



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		I.T.S ENGINEERING COLLEGE
Name of the head of the Institution		Dr. SANJAY YADAV
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01202331000
Mobile no.		9990161722
Registered Email		dir.engg@its.edu.in
Alternate Email		dean.acada.engg@its.edu.in
Address		Plot No. 46, Knowledge Park - III
City/Town		Greater Noida
State/UT		Uttar pradesh
Pincode		201308
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. Ashish Gupta
Phone no/Alternate Phone no.	01202331000
Mobile no.	9891763440
Registered Email	iqac_engg@its.edu.in
Alternate Email	dean.acada.engg@its.edu.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.itsengg.edu.in/naac-aqar#2017-18">_https://www.itsengg.edu.in/naac-aqar#2017-18</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.itsengg.edu.in/naac-academic-calendar#2018-19">https://www.itsengg.edu.in/naac-academic-calendar#2018-19</a>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.65	2015	14-Sep-2014	13-Sep-2020

<b>6. Date of Establishment of IQAC</b>	03-Jan-2014
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### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
One-day Workshop on Innovative Techniques of Teaching in Engineering	13-Oct-2018 1	52

Education

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L::asset('/', 'public') .'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'. $instdata->upload_special_status))}
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NewGen IEDC ITS Engineering College	Newgen IEDC	EDII	2019 365	6000000

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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View Link](#)

**10. Number of IQAC meetings held during the year :**

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. 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

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

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

Yes

Name of Statutory Body	Meeting Date
Governing Board	29-Sep-2018

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2019

Date of Submission	27-Feb-2019
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The institutewise information exchange among the staff and faculty members, students, academic and nonacademic administration is being accomplished through intranet communication consisting of internal group mail assigned to all the faculty and staff members. Also, various batches of students of each program are being assigned individual as well as group mail id and a common group mail id of all the students of the college. Further, some portion of the academic administration such as student's attendance, lesson plan, class time table, faculty individual time table, assignments, internal assessments, Academic Daily Report (ADR) and Academic Weekly Report (AWR) are archived through File Transfer Protocol (FTP) on internet. iCLOUD EMS ERP system powered by Cloud Next Vision Pvt. Ltd. is implemented in the institute to monitor academic daily activities of the students. The ERP is having SMS and email integration and provides following advantages as listed below:</p> <ul style="list-style-type: none"> <li>• An integrated system that operates in (next to) real time, without relying on periodic updates.</li> <li>• A common database that supports all applications.</li> <li>• A consistent look and feel throughout each module.</li> <li>• Absolute control on Institute processes through 100 automation.</li> <li>• Enabled to facilitate Information access for Students, Teachers, Management.</li> <li>• 24X7 availability, anytime - anywhere.</li> <li>• Improved Communication among, Students, Teachers, Staff, and Administration.</li> </ul> <p>Following modules are currently operational</p> <p><b>Student Information Management:</b> All the details pertaining to student's qualification and personal information can be readily uploaded along with all the supporting documents at the time of admission. Also, the current academic status can be viewed any time if required.</p> <p><b>Student Attendance Management System:</b> Daily, weekly and fortnightly attendance of</p>

each individual student can be easily managed and monitored through Student AMS. Also, directly SMS can be delivered to student as well his/her parents if he/she is absent on a particular day. Academic Management: Syllabus Integration, Student Grouping, Time Slot Setting, Group wise subject Mapping, Subject wise mapping, Time Table Setup, Faculty wise time table setup, Course Wise Time Table. Student Examination: Subject wise Max marks setting, Faculty permission for marks entry, Examination Schema. Online Dashboard for Students: Unique ID for all students, Notice/ Circular, Academic Calendar, Module/ Subject Details (with sessions/ topic), Module/ Subject wise assignment, Sample Question, My Attendance, Faculty Feedback. Online Dashboard for Faculty Members/ HOD: Unique ID for all Faculty/HOD, Module Management. Academic Calendar, Upload Subject Details (with session plan), Presentation, Sample Question, Subject wise attendance/Internal Marks uploading. Online Dashboard for Management/Admin (MIS): Student MIS, Student Attendance, Academic Management, Student Examination Alumni: Alumni Registration, Alumni Permission, Alumni Login, Alumni Dashboard, Alumni Data Search, Alumni Profile Group Email Facility. Library Management System: New Book/Item Entry Form, Item Management, Item Binder, Book data verification, Fine Setting, Book Issue/Return, OPAC Search, Library Report like Author Wise, Subject Wise, Overdue Books, Shelf Wise, etc., Catalogue of books with ISBN, Author, Title, Publisher, Number of copies of a particular book, and any other customizable information.

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Academic programs offered are B. Tech. and MBA. All these programs are affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow. All the programs of the Institute strictly adhere to the syllabus designed by AKTU, Lucknow. As an affiliated Institution, we are not authorized to modify the

syllabus; we can adopt the curriculum overview provided by the AKTU, Lucknow. The requirement of subject wise teaching hours and course content is fulfilled as per guidelines. The time table and teaching schedules are prepared accordingly. Following records are maintained by respective subject faculty: topics covered date-wise, student attendance and internal assessment marks. Students maintain practical files and continuous assessment is being done for each experiment performed by a student. Monthly faculty meetings are conducted by director to track the syllabus coverage, attendance and performance in internal examinations. Academic activities namely Guest lecture, Industrial visits and the internship program are being held regularly for all the students in industry as well in Centre of Excellence set up at the Institute. The complete assessment of an individual student is done both internally as well as externally. Internal assessment comprises of three components viz. student attendance, teachers assessment (which includes assignments and quizzes) and class test. Each component carries respective weightage defined as per the ordinance of AKTU, Lucknow. Marks of class test are being assessed through three Internal Examinations conducted in a semester of a particular academic year. Also, internal assessments of all practical subjects are being done by conducting the internal practical examination and viva-voce. External assessment is being done by the University through end semester examination conducted both for theory as well as practical subjects. For all the practical examination, external faculty members (from different colleges) are being nominated by the University to conduct the examination of the students.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
<b>No Data Entered/Not Applicable !!!</b>					

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MBA	Nil	02/07/2018
BTech	ECE	02/07/2018
BTech	EEE	02/07/2018
BTech	ME	02/07/2018
BTech	CSE	02/07/2018
BTech	CE	02/07/2018
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#### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Computer Science and Engineering	23/07/2018
BTech	Civil Engineering	23/07/2018
BTech	Electrical and Electronics Engineering	23/07/2018
BTech	Electronics and Communication Engineering	23/07/2018

BTech	Mechanical Engineering	23/07/2018
MBA	Nil	23/07/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	50	0

### 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
PDP	23/07/2018	600
Soft Skills	20/08/2018	355
Aptitude	27/08/2018	225
Technical Skills	10/01/2019	40
Robotics Workshop	12/02/2019	40
IOT Machine Learning	18/03/2019	120
CAD Training	16/04/2019	60
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1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	CSE	179
BTech	CE	59
BTech	EEE	21
BTech	ECE	56
BTech	ME	78
MBA	Nil	59
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### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

Feedback Obtained
The college has a systematic process of collecting feedback from students. The feedback is collected online and generated through ERP. Every student is required to log into their account and answer five questions related to the performance of the teachers. Once the feedback is collected, it is analyzed by the Dean (Academic Administration) Office. There is an internal body in the



institute "Internal Quality Assurance Cell", which works closely with the feedback report produced by the Dean-AA Office. Then, this committee comes up with the unique method of implementing the insights for the overall development of the institution. All the insights are then collected, compiled and then distributed to the respective departments and then suitable action is taken by the head of departments. QUESTIONS FOR FEEDBACK S. No. Questions 1 Does the lecture start in time? 2 Is the lecture material well presented? 3 Presentation and Communication Skills of Teacher 4 Is the course progressing as per the lesson plan? 5 Does the teacher answer your queries?

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BTech	Civil Engineering	60	54	32
BTech	Electrical and Electronics Engineering	60	37	26
BTech	Electronics and Communication Engineering	60	84	62
BTech	Mechanical Engineering	180	94	70
BTech	Computer Science and Engineering	180	248	189
MBA	Master of Business Administration	60	74	59

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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1543	105	126	9	0

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
135	135	812	41	1	4

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The institute has an internal mentoring system where-in the faculty acts as a link between the students and the institution. Each class has two mentors and the students are almost equally divided amongst them. The college offers a highly-efficient mentoring system through which a group of 25-30 students are assigned to an individual faculty member at the commencement of the program. Mentors meet their students and guide them with their studies and extra-curricular activities and provide advice related to career guidance and personal problems. They also coordinate with the parents regarding the progress of the students. Mentors communicate with fellow faculty members and promote mentees at the time of difficulty to help them develop further in their areas of interest. They also give a detailed report of the mentoring system to the Head of the Department and Institute from time to time. There is an open hour given in the time-table where-in mentees can meet their mentors and seek their advice. The department arranges extra classes/remedial classes especially for the lateral entry students and the identified weak students. The department also arranges many workshops under various student chapters for the same purpose. Also the result of internal examinations as well as semester examination are duly analysed by respective faculty members and actions are initiated by the head of the departments. The department arranges parent teachers meeting at least once a semester for lower performing weak students to motivate them. The institute has well-developed English language lab where students can listen to tapes and use workbooks to improve their English, particularly spoken English in which they are weakest. Additionally extra classes like 'group discussion', 'personality development', 'seminar', 'soft-skill training classes', are incorporated in regular class routines of various semesters even if those are not part of standard course curriculum keeping in mind about the weak students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1648	135	1:12

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
135	135	29	27	26

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
<b>No Data Entered/Not Applicable !!!</b>			
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BTech	00	1st Year	12/05/2019	15/07/2019
BTech	00	2nd Year	12/05/2019	12/07/2019
BTech	00	3rd Year	12/05/2019	05/07/2019

BTech	00	4th Year	12/05/2019	01/07/2019
BTech	10	1st Year	12/05/2019	15/07/2019
BTech	10	2nd Year	12/05/2019	12/07/2019
BTech	10	3rd Year	12/05/2019	05/07/2019
BTech	10	4th Year	12/05/2019	01/07/2019
BTech	31	1st Year	12/05/2019	15/07/2019
BTech	31	2nd Year	12/05/2019	12/07/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Performance Assessment is an integral part of teaching and learning process. As a part of sound educational strategy, the institution is planning to adopt Centralized Continuous Internal Evaluation (CIE) System to assess all Orientation on Evaluation Process and also it is ensured that the students are aware of the evaluation process. Resources and practices followed at Institute level to ensure student centric learning and independent learning are as follows: 1) Classrooms: All Class rooms are equipped with LCD Projection Systems, LCD Screens, USB ports for Laptop connectivity, Audio Systems (in Seminar Rooms of each Department) and White Board. These facilities enhance lecture delivery and effective communication. 2) In all departments, faculty rooms are equipped with desktop computers, Laptops and all necessary resources such as Wi-Fi connectivity which is available free of cost throughout the campus. 3) Access to large number of online technical journals such as Springer, J-Gate, etc., to enhance the level of understanding. Availability of large number of text books, Reference books, Technical journals, Technical magazines etc. Central computing, LAN facilities, e-Library facilities help teachers and students in teaching learning process. 4) Minimum teaching load as per the University curriculum is planned and imparted for every subject per semester which is regularly monitored by Heads of each department. Lecture notes, Quizzes, Tutorial and Assignment sheets are distributed and discussed after each unit is covered in the class. 5) Faculty's performance is closely monitored by respective HODs and IQAC through periodic audit and feedback system 6) Academia-Industry Collaboration with various industries has helped in the establishment of various Centers of excellence. This encourages the faculty members to develop new experiments beyond syllabus. 7) Promotion of technological environment through various Departmental societies run by student mentors under the guidance of faculty members m) Students do projects in group under the guidance of a teacher. 8) Industrial visit and regular guest lectures by eminent experts from industry and academia are organized for the students so that they can interact with the people in the field and know the practical utilization of their knowledge.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic calendar prepared and adhered for conduct of Examination and other related matters Academic calendars are systems by which you define the landmark dates that drive much of the day-to-day business at the academic institution the academic calendar of the institution is prepared based on the Academic calendar of the University released for the complete year for both Odd and Even semester activities and prepare schedule accordingly The same is prepared and handed over to the students before the beginning of the Academic session after a brainstorming exercise with the management and the academia to schedule all activities for the students both in campus and off campus. The aim of preparing the academic calendar is to work out the number of teaching days as per the

requirement and Guidelines in any institution, schedule the various examinations both internal and external, various planned activities to include various seminars, both national and international, Guest Lectures, Industrial visits, sports fixtures The ITS Engineering College works in a very structured and organized manner to ensure that all activities are scheduled strictly as per the academic calendar and the no of teaching days are adequate for completion of the prescribed syllabus after taking out the number of days observed as holidays Schedules are prepared one semester in advance for the Invitation of the Guest speakers, planning of Industrial visits with proper fine tuning with the Companies. All the important days are celebrated with enthusiasm and the same is planned in the academic calendar for organizing various functions. This structured usage of the academic calendar makes all aware ie both students, faculty and the management of all activities taking place and planning well ahead to ensure adequate time availability for a well-planned semester/ year.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.itsengg.edu.in/naac-po-pso-co#2018-19>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
70	MBA	MBA	46	38	83
10	BTech	Computer Science and Engineering	173	135	78
40	BTech	Mechanical Engineering	125	90	72
31	BTech	Electronics and Communication Engineering	52	32	62
21	BTech	Electrical and Electronics Engineering	20	14	70
00	BTech	CivilEngineering	54	42	65

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.itsengg.edu.in/naac-student-satisfactory-survey#2018-19>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

### 3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	DST	25	25
<a href="#">View Uploaded File</a>				

### 3.2 – Innovation Ecosystem

#### 3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Entrepreneurship Development Program	Entrepreneurship Development Cell	15/10/2018
Faculty Development Program	Entrepreneurship Development Cell	16/01/2019
WEDP	Entrepreneurship Development Cell	12/11/2018

#### 3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
<b>No Data Entered/Not Applicable !!!</b>				
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#### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
<b>No Data Entered/Not Applicable !!!</b>					
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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NOTAPPLICABLE	0

#### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ECE	8	0.5
International	CSE	3	0
International	EEE	2	0
International	ME	1	1.34
International	CE	2	2.17
International	ASH	6	2.78

National	MBA	1	0
International	MBA	1	7.36
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
ASH	7
ECE	5
MBA	11
CSE	2
<a href="#">View Uploaded File</a>	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
A Comparative Study of Mohand and Kamal Transforms	Renu Chaudhary	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	2019	29	YES	0
A Comparative Study of Mohand and Laplace Transforms	Renu Chaudhary	JETIR	2018	29	YES	20
Analysis self similarity of fractal models using K-Mean clustering technique	Sandeep kumar	JARDCS	2018	1	YES	1
An investigation on the mechanical and thermal performance of a novel functionally graded materials based thermoplastic	Akant Kumar Singh,	Journal of Thermoplastic Composite Materials	2018	1	YES	1

composites						
Bhatia-T hornton fl uctuations , transport and ordering in partially ordered Al-Cu alloys	Ruchi Sh rivastava	Journal of Statist ical Mechanics: Theory and Experiment	2019	36	YES	0
Experime ntal Validation of Minimax Entropy Principle in Ultrasound Images	Dr Leena Arya	Internat ional Journal of Recent Advances in Electrical Electronic Engineerin g	2019	1	YES	1
Statisti cal Modelling of Interfe rence for Molecular Nano-Commu nication	Nitin Kathuria	2018 Int ernational Conference on Sustain able Energy, El ectronics, and Computing Systems (SEEMS)	2018	1	YES	8
Novel op timization technique to charge E-rickshaw battery using single sensor based MPPT of SPV module	Noorul Islam	Journal of Intelli gent Fuzzy Systems	2018	1	YES	1
<a href="#">View Uploaded File</a>						

### 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Novel op timization	Noorul Islam	Novel op timization	2018	34	1	ITS Engi neering

technique to charge E-rickshaw battery using single sensor based MPPT of SPV module		technique to charge E-rickshaw battery using single sensor based MPPT of SPV module				College
An investigation on the mechanical and thermal performance of a novel functionally graded materials based thermoplastic composites	Akant Kumar Singh	Journal of Thermoplastic Composite Materials	2018	39	1	ITS Engineering College

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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	12	17	4	12
Presented papers	4	9	0	0
Resource persons	0	0	0	0

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### 3.4 – Extension Activities

#### 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation Camp	Rotary Club Ghaziabad	60	360
Dental Checkup Camp in villages	ITS DENTAL COLLEGE, GREATER NOIDA	7	30

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#### 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
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NIL	NIL	NIL	0
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Gender Issue	Internal Complain Committee	Self Defense Program	2	120
Health and Awareness	Internal Complain Committee	Stress Management	1	243
Tree Plantation	Vedrana Foundation	Tree Plantation	2	264
Health and Awareness	ITS Dental College Greater Noida	Dental Awareness	4	280
Swachh Bharat Abhiyan	Vedrana Foundation	Swachh Bharat Abhiyan	3	340
<a href="#">View File</a>				

### 3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NA	00	NA	00
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
See Annexure	See Annexure	See Annexure	01/05/2019	30/07/2019	See Annexure
<a href="#">View File</a>					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Hunan University, China	16/07/2018	Academic Collaboration	0
Jagmag Lights	22/04/2019	Research Incubation	0

Airwaves Projects Pvt Lt.	10/05/2019	Research Incubation	0
Theme Solar Systems	25/06/2019	Research Incubation	0
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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
94.5	83

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Others	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
<a href="#">View File</a>	

### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Alice Windoe	Fully	6	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	56796	10206897	728	224100	57524	10430997
Reference Books	3248	705132	29	7250	3277	712382
e-Books	264	0	41	0	305	0
Journals	66	139640	0	0	66	139640
e-Journals	0	0	0	0	0	0
Digital Database	0	0	0	0	0	0

CD & Video	2660	0	45	0	2705	0
Library Automation	1	81900	0	0	1	81900
Weeding (hard & soft)	0	0	0	0	0	0
Others(s pecify)	26	49771	0	0	26	49771
<a href="#">View File</a>						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	680	502	1	80	422	42	120	50	16
Added	0	0	0	0	0	2	0	20	4
<b>Total</b>	<b>680</b>	<b>502</b>	<b>1</b>	<b>80</b>	<b>422</b>	<b>44</b>	<b>120</b>	<b>70</b>	<b>20</b>

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

70 MBPS/ GBPS
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4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
0	<a href="#">0</a>

#### 4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
11	966000	101	9435000

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

<ul style="list-style-type: none"> <li>The institution is having a Complaint Management Software (CMS). The entire stake holders are being provided with a login id to access the software.</li> <li>In</li> </ul>
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case of any breakdown, a complaint is raised by the user on the Complaint Management Software. • The Complaint is automatically assigned to resolver depending upon the nature of complaint. • Turn-Around-Time (TAT) to resolve any complaint is maximum 02 days. However every Complaint is attended and resolved as soon as possible. • If the complaint is not resolved within the Turn-Around-Time (TAT) duration then it is automatically escalated to the higher authorities as per the escalation matrix shown below: Escalation Matrix Level Particular Level I Resolver Level II Admin officer Level III Director-Admin • The institution has an in house team to manage repair maintenance work. • The Complaint is categorized as per following categories. 1. IT Services 2. Accounts 3. Administration 4. Hostel 5. HR 6. House-Keeping/Maintenance 7. Internal Complaint Committee (ICC) 8. Library 9. Registrar Office 10. Departments 11. Laboratory Equipment's

<https://www.itsengg.edu.in/naac-procedures-policies#2018-19>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship offered by the Institution based on PCM	91	5035000
Financial Support from Other Sources			
a) National	PMSSS Scholarship	19	1930400
b) International	Nil	0	0
<a href="#">View File</a>			

#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yog Prashikshan Shivir	17/09/2018	90	Vedaarna Foundation
World Yoga Day	21/06/2019	84	Vedaarna Foundation
Soft Skills Development	09/02/2019	240	Training Department
Language Improvement Session	04/10/2018	211	Training Department
Aptitude and Reasoning	18/11/2018	175	Training Department
Technical Skills	03/12/2018	155	Center for Excellence
<a href="#">View File</a>			

#### 5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited	Number of benefited	Number of students who	Number of students placed

		students for competitive examination	students by career counseling activities	have passed in the comp. exam	
2018	PERSONALITY DEVELOPMENT	17	100	1	44
2019	GATE CLASSES	234	114	4	42
<a href="#">View File</a>					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	2

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
I.T.S Engg College	3136	234	I.T.S Engg College	367	116
<a href="#">View File</a>					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	0	0	0	0	0
<a href="#">View File</a>					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	2
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Udghosh, 19	Inter house	304
<a href="#">View File</a>		

## 5.3 – Student Participation and Activities

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

Year	Name of the	National/	Number of	Number of	Student ID	Name of the
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	award/medal	Internaional	awards for Sports	awards for Cultural	number	student
2018	AKTU Zonal Gold Medal	National	1	0	1522210122	Payal Singh
2018	AKTU Zonal Siver Medal	National	1	0	1522210143	Sheel Vardhan
2018	AKTU Zonal Gold Medal	National	1	0	1522210143	Sheel Vardhan

[View File](#)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

ITS 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. • They work as a medium between faculty and students. 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 Each committee/society is headed by a faculty member with student coordinators. The coordinators of each committee/ society exercise admin control on the students for active participation in all the events organized at intra-collegiate and inter-collegiate level. It is the responsibility of the Faculty coordinators to ensure that all the student members do get attendance for the duration of their participation in all events by sending their names to the respective departmental HODs. In addition, every department has constituted a professional society/committee which is responsible for conducting various technical/non-technical events. Each departmental society/committee is being headed by the faculty member of the department with students holding various posts like President, Vice-President, Secretary and Treasurer. The various departmental societies/students activity clubs are known by 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) Student Head Coordinators of the above stated professional societies/students activity clubs also exercise admin control and project their budgetary requirements, accordingly. Sports activities in the college are administratively coordinated by the Sports Committee headed by sports secretary and he is formally supported by Physical Trainer and Instructor (PTI) and student members selected as Captains and Vice Captains (both boys and girls separately). All the students of the institute are grouped into four houses at the time of admission and for the next four years they will be representing

their respective houses in various events held in the institute during the year. These houses signify the elements of earth namely AGNI (Orange Color), VAYU (Red Color), SALIL (Yellow Color) and Vyom (Blue Color). All the events and activities are organized by the heads of the different committees/societies under the able guidance of Dean Students Welfare.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

245

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Decentralization Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. Participative management The institute promotes a culture of participative management by involving the staff and students in various activities. All decisions of the institution are governed by management of facts, information and objectives. Both students and faculties are allowed to express themselves to improve the excellence in any aspect of the Institute. Strategic Level • Director, HODs, Faculty and Staff members are involved in defining the policies and procedures, framing guidelines and rules and regulations pertaining to admission, placement, discipline, grievance, counseling, training and development, and library services etc., and effectively implementing the same to ensure smooth and systematic functioning of the institute. • For the various programs to be conducted by the institute all the staff members will meet, discuss, share their opinion and plan for the event and form various committees involving students and coordinate with other faculties. • Faculty members are also involved in deciding academic activities and examinations to be conducted by the college. Functional Level • At functional level the faculty members participate in sharing the knowledge by discussing the latest trends in technology during faculty meeting. • Research center is managed by the efforts of faculty members. • Faculty members organize and participate actively in various conventions/conferences/workshops/FDPs. • Faculty members also write joint research papers and share their knowledge. Operational level • Director of the institution is responsible for academic, non-academic and administrative activities of the institution. • On behalf of the institution, he interacts and corresponds with Affiliating University, etc., • The budget is ear-marked for staff members and students to participate in various programs organized by the institute. • Office staff is involved in executing day to day support services for both students and faculties. Academic Committee Academic Committee is meant for smooth conduction of academics in the Institute. This committee is headed by the Director who works with HODs and subject in-charges. Role of academic committee: • Academic committee monitors



the teaching learning process. It prepares the academic calendar of the institute that includes curricular, co-curricular, extracurricular activities.

- Academic calendar is meticulously planned and prepared in advance by HODs and ensures the proper implementation of the academic calendar.
- HODs are responsible for confirmation and observation of academic activities. They also confirm about the audit process of the department and gives input to IQAC.
- Subject in-charge ensures about the smooth conduction of practical and theory classes.
- Subject in-charge gives feedback to HODs regarding conduction of extra classes for the academically weak students.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	<ul style="list-style-type: none"> <li>• Admission of students is being done as per the AKTU, Lucknow norms.</li> </ul>
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• The college has interface with the industry at various levels which includes the following: ? Industrial/Summer Training of students. ? Student projects sponsored by the industry. ? Industrial visits. ? Campus placements ? State-of-the-art Centre of Excellence in collaboration with eminent multinational companies for providing summer training to students. ? Some of the students are encouraged to do projects with the industry. ? Objective of the placement cell is to place the students in good companies. ? This is by providing students to be trained in aptitude, technical and soft skills, much ahead of campus selections.</li> </ul>
Human Resource Management	<ul style="list-style-type: none"> <li>• The college has well-documented procedure for the recruitment, training, development, motivation and appraisal of the entire faculty and the staff members.</li> <li>• The institute has the well-defined policy to obtain the high quality human resources for academic and non-academic activities.</li> <li>• The College has a well-defined and detailed recruitment policy.</li> <li>• The interview board consists of the chairman of Board of Governors, Director, Dean Academics, Concerned HoD, one specialist in the field and one nominee of AKTU, Lucknow.</li> </ul>
Library, ICT and Physical Infrastructure / Instrumentation	<ul style="list-style-type: none"> <li>• The institute has completely automated library with subscription to National and International journals, e-journals and magazines for intellectual pursuits.</li> <li>• Computerized with Alice for</li> </ul>



Windows Software. • Distinctive characteristic of Book Bank facilities provides requisite books for all subjects to each student as per the requirements in each semester. • There are five seminar halls well equipped with latest audio-visual technology state-of-the art auditorium which can accommodate up to 1500 students an open Amphitheatre which hosts Intra and Inter college events round the year making teaching more interactive. • Web based learning, live simulation exercise and project work make learning process more effective and enjoyable.

Research and Development

• 15 Days paid study leave in a financial year is provided by the institute to the Faculty members involved in pursuing higher studies. • The institute has laid down definite plans to encourage faculty to do research, write articles in journals and magazines, submit papers in workshop and conferences etc. • Towards this the institute has framed various schemes for faculty in terms of financial incentives, awards, provision of study leaves etc. • These would be strengthened further so that faculty has enough time at its disposal to conduct research and publish the outcomes.

Examination and Evaluation

• Evaluation of marks is contingent upon internal marks from continuous assessment test and external marks scored in End Semester Examination. • Continuous Assessment Tests (Sessional Tests) are conducted by the Examination Cell of the College and End Semester Examination by the affiliating University (AKTU). • Marks in the continuous assessment/internal assessment and End Semester Examinations are accounted for in the final results. • Mentor system is practiced to monitor the progress of the students throughout the program.

Teaching and Learning

Establishment of the course plan for every subject well before the commencement of each semester along with the course handouts which are made available to all students on the start of the academic year. • Teacher's study materials are shared with students. • Organizing conferences, seminars, workshops, faculty development programs and guest lectures. • Deputation of

	<p>students and faculty for conferences, seminars and workshops • Internal tests are being conducted on a routine basis.</p> <ul style="list-style-type: none"> <li>• Organizing student seminars on recent trends and developments in respective subjects.</li> </ul>
Curriculum Development	<p>The institution is affiliated to AKTU, Lucknow, U.P. Any changes/up gradation in the curriculum is totally handled by the University. Special efforts are made by institute to facilitate effective curriculum delivery:</p> <ul style="list-style-type: none"> <li>• Detailed Lesson Plan and related course materials are prepared by the faculty members.</li> <li>• Modern teaching aids are provided in every classroom.</li> <li>• Attendance is monitored by HODs through Academic Daily Report (ADR) and Academic Weekly Report (AWR).</li> <li>• Regular meetings are conducted by the HOD to discuss about course coverage.</li> <li>• Various COEs are set up by the institute for effective curriculum delivery to provide an opportunity to students to get industry relevant trainings and competence building beyond curriculum.</li> </ul>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>The MIS modules of the Institute help in planning academic activities which includes time-table creation, uploading of session and lecture plan, attendance monitoring and students feedback. This MIS helps in distributing students in batches through batch management, subject allocation to all the faculty members, course wise room allocation.</p> <p>It allows students to select choice based electives. The MIS has inbuilt students and employee grievance module which helps in overall development of the Institute.</p>
Administration	<p>HR One module of the institute helps in keeping service records of all the employees maintaining service books, promotion records, seniority etc. and their total emoluments and the records of their provident fund.</p>
Finance and Accounts	<p>Functions of the finance and accounts are precisely defined and are strictly followed with proper accounting practices making record of each financial transactions using e-governance mechanism. This has helped</p>

	in keeping records of receipt of funds, projects, consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes.
Student Admission and Support	Students who are desirous in taking admission in UG/PG program of the institute are required to make formal application online on institute's MIS by registering themselves. The data collected through this process is further used for making merit list and preparing final admission list of the eligible candidates. It also facilitates online payment of the required fees.
Examination	MIS of the institute has well defined modules for collecting the data related to marks of continues evaluation, sessional test, end semester marks and collection of question papers. Appointment of external examiners is being done by the Affiliating University.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	NA	NA	NA	0
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Stress Management Life balance	Stress Management Life balance	26/10/2018	26/10/2019	30	39
2019	Emotional Intelligence Interpersonal Skills	Emotional Intelligence Interpersonal Skills	12/01/2019	12/01/2019	42	33

2019	Self Analysis and Self Development	Self Analysis and Self Development	25/01/2019	25/01/2019	25	47
2019	Professionalism, Enthusiasm Attitude	Professionalism, Enthusiasm Attitude	09/02/2019	09/02/2019	35	49
<a href="#">View File</a>						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
AI DEEP LEARNING	2	17/09/2018	19/09/2018	3
CYBER SECURITY WORKSHOP	14	28/09/2018	29/09/2018	2
Optical communication Networking	2	29/11/2018	03/12/2018	5
Recent Trends in Electronic Circuits and Systems	30	09/07/2018	13/07/2018	5
ADVANCEMENT IN MANUFACTURING OF COMPOSITE MATERIALS AND THEIR MECHANICAL AND TRIBOLOGICAL ASPECTS	5	21/01/2019	25/01/2019	5
RECENT TRENDS IN ELECTRIC CIRCUITS AND SYSTEMS	6	07/09/2018	13/09/2018	7
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
135	0	83	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Leave Encashment, EPF, Gratuity, Group Medical	Leave Encashment, Maternity Benefits, Group	Rewards and recognition to all the meritorious

Insurance, LTC, Dental Treatment policy for self and family members, Maternity benefit, Provision to take advance in lieu of salary, Academic Leave for 15 days.	Medical Insurance, LTC, Dental Treatment policy for self and family members, Reimbursement of Tuition Fee of their children, Uniform.	and performing students who gives good results in academics and attendance, Medical insurance.
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#### 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

**INTERNAL AUDIT:** The Institution 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 follows suitable auditing standards. Reconciliation of fees is done on half yearly basis and verified by internal auditor. Verification of payroll is done by internal auditor. **EXTERNAL AUDIT:** External audit is also conducted by auditors M/s. D.C. Garg Co., Ghaziabad and they conduct the audit twice a year. Auditors conduct the official scrutiny of accounts by going through routine college fee collections, bank payments and receipts, cash payments and receipts, undertake verification of bills and payment vouchers. Auditors further verify the TDS return, PF and ESI return to ensure timely deposit of TDS, PF and ESI and timely submission of TDS, PF and ESI Returns. Thereafter Auditors submit their report on the basis of their finding during the course of the audit. All the recommendation, as suggested by the Auditors in their report, is taken care.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Funds recd from Parent Society Named Durga Charitable Society	17173000	For Routine Expenses
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

0
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#### 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	AKTU, Luckhnow	Yes	Managment, Director
Administrative	Yes	AKTU, Luckhnow	Yes	Managment, Director

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Continuous counseling, short attendance monitoring and communication of the same to parents/guardian are regularly done to ensure that the students enrolled should meet the required attendance criterion to appear in the end

semester examination without fail. 2. In this regard, short attendance and detainment letter from sessional tests are being regularly sent to parents.

Also, the same is being informed by respective mentors telephonically to parents. Parents and local guardians are invited to the college and discuss the necessary action to be implemented for the progress of the student. 3.

Communications regarding student's performance to the parents is done on regular basis by the mentors through following ways: (i) Display on the notice board (ii) performance reports send to the parents (ii) parents teachers Interaction (iv) feedback from parents is collected from time to time.

6.5.3 – Development programmes for support staff (at least three)

1. Personality Development Program 2. Happiness Class 3. Fire Fighting Training

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1) Motivating Faculty Members to publish quality research papers in reputed International Journals 2) To maximize Industry Institute Interaction 3) Hands on experience both for students and staff members 4) Faculty members and students to take up online courses. 5) Initiative for start-up. 6) Awareness about new technologies.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Nil
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	IQAC meeting	27/10/2018	22/10/2018	27/10/2018	17
2019	IQAC meeting	18/01/2019	14/01/2019	18/01/2019	17
2019	IQAC meeting	26/04/2019	18/04/2019	26/04/2019	17
2018	Academic Audit has been done in their prescribed format	21/08/2018	17/08/2018	20/08/2018	89
2018	Academic Audit has been done in their prescribed format	13/11/2018	08/11/2018	10/11/2018	102
2019	Academic Audit has been done in their prescribed format	31/01/2019	28/01/2019	30/01/2019	108

2019	Academic Audit has been done in their prescribed format	08/04/2019	04/04/2019	08/04/2019	120
2018	Symposium on "Innovative Techniques of Teaching	13/10/2018	13/10/2018	13/10/2018	63
<a href="#">View File</a>					

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Poster Making Competition on 'Women in Science' on International Women Day	07/09/2018	07/09/2018	39	350
Beti Padhao Beti Bachao	04/03/2019	04/03/2019	45	390

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p>Percentage of power requirement of the College met by the renewable energy sources is 15 obtained by installing Photo-Voltaic modules on the rooftops of the Institute building. The Institute makes every effort to integrate cross cutting issues as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum. Every year a plantation drive is done in the campus. Specific colour dustbins are installed at various locations for different type of waste and cleanliness is maintained. Continuous efforts are made to switch off lights and fans when not in use, to save energy. It is being displayed at every critical point in the Institute. The Institute has installed solar panels for supplementing the need of power supply to the hostel. Cleanliness drive is organized to create awareness and motivation among students to keep the environment clean.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	3
Ramp/Rails	Yes	2
Braille Software/facilities	No	0

Rest Rooms	Yes	1
Scribes for examination	No	0
Special skill development for differently abled students	No	0

#### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	2	02/10/2018	1	Swachhata Aviyan	Urban and Rural area	340
2019	2	2	24/01/2019	1	To Drug and Tobacco	In Campus and Local Area	101
2019	2	2	13/02/2019	1	Stress Management	Educational Person	243

[View File](#)

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Human Value Professional Ethics	20/06/2019	<p>This need for value based education has been repeatedly highlighted by various commissions and expert committees on education. The scope of education is to understand ones purposefulness or goal, both as an individual, as well as a society.</p> <p>Education should facilitate students to have the understanding, commitment, competence and the practice of living with definite Human conduct and to participate in the development of a humane society. Human education must enable the student to (i) develop right understanding by sharing the understanding of what</p>



to do (value education)  
(ii) develop right skills by teaching how to do (technical education)  
(iii) practice right living during the period of education.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Kalam Ki Khanai Aapki Jubaanai	27/07/2018	27/07/2018	65
World Ozone Day	14/09/2018	14/09/2018	214
World Tourism Day Stalls Exhibition Cultural Performances	27/09/2018	27/09/2018	189
World Heart Day Check up Camp	29/09/2018	29/09/2018	245
World Nature Day	03/10/2018	03/10/2018	130
World Food Day	16/10/2018	16/10/2018	210
International Womens Day	08/03/2019	08/03/2019	156
World Health Day	05/04/2019	05/04/2019	140
<a href="#">View File</a>			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Plantation Drive
No Plastic Campus
Green landscaping with trees and plants
Students participate in campaigns like "Adopt a tree"
Awareness about Deforestation
Conserve native species of plants and trees

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

**BEST PRACTICE I** 1. Title of the Practice: Faculty up gradation for imparting Quality Teaching. 2. Goal: The Institute organizes faculty development programs (FDPs), seminars, workshops etc. for all the faculty members in order to achieve the following: (i) To enhance and upgrade knowledge and skills of faculty members. (ii) To promote research work in their field of specialization. (iii) To bring innovation and creativity in teaching learning process. (iv) To develop sensitization towards environment and other social issues. 3. The Context: Generally, such type of activities is being held for the faculty members every year. 4. The Practice: Financial support provided by the institute to all the faculty members who are willing to participate in FDPs/Workshops/Seminars. Also, best publication award is being presented to faculty members who publish their research in reputed journals. 5. Evidence of Success: Most of the faculty members of the institute get motivated and they show their willingness to attend and organize FDPs, Seminars, Workshops,

Conferences and they also concentrate on publishing their research work in proceedings and journals of repute. 6. Problems Encountered and Resources Required: Lack of proper fund for doing research and non-availability of sophisticated equipment's. BEST PRACTICE II 1. Title of the Practice: Student Improvement Program. 2. Goal: The Institute provides various initiatives for improving the academic performance of the weak students. 3. The Context: Generally, remedial classes are being held for the weak students in every semester. 4. The Practice: Mentorship program involves problem solving, doubt clearing and topic teaching. Each section consists of two groups with two mentors having equal number of students in each group. Every week two hours are being provided for counseling, doubt clearing and motivating students. Also, performance improvement award is given to students. 5. Evidence of Success: The overall quality improvement is evident from the high class averages and a large number of students securing good marks. 6. Problems Encountered and Resources Required: As a whole the overall system is well planned and the resources are available in college. There may be problem with the students on their personal issues, which can be solved by proper counseling by the faculty coordinators.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.itsengg.edu.in/naac-best-practices#2018-19>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The institute geared up for providing inspiring learning experience to its students. The academic requirements like attendance policy, adherence to teaching schedules, and syllabus completion as per timeline and student performance in examinations were effectively planned, implemented and audited. Vision of the Institution is, to aspire for the welfare of society through excellence in science and technology. Institution consistently inspires students and provides platform for technical skill development, multidisciplinary project development, Entrepreneurship development, Ethical and Human value development. With the trust of academic and technical excellence, Institution motivates and support students to participate in various competitions. Students learn ethics, team building, technical skills, presentation skills, project management and financial management. They also experience their physical strength, healthy competition environment and global standards by participating in globally recognized competitions. Institution not only encourages students to participate but also provides financial support. • Pedagogy for better teaching-learning process. • Institute-Industry Interaction. • Spiritual and Moral Training through team-work. • Daily bhajans in temple in college campus. • Celebration of religious festivals like Navaratri and Mata ki Chowki.

Provide the weblink of the institution

<https://www.itsengg.edu.in/naac-poi#2018-19>

### 8.Future Plans of Actions for Next Academic Year

• Continuing with the tradition of striving for excellence, the Academic Calendar should be modified showing all the activities to be held in a session. • More guest lectures, industrial interaction and industrial visits must be scheduled to bridge the gap between classroom teaching and industrial requirements. • Social Outreach activities like blood donation camps, plantation drives, environment awareness events etc. to be organized. • More number of pre-placement activities is to be conducted for the final year students to help them optimally utilize the benefits of placement opportunities. • To implement the

curriculum in a more effective manner, it is planned to follow new formats for lesson plan and evaluation. • Keeping in mind the environment, the use of paper for reporting and record keeping is minimized through recycle-reuse-reduce solution for various processes.