



## Yearly Status Report - 2016-2017

### 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. Vineet Kansal
Designation		Director
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		01202331000
Mobile no.		9711994485
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/2016/aqar">https://www.itsengg.edu.in/naac/2016/aqar</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/2016/academiccalender">https://www.itsengg.edu.in/naac/2016/academiccalender</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
SYMPOSIUM ON OUTCOME-BASED EDUCATION	11-Oct-2016 1	17

[View File](#)

**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
EDC	DSTNIMAT	EDI	2016 365	1150000

[View File](#)

**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)**

Academic Calendar for the session was more holistic in approach and it's successful implementation was monitored by IQAC.

Many activities were organised by IQAC under Corporate Outreach Programs initiated to bridge the skill gap.

Institutional Social Responsibility activities were given due importance.

Promotion of inter institute competitive events to widen learning opportunities.

Conduct of Technical Conference / Seminars / Workshops / Guest lectures.

[View File](#)

**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	Achievements/Outcomes				
Carrying out more Conferences, Seminars, Workshops, FDPs, Industrial and Educational Visits as a part of the academic curriculum	Conferences, Seminar, Workshops, FDPs, Industrial and Educational Visits conducted by various departments				
Career Guidance, Placement Cell and PDP Activities to be strengthened	More than 80% students placed				
Encouraging students to excel in various sports and cultural events	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				
<a href="#">View File</a>					
<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td>Governing Board</td> <td>15-Jun-2017</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Governing Board	15-Jun-2017
Name of Statutory Body	Meeting Date				
Governing Board	15-Jun-2017				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2017				
Date of Submission	13-Nov-2017				
<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)	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. 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. ESCOP ERP system powered by Sonet Microsystems Pvt. Limited 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:

- An integrated system that operates in (next to) real time, without relying on periodic updates.
- A common database that supports all applications.
- A consistent look and feel throughout each module.
- Absolute control on Institute processes through 100 automation.
- Enabled to facilitate Information access for Students, Teachers, Management.
- 24X7 availability, anytime - anywhere.
- Improved Communication among Students, Teachers, Staff, and Administration.

Following modules are currently operational:

- Student Information Management: 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.
- Student Attendance Management System: Daily, weekly and fortnightly attendance of each individual student can be easily managed and monitored through Student AMS. Also, directly SMS can be delivered to student and 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 Maximum 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., 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 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 and Centre of Excellence set up in 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-voice. 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 nominated by the University to conduct the examination of the students. M. Tech. students

submit their thesis to the university before completion of the course.

### 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
No Data Entered/Not Applicable !!!					

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

### 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	18/07/2016
MBA	Marketing, HR, IB, Finance	18/07/2016
BTech	CE	18/07/2016
BTech	ECE	18/07/2016
BTech	EEE	18/07/2016
BTech	ME	18/07/2016

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

	Certificate	Diploma Course
Number of Students	0	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
Motivational Talk by Mr. Jasmit Sethi , Regional Manager, Aspiring Mind	04/08/2016	397
Motivational Talk by Mr. Abhishek Agarwal - Deputy Manager Advait Life-Education (P) Ltd.	05/08/2016	397
<a href="#">View File</a>		

### 1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	EEE	17
BTech	ECE	21
BTech	CSE	99

BTech	CE	40
BTech	ME	171
<a href="#">View File</a>		

## 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
BTech	Civil Engineering	60	78	52
BTech	Electrical and Electronics Engineering	60	37	20
BTech	Electronics and Communication Engineering	60	81	55
BTech	Mechanical Engineering	180	127	86
BTech	Computer Science and Engineering	180	253	184
MBA	Master of Business Administration	60	46	30

[View File](#)



## 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
2016	1755	70	144	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
153	153	850	41	0	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. 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 in their studies and extra-curricular activities and advice them 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 (PTM) once in a semester for weak students to motivate them. The institute has 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. Apart from regular courses, additional classes for 'group discussion', 'personality development', 'seminar', 'soft-skill training classes', are conducted for overall personality development of the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1825	153	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
153	153	0	0	25

### 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	Designation	Name of the award,
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	receiving awards from state level, national level, international level		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	30/05/2017	02/08/2017
BTech	00	2nd Year	30/05/2017	24/07/2017
BTech	00	3rd Year	30/05/2017	22/07/2017
BTech	00	4th Year	30/05/2017	01/07/2017
BTech	10	1st Year	30/05/2017	02/08/2017
BTech	10	2nd Year	30/05/2017	24/07/2017
BTech	10	3rd Year	30/05/2017	22/07/2017
BTech	10	4th Year	30/05/2017	01/07/2017
BTech	31	1st Year	30/05/2017	02/08/2017
BTech	31	2nd Year	30/05/2017	24/07/2017
<a href="#">View File</a>				

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 the 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 facility, e-Library facility help the teachers and the students in teaching learning process. 4) Minimum hours of teaching based on credits 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'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 techno-cultural environment through various departmental societies run by the student mentors under the guidance of the faculty members. The 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 calendar released by the University for the academic year for both Odd and Even semester activities and the schedule is prepared 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 of institution, schedule both internal and external examinations, plan activities including conduction dates of various national and international seminars, 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 the activities are scheduled strictly as per the academic calendar. The number of teaching days (excluding observed holidays) is adequate for completion of the prescribed syllabus. Furthermore, schedules are prepared every semester in advance for inviting guest speakers, planning of industrial visits with proper 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 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/2016/popsoco>

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
21	BTech	Electrical and Electronics Engineering	77	41	53
31	BTech	Electronics and Communication Engineering	90	61	68
40	BTech	Mechanical Engineering	88	65	74
10	BTech	Computer Science and Engineering	95	74	78
70	MBA	MBA	28	18	64

[View File](#)

## 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/2016/sss>

## 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	9
<a href="#">View 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
Guest Lecture in Technology based entrepreneurship Development program on IPR and its Management Patent, Copy Rights, Trade Mark and Industrial Management.	Entrepreneurship Development Cell	19/09/2016
Faculty Development Program	Entrepreneurship Development Cell	12/12/2016
Women Entrepreneurship Development Program	Entrepreneurship Development Cell	12/01/2017
Entrepreneurship Development Program	Entrepreneurship Development Cell	12/01/2017

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
No Data Entered/Not Applicable !!!				
No file uploaded.				

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
No Data Entered/Not Applicable !!!					
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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
Electronics and Communication Engineering	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	MBA	1	0
National	ASH	3	0
International	ECE	5	1
International	CSE	7	2.11
International	ME	3	1.1
International	ASH	7	2.33
International	EEE	2	0

[View File](#)

### 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
EEE	2
CSE	2
ASH	2

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### 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
Transport coefficients and validity of the Stokes-Einstein relation in metallic melts: From excess entropy scaling laws	Dr. Ruchi Shrivastava	Chemical Physics : elsevier journal	2017	0	YES	0
Essential oil extract of Clerodendr	Dr. Ruchi Shrivastava	Solid waste management and safe	2016	0	YES	0

on colebro okianum (Phuinam) as green inhibitor for the corrosion of mild steel in HCl solution		drinking water				
A review of ultrawideband antennas with and without band notched characteristics	Nitin Kathuria Shruti Vashisht	International Journal of Systems, Control and Communications (IJSCC)	2016	0	YES	0
Art of Digital Watermarking - A Closer Look", ,	Mr. Ankur Saxena	International Journal of Innovation In Engineering Research Management	2016	4.325	YES	0
A Deterministic Digital Watermarking Approach Based on Bird Swarm Optimization	Mr. Ankur Saxena	International Journal of Computer Science and Information Security	2016	0.519	YES	0
An approach of automation between development and operation by using DevOps	Mr. Mukesh Kumar	International research journal of engineering and technology,	2016	5.181	YES	0
Sky Computing -The Futuristic Computing	Ms. Priyanka chawla	International Conference SCESM-2016 ,	2016	0	YES	0
Big Data Analysis Using	Ms. Priyanka Chawla	International Conference	2016	0	YES	0

Apache Pig		SCESM-2016				
Remote User Password Authentication Scheme using Smart Card with Session Key Agreement	A. Sahu, Ashish Kumar	international journal of control theory and application	2016	0.11	YES	0
A Comparative Review of Various Energy Efficient DSR Routing Protocols in MANET	Himanshu Sharma, Ashish Kumar Manoj Gupta	International Journal of Computer Trends and Technology	2016	2.75	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
A Deterministic Digital Watermarking Approach Based on Bird Swarm Optimization	Mr. Ankur Saxena	International Journal of Computer Science and Information Security	2016	16	0	YES
Art of Digital Watermarking - A Closer Look", ,	Mr. Ankur Saxena	International Journal of Innovation In Engineering Research Management	2016	34	0	YES
Remote User Password Authentication Scheme using Smart Card with Session	A. Sahu, Ashish Kumar	international journal of control theory and application	2016	9	0	YES

Key Agreement						
Investigation of sub-micron size cenosphere fillers and filler loading on the mechanical and tribological peculiarity of polyester composites	Akant Kumar Singh, Sidhartha, Sanjay Yadav	Polymer for Advanced Technologies	2017	82	0	YES
Effect of sulphur concentration on the structural and electronic properties of ZnS nanoparticles synthesized using chemical precipitation method	Dr. P. K. Shukla	Journal of Materials Science: Materials in Electronics (JMSME), 28 (2017) 6226-6232	2017	62	0	YES
Annu Annubhawi, Bhattacharya B., Singh Pramod K., Shukla P.K. Shukla, and Rhee Hee-Woo, Journal of Alloys and Compounds 691 (2017) 970-982 <a href="http://dx.doi.org/10.1016/j.jallcom.2016.08.246">http://dx.doi.org/10.1016/j.jallcom.2016.08.246</a>	Dr. P. K. Shukla	Annu Annubhawi, Bhattacharya B., Singh Pramod K., Shukla P.K. Shukla, and Rhee Hee-Woo, Journal of Alloys and Compounds 691 (2017) 970-982 <a href="http://dx.doi.org/10.1016/j.jallcom.2016.08.246">http://dx.doi.org/10.1016/j.jallcom.2016.08.246</a>	2017	122	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	23	5	7	11
Presented papers	15	1	7	5
Resource persons	5	3	4	7
<a href="#">View File</a>				

### 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
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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
<b>No Data Entered/Not Applicable !!!</b>			
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
Health Awareness	Surya Hospital and ITS Engineering College	Health checkup	4	280
Swachh Bharat Abhiyan	Vedarna Foundation	Swachh Bharat Abhiyan	3	520
Health Awareness	ITS Engineering College	Cancer Awareness	3	580
Gender Issue	Internal Complaint Committee	Guest Lecture on Gender Sensitization: New age Challenges	2	400
<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
<b>No Data Entered/Not Applicable !!!</b>			

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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	01/06/2017	14/07/2017	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
RSystem International Ltd	09/11/2016	Training of students	255
Hunan University, China	15/05/2016	Academic Collaboration	0
University of Leicester, England	09/04/2016	Academic Collaboration	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
43	36.47

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

Others	Existing
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#### 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 partially)	Version	Year of automation
Alice for Window	Fully	6	2006

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	53471	9110267	2574	861535	56045	9971802
Reference Books	3135	676882	85	21250	3220	698132
e-Books	152	0	67	0	219	0
Journals	94	249049	0	0	94	249049
e-Journals	8329	68400	0	0	8329	68400
Digital Database	0	0	0	0	0	0
Library Automation	1	81900	0	0	1	81900
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	26	45483	0	0	26	45483
<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	372	1	16	120	42	120	50	10
Added	0	0	0	0	0	0	0	0	0
Total	680	372	1	16	120	42	120	50	10

##### 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
<b>No Data Entered/Not Applicable !!!</b>	

**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	3.73	88	84.47

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>Procedures and policies for maintaining CORRECTIVE MAINTENANCE SYSTEM • 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 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</p> <p style="text-align: center;"><a href="https://www.itsengg.edu.in/naac/2016/pp">https://www.itsengg.edu.in/naac/2016/pp</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	52	3747000
Financial Support from Other Sources			
a) National	PMSSS Scholarship	15	1477200
b) International	NIL	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	Date of implementation	Number of students	Agencies involved
------------------------	------------------------	--------------------	-------------------

enhancement scheme		enrolled	
Blood Donation: Awareness campaign donation drive	14/06/2016	45	Rotary Club, Ghaziabad
World Yoga Day	21/06/2016	70	Vedaarna Foundation
Session on 'Dento-legal concerns'	19/08/2016	72	I.T.S Dental College
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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
2016	Personality Development	17	100	1	44
2016	GATE Class	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	2174	191	I.T.S Engg. College	799	19
<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
2017	1	B. Tech	Electronics and Communication Engg.	NIT, Kurukshetra	M.Tech
2017	1	B. Tech	Electronics and Communication Engg.	AMU, Aligarh	M. Tech
2017	1	B. Tech	Computer Science and	Ontario University	M.Sc

			Engg.		
2017	1	B. Tech	Computer Science and Engg.	IP University	M.Tech
2017	1	B. Tech	Mechanical Engineering	Seneca College, Toronto, Canada	M.S
2017	2	B. Tech	Mechanical Engineering	Seneca College, Toronto, Canada	M.S
2017	1	B. Tech	EEE	Manukau institute of Technology, New Zealand	M.Tech
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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, 17	Inter House	198
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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
2016	AKTU Zonal Gold Medal	National	1	0	1522210087	Mohit Joshi
<a href="#">View File</a>						

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

Activity of Student Council and representation of students on Academic and Administrative Bodies/Committees of the Institution 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 present the problems faced by fellow students for any required action. Student Council: • 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-college and inter-college level. Faculty coordinators ensure that the students participating in various events get attendance by sending the list of participants 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 headed by a faculty member of the department with students holding various posts like President, Vice-President, Secretary and Treasurer. The departmental activity/society/club of students are known by the following names which conduct 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:

152

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)

Year: 2016-17 Decentralization: Institute has a mechanism for delegating authority and providing operational autonomy to 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 quality in various 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 conducted by the institute, all the staff members meet, discuss, share their opinion and plan for the event and form various committees involving students and concerned faculties. • Faculty members are involved in deciding academic activities and examinations to be conducted by the college. Functional Level • At functional level the faculty members share the knowledge about latest trends in technology during faculty meeting. • Research center is managed by the faculty members. • Faculty members organize and actively participate in various conventions/conferences/workshops/FDPs. • Faculty members write joint research papers and share their knowledge. Operational level • The director of the institution is responsible for academic, non-academic and administrative activities of the institution. • The director of the institution is responsible for interaction correspondence with the affiliating university. • 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 encourage 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 who ensures its proper implementation. • HODs are responsible for confirmation and observation of academic activities. They also confirm about the audit process of the department and gives inputs to IQAC. • Subject in-charge ensures smooth conduction of practical and theory classes. • Subject in-charge gives feedback to HODs regarding conduction of extra classes for 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
Research and Development	<ul style="list-style-type: none"> <li>• 15 days paid leave in a year for Faculty members involved in</li> <li>• We have definite plans to encourage faculty to do research, write articles in journals and magazines, submit papers in workshop and conferences etc. Towards the end, we have various schemes for faculty financial incentives, awards, provision of study leaves etc. These would be strengthened further so that faculty has enough time to conduct research and publish the outcomes.</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. For effective delivery of curriculum, following efforts are made by the institute:</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 available 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 held with faculty by 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 the students to get industry relevant training and develop competence for placement in industry</li> </ul>
Teaching and Learning	<ul style="list-style-type: none"> <li>• Establishment of the course plan for every subject before the commencement of each semester along with the course handouts are made available to the students on the start of the academic year.</li> <li>• Study material ( PPT / PDF ) is shared by faculty with students</li> <li>• Organizing conferences, seminars, workshops and guest lectures</li> <li>• Deputation of students and faculty for conferences, seminars and workshops</li> <li>• Internal tests are being conducted on a routine basis.</li> <li>• Organizing student seminars on recent trends and developments in respective subjects.</li> </ul>
Examination and Evaluation	<p>Evaluation of marks is contingent upon internal marks from continuous assessment test and external marks scored in End Semester Examination.</p> <ul style="list-style-type: none"> <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>
Human Resource Management	<ul style="list-style-type: none"> <li>• A well established HR team manages Human Resource of the College. It is responsible for the attracting, selecting, training, assessment and rewarding employees, while also overseeing organizational leadership</li> </ul>

	and culture and ensuring compliance with employment and labour laws. HR Software has been put in place that allows employees to update their personal data and skill sets, log times and check in/out. Managers can access all information about subordinates, have control on approvals, leave management, and even track time for assigned jobs. Eliminate errors through automated data entry. Effortless consolidation of attendance data from multiple devices, customize leave types, schedule jobs, and create time sheets.
Industry Interaction / Collaboration	Field visits, industrial visits at state and national levels. • Collaboration with industries and other noted institutions to organize seminars, workshops and value added courses.
Admission of Students	Admission of students are made as per AKTU, Lucknow norms.

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

E-governance area	Details
Planning and Development	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 segregating the students into batches, subject allocation to the faculty, course wise room allocation. It allows students to select choice based electives. The MIS has inbuilt grievance module for addressing problems of the students and the employees that help in overall development of the Institute.
Administration	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.
Finance and Accounts	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 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 interested in taking admission in UG/PG program of the institute are required to register themselves through online application on institute's MIS. The data collected through this process is 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 marks related data for continuous evaluation including sessional tests and end semester examination.

### 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	Impact of Human Resource Management Policies and Digitalization on the Enterprise in 3rd International Conference on Advances in Management Decision Sciences	Gautam Buddha University	1700
2017	Mr . Noorul Islam	Faculty Development Training Program (TOT)	Skill Council of Green Jobs	5989
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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)
2016	2 Days	2 Days	02/09/2016	03/09/2016	12	22

	Excel Training Program	Excel Training Program				
2016	MS office Training Program	MS office Training Program	19/11/2016	19/11/2016	11	24
2017	Personality Development Program	Personality Development Program	07/01/2017	07/01/2017	15	24
2017	C Programming		04/02/2017	04/02/2017	9	0
2017	Circuit Design Training Program		01/04/2017	01/04/2017	6	0
2017	Training program of Google Application	Training program of Google Application	17/06/2017	17/06/2017	14	21

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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
Entrepreneurship Development	13	13/12/2016	26/12/2016	14
Recent advances in Concrete Technology and Sustainable Concrete	7	15/03/2017	19/03/2017	5
NPTEL	1	27/07/2017	27/07/2017	1
Advances in Analog IC and Signal Processing	14	09/01/2017	13/01/2017	5
Android Skill Development	1	08/05/2017	12/05/2017	5
Advances in Power Electronics Its Applications	1	06/05/2017	10/05/2017	5
BIG DATA	22	09/01/2017	13/01/2017	5
Universal Human Values Professional Ethics	3	07/04/2017	14/04/2017	8

Functional Nanomaterials: Emerging Trends and Applications	1	20/06/2017	22/06/2017	3
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
153	0	88	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, Maternity benefit, Provision to take advance in lieu of salary, Academic Leave for 15 days	Leave Encashment, Maternity Benefits, Group Medical Insurance, LTC, Dental Treatment policy for self and family members, Reimbursement of Tuition Fee of their children, Uniform.	Rewards and recognition to all the meritorious students who secure good marks in academics and / or have very good attendance, Medical insurance

**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 conducts the internal audit on regular basis. 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 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 conducted twice a year by M/s. D.C. Garg Co., Ghaziabad (auditor). The auditors scrutinize the official records of accounts by going through routine college fee collections, bank payments and receipts, cash payments and receipts, undertake verification of bills and payment vouchers. The auditors also verify the TDS return, PF ESI return to ensure timely deposit of TDS. Thereafter the auditors submit their report on the basis of finding detected during the course of the audit. it is ensured that all the recommendations are taken care of as suggested by the auditors in their report.

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	9928000	For Routine Expenses
<a href="#">View File</a>		

## 6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

**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/guardian to ensure that the students enrolled should meet the required attendance criterion to appear in the end semester examination without failure. 2. In this regard, detention letters are sent to parents of those students who are detained from appearing in sessional tests because of short attendance. The detention information is also telephonically conveyed to parents by respective mentors / counselors. Parents (or local guardians) are invited to the college for PTM to discuss the necessary course of 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 (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) Excel Training Program of 2 Days. 2) Personality Development Program. 3) Computer Training Program for enhancing Technical Skill Development are organized.

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

1) Awareness about new technologies. 2) Faculty members and students to take up online courses. 3) Hands on experience both for students and staff members. 4) Initiative for start-up.

## 6.5.5 – Internal Quality Assurance System Details

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

## 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
2016	IQAC meeting	13/08/2016	08/08/2016	13/08/2016	17
2016	IQAC meeting	22/10/2016	17/10/2016	22/10/2016	17
2017	IQAC meeting	27/01/2017	20/01/2017	27/01/2017	17
2017	IQAC meeting	25/03/2017	20/03/2017	25/03/2017	17

2016	Academic Audit has been done in their prescribed format	23/07/2016	18/07/2016	22/07/2016	120
2016	Academic Audit has been done in their prescribed format	19/11/2016	15/11/2016	18/11/2016	104
2017	Academic Audit has been done in their prescribed format	14/01/2017	09/01/2017	12/01/2017	93
2017	Academic Audit has been done in their prescribed format	22/04/2017	17/04/2017	19/04/2017	102
2016	Symposium on "Outcome-based Education - The Assessment of Programme Educational Objectives for an Engineering Undergraduate Degree"	11/10/2016	11/10/2016	11/10/2016	53

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## 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
Open House on the Theme "Identity Based Struggle in India and its solutions"	28/09/2016	29/09/2016	52	370
Seminar on	12/02/2017	12/02/2017	37	390

Gender Sensitization

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

• 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 • 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
2016	2	2	06/07/2016	2	Safety Awareness Workshop	Campus	200
2016	2	2	10/12/2016	2	Career development programme	Rural area illiteracy	128
2017	3	3	02/02/2017	3	Environment Preservation and Plantation Drive	Urban and crowded area and Railway Line.	56



2017	3	3	04/05/2017	3	No Plastic	urban and rural area	147
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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)
<b>No Data Entered/Not Applicable !!!</b>		

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Kalam ki Kahani Aapki Jubani.	27/07/2016	27/07/2016	90
World Ozone Day	14/09/2016	14/09/2016	250
World Tourism Day Stalls Exhibition Cultural Performances	27/09/2016	27/09/2016	200
World Heart Day Check up Camp	29/09/2016	29/09/2016	265
World Nature Day	03/10/2016	03/10/2016	200
World Food Day	16/10/2016	16/10/2016	340
World Health Day	05/04/2017	05/04/2017	218
International Womens Day	08/03/2017	08/03/2017	102
<a href="#">View File</a>			

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

<ul style="list-style-type: none"> <li>• Plantation Drive</li> <li>• No Plastic Campus</li> <li>• Green landscaping with trees and plants</li> <li>• Students participate in campaigns like "Adopt a tree"</li> <li>• Awareness about Deforestation</li> <li>• Conserve native species of plants and trees</li> </ul>
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### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

<p><b>BEST PRACTICE I</b></p> <p>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 publish their research work in conference proceedings and journals of repute. 6. Problems Encountered and Resources Required: Lack of proper fund for doing research and non-availability of sophisticated</p>
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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. Context: Remedial classes are held for the weak students every semester. 4. Practice: The counselors communicate the problems raised by students to the concerned teachers who conduct problem solving and doubt clearing sessions. 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 analyzed 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. The faculty counselor help students in solving their personal problems.

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/2016/bestpractices>

### 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 provides inspiring learning experience to the 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 inspire the students 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 realize their physical strength by competing in healthy environment and learn global standards by participating in 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, Janamashtmi and Mata ki Chowki.

Provide the weblink of the institution

<https://www.itsengg.edu.in/naac/2016/poi>

### 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 activities like blood donation camps, plantation drives, environment awareness events etc. to be organized. • More pre-placement drives to be conducted for the final year students to help them optimally utilize the benefits of placement opportunities. • In order 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.

