



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		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
2. Institutional Status		

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

3. Website Address

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

5. Accreditation Details

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

6. Date of Establishment of IQAC	03-Jan-2014
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7. Internal Quality Assurance System

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

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NewGen IEDC ITS Engineering College	Newgen IEDC	EDII	2019 365	6000000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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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 programmes

Monitoring of the teaching, learning and evaluation processes

Conduction of technical conferences/seminars/workshops/guest lectures

Promotion of inter institute competitive events to widen the horizon of learning opportunities

Discussion of previously proposed activities and their outcomes

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality

Enhancement and outcome achieved by the end of the academic year

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

Yes

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

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

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

27-Feb-2019

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)

The institute-wide information exchange among the staff and faculty members, students, academic and non-academic administration is being accomplished through intranet communication consisting of internal group mail assigned to all the faculty and staff members. Also, various batches of students of each program are being assigned individual as well as group mail id and a common group mail id of all the students of the college. Further, some portion of the academic administration such as student's attendance, lesson plan, class time table, faculty individual time table, assignments, internal assessments, Academic Daily Report (ADR) and Academic Weekly Report (AWR) are archived through File Transfer Protocol (FTP) on internet. iCLOUD EMS ERP system powered by Cloud Next Vision Pvt. Ltd. is implemented in the institute to monitor academic daily activities of the students. The ERP is having SMS and email integration and provides following advantages as listed below:

- 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 as well his/her parents if he/she is absent on a particular day.

Academic Management:

	<p>Syllabus Integration, Student Grouping, Time Slot Setting, Group wise subject Mapping, Subject wise mapping, Time Table Setup, Faculty wise time table setup, Course Wise Time Table. Student Examination: Subject wise Max marks setting, Faculty permission for marks entry, Examination Schema. Online Dashboard for Students: Unique ID for all students, Notice/ Circular, Academic Calendar, Module/ Subject Details (with sessions/ topic), Module/ Subject wise assignment, Sample Question, My Attendance, Faculty Feedback. Online Dashboard for Faculty Members/ HOD: Unique ID for all Faculty/HOD, Module Management. Academic Calendar, Upload Subject Details (with session plan), Presentation, Sample Question, Subject wise attendance/Internal Marks uploading. Online Dashboard for Management/Admin (MIS): Student MIS, Student Attendance, Academic Management, Student Examination Alumni: Alumni Registration, Alumni Permission, Alumni Login, Alumni Dashboard, Alumni Data Search, Alumni Profile Group Email Facility. Library Management System: New Book/Item Entry Form, Item Management, Item Binder, Book data verification, Fine Setting, Book Issue/Return, OPAC Search, Library Report like Author Wise, Subject Wise, Overdue Books, Shelf Wise, etc., Catalogue of books with ISBN, Author, Title, Publisher, Number of copies of a particular book, and any other customizable information.</p>
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Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Academic programs offered are B. Tech. and MBA. All these programs are affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow. All the programs of the Institute strictly adhere to the syllabus designed by AKTU, Lucknow. As an affiliated Institution, we are not authorized to modify the syllabus; we can adopt the curriculum overview provided by the AKTU, Lucknow. The requirement of subject wise teaching hours and course content is fulfilled as per guidelines. The time table and teaching schedules are prepared accordingly. Following records are maintained by respective subject faculty: topics covered date-wise, student attendance and internal assessment marks. Students maintain practical files and continuous assessment is being done for

each experiment performed by a student. Monthly faculty meetings are conducted by director to track the syllabus coverage, attendance and performance in internal examinations. Academic activities namely Guest lecture, Industrial visits and the internship program are being held regularly for all the students in industry as well in Centre of Excellence set up at the Institute. The complete assessment of an individual student is done both internally as well as externally. Internal assessment comprises of three components viz. student attendance, teachers assessment (which includes assignments and quizzes) and class test. Each component carries respective weightage defined as per the ordinance of AKTU, Lucknow. Marks of class test are being assessed through three Internal Examinations conducted in a semester of a particular academic year. Also, internal assessments of all practical subjects are being done by conducting the internal practical examination and viva-voce. External assessment is being done by the University through end semester examination conducted both for theory as well as practical subjects. For all the practical examination, external faculty members (from different colleges) are being nominated by the University to conduct the examination of the students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
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
BTech	CE	02/07/2018
BTech	CSE	02/07/2018
BTech	ME	02/07/2018
BTech	EEE	02/07/2018
BTech	ECE	02/07/2018
MBA		02/07/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

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

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

	Certificate	Diploma Course
Number of Students	50	0

1.3 – Curriculum Enrichment

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

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

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

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<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 five questions related to the performance of the teachers. Once the feedback is collected, it is analyzed by the Dean (Academic Administration) Office. There is an internal body in the institute "Internal Quality Assurance Cell", which works closely with the feedback report produced by the Dean-AA Office. Then, this committee comes up with the unique method of implementing the insights for the overall development of the institution. All the insights are then collected, compiled and then distributed to the respective departments and then suitable action is taken by</p>

the head of departments. QUESTIONS FOR FEEDBACK S. No. Questions 1 Does the lecture start in time? 2 Is the lecture material well presented? 3 Presentation and Communication Skills of Teacher 4 Is the course progressing as per the lesson plan? 5 Does the teacher answer your queries?

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

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

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

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

2.3 – Teaching - Learning Process

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

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

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

The institute has an internal mentoring system where-in the faculty acts as a link between the students and the

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

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1648	135	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

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

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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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	12/05/2019	12/07/2019
BTech	31	1st Year	12/05/2019	15/07/2019
BTech	10	4th Year	12/05/2019	01/07/2019
BTech	10	3rd Year	12/05/2019	05/07/2019
BTech	10	2nd Year	12/05/2019	12/07/2019
BTech	10	1st Year	12/05/2019	15/07/2019
BTech	00	4th Year	12/05/2019	01/07/2019

BTech	00	3rd Year	12/05/2019	05/07/2019
BTech	00	2nd Year	12/05/2019	12/07/2019
BTech	00	1st Year	12/05/2019	15/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

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

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

Academic calendar prepared and adhered for conduct of Examination and other related matters Academic calendars are systems by which you define the landmark dates that drive much of the day-to-day business at the academic institution the academic calendar of the institution is prepared based on the Academic calendar of the University released for the complete year for both Odd and Even semester activities and prepare schedule accordingly The same is prepared and handed over to the students before the beginning of the Academic session after a brainstorming exercise with the management and the academia to schedule all activities for the students both in campus and off campus. The aim of preparing the academic calendar is to work out the number of teaching days as per the requirement and Guidelines in any institution, schedule the various examinations both internal and external, various planned activities to include various seminars, both national and international, Guest Lectures, Industrial visits, sports fixtures The ITS Engineering College works in a very structured and organized manner to ensure that all activities are scheduled strictly as per the academic calendar and the no of teaching days are adequate for

completion of the prescribed syllabus after taking out the number of days observed as holidays Schedules are prepared one semester in advance for the Invitation of the Guest speakers, planning of Industrial visits with proper fine tuning with the Companies. All the important days are celebrated with enthusiasm and the same is planned in the academic calendar for organizing various functions. This structured usage of the academic calendar makes all aware ie both students, faculty and the management of all activities taking place and planning well ahead to ensure adequate time availability for a well-planned semester/ year.

2.6 – Student Performance and Learning Outcomes

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

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

2.6.2 – Pass percentage of students

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

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2.7 – Student Satisfaction Survey

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

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

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	DST	25	25

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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
Entrepreneurship Development Program	Entrepreneurship Development Cell	15/10/2018
Faculty Development Program	Entrepreneurship Development Cell	16/01/2019
WEDP	Entrepreneurship Development Cell	12/11/2018

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

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
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
NOTAPPLICABLE	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	ECE	8	0.5
International	CSE	3	0
International	EEE	2	0
International	ME	1	1.34
International	CE	2	2.17
International	ASH	6	2.78
National	MBA	1	0
International	MBA	1	7.36
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
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CSE	2
MBA	11
ECE	5
ASH	7
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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
Novel optimization technique to charge E-rickshaw battery using single sensor based MPPT of SPV module	Noorul Islam	Journal of Intelligent Fuzzy Systems	2018	1	YES	1
Statistical Modelling of Interference for Molecular Nano-Communication	Nitin Kathuria	2018 International Conference on Sustainable Energy, Electronics, and Computing Systems (SEEMS)	2018	1	YES	8
Experimental Validation of Minimax Entropy Principle in Ultrasound Images	Dr Leena Arya	International Journal of Recent Advances in Electrical Electronic Engineering	2019	1	YES	1
Bhatia-Thornton fluctuations, transport and ordering in partially ordered	Ruchi Shrivastava	Journal of Statistical Mechanics: Theory and Experiment	2019	36	YES	0

Al-Cu alloys						
An investigation on the mechanical and thermal performance of a novel functionally graded materials based thermoplastic composites	Akant Kumar Singh,	Journal of Thermoplastic Composite Materials	2018	1	YES	1
Analysis self similarity of fractal models using K-Mean clustering technique	Sandeep kumar	JARDCS	2018	1	YES	1
A Comparative Study of Mohand and Laplace Transforms	Renu Chaudhary	JETIR	2018	29	YES	20
A Comparative Study of Mohand and Kamal Transforms	Renu Chaudhary	GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES	2019	29	YES	0
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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
An investigation on the mechanical and thermal performance of a novel functionally graded materials	Akant Kumar Singh	Journal of Thermoplastic Composite Materials	2018	39	1	ITS Engineering College

based ther moplastic composites						
Novel opti mization technique to charge E-rickshaw battery using single sensor based MPPT of SPV module	Noorul Islam	Novel opti mization technique to charge E-rickshaw battery using single sensor based MPPT of SPV module	2018	34	1	ITS Engine ering College

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

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

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3.4 – Extension Activities

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

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

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites

Swachh Bharat Abhiyan	Vedrarna Foundation	Swachh Bharat Abhiyan	3	340
Health and Awareness	ITS Dental College Greater Noida	Dental Awareness	4	280
Tree Plantation	Vedrarna Foundation	Tree Plantation	2	264
Health and Awareness	Internal Complain Committee	Stress Management	1	243
Gender Issue	Internal Complain Committee	Self Defense Program	2	120
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3.5 – Collaborations

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

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

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
See Annexure	See Annexure	See Annexure	01/05/2019	30/07/2019	See Annexure
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Hunan University, China	16/07/2018	Academic Collaboration	0
Jagmag Lights	22/04/2019	Research Incubation	0
Airwaves Projects Pvt Lt.	10/05/2019	Research Incubation	0
Theme Solar Systems	25/06/2019	Research Incubation	0
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
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94.5	83
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4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	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
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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 patially)	Version	Year of automation
Alice Windoe	Fully	6	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	56796	10206897	728	224100	57524	10430997
Reference Books	3248	705132	29	7250	3277	712382
e-Books	264	0	41	0	305	0
Journals	66	139640	0	0	66	139640
e-Journals	0	0	0	0	0	0
Digital Database	0	0	0	0	0	0
CD & Video	2660	0	45	0	2705	0
Library Automation	1	81900	0	0	1	81900
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	26	49771	0	0	26	49771
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	Date of launching e-
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		is developed	content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	680	502	1	80	422	42	120	50	16
Added	0	0	0	0	0	2	0	20	4
Total	680	502	1	80	422	44	120	70	20

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

70 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
0	0

4.4 – Maintenance of Campus Infrastructure

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

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

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

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

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship offered by the Institution based on PCM	91	5035000
Financial Support from Other Sources			
a) National	PMSSS Scholarship	19	1930400
b) International	Nil	0	0
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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 implemetation	Number of students enrolled	Agencies involved
Technical Skills	03/12/2018	155	Center for Excellence
Aptitude and Reasoning	18/11/2018	175	Training Department
Language Improvement Session	04/10/2018	211	Training Department
Soft Skills Development	09/02/2019	240	Training Department
World Yoga Day	21/06/2019	84	Vedaarna Foundation
Yog Prashikshan Shivir	17/09/2018	90	Vedaarna Foundation
View File			

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
2018	PERSONALITY DEVELOPMENT	17	100	1	44
2019	GATE CLASSES	234	114	4	42
View File					

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
I.T.S Engg College	3136	234	I.T.S Engg College	367	116
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	0	0	0	0	0
View File					

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

Items	Number of students selected/ qualifying
GATE	2
View File	

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

Activity	Level	Number of Participants
Udghosh, 19	Inter house	304
View File		

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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	AKTU Zonal Gold Medal	National	1	0	1522210122	Payal Singh
2018	AKTU Zonal Silver Medal	National	1	0	1522210143	Sheel Vardhan
2018	AKTU Zonal Gold Medal	National	1	0	1522210143	Sheel Vardhan
View File						

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

ITS Engineering College, Greater Noida provides necessary support to the council members in organizing and coordinating the events. It encourages the students to develop their leadership skills through these activities.

REPRESENTATION OF STUDENTS IN VARIOUS COMMITTEES IQAC Committee: • Two student members are nominated to be a part of Internal Quality Assurance Committee. •

These students attend the quarterly IQAC meetings and are free to put forward their views for any required actions needed for students' welfare. Student Council: • A Student Council has been formed for holistic development of the students and to enhance leadership skills for overall development of the students. • Student council is headed by a Student President and Vice-President and they motivate other students to participate in the activities. • They work as a medium between faculty and students. The following committees/societies of students work under the control and coordination of Dean Students Welfare. a) Cultural Committee b) Literary Society c) Sports Committee Each committee/society is headed by a faculty member with student coordinators. The coordinators of each committee/ society exercise admin control on the students for active participation in all the events organized at intra-collegiate and inter-collegiate level. It is the responsibility of the Faculty coordinators to ensure that all the student members do get attendance for the duration of their participation in all events by sending their names to the respective departmental HODs. In addition, every department has constituted a professional society/committee which is responsible for conducting various technical/non-technical events. Each departmental society/committee is being headed by the faculty member of the department with students holding various posts like President, Vice-President, Secretary and Treasurer. The various departmental societies/students activity clubs are known by the following names which hold technical/academic events pertaining to their respective discipline/branch/inter branch events. a) MEGABUILD (Department of Civil Engineering) b) AVANT GARDE (Department of Computer Science and Engineering) c) ERGON (Department of Electrical and Electronics Engineering) d) ENVISION (Department of Electronics Communication Engineering) e) MECH IMPULSE (Department of Mechanical Engineering) f) AMBROSIA (Department of Business Administration) Student Head Coordinators of the above stated professional societies/students activity clubs also exercise admin control and project their budgetary requirements, accordingly. Sports activities in the college are administratively coordinated by the Sports Committee headed by sports secretary and he is formally supported by Physical Trainer and Instructor (PTI) and student members selected as Captains and Vice Captains (both boys and girls separately). All the students of the institute are grouped into four houses at the time of admission and for the next four years they will be representing their respective houses in various events held in the institute during the year. These houses signify the elements of earth namely AGNI (Orange Color), VAYU (Red Color), SALIL (Yellow Color) and Vyom (Blue Color). All the events and activities are organized by the heads of the different committees/societies under the able guidance of Dean Students Welfare.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

245

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

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

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
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 about course coverage. • Various COEs are set up by the institute for effective curriculum delivery to provide an opportunity to students to get industry relevant trainings and competence building beyond curriculum.

Teaching and Learning

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

Examination and Evaluation

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

Research and Development

• 15 Days paid study leave in a financial year is provided by the institute to the Faculty members involved in pursuing higher studies. • The institute has laid down definite plans to encourage faculty to do research, write articles in journals and magazines, submit papers in workshop and conferences etc. • Towards this the institute has framed various

	<p>schemes for faculty in terms of financial incentives, awards, provision of study leaves etc. • These would be strengthened further so that faculty has enough time at its disposal to conduct research and publish the outcomes.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>• The institute has 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 latest audio-visual technology state-of-the art auditorium which can accommodate up to 1500 students an open Amphitheatre which hosts Intra and Inter college events round the year making teaching more interactive. • Web based learning, live simulation exercise and project work make learning process more effective and enjoyable.</p>
Human Resource Management	<p>• 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 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	<p>• The college has interface with the industry at various levels which includes the following: ? Industrial/Summer Training of students. ? Student projects sponsored by the industry. ? Industrial visits. ? Campus placements ? State-of-the-art Centre of Excellence in collaboration with eminent multinational companies for providing summer training to students. ? Some of the students are encouraged to do projects with the industry. ? Objective of the placement cell is to place the students in good companies. ? This is by providing students to be trained in aptitude, technical and soft</p>

	skills, much ahead of campus selections.
Admission of Students	• Admission of students is being done as per the 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, uploading of session and lecture plan, attendance monitoring and students feedback. This MIS helps in distributing students in batches through batch management, subject allocation to all the faculty members, course wise room allocation. It allows students to select choice based electives. The MIS has inbuilt students and employee grievance module which helps in overall development of the Institute.
Administration	HR One module of the institute helps in keeping service records of all the employees maintaining service books, promotion records, seniority etc. and their total emoluments and the records of their provident fund.
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 desirous in taking admission in UG/PG program of the institute are required to make formal application online on institute's MIS by registering themselves. The data collected through this process is further used for making merit list and preparing final admission list of the eligible candidates. It also facilitates online payment of the required fees.
Examination	MIS of the institute has well defined modules for collecting the data related to marks of continues evaluation, sessional test, end semester marks and collection of question papers. Appointment of external examiners is

being done by the Affiliating University.

6.3 – Faculty Empowerment Strategies

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

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

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Stress Management Life balance	Stress Management Life balance	26/10/2018	26/10/2019	30	39
2019	Emotional Intelligen ce Interpe rsonal Skills	Emotional Intelligen ce Interpe rsonal Skills	12/01/2019	12/01/2019	42	33
2019	Self Analysis and Self D evelopment	Self Analysis and Self D evelopment	25/01/2019	25/01/2019	25	47
2019	Profession alism, Enthusiasm Attitude	Profession alism, Enthusiasm Attitude	09/02/2019	09/02/2019	35	49
View File						

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
RECENT TRENDS IN ELECTRIC CIRCUITS AND SYSTEMS	6	07/09/2018	13/09/2018	7
ADVANCEMENT IN MANUFACTURING OF COMPOSITE	5	21/01/2019	25/01/2019	5

MATERIALS AND THEIR MECHANICAL AND TRIBOLOGICAL ASPECTS				
Recent Trends in Electronic Circuits and Systems	30	09/07/2018	13/07/2018	5
Optical communication Networking	2	29/11/2018	03/12/2018	5
CYBER SECURITY WORKSHOP	14	28/09/2018	29/09/2018	2
AI DEEP LEARNING	2	17/09/2018	19/09/2018	3
View File				

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

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

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Leave Encashment, EPF, Gratuity, Group Medical 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 and performing students who gives good results in academics and 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 on regular basis conducts the internal audit. The scope of internal audit includes audit of all the transaction of the Institute, verification of fee reconciliation and checking of payroll of the Institute. While verifying the accounting vouchers, the internal auditor follows suitable auditing standards. Reconciliation of fees is done on half yearly basis and verified by internal auditor. Verification of payroll is done by internal auditor. **EXTERNAL AUDIT:** External audit is also conducted by auditors M/s. D.C. Garg Co., Ghaziabad and they conduct the audit twice a year. Auditors conduct the official scrutiny of accounts by going through routine college fee collections, bank payments and receipts, cash payments and receipts, undertake verification of bills and payment vouchers. Auditors further verify the TDS return, PF and ESI return to ensure timely deposit of TDS, PF and ESI and timely submission of TDS, PF and ESI Returns. Thereafter Auditors submit their

report on the basis of their finding during the course of the audit. All the recommendation, as suggested by the Auditors in their report, is taken care.

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

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

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

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

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

<p>1. Continuous counseling, short attendance monitoring and communication of the same to parents/guardian are regularly done to ensure that the students enrolled should meet the required attendance criterion to appear in the end semester examination without fail. 2. In this regard, short attendance and detainment letter from sessional tests are being regularly sent to parents. Also, the same is being informed by respective mentors telephonically to parents. Parents and local guardians are invited to the college and discuss the necessary action to be implemented for the progress of the student. 3. Communications regarding student's performance to the parents is done on regular basis by the mentors through following ways: (i) Display on the notice board (ii) performance reports send to the parents (ii) parents teachers Interaction (iv) feedback from parents is collected from time to time.</p>
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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)

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

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	

d)NBA or any other quality audit	Yes
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6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	IQAC meeting	27/10/2018	22/10/2018	27/10/2018	17
2019	IQAC meeting	18/01/2019	14/01/2019	18/01/2019	17
2019	IQAC meeting	26/04/2019	18/04/2019	26/04/2019	17
2018	Academic Audit has been done in their prescribed format	21/08/2018	17/08/2018	20/08/2018	89
2018	Academic Audit has been done in their prescribed format	13/11/2018	08/11/2018	10/11/2018	102
2019	Academic Audit has been done in their prescribed format	31/01/2019	28/01/2019	30/01/2019	108
2019	Academic Audit has been done in their prescribed format	08/04/2019	04/04/2019	08/04/2019	120
2018	Symposium on "Innovative Techniques of Teaching	13/10/2018	13/10/2018	13/10/2018	63
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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
Poster Making Competition on ``Women in Science`` on International Women Day	07/09/2018	07/09/2018	39	350

Beti Padhao Beti Bachao	04/03/2019	04/03/2019	45	390
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7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

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

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	3
Ramp/Rails	Yes	2
Braille Software/facilities	No	0
Rest Rooms	Yes	1
Scribes for examination	No	0
Special skill development for differently abled students	No	0

7.1.4 – Inclusion and Situatedness

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

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

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

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

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

Plantation Drive

No Plastic Campus

Green landscaping with trees and plants

Students participate in campaigns like "Adopt a tree"

Awareness about Deforestation

Conserve native species of plants and trees

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE I 1. Title of the Practice: Faculty up gradation for imparting Quality Teaching. 2. Goal: The Institute organizes faculty development programs (FDPs), seminars, workshops etc. for all the faculty members in order to achieve the following: (i) To enhance and upgrade knowledge and skills of faculty members. (ii) To promote research work in their field of specialization. (iii) To bring innovation and creativity in teaching learning process. (iv) To develop sensitization towards environment and other social issues. 3. The Context: Generally, such type of activities is being held for the faculty members every year. 4. The Practice: Financial support provided by the institute to all the faculty members who are willing to participate in FDPs/Workshops/Seminars. Also, best publication award is being presented to faculty members who publish their research in reputed journals. 5. Evidence of Success: Most of the faculty members of the institute get motivated and they show their willingness to attend and organize FDPs, Seminars, Workshops, Conferences and they also concentrate on publishing their research work in proceedings and journals of repute. 6. Problems Encountered and Resources Required: Lack of proper fund for doing research and non-availability of sophisticated equipment's.

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

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

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

7.3 – Institutional Distinctiveness

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

The institute geared up for providing inspiring learning experience to its students. The academic requirements like attendance policy, adherence to teaching schedules, and syllabus completion as per timeline and student performance in examinations were effectively planned, implemented and audited. Vision of the Institution is, to aspire for the welfare of society through excellence in science and technology. Institution consistently inspires students and provides platform for technical skill development,

multidisciplinary project development, Entrepreneurship development, Ethical and Human value development. With the trust of academic and technical excellence, Institution motivates and support students to participate in various competitions. Students learn ethics, team building, technical skills, presentation skills, project management and financial management. They also experience their physical strength, healthy competition environment and global standards by participating in globally recognized competitions. Institution not only encourages students to participate but also provides financial support. • Pedagogy for better teaching-learning process. • Institute-Industry Interaction. • Spiritual and Moral Training through team-work. • Daily bhajans in temple in college campus. • Celebration of religious festivals like Navaratri and Mata ki Chowki.

Provide the weblink of the institution

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

8.Future Plans of Actions for Next Academic Year

• Continuing with the tradition of striving for excellence, the Academic Calendar should be modified showing all the activities to be held in a session. • More guest lectures, industrial interaction and industrial visits must be scheduled to bridge the gap between classroom teaching and industrial requirements. • Social Outreach activities like blood donation camps, plantation drives, environment awareness events etc. to be organized. • More number of pre-placement activities is to be conducted for the final year students to help them optimally utilize the benefits of placement opportunities. • To implement the curriculum in a more effective manner, it is planned to follow new formats for lesson plan and evaluation. • Keeping in mind the environment, the use of paper for reporting and record keeping is minimized through recycle-reuse-reduce solution for various processes.



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	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

2. Institutional Status

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)	https://www.itsengg.edu.in/naac-aqar#2016-17
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	https://www.itsengg.edu.in/naac-academic-calendar#2017-18

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
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
A Seminar on Internal Quality Assurance - Enhancing Quality Culture in Higher Education	17-Oct-2017 01	25

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

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

[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	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
View File	

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

<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>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:</p> <ul style="list-style-type: none"> • 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 <p>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.</p>
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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
View File		

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
View File		

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
View File		

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
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
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
No Data Entered/Not Applicable !!!			
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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

[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-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

[View File](#)

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
View File				

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
View File					

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
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
ECE	10
ASH	4
View File	

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
View File						

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
View File						

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
View File				

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
View File			

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	Vedrana Foundation	Swachh Bharat Abhiyan	3	251
Tree Plantation	Vedrana 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
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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
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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
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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 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(spe cify)	26	45918	0	0	26	45918
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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
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	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	NOT APPLICABLE

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>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 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>https://www.itsengg.edu.in/naac-procedures-policies#2017-18</p>

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 implemetation	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

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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

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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 Leve					Saxena
2017	Silver at AKTU State Level	National	1	0	1622231002	Aditya Saxena
2017	Gold medal at AKTU Zonal Leve	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"> • 15 Days paid study leave in a financial year is provided by the institute to the Faculty members involved in pursuing higher studies. • The institute has laid down definite plans to encourage faculty to do research, write articles in journals and magazines, submit papers in workshop and conferences etc. • Towards this the institute has framed various schemes for faculty in terms of financial incentives, awards, provision of study leaves etc. • These would be strengthened further so that faculty has enough time at its disposal to conduct research and publish the outcomes.
Examination and Evaluation	<ul style="list-style-type: none"> • Evaluation of marks is contingent upon internal marks from continuous assessment test and external marks scored in End Semester Examination. • Continuous Assessment Tests (Sessional Tests) are conducted by the Examination Cell of the College and End Semester Examination by the affiliating University (AKTU). • Marks in the continuous assessment/internal assessment and End Semester Examinations are accounted for in the final results. • Mentor system is practiced to monitor the progress of the students throughout the program.
Teaching and Learning	<ul style="list-style-type: none"> • Establishment of the course plan for every subject well before the commencement of each semester along with the course handouts which are made available to all students on the start of the academic year. • Teacher's study materials are shared with students.

Organizing conferences, seminars, workshops, faculty development programs and guest lectures. • Deputation of 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

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.

Industry Interaction / Collaboration

• The college has interface with the industry at various levels which includes the following: ? Industrial/Summer Training of students. ? Student projects sponsored by the industry. ? Industrial visits. ? Campus placements ? State-of-the-art Centre of Excellence in collaboration with eminent multinational companies for providing summer training to students. ? Some of the students are encouraged to do projects

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 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.
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 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.

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	Personalit y Developm ent Program	Personalit y Developm ent 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
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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
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

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	Swachchhta Aviyan	Rural area illiteracy	140
2018	2	2	15/01/2018	2	Blood Donation Camp and Thalassemia Awareness	In Campus	101
2018	2	2	04/05/2018	2	No Plastic	urban and rural area	89

[View File](#)

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

Title	Date of publication	Follow up(max 100 words)
Human Value Professional Ethics	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
View File			

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.



Yearly Status Report - 2016-2017

Part A

Data of the Institution

1. Name of the Institution		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
2. Institutional Status		

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)	https://www.itsengg.edu.in/naac/2016/aqar
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	https://www.itsengg.edu.in/naac/2016/academiccalendar

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
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
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	Achivements/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
View File	

14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Board	15-Jun-2017

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2017
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Date of Submission	13-Nov-2017
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	<p>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,</p>
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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
View File		

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
View File		

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
No Data Entered/Not Applicable !!!			
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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
View File				

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
View File				

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 !!!					
No file uploaded.					

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
View File	

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
View File						

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 http://dx.doi.org/10.1016/j.jallcom.2016.08.246	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 http://dx.doi.org/10.1016/j.jallcom.2016.08.246	2017	122	0	YES
View File						

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
View File				

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
No Data Entered/Not Applicable !!!			
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
No Data Entered/Not Applicable !!!			
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
View File				

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
No Data Entered/Not Applicable !!!			

No file uploaded.

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
See annexure	See annexure	See annexure	01/06/2017	14/07/2017	See annexure
View File					

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
View File			

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
View File	

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

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 stakeholders 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>https://www.itsengg.edu.in/naac/2016/pp</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
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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
View File			

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
View File					

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
View File					

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
View File	

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
View File		

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
View File						

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"> • 15 days paid leave in a year for Faculty members involved in • 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.

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"> • Detailed Lesson Plan and related course materials are prepared by the faculty members. • Modern teaching aids are available in every classroom. • Attendance is monitored by HODs through Academic Daily Report (ADR) and Academic Weekly Report (AWR). • Regular meetings are held with faculty by HOD to discuss about course coverage. • 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
Teaching and Learning	<ul style="list-style-type: none"> • 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. • Study material (PPT / PDF) is shared by faculty with students • Organizing conferences, seminars, workshops 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.
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"> • Continuous Assessment Tests (Sessional Tests) are conducted by the Examination Cell of the College and End Semester Examination by the affiliating University (AKTU). • Marks in the continuous assessment/internal assessment and End Semester Examinations are accounted for in the final results. • Mentor system is practiced to monitor the progress of the students throughout the program.
Human Resource Management	<ul style="list-style-type: none"> • 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

	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
View File				

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	Personalit y Developm ent Program	Personalit y Developm ent Program	07/01/2017	07/01/2017	15	24
2017	C Programm ing		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 App lication	Training program of Google App lication	17/06/2017	17/06/2017	14	21
View File						

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
Entrepreneurshi p 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
View File				

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
View File		

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 (ii) parents teachers Interaction (iv) feedback from parents is collected from time to time.

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

1) 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
No file uploaded.					

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

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
View File							

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

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

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
View File			

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

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

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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

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.



Yearly Status Report - 2015-2016

Part A

Data of the Institution

1. Name of the Institution	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

2. Institutional Status

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)	https://www.itsengg.edu.in/naac-aqar#2015-16
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.itsengg.edu.in/naac-academic-calendar#2015-16

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
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Symposium on Quality Enhancement in Engineering Education	14-Oct-2015 1	12
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	DST - NIMAT	EDII, AHMDABAD	2016 365	40000
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)

? Development of roadmap, action plan and monitoring mechanism for all the programmes

? Monitoring of the teaching, learning and evaluation.

? Conduct of technical conferences/seminars/workshops/guest lectures.

? Promotion of inter institute competitive events to widen learning opportunities.

? Discussion of previously proposed activities and their outcomes.

[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	Achivements/Outcomes
Carrying out more of Seminars, Workshops, Industrial and Educational Visits as a part of the academic curriculum	Seminar, Workshops, Industrial and Educational Visits conducted by various departments
Career Guidance and Placement Cell to be strengthened	More than 80 % students placed
Encouraging students to excel in various sports events	Represented National Level as well as State Level
Plans chalked out for PreChristmas Celebration program	PreChristmas celebration program held on 15.12.2015
View File	

14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Board	15-Jul-2015

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2016
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Date of Submission	04-Oct-2016
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	<p>The institute wise information exchange among the faculty, students and academic administration is accomplished through intranet communication consisting of internal group mail id of the faculty, staff and various batches of students of each program. 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 FTP (File Transfer Protocol) on internet. ESCOP ERP system powered by Sonet Microsystems Pvt. Limited is</p>
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implemented in the institute to monitor daily academic activities for students and faculty members. This ERP is SMS and email integrated and having various advantages given 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 Admin.
- EMS Following HR modules are managed through EMS software:
 - a. Time Attendance
 - b. Leave Requests
 - c. Leave Management

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

1. Academic programs offered by the institute are B.Tech., M.Tech. & MBA. University examinations are conducted at the end of each semester. 2 Internal Examination are conducted in an academic year. 3 internal assessment examinations are conducted on university pattern for all exams. The requirement of subject wise teaching hours & course content is fulfilled as per UPTU guidelines. 4. The time table & teaching schedules are prepared accordingly. The syllabus is divided such that 40% syllabus is completed before 1st internal assessment, next 30% before 2nd internal assessment and last 30% before 3rd internal assessment (pre university test) . 5. Records maintained by subject faculty: topics covered date wise, student attendance and internal assessment marks. Students maintain practical files. Monthly faculty meetings are conducted by director to track syllabus coverage, attendance and performance in internal examinations. 6. Academic activities namely Guest lecture, Industrial visit and the internship programme in industry as well in Centre for Excellence. 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 !!!

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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
No Data Entered/Not Applicable !!!		

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
Scope of B. Tech Programs by Prof. Neeraj Khare , Professor, Indian Institute of Technology Delhi	03/08/2015	468
View File		

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	CSE	95
BTech	EEE	55
BTech	ECE	50
BTech	ME	88
MBA	Finance, HR, Marketing	29
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The college has a systematic process of collecting feedback from students. The feedback is collected online and generated through ERP. Every student is required to log into their account and answer 10 questions related to the performance of the teachers. Once the feedback is collected, it is analyzed by the concerned departments. All the insights are collected and then suitable

action is taken by the heads of departments and all the concerned people. There is an internal body in the college "Internal Quality Assurance Cell", which works closely with the feedback generated and then come up with the unique method of implementing the insights for the overall development of the institution.

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	120	165	81
BTech	Electrical and Electronics Engineering	60	41	21
BTech	Electronics and Communication Engineering	120	107	69
BTech	Mechanical Engineering	240	198	145
BTech	Computer Science and Engineering	180	229	188
MBA	Master of Business Administration	60	61	44
Mtech	Electronics and Communication Engineering	18	11	6
Mtech	Computer Science and Engineering	18	7	4
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2015	1883	54	171	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-	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
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	Resources)				
180	180	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 wherein the faculty acts as a link between the students and the institution. Each class has two mentors and the students are divided amongst them. The college offers a highly efficient mentoring system through which a group of 2530 students are assigned to a faculty member at the commencement of the program. Mentors meet their students and guide them with their studies and extracurricular activities and provide advice related to career guidance and personal problems. They also coordinate with the parents regarding the progress of the students. Mentors communicate with fellow faculty 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 Institute from time to time. There is an open hour given in the timetable wherein mentees can meet their mentors and seek their advice.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1883	180	1:15

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
180	180	0	0	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
No Data Entered/Not Applicable !!!			
No file uploaded.			

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	22/04/2016	09/08/2016
BTech	00	2nd Year	22/04/2016	27/07/2016
BTech	00	3rd Year	22/04/2016	20/07/2016
BTech	00	4th Year	22/04/2016	14/07/2016
BTech	10	1st Year	22/04/2016	09/08/2016
BTech	10	2nd Year	22/04/2016	27/07/2016
BTech	10	3rd Year	22/04/2016	20/07/2016
BTech	10	4th Year	22/04/2016	14/07/2016

BTech	31	1st Year	22/04/2016	09/08/2016
BTech	31	2nd Year	22/04/2016	27/07/2016
BTech	31	3rd Year	22/04/2016	20/07/2016
BTech	31	4th Year	22/04/2016	14/07/2016
BTech	21	1st Year	22/04/2016	09/08/2016
BTech	21	2nd Year	22/04/2016	27/07/2016
BTech	21	3rd Year	22/04/2016	20/07/2016
BTech	21	4th Year	22/04/2016	14/07/2016
BTech	40	1st Year	22/04/2016	09/08/2016
BTech	40	2nd Year	22/04/2016	27/07/2016
BTech	40	3rd Year	22/04/2016	20/07/2016
BTech	40	4th Year	22/04/2016	14/07/2016
MBA	70	1st Year	22/04/2016	09/08/2016
MBA	70	2nd Year	22/04/2016	27/07/2016

[View File](#)

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

Continuous Internal Evaluation System: Assessment of performance 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: Students are made aware of the evaluation process. IMP: Aspects of a student's development on a continuous basis throughout the year. The orientation programmes at the beginning of the new session begins through the following initiatives: Orientation on changes and amendments in the evaluation process through Tutorial • Academic Calendar with Exam dates • Teaching Plan contains evaluation procedures •system of the college Display in the College and Department Notice Board •Meetings Result Analysis Review Meeting: Result Analysis is done by the class tutors after every Test. Pass percentage of each course is calculated by dividing the total number of students appeared and passed in each course. The performance of the students is monitored by the Director and the necessary feedback is given to the concerned faculty members. The Director conducts Review Meetings department wise to give necessary feedback for the Progress Reports •Improvement of students' performance. Parents Meetings: The institution is keen on monitoring the performance of the students and reports to the Parents.

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 daytoday business at the academic institution, the academic calendar of the institution is prepared based on the Academic calendar of the University released for the complete year for both Odd and Even semester activities and prepare schedule accordingly The same is prepared and handed over to the students before the beginning of the Academic session after a brainstorming exercise with the management and the academia to schedule all activities for the students both in campus and off campus. The aim of preparing the academic calendar is to work out the number of teaching days as per the requirement and Guidelines in any institution, schedule the various examinations both internal and external, various planned activities to include various seminars, both national and international, Guest Lectures, Industrial

visits, sports fixtures The ITS Engineering College works in a very structured and organized manner to ensure that all activities are scheduled strictly as per the academic calendar and the 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 the Invitation of the Guest speakers, planning of Industrial visits with proper fine tuning with the Companies. All the important days are celebrated with enthusiasm and the same is planned in the academic calendar for organizing various functions. This structured usage of the academic calendar makes all aware ie both students, faculty and the management of all activities taking place and planning well ahead to ensure adequate time availability for a wellplanned 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#2015-16>

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
31	BTech	Electronics and Communication Engineering	90	61	67.78
40	BTech	Mechanical Engineering	88	65	73.86
10	BTech	Computer Science and Engineering	95	74	77.89
70	MBA	MBA	19	14	74
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-student-satisfactory-survey#2015-16>

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
View File				

3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Entrepreneurship Awareness Program	Entrepreneurship Development Cell	10/05/2015
Entrepreneurship Awareness Program	Entrepreneurship Development Cell	03/03/2016

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
Business Incubation	Business IncubationMSME	MSME	MSME	POC	15/06/2015
View File					

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
0	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	ASH	6	0
National	ASH	3	0
International	Computer Science Engineering	10	0
International	Electronics Communication	3	1.5
National	Electrical Electrical Engineering	2	0
International	Mechanical Engineering	3	1.42
International	MBA	3	2.43
National	Electronics and Communication Engineering	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
APPLIED SCIENCE	4
View File	

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
Product Development using modular Design Structure and Quality Function Development	Pandey Vijay, Saini Puneet, Ghose Joyjeet	Journal of Production Research and Management	2015	1	ITS Engineering College, Greater Noida and NIT Hamirpur, HP	0
Melocanna Baccifera (bamboo) leaves as corrosion inhibitors for iron in acidic media	Dr. Ruchi Shrivastava	Science and Technology Journal	2016	2	Yes	4
The sustainable Environmental management : Preaching in the atharva veda and its scientific verification	Dr. Anoop Narain Singh	National Seminar on Ancient Indian Science and Technology	2015	0	Yes	0
Repercussion of manufacturing techniques on mechanical and wear peculiarity of zno particulate filled polyester composites	Akant Kumar Singh, Sidhartha, Sanjay Yadav, Prashant Kumar Singh	Polymer Composites	2016	1	Yes	3

Perspectives of Cloud Computing Management : An Overview	Ms. Priyanka Chawla	Journal of computer Technology and Application, STM Journals	2015	0	Yes	2
Green Computing an approach towards a healthier environment	Ms. Priyanka Chawla	International Journal of Computer organization Trends	2015	3	Yes	0
Survey On Cryptography Based Digital Watermarking For Increased Security	Mahima Singh , Ankur Saxena	ITSEC International Journal of Engineering Sciences	2016	0	Yes	0
Environmental sustainability green policies of ICT private industry	Ms. Priyanka Chawla	Cyber Times International Journal Of Technology And Management	2016	0	Yes	0
Repercussion of manufacturing techniques on mechanical and wear peculiarity of zno particulate?filled polyester composites	Akant Kumar Singh, Sid dharta, Sanjay Yadav, Prashant Kumar Singh	Polymer Composites	2016	1	ITS Engineering College, Greater Noida and NIT Hamirpur, HP	3
View File						

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
Repercussion of manufacturing techniques	Akant Kumar Singh, Sid dharta,	Polymer Composites	2016	3	3	Yes

on mechanical and wear peculiarity of zno particulate?filled polyester composites	Sanjay Yadav, Prashant Kumar Singh					
Perspectives of Cloud Computing Management : An Overview	Ms. Priyanka Chawla	Journal of computer Technology and Application, STM Journals	2015	5	2	Yes
Green Computing An Approach Towards A Healthier Environment	Ms. Priyanka Chawla	International Journal of Computer organization Trends	2015	5	0	Yes
Survey On Cryptography Based Digital Watermarking For Increased Security	Mahima Singh , Ankur Saxena	ITSEC International Journal of Engineering Sciences	2016	0	0	Yes
Environmental sustainability green policies of ICT private industry	Ms. Priyanka Chawla	Cyber Times International Journal of Technology and Management	2016	5	0	Yes

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	17	14	34	32
Presented papers	17	7	11	25
Resource persons	8	0	2	12

[View File](#)

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
0	0	0	0
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
0	0	0	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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Health and Awareness	ITS Dental College Greater Noida	Dental Awareness	5	135
Swachh Bharat Abhiyan	Vedrana Foundation	Swachh Bharat Abhiyan	3	760
Health and Awareness	Internal Complain Committee	Aids Awareness	2	620
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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
0	0	0	0
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 annexture	See annexture	See annexture	01/06/2016	30/07/2016	See annexture
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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
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			students/teachers participated under MoUs
Hunan University	15/05/2015	Academic Collaboration	0
University of Leicester	09/04/2015	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
123	107

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	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
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Class rooms	Existing
Laboratories	Existing
Campus Area	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 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	51393	8331872	2078	778395	53471	9110267
Reference Books	3104	669132	31	7750	3135	676882
e-Books	100	0	52	0	152	0
Journals	94	249049	0	0	94	249049

e-Journals	198	304810	0	0	198	304810
CD & Video	2380	0	80	0	2460	0
Library Automation	1	81900	0	0	1	81900
Others (specify)	26	41267	0	0	26	41267
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
No Data Entered/Not Applicable !!!			
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	1092	720	1	16	120	40	186	50	10
Added	0	0	0	0	0	0	0	0	0
Total	1092	720	1	16	120	40	186	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
0	0

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
6.5	4.33	80	71.66

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)

CMS CORRECTIVE MAINTENANCE SYSTEM: • The institution is having Complaint Management Software (CMS). The entire stake holder are provided 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. • Turnaround time

to resolve any complaint is 02 days. However every Complaint is attended resolved as soon as possible. • If Complaint is not resolved within TAT period then it is auto escalated to the higher authorities by following escalation matrix: Escalation Matrix Level Particular Level I Resolver Level II Admin officer Level III DirectorAdmin • The institution has In house team to manage repair maintenance work. • The Complaint is categorized as per following categories. 1. IT 2. CIVIL a. Electrical b. Plumber c. Carpentry d. Building Maintenance 3. LABORATORY EUIPMENTS

<https://www.itsengg.edu.in/naac-procedures-policies#2015-16>

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	32	2286000
Financial Support from Other Sources			
a) National	PMSSS Scholarship	12	1914000
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 enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yog Prashikshan Shivir	17/09/2015	76	Vedaarna Foundation
Blood Donation Camp	09/10/2015	300	Rotary Club, Ghaziabad

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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 passedin the comp. exam	Number of studentsp placed
2015	Personality Development	0	95	0	50
2016	GATE Class	88	0	2	2

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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	3240	144	I.T.S Engg. College	1201	82
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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
2016	1	I.T.S Engg College Gr. Noida	Mechanical Engg	NIT Trichy	M. Tech
2016	1	I.T.S Engg College G. Noida	Mechanical Engg	IIIT Ranchi	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	2
View File	

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

Activity	Level	Number of Participants
Udghosh	Inter House	171
View File		

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/ International	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	1322213012	Riya Kalia
2016	AKTU State Bronze Medal	National	1	0	1322213012	Riya Kalia
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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)

Activity of Student Council representation of students on academic administrative bodies/committees of the institution College creates a platform for the active participation of the students in the various academic administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills.

REPRESENTATION OF STUDENTS IN VARIOUS COMMITTEES

1. IQAC • Two student members are nominated every year as part of Internal Quality Assurance Committee • These student members are representatives for all the students of institution. • These students attend the quarterly IQAC meetings and are free to put forward their views for any required actions needed for students' welfare.
2. Student Council A student Council Student extra curricular societies of the Institute have been formed for holistic development of the students of the college.
3. Alumni Committee Two students are members of the alumni committee and are incharge for maintaining the alumni records and contacting the alumnis at the time of organizing alumni meet.

STUDENT COUNCIL • Student council has been formed to enhance leadership skills and for overall development of the students. • Student council is headed by a Student President and has various extra curricular societies under it like: a) Dramatics society b) Arts society c) Dance and Music society d) Sports Society e) Debate society Student Council (SSC) representatives actively participate in various activities. They help in coordinating all the events related to academics and other co curricular Extracurricular activities, as per the directives of teaching faculty. They also motivate other students to take part in the activities conducted by the Institute. They work as a medium between faculty and students. Contribution of the Student Council

1. Coordination in communicating the information between students and Teaching faculty
2. Coordination in conducting special events like Sports day, Orination, Teacher's day etc.
3. Coordination in organizing Cultural events
4. Coordination in organizing Sports Games for the students.

ITS Engineering College, Greater Noida provides necessary support to the council members in organizing coordinating the events. It encourages the students to develop their leadership skills through these activities. Also, Monthly CRC Board Room meetings are conducted between the management and student representatives to gather their valuable feedback. These meetings help to assess student's perspective, which is helpful in development of the institution.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

124

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: 201516 Decentralization Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. LEVELS OF PARTICIPATIVE MANAGEMENT 1. Teaching Staff a) Governing Body b) IQAC c) Student Grievance Redressal Cell d) Women Grievance cell e) Antiragging Committee f) Examination committee g) Sports and cultural committee h) Alumni Committee 2. Non Teaching Staff a) IQAC b) Admission committee c) Antiragging Committee d) Material management committee e) Condemnation committee f) Examination committee 3. Students a) Students Council b) IQAC 4. External Representation: a) IQAC Outcome: The institute encourages teachers, students, parents, employers, alumni, staff, class coordinators and class representatives to share their ideas and suggestions through proper channels i.e through parentteacher meet, alumni meet, faculty student meetings, student feedback system, and through other various committee meetings. The inputs are reviewed and those which are in line with our institute's Vision and Mission Statements are considered for the decision making.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	Admission of students are made as per university norms.
Industry Interaction / Collaboration	<ul style="list-style-type: none"> Field visits, industrial visits at state, national and international levels. Collaboration with industries and other noted institutions to organize seminars, workshops and value added courses
Human Resource Management	<ul style="list-style-type: none"> A well established HR team manages Human Resource of the College. It is responsible for the attraction, selection, training, assessment, and rewarding of employees, while also overseeing organizational leadership and culture and ensuring compliance with employment and labour laws. HR Software has been put into place that allows employees to update their personal data, and skill sets, log times, and checkin/out. Managers can access all info about subordinates, have control on approvals, leave management, and even track time for jobs. Eliminate errors through automated data entry. Effortlessly consolidate attendance data from multiple devices, customize leave types, schedule jobs, and create timesheets.
Library, ICT and Physical Infrastructure / Instrumentation	<ul style="list-style-type: none"> The institute has completely automated library with subscription to National and International journals,

ejournals 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 latest audiovisual technology stateoftheart auditorium which can accommodate up to 1500 students an open Amphitheatre which hosts Intra and Inter college events round the year well designed lecture theatres equipped with latest audio visual aids, making teaching interactive and web based learning, live simulation exercise and project work make learning process more effective and enjoyable.

Research and Development

• 15 Days paid leave in a year for Faculty members involved in • We have definite plans to encourage faculty to do research, write articles in journals and magazines, submit papers in workshop and conferences etc. Towards this end, we already have various schemes for faculty financial incentives, awards, provision of study leaves etc. These would be strengthened further so that faculty has enough time at its disposal to conduct research and publish the outcomes.

Examination and Evaluation

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

Teaching and Learning

• Establishment of the course plan for every subject well before the commencement of each semester along with the course handouts which are made available to all students on the start of the academic year. • Teacher's study materials [Soft copyPPT slides/PDF presentation] are shared with students • Organizing conferences, seminars, workshops 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.
Curriculum Development	<ul style="list-style-type: none"> Multiple industrial Centres of Excellences have been established in the college including Apple IOS Applications Development Center Rockwell Automation Excellence Centre National Instruments (Ni) Innovation Centre EYantra: Embedded Systems and Robotics Lab R. Systems Android Application Development Syscom Innovation Development Centre Software Testing Centre SMC Pneumatics

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 Timetable, Recording of Lectures and attendance, Feedback by students. This MIS helps in distributing students in batches through batch management, the faculty subject allocation, allotting subject wise infrastructure. It allows students to select Choice Based Electives. This MIS system has students and Employee Grievance module which helps 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 egovernance mechanism. This has helps 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 desires to take admission for UG and PG program of the institute are required to make formal application online on institute's MIS system by

	registering themselves. The data collected through this process is further used for making merit list and admission list of the eligible candidates and for online payment of the necessary fees.
Examination	MIS of the institute has well defined modules for collecting the data related to marks of continues evaluation, Sessional Test, PreUniversity Test, Mid semester Test, End semester marks, collection of question papers, 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
2015	Mr. Shailesh Tiwari	Advance DBMS And Software Engineering in 6th International Conference on Computer Communication technology, held from 25-27 sept. 2015	MNNIT, Allahabad	7830
2016	Mr. Upendra Kumar Agarwal	IEEE MINI POCO R-10 (IEEE UP SECTION)	IEEE	3000
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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)
2015	MS Word	Teaching Non Teaching Staff	08/07/2015	08/07/2015	40	26
2016	Presentati on Skill	Teaching Non Teaching Staff	09/01/2016	09/01/2016	38	31

2016	New Technology Awareness Program	Teaching Staff	13/02/2016	13/02/2016	30	0
2016	Laughing Therepy for Health Improvemen t	Teaching Non Teaching Staff	12/03/2016	12/03/2016	32	26

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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
Machine learning and BAYESIAN REASONING	18	05/12/2016	07/12/2016	6
TGMC for mobility promoting good Resource	20	07/12/2016	15/12/2016	6
Research scope in Mechanical Engineering	25	05/12/2016	07/12/2016	6
ios App Development	24	05/12/2016	21/12/2016	6
Software testing its scope	26	05/12/2016	08/12/2016	6
Adaptable resource computing security	24	05/12/2016	21/12/2016	6
Innovation and Advancement in electrical Engineering	12	12/12/2016	14/12/2016	6
PLC and Scada	20	13/12/2016	15/12/2016	6
Advancement in Production in drived Engineering	25	19/12/2016	22/12/2016	6
Recent Trend in Mechanical Engineering	25	18/12/2016	22/12/2016	6
Basic pneumatic technology	22	13/12/2016	21/12/2016	6

Source and Application of RF Microwave	16	12/12/2016	13/12/2016	6
National Instruments	15	04/12/2016	10/12/2016	6
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
180	0	88	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. Maternity benefits (according to Maternity benefit act, 1961) Women employees are given the benefit of paid maternity leave . 2. Free of cost or discounted dental treatment Employees of the institution are given the benefit of free/ discounted dental treatments for self and family. 3. The College provides for salary advance to meet unforeseen and additional expenditure in case the employee has completed minimum one year of service subject to approval of HOD, Principal/Director College Authorities. 4. The College is registered under the Provident Fund Scheme where the employees are required to contribute 12 of their Basic Salary towards the said scheme. 5. GRATUITY (In compliance with Payment of Gratuity Act, 1972) Employees who have worked continuously for five years or more are paid gratuity for every fifteen days salary in a year. 6. GROUP MEDICAL INSURANCE COVERAGE BENEFITS • In order to provide the employees</p>	<p>1. Maternity benefits (according to Maternity benefit act, 1961 ammended in 2017) Women employees are given the benefit of paid maternity leave . 2. Free of cost or discounted dental treatment Employees of the institution are given the benefit of free/ discounted dental treatments for self and family. 3. CHILDREN EDUCATION SUPPORT, Eligibility: All employees drawing monthly gross salary upto Rs. 15,000/ and whose children are studying in school (Class 1 to 12), shall be eligible to receive this benefit. 4. GROUP MEDICAL INSURANCE COVERAGE BENEFITS • In order to provide the employees security and protection, the College provides an Insurance Scheme for the Admin and Technical staff, who are not covered under ESI Scheme. • This policy will cover unforeseen expenditure incurred by the employee in case of hospitalization due to any medical emergency. 5. The College is registered under the ESI Scheme and Employees drawing a</p>	<p>1. Rewards And Recognition: Various rewards and recognition conferred on students like: 2. Badges for subject wise 'Student of the Term' 3. Given for each subject, 2 times in an academic year: 4. After declaration of result of 1st internal examination 5. After declaration of result of 2nd internal examination 6. Criteria: Internal Assessment Marks Obtained in the Subject and Subject Attendance. 7. SECURING TOP 3 POSITIONS IN COLLEGE • 1st Position: 10,000 certificate • 2nd Position: 7,500 certificate • 3rd Position: 5,000 certificate 8. SECURING TOP 3 POSITIONS IN UNIVERSITY • Following in addition to rewards mentioned above: • 1st Position: 10,000 certificate • 2nd Position: 7,500 certificate • 3rd Position: 5,000 certificate 9. Students securing 4th to 10th Rank in college are given subject textbooks. 10. RESEARCH REWARDS: Students publishing</p>

<p>security and protection, the College provides an Insurance Scheme for the Admin and Technical staff, who are not covered under ESI Scheme.</p> <ul style="list-style-type: none"> • This policy will cover unforeseen expenditure incurred by the employee in case of hospitalization due to any medical emergency. 	<p>monthly Gross Salary up to Rs. 15,000/ are covered under the same. The scheme has the following benefits for its members: • Medical Benefit • Sickness Benefit • Maternity Benefit • Disability Benefit 6. The College provides for salary advance to meet unforeseen and additional expenditure in case the employee has completed minimum one year of service subject to approval of HOD, Principal/Director College Authorities. 7. The College is registered under the Provident Fund Scheme where the employees are required to contribute 12 of their Basic Salary towards the said scheme. 8. GRATUITY (In compliance with Payment of Gratuity Act, 1972) 9. Employees who have worked continuously for five years or more are paid gratuity for every fifteen days salary in a year. 10. Development programs to support staff.</p>	<p>research work in reputed journals are given cash prize and a certificate. 11. ATTENDANCE REWARDS: Students with 100 attendance are given prize in cash/kind and a certificate. The rewards are given quarterly. 12. BEST OUTGOING STUDENT AWARD • For Academics • For All Rounder • For Extracurricular (Sports Cultural)</p>
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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 transaction 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 requirement, gate pass and proper material inward note In case of purchases or availment 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 to the accounts of the students, fees has been due to the accounts of all

the students studying in the Institute, hostel fee has been due to the account of all the students who are staying in 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 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 new joinee 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, undertake 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. All the recommendation, as suggested by the Auditors in their report, is taken care

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
00	0	00
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6.4.3 – Total corpus fund generated

00

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	UPTU, Noida	Yes	Management, Director
Administrative	Yes	UPTU, Noida	Yes	Management, Director

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

1) Part of B.Tech and MBA orientation programs 2) A session on 'Career counseling for engineering management students' organized on 20 November 2015. 3) Placement of students in various industries after passing out from institution supported by parents from Parent Teacher Association.
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6.5.3 – Development programmes for support staff (at least three)

1) One day training program on MS Word. 2) Two days Training ptogram on Excel. 3) Soft Skills Development
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

1) Awareness about new technologies. 2) Students to learn apart from normal teaching. 3) Students to get hands on experience.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

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
2015	IQAC meeting	29/08/2015	24/08/2015	29/08/2015	12
2015	IQAC meeting	24/10/2015	19/10/2015	24/10/2015	12
2016	IQAC meeting	23/01/2016	18/01/2016	23/01/2016	12
2016	IQAC meeting	26/03/2016	21/03/2016	26/03/2016	12
2015	Academic Audit has been done in their prescribed format	25/07/2015	20/07/2015	24/07/2015	102
2015	Academic Audit has been done in their prescribed format	06/11/2015	02/11/2015	05/11/2015	135
2016	Academic Audit has been done in their prescribed format	09/01/2016	04/01/2016	07/01/2016	80
2016	Academic Audit has been done in their prescribed format	28/04/2016	22/04/2016	26/04/2016	108
2015	SYMPOSIUM of Quality Enhancement in Engineering Education	14/10/2015	14/10/2015	14/10/2015	12

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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
Talk on Gender Education in India	22/07/2015	22/07/2015	41	321
Seminar on Policy, Programme and Institutional Efforts to Mainstream Gender Issues in Education	12/08/2015	13/08/2015	22	438

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
Percentage of power requirement of the College met by the renewable energy sources is 15 by installing PV 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. Conscious 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	20/01/2016	1	Health Care	Ortho Dental Camps	15
2016	1	1	25/06/2016	1	Environment Safety	Tree Plantation	7
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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)
Ordinances, Regulations and Rules	03/09/2015	Conduct and behavior expected from students is clearly mentioned in student handbook which is given at the time of orientation. Code of conduct behavior expected from students is communicated to parents on day of orientation through presentation taken by principal. Antiragging affidavits are signed by students as well as parents. Sensitization lecture on antiragging taken for new students and antiragging squad activated and their visits documented.
HR Manual	06/12/2016	Professional ethics and expected code of conduct behavior is communicated at the time of joining.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Women's day celebration	08/03/2016	08/03/2016	150
No Tobacco Awareness Rally	31/05/2016	31/05/2016	300
Working in Teams - Workshop for NonTeaching Staff	03/09/2015	03/09/2015	80
Teacher's Day	05/09/2015	05/09/2015	100
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Plantation Drive
No Plastic Campus
Green landscaping with trees and plants
Students participate in campaigns like "Adopt a tree"

Awareness about Deforestation

Conserve native species of plants and trees

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE I Title of the Practice: Keeping faculty abreast with contemporary areas of the discipline so as to impart quality education. Objectives of the Practice: The Institute organizes faculty development programs (FDPs), seminars, workshops etc. for enhancing and upgrading knowledge of faculty members. Such practices have deep impact on quality enhancement and overall development of faculty as well as students. It positively impacts the academic functioning of the Institute and facilitates the role of teacher as educators and mentors. The Institution conducts FDPs/seminars/workshops/guest lectures with the following objectives: • To upgrade their knowledge and skills • To improve their effectiveness as teachers and mentors • To promote research work in their field of specialize • To inculcate values and ethics • To bring innovation and creativity in teachinglearning process • To develop sensitization towards environment and other social issues Various programs to enhance knowledge of faculty are conducted on timely basis in MSI. These includes FDP's/seminars/workshops, interactive sessions and motivational lectures from eminent persons on topics related to research, management, interpersonal communication, values and ethics etc. These talks acquaints the teachers with best practices across the world, helps in developing right research attitude, building professional ethics and becoming an effective teacher.

BEST PRACTICE II Title of the Practice: Pedagogy addressing outcome based education and heterogeneity of intellectual evolution (NO ONE IS LEFT BEHIND) Objectives of the Practice: The objectives/intended outcomes of this best practice are: • To facilitate effective teaching learning process in all the courses •To accomplish holistic growth of students and enhance their learning experiences and outcomes To ensure effective teaching learning, students are actively involved in the teaching learning process through studentcentred innovative pedagogies such as inquiry approach, constructive strategies, project learning, brainstorming sessions, ICT based learning and presentations. Monthly attendance of the students is intimated to the students and their parents. On the basis of low attendance, students are detained from appearing in examination (at the end of the semester). Each department submits an annual report on the activities comprising academic activities, research and extension activities. Innovations in teaching/learning, publications, staff and student achievements, extra and co curricular activities are also highlighted in the report. Annual reports of various departments are consolidated at the Director's office, which further goes to the Governing Body. To ensure quality sustenance and enhancement, the Institute periodically conducts the performance audit of the departments(by Internal Quality Assurance Cell) which includes review of teaching – learning methodologies, result analysis, research output, faculty development programs attended/conducted and extension activities, cocurricular and extracurricular activities conducted during the year.

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#2015-16>

7.3 – Institutional Distinctiveness

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

- The institute geared up for providing enriching learning experience to its students. The academic requirements like attendance policy, adherence to

teaching schedules, and syllabus completion as per timeline and student performance in examinations were effectively planned, implemented and audited.

- Vision of the Institution is, to aspire for the welfare of society through excellence in science and technology. Institution consistently inspires students and provides platform for technical skill development, multidisciplinary project development, Entrepreneurship development, Ethical and Human value development. With the trust of academic and technical excellence, Institution motivates and support students to participate in various competitions.
- Students learn ethics, team building, technical skills, presentation skills, project management and financial management they also experience their physical strength, healthy competitive environment and global standards by participating in globally recognized competitions.

Institution not only encourages students to participate but also provides financial support.

- Spiritual and Moral Training ? Daily bhajans in temple in college campus ? Celebration of religious festivals like Navaratri and Mata ki Chowki ? Motivational talk by learned speakers from Chinmaya Mission, Noida

Provide the weblink of the institution

<https://www.itsengg.edu.in/naac-poi#2015-16>

8.Future Plans of Actions for Next Academic Year

Continuing with the tradition of striving for excellence, the Academic Calendar would be prepared. This year, we plan to make the Academic Calendar more 'actionoriented', especially as per the needs of various Departments. More extension lectures, industrial interaction and industrial visits will be scheduled, so as to bridge the gap between classroom teaching and industrial requirements. Also, keeping in mind the high level of stress among youth, new activities would be planned for the mental wellbeing of the youth. More activities of Social Outreach would be organised like donation camps, blood donations, plantation drives, environment awareness events etc. Apart from increasing the activities in these regular areas, we at MSI plan to do the following additional things in the next academic session

1. PrePlacement Activities: We are planning to conduct a large number of preplacement activities for the final year students of various courses, so as to help them optimally utilise the benefits of placement opportunities. This is being initiated on basis of feedback received from various stakeholders.
2. Alumni Registration: In this academic session, we also plan to expedite the process of registration for the alumni. Currently more than one thousand alumni are regularly in touch with the institution, contributing towards making the institute a centre for excellence. Through registration, we would be able to unleash the huge potential of the alumni placements at respectable positions in different organisations globally.
3. Course Management: To implement the curriculum in a more effective manner, it is planned to follow new formats for lesson plan and evaluation. These have already been circulated to faculty members. Also progression of each student will be tracked to cater to individual differences.
4. RecycleReuseReduce: Keeping in mind the environment being harmed unnecessarily because of use of paper for reporting and record keeping, we at MSI would like to initiate the triple R solution for various processes. The aim is to move towards paperless office, for which we would identify various processes which can be made completely paperless in the first stage. Adding more processes to have a seamless system with minimum use of paper and hence contribute towards protecting tress and saving the earth.