineering College, Greater Noida provides necessary support to the council members in organizing and coordinating

the events. It encourages the students to develop their leadership skills through these activities.

REPRESENTATION OF STUDENTS IN VARIOUS COMMITTEES

IQAC Committee:

• Two student members are nominated to be a part of Internal Quality Assurance Committee. • These students attend the quarterly IQAC meetings and are free to put forward their views for any required actions needed for students' welfare.

Student Council:

• A Student Council has been formed for holistic development of the students and to enhance leadership skills for overall development of the students.

• Student council is headed by a Student President and Vice-President and they motivate other students to participate in the activities.

The following committees/societies of students work under the control and coordination of Dean Students Welfare.

a) Cultural Committee b) Literary Society c) Sports Committee

The various departmental societies/students activity clubs are formed with the following names, which hold technical/academic events pertaining to their respective discipline/branch/inter branch events.

a) MEGABUILD (Department of Civil Engineering)

b) AVANT GARDE (Department of Computer Science and Engineering)

c) ERGON (Department of Electrical and Electronics Engineering)

d) ENVISION (Department of Electronics Communication Engineering)

e) MECH IMPULSE (Department of Mechanical Engineering)

f) AMBROSIA (Department of Business Administration)

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1Jhe-ZZzBjthiV-zUZ1SlDt02BRDHqjxu/view?pli=1
Upload any additional information	[View File](#)

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

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

672

File Description	Documents
Report of the event	[View File](#)
Upload any additional information	[View File](#)
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	[View File](#)

5.4 - Alumni Engagement

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

Not Applicable

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1Lvy3U2kTNwmAtKeaDgXS_3m4rai8QIfo/view
Upload any additional information	**No File Uploaded**

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**E. <1Lakhs**

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

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision of the Institute

To be a leading educational institution that provides a transformative education to create technically competent and socially responsible professionals and innovators

Mission of the Institute -

- **To accomplish excellence in the field of Technical Education through rigorous coursework based on the needs of society and industry**

- **To impart advanced and contemporary technical skills to turn students into potential professionals**

- **To develop potential Engineers and Managers by enhancing their technical skills and research capabilities to become successful innovators and entrepreneurs**

- **To inculcate professionalism, leadership and business acumen amongst students in a dynamic business environment**

- **To induce high ethical standards and moral values to make our students socially responsible professionals**

- **To promote our students to learn technological advancements and encourage them to keep updating their knowledge and skills by inculcating their habit of continuous learning**

The founders have envisaged the vision of providing skilled and competent workforce to society by imparting quality education and training and have divided the role and working of different levels as follows:

The Institute's strategic level involves top management, director, deans, HODs, faculty, and staff defining policies and procedures for admissions, placement, discipline, counseling, and more to achieve long and short-term goals. The director and dean interact with top management for effective implementation and progress review.

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

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

The Institute practices participation-based leadership, seeking input from all stakeholders before implementing new policies. The Board of Governors (BoG), comprising education, industry, and bureaucratic experts, along with faculty, finalizes major decisions related to finance and expansion.

The Internal Quality Assurance Cell (IQAC) includes HODs, Deans, faculty, students, alumni, and industry experts, developing policies and standards for the institution.

Departmental meetings, with faculty feedback from student interactions, contribute to decision-making. Faculty members actively participate in crucial committees like Training and Placement, Examination, Finance, etc.

Departments have financial autonomy for planning beneficial events and purchasing lab equipment.

Class representatives communicate regularly with class counselors, ensuring effective two-way communication between students and HODs/Director.

Students, guided by mentors, organize extracurricular activities through clubs mentored by faculty.

The Institute emphasizes collaboration and involvement of all stakeholders, fostering a dynamic and inclusive decision-making process that enhances the overall growth and development of the institution.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

I.T.S Engineering College has been focused on promoting innovation and entrepreneurship among students for the past five years, achieving notable success in Innovation, Incubation, and Entrepreneurship Development since 2017, with recognition from prestigious centers.

Approved as a Business Incubator (BI)/Host Institute (HI) by the MSME, Government of India since 2015, the college also established the NewGen IEDC in 2018 to foster knowledge-based start-ups and tap into young minds' innovation potential.

The Institution's Innovation Council (IIC), founded in 2018, has actively organized various activities, earning IIC Top Star Rankings in 2020 and 2021, and ranking among the Top Twenty-five institutions in ARIIA 2020. The MoE Innovation Cell recognized IIC's Mentor-Menting Programme.

Pursuing the establishment of an Incubation Centre under the UP Startup Policy 2020, the institute fulfills all essential requirements, like a 10,000 sq. ft. floor area, dedicated incubation team, Co-working and Conference Rooms, Wi-Fi, and high-end Computers.

The Institute has following very strong reasons to be leading Incubator of UP Startups

- Incubator experience since May 2015 and well established

MSME Business Incubation Centre.

- **Establishment of NewGen IEDC supported by Department of Science & Technology, GoI in 2018.**
- **Contribution in Entrepreneurship Development via organizing various programmes like Entrepreneurship Awareness Programme (EAC), Entrepreneurial Development Programme (EDP), Women's Entrepreneurial Programme (WEDP), Technology Based Entrepreneurship Development Programme (TEDP) and Faculty Development programme supported by DST-NIMAT.**
- **Institute has credit of filling 19 patents and 08 patents have been published till date.**

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

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

I.T.S Engineering College: Efficient governance, participative decision-making, strategic plans, formal/informal arrangements, and decentralized management ensure effective leadership and organizational culture.

Administrative Setup

The Institute has well organized and defined administrative set-up as following:

- **Governing Body**
- **Director**
- **IQAC Coordinator | Centre Superintendent |Head -Training and Placement | Dean – Students Welfare | Finance Controller | Librarian | Admission Cell Coordinator | Innovation Cell Coordinator | Incubation Cell Coordinator**
- **HR, Registrar-Students Affairs**
- **Institute Media Coordinator | Institute Social Media Coordinator | Institute Website Coordinator**
- **Chief Proctor (Anti-Ragging Committee, Proctorial Board) | Coordinator ICC | SC/ST Committee Coordinator**

- Head of the Department | DAGC |Training and Placement Coordinator of the Department | Skill Enhancement Training SPOCs | Time Table Coordinator | ERP Coordinator | Department Social Media Coordinator| Department Website Coordinator
- Class Counsellors
- Alumni Coordinator of the Department
- Clubs and Society Coordinators of the Department
- Faculty Members | Mentors
- Lab Staffs | Office Staff
- Class IV Staff

Various Bodies & its Functions

Following are the bodies constituted for smooth functioning of the institute:

- Administrative Committee
- Central Purchase Committee
- Finance Committee
- Examination Committee
- Training and Placement Cell
- IQAC (Internal Quality Assurance Cell)
- Library Committee
- IT & Infrastructure Committee
- Innovation and Entrepremeurship Development Cell
- Incubation Centre Advisory Board
- Research and Development Committee
- ERP Committee
- Games and Sports Committee
- Proctorial Board
- Value Education Cell
- Internal Complaint Committee (ICC)
- Student Grievance Cell,
- Anti-Ragging Committee
- Alumni Committee,
- Cultural Committee,
- Hostel & Mess Committee

File Description	Documents
Paste link for additional information	**Nil**
Link to Organogram of the institution webpage	https://itsengg.edu.in/criteria%206/6.1.2%20organogram.pdf
Upload any additional information	[View File](#)

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	[View File](#)
Screen shots of user inter faces	[View File](#)
Any additional information	[View File](#)
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	[View File](#)

6.3 - Faculty Empowerment Strategies

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

Incentive for Research Paper Publications

SCOPUS (Q1 listed) /SCI (Impact Factor ? 2) - Rs. 25,000/- (First Author)

SCOPUS (Q2 listed)/ SCI (Impact Factor ? 1.5) - Rs. 15,000/- (First Author)

SCOPUS (Q3 listed)/ SCI (Impact Factor ? 0.5) - Rs. 10,000/- (First Author)

Book Chapters published in SCI /SCOPUS Published in Q1/Q2 – Rs. 10000/-

Book Published with International Reputed Publishers – Rs.

25,000/-

Book Published with National Reputed Publisher – Rs. 15,000/-

Book Published with Local Publisher – Rs. 5,000/-

Publishing Professional Articles in National English Newspapers – Rs. 2000/-

Consultancy Work

Management Consultancy share in the ratio of 80:20 (Faculty: Institute)

Project Consultancy share in the ratio of 50:50 (Faculty: Institute)

Technical Training Services share in the ratio of 60:40 (Faculty: Institute)

Faculty Support for Refresher programs, FDPs , Workshops, Seminars & Conferences

IPR Support

Patent Filing: All cost and support is given by the institute.

Upon licensing/assigning of patent share is 70:30 (Faculty: Institute)

On grant of patent incentive to faculty will be Rs. 10000/-

Industrial Design: All cost and support is provided by the institute.

Copyright: All cost and support is provided by the institute.

Academic Leaves support for Qualification Upgradation – Part –Time

(15 Days/Year)

Outstanding Association Scheme in form of LTC to faculty and Staff

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After 5 Years= Rs. 10000/-; 10 Years = Rs. 30000; 15 Years = Rs.
30000
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File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	View File

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

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

1

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 programs organized by the institution for teaching and non-teaching staff during the year

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

3

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

The Performance Management System is designed to define, measure and recognize the contribution of individuals and help thecollege establish achievable goals for all its people. We

devote considerable time and attention to think of ways to improve the various facts of life with us.

Existing Employees:Performance of each employee shall be appraised once in a year and our annual performance appraisal cycle is fromAugust to Julyforteaching staffandJuly to JuneforNon-Teaching staff.

New joiners receive their first increment based on their anniversary date, and then they follow the annual performance appraisal cycle. During the appraisal, employees set expectations, get assessed on KRA/KPI, self-assess, receive feedback from supervisors, and review key achievements and future plans through the Appraisal form. Refer to the Annual Performance Review & Development Plan (APRDP).

Promotion Guidelines

As assessed during the appraisal and arising of the vacancy, the potential employee shall be promoted. The following are the key elements:

- Performance appraisal scores
- Competencies, Ability to do many tasks - Multi-tasking.
- Behaviour with subordinates, colleagues, peers.
- Attendance/ leave.
- Demonstrated ability to improve quality, productivity, safety, cost and efficiency.
- Consistency in the quality of work.
- Willingness to accept tasks.

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

6.4 - Financial Management and Resource Mobilization

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

The Institute has a mechanism for internal & external audit to ensure financial compliance. The Institutional accounts are regularly audited. The observation of the auditors if any are immediately corrected/rectified.

Internal Audit

Institute monitors the effective and efficient use of financial resources through the system of internal audit. It has appointed a Chartered Accountant, who on regular basis conducts the internal audit. The scope of internal audit includes audit of all the transaction of the Institute, verification of fee reconciliation and checking of payroll of the Institute.

While verifying the accounting vouchers, the internal auditor adopts suitable auditing standard to ensure the following:

Internal auditor ensures expenditure within budget limits, supported by approved documentation, adhering to legal requirements (TDS, PF & ESI).

Reconciliation of fees is done on half yearly basis and verified by internal auditor to ensure the following:

Ensure fees for students are duly accounted for, including hostel fees; reversals are approved for withdrawal or leaving the hostel.

Verification of payroll is done by internal auditor to ensure the following:

Ensure salaries align with approved structures and working days, revisions follow director-approved structures, and deductions comply with tax and labor laws.

External Audit

External auditors, M/s. Vipin Garg & Co., Ghaziabad, conduct biannual scrutiny of college accounts, including fees, payments, and compliance with TDS, PF & ESI. Their recommendations are implemented.

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

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

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

File Description	Documents
Annual statements of accounts	[View File](#)
Any additional information	[View File](#)
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File](#)

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

I.T.S Engineering College is self-financed without government financial aid. It mobilizes funds primarily from tuition fees and benefits from government schemes, research grants, seminars, training programs, and rentals. The college optimizes resources for teaching, research, product development, patent filing, and consultancy. It has a Governing Body, Planning and Purchase Committee, Library, and associated bodies for efficient fund preparation, allocation, and utilization.

Institute prepares budget for probable expenses. The various heads include:

- **Salary to the employees**
- **Staff welfare schemes**
- **Infrastructure augmentation**
- **Payment to Statutory bodies such as affiliation fee.**
- **Books & journals, Equipment. Computers etc.**
- **All type of maintenance**
- **E-governance**

- **Financial support for workshops Seminars, conferences**
- **Membership fee of professional bodies**
- **Scholarships to meritorious students and students from economically weaker section of the society.**
- **Student activities consumables**

The institute management committee closely monitor the utilization of financial resources and advise the Director and Management accordingly. The sanctioning of various amounts is provided by discretion of the Director and Management. Care is taken to use all resources optimally. All purchases are done through a tender system. Each and every transaction is supported by the vouchers.

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

6.5 - Internal Quality Assurance System

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

The IQAC has significantly contributed towards improving Academic Environment, Teaching, and Learning Process, Curriculum and Evaluation Methods and Research environment in the institution.

Academic Audit of Departments

The academic audit enhances teaching quality and is conducted for different programs, focusing on teaching, examination, faculty readiness, student activities, and infrastructure. The department-level audit is reviewed by IQAC, providing suggestions for improvement and an action plan. Conducted twice per semester.

Question Paper Audit

Internal Question papers undergo periodic audits to ensure uniform assessment. Students can review their answer scripts to increase transparency and reduce re-totaling/re-valuation cases.

Faculty Colloquium:

Faculty members present monthly colloquiums on their research topics, followed by healthy discussions to boost professional development and job satisfaction.

Keeping abreast of current knowledge:

Skills enhancement programme are conducted for both students and faculty to introduce job-oriented and skill-based courses. The students are entrusted to organize cultural as well as technical event under the Mentorship of faculty to inculcate management, leadership qualities and team spirit.

Faculties are encouraged to attend FDP/STC/Conferences/Seminars to gain widened perspective. Institute has undertaken initiatives for skill development of students like the-state-of-art technology, laboratories have been developed with support of Industry like Rockwell Automation, SMC Pneumatics and Electro Pneumatics, e-yantra IIT Bombay, National Instruments, AWS Academy, and CISCO etc

All of its policies and strategies are oriented towards achieving this objective which is also an inherent part of its vision statement.

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

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

For first cycle - incremental improvements made for the preceding five years with regard to quality

For Second and subsequent cycles - incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives

The IQAC is significantly contributing for improving Academic quality, Teaching, and Learning Process, Curriculum and Evaluation Methods and Research environment in the college.

I.T.S Engineering College follows the best practices in institution as follows:

Academic Audit of Departments

IQAC conducts two academic audits per semester: "Pre-semester Audit" at the start and "Mid-Semester Audit" with three parts (Academic & Examination, Faculty Readiness & Training, Students Servicing & Welfare). Audits are done by IQAC members or nominated faculty. "Pre-semester Audit" has 54 parameters, and "Mid-Semester Audit" has 11, 19, and 19 parameters in Part A, Part B, and Part C, respectively. A team of senior professors audits departmental activities, suggests improvements, and outlines an action plan for better academic quality. Observations and suggestions are conveyed to Department Heads for necessary action.

Online Teaching Learning

In response to IQAC suggestions during COVID-19, the Institution quickly shifted to online learning via Zoom and Google Classroom. Faculty developed e-content including lesson plans, PPTs, quizzes, question banks, and lecture notes.

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

| 6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, | C. Any 2 of the above |

NBA)

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	[View File](#)
Upload any additional information	[View File](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[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

ITS Engineering College considers the safety and security of the women faculty and girl students of paramount importance. The Institution makes sincere efforts to empower them through the Internal Complaint Committee (ICC) that works towards the safety, security and empowerment of the fairer gender. The Cell regularly organizes self-defense programs, yoga, free health checkup for women, women day celebrations, etc.

The College Student Grievance Cell holds several interactions with the students during academic and non-academic activities of the College.

The girls' hostels are equipped with CCTV surrounding the building to monitor the movements. The hostels are fenced and gated properly. Further, the inward and outward movements of outsiders are recorded and monitored by professional security personnel.

The Women Hostel is monitored and is under the constant vigil of women warden and staff. The entry register is maintained in hostel to monitor the movement of the students. The College has separate common rooms for the boys and girls students of the college for healthy recreation and mutual contact among the students.

File Description	Documents
Annual gender sensitization action plan	The Institution makes sincere efforts to empower its women faculty and students. ITS Engineering College Internal Complaint Committee (ICC) works towards the safety, security and empowerment of women. The Cell members for the benefit of girls and women regularly organized the self-defense programs, Yoga, free health checkup for ladies. ITS Engineering College considers safety and security of the girl students as paramount and has initiated many fool-proof measures. The hostels are equipped with CCTV surrounding the building to monitor the movements. The hostels are fenced and gated properly. Further, the inward and outward movements of outsiders are recorded and monitored by professional security personnel. Apart from this, students are mandated to wear their IDs and monitored by the full time vigilant security personnel guarding the gates. The College Student Grievance Cellholds several interactions with the students during academic and non-academic activities of the College.The issues addressed are girl's issues, maladjustment, academic performance anxiety, under achievement, peer pressure, relationship handling, absenteeism, malpractice, low self-esteem, emotional instability etc. To facilitate more secure environment, ITS Engineering College mandates and maintains timings for the student's entry into hostel and attendance in their hostel. The Women Hostel is monitored and is under the constant vigil of women warden and staff. The entry register is maintained in hostel to monitor the movement of the students. The College has in place all necessary measures to ensure girl student safety.Ambulance is

	available at Surya Hospital which is the part of ITS Education Group and in the vicinity of 600 meters, hence it is available at any time. The College is also organizing on regular basis several awareness programs such as Girl Child Day, International Women Day, open house debate on the Identity based struggle in India and its solutions, poster making competition on Women, campaign for enhanced spirit of volunteerism and women safety and walkathon The College Internal Complaint Committee (ICC) holds several interactions with the students and faculty during academic and non-academic activities of the College.The issues addressed are maladjustment, academic performance anxiety, decision making, under achievement, peer pressure, relationship handling, women issues, absenteeism, malpractice, low self-esteem, emotional instability etc. Students who attended these sessions felt comfortable and emotionally secured at the end of the sessions. The College has separate common rooms for the boys and girls students of the college for healthy recreation and mutual contact among the students. The common rooms are equipped with indoor games like table tennis, carom, chess etc. Students can spend their spare times in the common room. The Anti-Ragging Committee and squad monitor ensure that the campus and hostels are ragging-free. Anti-Ragging Helpline is established in the College.
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Internal Complaint Committee (ICC) Annual Plan (2021-22) S.No. Date Activity Topic 1 5th Aug, 2021 Expert Talk Women in Innovation 2 26th Aug, 2021 One Day Workshop Women Safety 3 9thSept, 2021 Seminar Challenges and Opportunities at Workplace 4 30th Sept, 2021 Poster Presentation Gender Sensitization 5 21st

	Oct, 2021 Awareness Campaign in Collaboration with Unnat Bharat Abhiyan Women Health & Hygiene 6 4th Nov, 2021 Seminar Legal Empowerment of Women in India's Changing Scenario 7 10th Dec, 2021 Workshop The Sexual Harassment of Women at Workplace 8 8th Mar,2022 Expert Talk International Women's Day 9 30th Mar,2022 Expert Talk Cyber Safety for Girls
7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

E-Waste Management: All un-serviceable E-Waste such as computers, printers, cables, CD's, mouse and key board etc. is disposed through a third party vendor as per guidelines for implementation of E-Waste (Management and Handling) Rules.

Liquid Waste Management: After initially neutralizing and minimizing the chemicals in the laboratory, Liquid waste i.e. chemicals are treated through Effluent Treatment Plant (settling tanks). Sodium hypochlorite is used to kill harmful bacteria

Hazardous Waste Management The College makes efforts to ensure that no hazardous waste is generated in the college campus. Any hazardous waste is generated in the chemistry lab it is treated with utmost care. Unused chemicals are disposed off in diluted and neutralized form. These chemicals are drained through underground and securely covered drains so that they not exposed to the air

Solid Waste Management: The dry solid waste is put by the respective departments in a collection pit located within the campus. The same is transported to the nearest land fill and solid waste management facility for proper disposal as per State Pollution Control Board norms. Sufficient quantity of waste bins are placed at every 100 meters at a number of places within the campus for the students to dispose the waste.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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	**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

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

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

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
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 disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

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

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

There are different students from more than 15 union territories and states including Delhi, Haryana, Rajasthan, Uttar Pradesh, Madhya Pradesh, Bihar, Jharkhand, Jammu and Kashmir, Odissa, Assam, Arunachal Pradesh, Manipur,Mizoram in I.T.S Engineering College, Greater Noida. They composelinguistically and culturally different strata of our institutional ecosystem. They coexist peacefully in an inclusive environment here with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

The College actively participates in the celebration of commemorative days like Women's Day, Yoga Day, World Ozone Day, and World Science Day for Peace and Development, Engineer Day along with multiple regional festivals, such as Holi, Diwali, Lohri, etc. This establishes positive interaction among people of different racial, linguistic and cultural backgrounds.

Diverse sports and cultural activities are organized inside the college premises to develop a sense of fellow feelings. The annual festival of college – Udghosh - is a good example of unity in diversity where students of all ethnic groups and regions find a place to collaborate with one other thereby attributing inclusive quality to the institution.

The Institute has code of ethics for students and teachers irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

https://www.itsengg.edu.in/activities

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

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

I.T.S Engineering College takes the ownership of sensitizing its students and employees to various constitutional obligations – values, rights, duties and responsibilities of citizensapart from providing quality education to engineers and management students,.

I.T.S Engineering College, Greater Noida has a dedicated Unnat Bharat Abhiyan Cell (UBAC) in its premises that ceaselessly keeps working towards making its stakeholders – students, faculty and staff members aware about the values and obligations of the Indian Constitution. The Cell has played a major role in creating awareness about constitutional rights, values, duties and responsibilities pertaining to citizens among students and employees.

Under the aegis of Unnat Bharat Abhiyan Cell (UBAC), the College has joined the scheme as Participating Institute (PI) and adopted five villages in its proximity named as Atta Gujran, KondliKhadar, Nawada, Pali and Shafipur. The College built a very strong relation with these five adopted villages and working very hard for the future prospects too.

The College has also successfully organizedyoga sessions, laughter sessions, blood donation camps, trafficawareness session.

Website Links

https://www.itsengg.edu.in/unnat-bharat-abhiyan

https://www.instagram.com/p/B-8fTBDBbC4/

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Apart from providing quality education to engineers and management students, I.T.S Engineering College takes the ownership of sensitizing its students and employees to various constitutional obligations – values, rights, duties and responsibilities of citizens. The College has a dedicated Unnat Bharat Abhiyan Cell (UBAC) in its premises that ceaselessly keeps working towards making its stakeholders – students, faculty and staff members aware about the values and obligations of the Indian Constitution. The Cell has played a major role in creating awareness about constitutional rights, values, duties and responsibilities pertaining to citizens among students and employees. Unnat Bharat Abhiyan (UBA) is a flagship programme of the Minsitry of Human Resource Development (MHRD) in association with IIT Delhi. The scheme was launched on 11th November, 2014 with an aim to enrich rural India by leveraging knowledge institutions to help build the architecture of an Inclusive India. I.T.S Engineering College joined the scheme as Participating Institute (PI) and adopted five villages in its proximity named as Atta Gujran, KondliKhadar, Nawada, Pali and Shafipur. As per the requirement of the UBA, general surveys and household surveys of all the adopted villages are completed and uploaded on the UBA portal. Also with the help of a strong team of faculty members and students from various streams many events have been conducted in all the villages for the benefits of the population residing. I.T.S Engineering College built a very strong relation with these five adopted villages and working very hard for the future prospects too. A

traffic awareness session was organized on 18th November, 2019 by S P Traffic Office, GautamBuddh Nagar which was attended by every single student and faculty member. The programme had shared some relevant information regarding rules of the road while driving vehicles. It also had an interactive session with the crowd who were updated about the latest rules of the Motor Vehicle Act 2019. The College has also successfully organized numerous yoga sessions and laughter sessions on the occasions of World Yoga Day and Teacher's Day for promoting mental health and peace of mind. Besides these, the Institute has organized numerous blood donation camps in its premises where every student and faculty member donated blood for the noble cause of saving lives of people. Oath taking ceremonies are other vital trademarks of the Institution. Whether it is about women safety or girl child education or the recent Covid cases, the College ensures that every employee and student mindfully observe the protocols and abide by the norms. Dr. Kalam Startup Parikrama is a state-wide effort to foster entrepreneurship and help startups. It is a campaign for potential entrepreneurs, students, existing startups, and colleges affiliated to AKTU, especially the ones who have the potential but are reluctant due to lack of knowledge. A basic level incubation center (K-CIIS) is established in A.K.T.U. to nurture the entrepreneurial energy of students and boost startup culture across all affiliated colleges of the University. Kalam Start UP Parikarma intends to create an ecosystem for promoting innovations and start-ups for students and alumni, by developing an end-to- end mentorship and incubation model for potential start-ups. Our Motive is to build avenues of partnership and

	integration with other organizations and agencies in each of these aspects. Kalam Start UP Parikarma presents a platform and a unique opportunity for start-ups to not only fuel their entrepreneurial journeys with funding, but also build a community of potential investors, customers, business partners and fellow entrepreneurs around them. Our students continuously participate in competition for promoting culture of innovation and Startup and earn laurels at university level competitions. Website Links https://www.itsengg.edu.in/unnat-bharat-abhiyan https://www.instagram.com/p/B-8fTBDBbC4/
Any other relevant information	Nil

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

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

and festivals

At I.T.S Engineering College, we celebrate various festivals and commemorate important days besides organising cultural and literary events. Our students, therefore, understand the values of celebrating each and every recognized day such as the International Animation Day, National Entrepreneurship Day, World Computer Literacy Day, World Ozone Day, World Pi Day, World Radio Day, World Science Day, various oath taking ceremonies and commemorative events. Our institution has a great thrust of overall development of students and so here in our campus all students celebrate different events and in this way a common harmony, social welfare, happiness and creativity are developed among students.

Students of different regions stay here, celebrate different days with full enthusiasm and complete harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities. This is a platform, which not only focused on enhancing skills, but aids in promoting solidarity for one's own country.

The celebration of many religious and national festivals, such as Diwali, Holi, Christmas, Eid, Lohri, Republic Day, and Independence Day establish positive interaction among people of different racial and cultural backgrounds.

Annual cultural festival - Udghosh is a fine example of unity in diversity. Sports such as chess, badminton, tennis; cultural events such as nukkadnatak, dance, singing, battle of bands; and literary events like essay writing, debate, chai pecharcha, elocution/poetry, management quiz, are regularly conducted in the College to develop extracurricular skills of the students.

https://www.itsengg.edu.in/activities

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

BEST PRACTICE 1

1. Title of the Practice: Enhancement of Professional and Technical Skills

2. Goal: To produce industry employable students

3. The Context: Not just theoretical studies, but realistic efforts are required to expose the students to the latest technology as per the industry requirement.

4. The Practice: We try to make them technically sound through the centres of excellence (COE) and industrial visits.

5. Evidence of Success: Students have gained technical skills as a part of the COE training.

6. Problems Encountered and Resources Required: More resources and infrastructure are required for academic restructuring.

BEST PRACTICE - 2

1. Title of the Practice: Conduction of Value Based and Personality Development Program

2. Goal: To promote soft skills and ethical values in our students

3. The Context: Only technical subject knowledge cannot make our students a skilled person and a responsible citizen. Soft skills and values and ethics are equally needed.

4. The Practice: We conduct personality development programs and encourage our students towards value based awareness programs.

5. Evidence of Success: Our students have become somewhat sensible towards specific gender issues.

6. Problems Encountered and Resources Required: Time management is a major concern as a lot of academic and non-academic activities take place in parallel.

File Description	Documents
Best practices in the Institutional website	BEST PRACTICE 1 1. Title of the Practice: Professionaland technical quality enhancement incorporatingvarious methods 2. Goal: a) To be in sync with the latest technologies which are not part of university curriculum. b) To get exposure of real life working of any industry. c) To develop entrepreneurial skills in the students. d) To prepare students for industry readiness. e) To improve the employability of the students. f) To prepare students for various competitions for Govt. Jobs/ Higher Education 3. The Context Theoretical studies are not sufficient for any aspiring engineering mind. Syllabus based experiments/practicalsare provide the fundamental exposure to the students. Additional efforts are required to expose the students about the latest technology as per the industry requirement. Theexposer of basic engineering labs doesn't prepare students for industry readiness, doesn't promote their employability, and also not for competitive examinations for government jobs / higher education. Hence various different methods are being used to overcome this situation. 4. The Practice a) Successful establishment and functioning of the state of art Centre of excellence (COE) for latest technologies. These CO's include Rockwell Automation COE for industrial automation and drive, SMC COE for electro-pneumatics, National Instruments COE for industrial instrumentation and control, Apple IOS COE for app development, Syscom COE for smart card development, SALT COE for software testing and E-Yantra for robotics applications. b) Successful establishment and functioning of Entrepreneurship Development Cell (EDC)

funded by NEWGEN IDC, Govt. of India initiative. c) Regular conduction of Industrial Visits to top notch industries such as NTPC, NPCL, New Holland, ABB, ST Microelectronics, Bisleri, Mother Dairy, Anmol industries etc. d) Conduction of various events such as seminar/ workshop/ short term training programs/ FDP/ SDP /conferences on regular basis by each department. e) Routine classes for Personality Development Program, Aptitude development f) Conduction of various technical sessions/ GATE classes for PSU/ Higher education. 5. Evidence of Success On monitoring the academic module, following were the observations: a) A remarkable technological advancement is observed in students as the result of their COE training. b) Our various students/alumni are now buddy entrepreneurs and running their business on their new and innovative ideas. c) It is obviously observed that the students, who take interest in understanding the various processes in industry, can easily correlate the theoretical fundamentals with practical utilization. It also helps them in their campus interview selection process as the employers are interested in students who have knowledge of recent industry trends. d) With the conduction of various events, it is observed that students and faculty are now more equipped and conversant with latest technological terms and ideas. e) Students placement is enhanced due to increased confidence level and communication with the personality development program. f) The selection percentage in various competitive exams has increased. 6. Problems Encountered and Resources Required More resources and infrastructure are required for academic restructuring. New labs have to established which have financial, infrastructural and training challenges

however all problems are being managed with due efforts of management and faculty. Conduction of events needs expansion of resources and time. Time table have to re-adjust. Dedicated faculties are required for specific Trainings. Time is the big challenges in all these activities however with cumulative efforts and team works, all things are managed in stipulated time frame. BEST PRACTICE 2 1. Title of the Practice: Conduction of value based and personality development program 2. Goal: a) To make the students good human being. b) To groom students for responsible citizen. c) To develop professional ethics in the students. d) To groom the students personality. e) To inculcate the Indian culture and ethics in students. 3. The Context The only technical subject knowledge and associated experimental studies cannot produce the good human being and responsible citizen. It is prime responsibility of any educational institute to inculcate the values and ethics in the students for their overall development and associated contribution towards society and country. 4. The Practice a) Sending faculty members to various human values workshop/ refresher courses. b) Establishment of value education cell. c) Conduction of various personality development programs. d) Conduction of fire safety and road safety programs. e) Conduction of blood donation camps. f) Implementation of Anti ragging rules. g) Conduction of gender sensitization based program. h) Organization of various cultural events. 5. Evidence of Success On monitoring the overall scenario of the college: a)It is found that our students are more disciplined and cultured. b)40% of college faculty has attended the human value workshops. c) There is no ragging case in the premises. d) The college is a

	major partner with GOI in Unnat Bharat Abhiyan. e) Students are capable enough to organize various cultural events on their own without any indiscipline case. f) The students are voluntary participating in various CSR activities. 6. Problems Encountered and Resources Required The time management is a major concern as lot of academic and non academic activities are going in parallel. Crowd management in events is also a challenge, however with mutual coordination of students, faculty and administrative staff, things are being managed.
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

I.T.S Engineering College provides productive and inspiring learning experience to our students. In a span of 14 years, the Institute has come up with various start ups, innovations and patents.

To systematically foster the culture of innovation among its engineers, it established the Institute Innovation Council (IIC) as per the guidelines of MHRD. Recently we have achieved 5-star rating in IIC. The center has three different government supported incubation centres - Entrepreneurship Development Cell (EDC), Business Incubation Centre (BIC) and NewGen IEDC.

Our Institute has been ranked among Top 25 innovative higher education private universities/institutions across India in Atal Ranking of Innovation and Achievement (ARIIA) 2020 and Certificate of Recognition for Effective Practices for Incubation Center by Engineering College in 14th World Education Summit Delhi 2019. The College was conferred with Education Excellence Award on National Summit on Women & Education Empowerment 2020 in the presence of Honourable Minister - Shri Nitin Jairam Gadkari.

https://www.itsengg.edu.in/Entrepreneurship-Development-Cell

https://www.itsengg.edu.in/NewGen-IEDC

https://www.itsengg.edu.in/center-of-excellence

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

7.3.2 - Plan of action for the next academic year

1. To sensitize every faculty and staff member towards the importance of better NAAC Accreditations, NBA Affiliation and NIRF Ranking for the growth of any technical institute in the truest sense and motivate them to achieve a significant milestone in these.

2. To help our students in getting the right exposure to academics and technology driven inputsso as to gradually mould them towards a technical bent of mind

3.To recruit and retain well qualified and self-confident teaching staff

4. To promote entrepreneurial skills in our students so that they can develop business acumen and becomejob creators instead of job seekers for the coming generation

5. To inculcate human values and ethics in our students by setting real life moral examples so that they can become empathetic, sensible and responsible individuals