



## Yearly Status Report - 2017-2018

### 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. P.K. Shukla
Phone no/Alternate Phone no.	01202331010
Mobile no.	6396750156
Registered Email	diroff.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#2016-17">https://www.itsengg.edu.in/naac-aqar#2016-17</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#2017-18">https://www.itsengg.edu.in/naac-academic-calendar#2017-18</a>

### 5. Accreditation Details

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

### 6. Date of Establishment of IQAC

03-Jan-2014

### 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
A Seminar on Internal Quality Assurance - Enhancing Quality Culture in Higher Education	17-Oct-2017 01	25

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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
Entrepreneurship Development Cell	DST NIMAT Project	EDII, Ahmadabad	2017 365	100000
Entrepreneurship Development Cell	DST NIMAT Project	EDII, Ahmadabad	2017 365	250000

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

**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 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 programs

Monitoring of the teaching learning and evaluation processes

Conduct 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 students should get enrolled in NPTEL courses	Help students in learning new subjects beyond their curriculum
Up-gradation of existing computers in laboratories with higher configuration and necessary software	Help students in learning new technologies
Motivating teachers to participate in refresher courses, seminars and workshops	Improved teaching learning process
Provision for conduct 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
Technology based Internship for students	Student Internship reports were judged by industry mentors
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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Governing Board	25-Sep-2017

**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

2018

Date of Submission

28-Feb-2018

**17. Does the Institution have Management Information System ?**

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Yes, the Institute provides ERP system in all departments/Sections which enable to store student related information, which enhances decision making for taking routine decisions related to students development and progress in the class. The ERP is having SMS and email integration and provides following advantages as listed below:

- Student Information Management
- Student Attendance Management System
- Academic Management
- Student Examination
- Online Dashboard for Students
- Online Dashboard for Faculty Members / HOD
- Online Dashboard for Management / Admin
- Alumni Management
- Library Management System
- Hostel Management System

The institute wise 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 also exists.

## 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., M. 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 HOD/Dean Academics and Administration 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 the industry as well in the Center 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 three components viz. student attendance, teachers assessment (which includes assignments and quizzes) and class test. Each component carries

respective weight-age 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 examinations 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
A Certificate Course on Virtual Instrumentation	NOT APPLICABLE	08/01/2018	05	YES	YES

### 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
MBA	HR, FINANCE, MARKETING	01/07/2017
BTech	CE	01/07/2017
BTech	ME	01/07/2017
BTech	EEE	01/07/2017
BTech	ECE	01/07/2017
BTech	CSE	01/07/2017

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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	CSE	24/07/2017
BTech	CE	24/07/2017
BTech	ME	24/07/2017
BTech	ECE	24/07/2017
BTech	EEE	24/07/2017
MBA	HR, FINANCE, MARKETING	24/07/2017

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

	Certificate	Diploma Course
Number of Students	35	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
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Soft Skills	24/07/2017	475
PDP	24/07/2017	380
Aptitude	24/07/2017	350
Technical Skills	07/08/2017	40
Robotics Workshop	09/10/2017	65
<a href="#">View File</a>		

### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	ECE	51
BTech	EEE	20
BTech	CSE	165
BTech	ME	171
BTech	CE	63
MBA	HR, MARKETING, FINANCE	28
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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
<p>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 ten 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.</p>

## 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
MBA	Master of Business	60	86	46

	Administration			
BTech	Computer Science and Engineering	180	229	183
BTech	Mechanical Engineering	180	92	55
BTech	Electronics and Communication Engineering	60	78	59
BTech	Electrical and Electronics Engineering	60	31	20
BTech	Civil Engineering	60	52	31
<a href="#">View File</a>				

## 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
2017	1627	77	139	10	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
149	149	680	41	1	3

[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 performs the following functions:

- 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.
- Mentors coordinate with the mentees' parents regarding the progress of the students.
- Mentors also keep track of the mentees' performance during the complete semester.
- Mentors communicate with fellow faculty members and promote mentees at the time of difficulty to help them develop further in their areas of interest.
- Mentor also gives 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 of each Department, where-in mentees can meet their mentors and seek their advice. Apart from this, the department arranges extra classes/remedial classes especially for the lateral entry students and the identified weak students of various subjects. The department also arranges many workshops under various student chapters for the same purpose. Also the results, both internal as well as external examinations of all semesters are duly analyzed by respective faculty members and actions are initiated by the head of the departments along with the coordination



with Dean Academics and Administration and Director. The department arranges parent teachers meeting at least once a semester for all the students to appreciate the highly performing students and to motivate lower performing students. The institute has well-developed English language lab where students can improve their communication skill and the institute provides well trained trainers for soft skill development, personality development and aptitude classes. 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 the mind the weak students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1704	149	1 : 20

## 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
149	149	46	42	27

### 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	31	2nd Year	25/05/2018	14/07/2018
BTech	31	1st Year	25/05/2018	15/07/2018
BTech	10	4th Year	25/05/2018	25/06/2018
BTech	10	3rd Year	25/05/2018	07/07/2018
BTech	10	2nd Year	25/05/2018	14/07/2018
BTech	10	1st Year	25/05/2018	15/07/2018
BTech	00	4th Year	25/05/2018	25/06/2018
BTech	00	3rd Year	25/05/2018	07/07/2018
BTech	00	2nd Year	25/05/2018	14/07/2018
BTech	00	1st Year	25/05/2018	15/07/2018

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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 the 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 a large number of online technical journals such as Springer, J-Gate, etc., to enhance the level of understanding. Availability of a 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) The required number of hours for teaching, based on the credit of each subject is planned and imparted per semester which is monitored by Heads of each department. Lecture notes are distributed and discussed after each unit is covered in the class. 5) Faculty 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 techno-cultural environment through various Departmental societies run by student mentors under the guidance of faculty members. 8) Industrial visits 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. 9) Lecture notes, Power Point Presentations (PPTs), Question Bank, Tutorial sheets are distributed/discussed after completion of each Units in the class also uploaded in the student ERP portal. 10) The institute has an integrated internal mentoring system. 11) Students do projects in groups under the guidance of a teacher.

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

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 commencement 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, planned activities includes conduction dates of various seminars, both national and international, guest lectures, industrial visits, sports fixtures, cultural and literary events, etc. I.T.S 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 number 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 inviting guest speakers, planning of industrial visits with proper fine tuning with the companies. All 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 i.e. 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#2017-18>

### 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	39	25	64
10	BTech	Computer Science and Engineering	97	74	76
40	BTech	Mechanical Engineering	167	121	72
31	BTech	Electronics and Communication Engineering	58	46	79
21	BTech	Electrical and Electronics Engineering	55	32	58
0	BTech	Civil Engineering	40	28	70

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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#2017-18>

## 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	MSME	22	7

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### 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
Faculty Development Program	Entrepreneurship Development Cell	12/12/2017
World Copyright Day IPR	Entrepreneurship	18/04/2018

Day	Development Cell
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### 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
Rice Threshing Machine	Innovative Machinerics	Dr. A.P.J.Abdul Kalam Memorial Startup Challenge 2017	27/07/2017	Innovation
<a href="#">View File</a>				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
EDC	Nikhil Singhal	ITS Engineering College	Founder CEO, Acapella Innovation Pvt. Ltd.	Software	01/05/2018
EDC	Vikash Kumar	ITS Engineering College	Indresh Enterprises Pvt. Ltd.	Whole Sale	20/06/2018
EDC	Anmol Aman	ITS Engineering College	Founder CEO, RES Ltd.	Manufacturing	01/09/2017
EDC	Sudhanshu Ranjan	ITS Engineering College	Innovative Machinerics Agro India Pvt. Ltd.	Online Market	15/09/2017
EDC	Ravi Kant Pandey	ITS Engineering College	COO, Student Stop	Service	15/09/2017
EDC	Punit Mirchandani	ITS Engineering College	Managing Director, Golden Leaf Events	Computing Machinery	05/02/2018
<a href="#">View File</a>					

### 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
NOT APPLICABLE	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)
National	CSE	2	.08
International	CSE	6	1.92

International	EEE	2	0
International	ASH	6	1.47
National	ASH	1	0
International	MBA	2	0
International	ECE	11	0.26
National	ECE	1	0
International	ME	2	1.75
<a href="#">View File</a>			

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
ECE	10
ASH	4
<a href="#">View 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
Analysis of Techniques and Methods for Automated EEG signal for Epilepsy Diagnosis: A Review	Sachin Goel	International Journal of Computer Sciences and Engineering	2017	0	YES	0
Security in Wireless Network	Mukesh Kumar Jha, Santosh Ray	ITSEC international journal of engineering sciences	2018	0	YES	0
Cryptanalysis and An Efficient More Secure Authentication Scheme with Provable Security and User Anonymity using	Ajay Sahoo, Ashish Kumar	International Journal of Security and Privacy, Wiley publications	2017	0	YES	0

Smart Card						
Analysing the Effects of Mobility Model on QoS in MANET	Amit Garg, Ashish Kumar, Amit Chaturvedi	International Journal of Computer Applications	2017	0	YES	0
<a href="#">View 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
PVDF-HFP and 1-ethyl-3-methylimidazolium thiocyanate-doped polymer electrolyte for efficient supercapacitors	Dr. P.K. Shukla	High Performance Polymers	2018	35	0	YES
Studies on multiferroic oxide-doped PVA-based nano composite gel polymer electrolyte system for electrochemical device application	Dr. P.K. Shukla	High Performance Polymers	2018	44	370	YES
Examination of FDTD Microstrip Antenna	Dr. Monika Bhatnagar	ITSEC International Journal of Engineering Sciences	2018	0	0	YES
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	26	2	3	9
Presented papers	10	5	2	0

Resource persons	2	0	1	3
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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	300
Dental Checkup Camp in villages	ITS DENTAL COLLEGE, GREATER NOIDA	5	25
<a href="#">View File</a>			

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
NIL	NIL	NIL	0
No file uploaded.			

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	104
Health and Awareness	Internal Complain Committee	Stress Management Prevention	1	217
Swachh Bharat Abhiyan	Vedrarna Foundation	Swachh Bharat Abhiyan	3	251
Tree Plantation	Vedrarna Foundation	Tree Plantation	2	107
Health and Awareness	Surya Hospital, Greater Noida I.T.S Engineering College, Greater Noida	Nutrition Education	3	203
Blood Donation	Rotary Club Ghaziabad	Blood Donation Camp	60	300
Dental Checkup	ITS DENTAL COLLEGE, GREATER NOIDA	Dental Checkup Camp in villages	5	25
<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
NIL	00	NIL	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	15/06/2018	15/08/2018	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	15/05/2017	Academic Collaboration	0
RSystem International Ltd	09/11/2017	Training of students	300
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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
61	49

##### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	Existing



Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing
<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 for Window	Fully	6	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	56045	9971802	751	235095	56796	10206897
Reference Books	3220	698132	28	7000	3248	705132
e-Books	219	0	45	0	264	0
Journals	94	1833383	0	0	94	1833383
e-Journals	8329	68400	0	0	8329	68400
Digital Database	0	0	0	0	0	0
CD & Video	2605	0	55	0	2660	0
Library Automation	1	81900	0	0	1	81900
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	26	45918	0	0	26	45918

[View File](#)

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	120	382	42	120	50	16

Added	0	0	0	0	0	2	0	0	3
Total	680	502	1	120	382	44	120	50	19

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

50 MBPS/ GBPS
---------------

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
NOT APPLICABLE	<a href="#">NOT APPLICABLE</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
5	336000	92	8776000

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)

<p><b>CORRECTIVE MAINTENANCE SYSTEM</b> • The institution is having a Complaint Management Software (CMS). The entire stake holders are being provided with a login id to access the software. • In case of any breakdown, a complaint is raised by the user on the Complaint Management Software. • The Complaint is automatically assigned to the 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 Equipments</p> <p style="text-align: center;"><a href="https://www.itsengg.edu.in/naac-procedures-policies#2017-18">https://www.itsengg.edu.in/naac-procedures-policies#2017-18</a></p>
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### 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	58	3445000
Financial Support from Other Sources			
a) National	PMSSS Scholarship	12	111400
b) International	0	0	0

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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 implementation	Number of students enrolled	Agencies involved
Yog Prashikshan	15/01/2018	40	Vedaarna Foundation
World Yoga Day	21/06/2018	96	Vedaarna Foundation
Technology Day	21/05/2018	60	ECE Dept and COE ITS Engg College
Soft Skills and PDP	10/10/2017	300	Training Department
Aptitude	13/11/2017	300	Training Department
Technical Skills	29/01/2018	135	Center for Excellence

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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 students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2017	Personality Development	20	163	3	91
2017	GATE Class	30	210	4	128

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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
3	3	3

## 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	1879	239	I.T.S Engg College	312	96

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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
2018	1	B.tech	EEE	University School of	MBA

				Management Studies, GBU, Gr. Noida	
2018	1	B. Tech	Computer Sc. & Engg.	IIT Bombay	M. Tech
2018	1	B. Tech	Computer Sc. & Engg.	AKTU	MBA
2018	1	B. Tech	Computer Sc. & Engg.	IIT Guwahati	M. Tech
2018	1	B. Tech	Computer Sc. & Engg.	University of Regina	M.S
2018	1	B. Tech	Computer Science and Engg.	IIIT Bangalore	M. Tech
2018	1	B. Tech	Electronics and Communication Engineering	NIT, PATNA	M. Tech
2018	1	B. Tech	Mechanical Engg	NIET, Greater Noida	M. Tech
2018	1	B. Tech	Mechanical Engineering	IIT BHU	M. Tech
<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	4
<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	Inter House	185
Udghosh	local level	220
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### 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 award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	AKTU Zonal Gold Medal	National	1	0	1522210087	Mohit Joshi
2017	National (State)	National	1	0	1522210087	Mohit Joshi
2017	Gold medal	National	1	0	1622231002	Aditya

	at AKTU Zonal Level					Saxena
2017	Silver at AKTU State Level	National	1	0	1622231002	Aditya Saxena
2017	Gold medal at AKTU Zonal Level	National	1	0	1522231051	Shweta Singh

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

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 the 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 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:

210

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 The success of the Institute is behind its motivated workforce (faculty, students and staff). Institute empowers every individual through decentralized and participative functioning mechanisms. The college provides a great level of flexibility to all the stakeholders in the decision making process, designing of training programs, preparing annual plans, freedom for idea generation and its implementation. To achieve the effective educational leadership, implementation and monitoring, various responsibilities are decentralized at different levels. The case study related to decentralized participative management process is given below: i. Management: - The top management, Director, Deans, HoDs and faculty members of the college work in a coordinated manner towards the successful achievement of long term and short term goals of the college. The Director along with the Dean and HoDs interacts periodically with top management to get more insights for effective implementation and review of the progress, essential for fulfilling the vision and mission of the college. ii. Administration: - Administration plays a vital role for quality education, to achieve the vision and mission of the college. The college administration constantly focuses on the implementation of various policies and programs. The administration ensures the smooth functioning in all the areas like Admissions, Account and Finance, Evaluation and Supervision, Record Keeping and Maintenance. iii. Director: - The Director is solely responsible for coordinating the academic and administrative function of the college. He executes the decisions of the governing body. He is responsible for maintaining harmonious relations and resolving the conflicts at all levels through the stakeholder's involvement. Director along with Dean Academics, HODs and senior management is involved in strategic planning while ensuring the institutional progress. For implementation and monitoring, a meeting is conducted every month among the above said members. iv. HOD: - The academic activities are decided at HODs level by consulting with the faculty members and then the tasks are assigned accordingly. The HODs conduct periodic meetings with the concerned faculty members for the monitoring and implementation of departmental activities. Seminars and conferences are conducted at departmental level under the guidance of HODs. v. Faculty: - The faculty members are involved in decision making for the effective implementation of the various steps required to achieve the quality policy of the college. The faculty members act as the convener or co-convener of several committees like Research Cell, Training and Placement Cell, Anti-Ragging Committee etc. Faculty with the

coordination of HOD, resolve all the issues of students at both academics as well as non-academics level. vi. Non-Teaching Staff: The non-teaching staff of the college manages various tasks assigned to them including laboratory, library, housekeeping, maintenance etc. vii. Student: - The College has a mechanism for analyzing student feedback on institutional performance. A well-defined feedback system has been adopted by the college to monitor the various parameters related to academic matters. Moreover, the feedback from the alumni in terms of suggestions is taken which could be utilized to improve or rectify the areas wherever the action can be implemented. Students can also submit their problems

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
Research and Development	<ul style="list-style-type: none"> <li>• 15 Days paid study leave in a financial year is provided by the institute to the Faculty members involved in pursuing higher studies.</li> <li>• 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.</li> <li>• Towards this the institute has framed various schemes for faculty in terms of financial incentives, awards, provision of study leaves etc.</li> <li>• These would be strengthened further so that faculty has enough time at its disposal to conduct research and publish the outcomes.</li> </ul>
Examination and Evaluation	<ul style="list-style-type: none"> <li>• Evaluation of marks is contingent upon internal marks from continuous assessment test and external marks scored in End Semester Examination.</li> <li>• Continuous Assessment Tests (Sessional Tests) are conducted by the Examination Cell of the College and End Semester Examination by the affiliating University (AKTU).</li> <li>• Marks in the continuous assessment/internal assessment and End Semester Examinations are accounted for in the final results.</li> <li>• Mentor system is practiced to monitor the progress of the students throughout the program.</li> </ul>
Teaching and Learning	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Teacher's study materials are shared with students.</li> </ul>

Organizing conferences, seminars, workshops, faculty development programs and guest lectures. • Deputation of students and faculty for conferences, seminars and workshops • Internal tests are being conducted on a routine basis. • Organizing student seminars on recent trends and developments in respective subjects. • Regular Faculty Colloquium is being conducted for improving the teaching learning process.

Curriculum Development

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: • Detailed Lesson Plan and related course materials are prepared by the faculty members. • Modern teaching aids are provided in every classroom. • Attendance is monitored by HODs through Academic Daily Report (ADR) and Academic Weekly Report (AWR). • Regular meetings are conducted by the HOD to discuss course coverage. • Various COEs are set up by the institute for effective curriculum delivery to provide an opportunity to students to get industry relevant training and competence building beyond curriculum.

Library, ICT and Physical Infrastructure / Instrumentation

• The institute has a completely automated library with subscription to National and International journals, e-journals and magazines for intellectual pursuits. • Computerized with Alice for 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 the latest audio-visual technology state-of-the art auditorium which can accommodate up to 1500 students and 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

Human Resource Management

• The college has well-documented procedure for the recruitment, training, development, motivation and appraisal of the entire faculty and the staff members. • The institute has the well-defined policy to obtain the high



	<p>quality human resources for academic and non-academic activities. • The College has a well-defined and detailed recruitment policy. • 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.</p>
Industry Interaction / Collaboration	<ul style="list-style-type: none"> <li>• The college has interface with the industry at various levels which includes the following: ?</li> <li>Industrial/Summer Training of students.</li> <li>? 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.</li> <li>? Some of the students are encouraged to do projects</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, lecture recording, attendance monitoring and students feedback. The MIS helps in distributing students in batches through batch management, subject allocation to all the faculty members, course wise room allocation. It allows students to select choice based electives. The MIS has inbuilt students and employee grievance modules which helps in overall development of the Institute.</p>
Administration	<p>Administrative MIS modules 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 transaction using e-governance mechanism. This has helped 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.</p>

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, collection of question papers and appointment of examiners

### 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
2017	Mr. Rakesh Kumar Garg	Strategic Human Resource Development	IIT, Kharagpur	5955
2017	Dr. Ashish Kumar	Referresher Programs Application	AICTE-ISTE	1523

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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)
2017	2 Advance Days Excel Training Program	2 Advance Days Excel Training Program	07/07/2017	08/07/2017	14	18
2018	Personality Development Program	Personality Development Program	13/01/2018	13/01/2018	20	20
2018	Basic IOT Training	Basic IOT Training	10/03/2018	10/03/2018	18	0
2018	Happiness Class	Happiness Class	10/02/2018	10/02/2018	20	24

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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
BIG DATA	22	07/02/2018	09/02/2018	3
Artificial Intelligence Machine Learning by Hackveda Society	20	23/09/2017	23/09/2017	1
One Day Workshop on "Green Energy for Clean Environment" at NPTI Faridabad	22	26/03/2018	26/03/2018	1
6 Days Winter Internship program?	10	18/12/2017	23/12/2017	6
CSR Activity organized by ECE department	12	10/09/2017	10/09/2017	1
Guest Talk/Hidden side on Internet Quiz Competition of Envision	18	25/08/2017	25/08/2017	1
2 days Multisim Workshop	12	21/08/2017	22/08/2017	2
6 days Lab VIEW Training Programme	6	17/07/2017	22/07/2017	5

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
149	0	79	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Leave Encashment, EPF, Gratuity, Group Medical Insurance, LTC, Dental Treatment policy for self and family members,	Leave Encashment, Maternity Benefits, Group Medical Insurance, LTC, Dental Treatment policy for self and family	Rewards and recognition to all the meritorious and performing students who gives good results in academics and attendance,

Maternity benefit, Provision to take advance in lieu of salary, Academic Leave for 15 days.	members, Reimbursement of Tuition Fee of their children, Uniform.	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)

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 transactions of the Institute, verification of fee reconciliation and checking of payroll of the Institute. While verifying the accounting vouchers, the internal auditor adopt suitable auditing standard to ensure the following:

- Expenditure is within the permissible limit of budgeted amount.
- At the time of recording of purchase of material, transaction is supported by approved requirements, gate pass and proper material inward note.
- In case of purchases or availing of services, transaction is supported by the purchase /work order as approved by the appropriate authority
- Bill is approved by the appropriate authority
- Appropriate accounting head is selected for recording the transaction
- Transaction as recorded complies with all the legal requirement w.r.t TDS on payment to contractors/Professionals, PF ESI etc., if applicable
- Reconciliation of fees is done on half yearly basis and verified by internal auditor to ensure the following:
  - Approved fee or hostel fee has been due in the account of the students.
  - Hostel fee has been due on the account of all the students who are staying at the hostel.
  - In case fee (either academic or hostel) has been reversed due to admission withdrawal or left the hostel, the same has been duly approved by the director.
  - In case a student has left the hostel, then hostel fees for the period, during which student did not stay in hostel has been reversed.
- Verification of payroll is done by internal auditor to ensure the following:
  - Salary, as paid to all the employees, is in accordance with their approved salary structure and workings days as approved by HR.
  - Salary structure of newly joined employee is as per the salary structure as approved by the director
  - In case, there is revision in salary, then revised salary structure is as per the structure as approved by the director
  - In case, there is revision in salary, then arrear as paid with the salary is calculated correctly
  - Proper TDS is being deducted on monthly basis in accordance with Income Tax Act, 1961
  - Proper PF ESI are being deducted in accordance with the applicable laws.

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, undertaking verification of bills and payment vouchers. Auditors further verify the TDS return, PF ESI return to ensure timely deposit of TDS, PF ESI and timely submission of TDS, PF ESI Returns. Thereafter Auditors submit their report on the basis of their finding during the course of the audit.

##### 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
NOT APPLICABLE	0	NIL
No file uploaded.		

##### 6.4.3 – Total corpus fund generated

**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, Lucknow	Yes	Management, Director
Administrative	Yes	AKTU, Lucknow	Yes	Management, 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/guardians 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 letters 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 a regular basis by the mentors through following ways: (i) Display on the notice board (ii) Performance reports sent to the parents (iii) 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) Awareness about new technologies. 3) Faculty members and students take up online courses. 3) Hands on experience both for students and staff members. 4) Initiative for start-up. 5) To maximize Industry Institute Interaction

## 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
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
2017	IQAC meeting	18/08/2017	14/08/2017	18/08/2017	17
2017	IQAC meeting	28/10/2017	23/10/2017	28/10/2017	17
2018	IQAC meeting	25/01/2018	19/01/2018	25/01/2018	17
2018	IQAC meeting	14/04/2018	09/04/2018	14/04/2018	17
2017	Academic Audit has been done in	07/08/2017	01/08/2017	03/08/2017	112

	their prescribed format				
2017	Academic Audit has been done in their prescribed format	20/11/2017	13/11/2017	15/11/2017	98
2018	Academic Audit has been done in their prescribed format	01/02/2018	29/01/2018	31/01/2018	100
2018	Academic Audit has been done in their prescribed format	05/04/2018	02/04/2018	03/04/2018	109
2017	Symposium on "New Age Teaching and Research	18/10/2017	18/10/2017	18/10/2017	67
<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
LGBTQ Interaction	17/02/2018	17/02/2018	28	60
Open House on the Theme "Identity Based Struggle in India and its solutions"	08/07/2017	08/07/2017	20	56
Campaign for Enhanced Spirit of volunteerism and women Safety: Nukkad Natak and Paricharcha	14/04/2018	14/04/2018	30	80

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
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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. Dustbins are installed at various positions and cleanliness is maintained. Continuous efforts are made to switch off lights and fans when not in use, to save energy. 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.

#### 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
2017	2	2	06/07/2017	2	Safety Awareness Workshop	In Campus	200
2017	2	2	02/10/2017	2	Swachchhata Aviyan	Rural area illiteracy	140
2018	2	2	15/01/2018	2	Blood Donation Camp and Thalasaemia Awareness	In Campus	101
2018	2	2	04/05/2018	2	No Plastic	urban and rural area	89

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#### 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	17/01/2018	<p>Education is the key determinant of how the student utilizes the skills imparted for self-centered purposes for broader societal environmental good. Education results in inhuman conduct and degradation of society and environment. Due to lack of right understanding we can clearly see the results of our collective education system problems such as pollution, resource depletion, and extinction of animals, global warming, terrorism and even threats to the human race on earth.</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. Over a period of time, such value-based education can contribute to the development of a humane society.</p>

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	27/07/2017	27/07/2017	75
World Ozone Day	14/09/2017	14/09/2018	185
World Tourism Day Stalls Exhibition Cultural Performances	27/09/2017	27/09/2017	178
World Heart Day Check up Camp	29/09/2017	29/09/2017	196
World Nature Day	03/10/2017	03/10/2017	250
World Food Day	16/10/2017	16/10/2017	300
International Womens Day	08/03/2018	08/03/2018	190



World Health Day	05/04/2018	05/04/2018	217
<a href="#">View File</a>			

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

1. Energy Conservation: The Institute conducts awareness programs on energy conservation and adopts measures to ensure that energy is conserved wherever possible. The institute uses solar plates to generate energy. Every person follows a policy of switching off power when not in use.
2. Plantation Drive: Tree plantation drives are organized regularly to create a clean and green campus.
3. No Plastic Campus: - Creates awareness about "No to Plastic" using other alternatives like plastic
4. Green landscaping with trees and plants: Use of pesticides and other harmful chemicals in the garden is replaced by implementing organic methods of gardening wherever possible.
5. Students participate in campaigns like "Adopt a tree".

**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE I 1. Title of the Practice: Innovation, creativity and outcome based teaching-learning 2. Goal: The Institute adopts various methods to transform the Teaching - Learning process into a student friendly environment. 3. The Context: Student centered methods are an integral part of the education adopted by the faculty. The institution made a conscious effort to shift from the traditional teacher-centric approach to a student-centric one. Experiential learning, participative learning, and problem solving methodologies are used for enhancing learning experiences. The teacher facilitates self-development of knowledge, holistic development and skill formation through participatory learning activities 4. The Practice: The faculty goes beyond the tried and tested teaching methods to investigate and innovate so that there is an effective learning. The essential requirements of innovation in the teaching-learning process for the teacher is to address dynamics of globalization, evolving new technologies, explosion of knowledge, rapidly changing attitudes, learning interests and goals of students. Incentives given by the management for faculty research also encourage the faculty to explore new approaches to teaching. The innovative quotient of the teacher is reflected in the individual unit planner where the teacher states the diversified methodologies/teaching aids employed in teaching. The impact of innovative teaching is analyzed through student feedback which seeks the students' opinion on innovativeness of the Teacher. 5. Evidence of Success: Students get hands-on experience through internships in core companies in their chosen branches, experiential learning through industry visits, live projects, expert talks, MOOCs, workshops, case studies and virtual classroom sessions. 6. Problems Encountered and Resources Required: As a whole the overall system is well planned and the resources are available in college. BEST PRACTICE II 1. Title of the Practice: Center of Excellence 2. Goal: To implement usage of new tools and technologies, develop skills, create team spirits among students and to promote the institution to the next level. 3. The Context: Center of Excellence is a function that facilitates the collection of standards and practice in an institution to promote it to the next level. It refers to a team, a shared facility or an entity that provides leadership, practices, research, support and training for a particular area. It is often associated with new software tools, technologies and people's network. It also focuses on a particular area of research, such a center may bring together the faculty members from different disciplines and share facilities. To promote research work in their field of specialization. 4.

The Practice: Various centers of excellence for different departments of the institute are being established in technical collaboration with renowned industries. The main objective of these COE's is to create awareness among the students about the best technologies followed by the industry and to provide industry relevant training and to develop in students competency of latest technologies so that they are well-trained and become capable enough to appear for placements. 5. Evidence of Success: Increase in the number of placements due to various training programs held by the respective COEs. 6. Problems Encountered and Resources Required: Lack of funds which results in regular up gradation of the respective COEs. More students from nearby institutes can be motivated and special paid training can be arranged for them during vacations which results in generation of funds and it can be utilized for the up gradation purpose.

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#2017-18>

### 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 is geared up for providing inspiring learning experiences 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 a platform for technical skill development, multidisciplinary project development, Entrepreneurship development, Ethical and Human value development. With the trust of academic and technical excellence, The Institution motivates and supports the 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 and organizing events like Navaratri celebration and Mata ki Chowki.

Provide the weblink of the institution

<https://www.itsengg.edu.in/naac-poi#2017-18>

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

- To conduct more guest lectures/Seminars/Conferences/Workshops, industrial interaction and industrial visits to bridge the gap between classroom teaching and industrial requirements.
- To make use of highly qualified faculty in research work.
- To conduct various programs relating to promotion of entrepreneurship.
- To promote innovation among budding engineers through business incubation center.
- To create environmental awareness through CSR activity.
- More pre-placement activities are to be conducted for the final year students to help them optimally utilize the benefits of placement opportunities.