



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	KAKINADA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr. Rama krishna
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08842304050
Mobile no.	9849995798
Registered Email	office@kietgroup.com
Alternate Email	ramkiran8000@gmail.com
Address	Yanam Road, Korangi Tallarevu Madal East Godavari District
City/Town	kakinada
State/UT	Andhra Pradesh
Pincode	533461

<b>2. Institutional Status</b>					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Prof. D . S Ram kiran			
Phone no/Alternate Phone no.		08856231241			
Mobile no.		7093763654			
Registered Email		ramkiran8000@gmail.com			
Alternate Email		office@kietgroup.com			
<b>3. Website Address</b>					
Web-link of the AQAR: (Previous Academic Year)		<a href="http://www.test.com">http://www.test.com</a>			
<b>4. Whether Academic Calendar prepared during the year</b>		Yes			
if yes, whether it is uploaded in the institutional website: Weblink :		<a href="http://www.test.com">http://www.test.com</a>			
<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B++	2.90	2018	01-Aug-2018	01-Sep-2023
<b>6. Date of Establishment of IQAC</b>			02-Feb-2017		
<b>7. Internal Quality Assurance System</b>					
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		
academic administrative audit	01-Jun-2019 8		30		

L::asset('/', 'public').'/public/index.php/admin/get\_file?file\_path='.encrypt('Postacc/Special\_Status/'. \$instdata->upload\_special\_status))}

[View Uploaded 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
NIL	NIL	NIL	2018 0	0

[View Uploaded File](#)

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

Yes

Upload latest notification of formation of IQAC

[View Link](#)

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

4

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

Yes

Upload the minutes of meeting and action taken report

[View Uploaded File](#)

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

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

Feedback Systematised Reviewed the program of implementation of Strategic Plan. Revised the Faculty Performance Appraisal System Measures taken to ensure health and safety through, the installation of fire fighting system, frequent testing of water quality, inspection of hygiene and quality of food served at the Canteen and Cafeteria Established new labs including Knowledge Lab, eYantra and Robotics Lab.

[View Uploaded File](#)

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

Plan of Action	Achievements/Outcomes
4. Explore opportunities for International Collaborations.	4. International Collaboration

1. Enhance quality of Teaching and Learning by introducing innovative Teaching Methods.	1. Active and cooperative, Learning introduced was proved to be beneficial for students belonging to the different levels.
2. Prepare and submit project proposals for external funding and collaboration with other Research Organisations, industries and government agencies.	2. Various project proposals have been submitted and the details of the sanctioned projects are given in Criteria VI & III.
3. Organize International Conference and National Level Workshops.	3. Organized one International Conference ICAMEo-19 (International Conference on Applied Mechanics & Optimisation and a National Conference in "Advances in Structural Engineering".
<a href="#">View Uploaded File</a>	

<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
<b>16. Whether institutional data submitted to AISHE:</b>	No
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>"Management Information System" (MIS) is one of the important academic practices adopted by KIET, aimed to bring about total quality in engineering education and management. Management Information System focuses on coordination among the institute, staff, students, parents and other stakeholders in dissemination of information on time. MIS helps all the faculty members to interact with the stakeholders pertaining to the information about student details, institute facilities etc. The faculty can upload the course files, electures, student attendance, internal marks, student performance, Calendar of events, etc. Modules currently operational: ? Academic Management System ? Examination System ? Library Management System ? Web Management System ? Personnel Administration Management System ? SMS alert to parents about their ward's attendance. ? SMS/Letters are sent to the parents</p>

on attendance and internal marks secured by their wards. ? Counselling is provided for both parents and students by constant monitoring, through career guidance cell and class mentors.

## 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

? Qualified and experienced staff members are recruited through selection process and multimedia teaching aids like LCD, OHP are provided. ? Faculty members prepare the course file for their subject, and delivers as per the plan, so that students attain the intended course outcomes, programme outcomes and programme specific objectives/outcomes. ? At the beginning of every semester, course file and all relevant activities for the concerned course will be submitted to HOD to ensure the quality of the content delivered. ? Academic audit is carried out every semester by IQAC to ensure the quality teaching. ? Besides regular classes, special training to the students by eminent academicians and industrial personnel will be arranged. ? Video clips are procured and shown to students for better comprehension. ? Some of the Senior faculty members are deputed for long duration skill development programmes. ? Faculty are encouraged to improve their qualifications and also to become members of professional bodies. ? Modern teaching aids are adapted for class room / Lab teaching The school 's mission and vision are shown at the principal passage of the school and are is imparted to the understudies through the outline to recently conceded understudies each year by leading an enlistment program called "ABHIYAAN" and furthermore posted on the school site: <http://www.kiet.ac.in> The establish vision and statements of purpose are shown in graduated class meet "KIET ALUMNI MEET", Graduation day function and are likewise talked about in parent-educator gatherings to make the mindfulness among the guardians

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
Robotics	nil	02/08/2018	6	Technical workshop	skill development
Arduino Programming	nil	29/09/2018	6	Technical workshop	skill development
AUTOCAD training	nil	07/12/2018	6	Employability	skill development
STTP on "EVehicle: A Green Approach for Sustainable Development"	nil	18/04/2019	6	Employability	skill development
Game	nil	30/08/2019	6	Technical	skill

designing				workshop	development
AUTOCAD training	nil	28/11/2019	6	Employability	skill development

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
BTech	ECE	01/06/2018
BTech	CSE	01/06/2018
BTech	MECH	01/06/2018
BTech	CIVIL	01/06/2018
BTech	EEE	01/06/2018

[View Uploaded 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	NIL	01/06/2018

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

	Certificate	Diploma Course
Number of Students	1577	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
ABHIYAAN	05/07/2018	100
Motivation	13/12/2018	125
Personality Development	04/04/2019	178
Communication Skills	05/06/2019	212
Team Work	15/08/2019	78
Research Analytical Skills	04/12/2019	90

[View Uploaded 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	Automatic Number Plate Recognition	27
BTech	Artificial Intelligence bug tracking	18
BTech	.....Blockchain -innovation	29
BTech	Web technology	31

BTech	Java and Android	19
BTech	App development in iOS	20
BTech	Web Designing & Android App Development	27
<a href="#">View Uploaded File</a>		

#### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
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 feedback from different stakeholders (student, Teachers, Employers, Alumni, and parents) is collected during customary gatherings of these groups. The regular feedback from different stake holders is gathered for the audit in the review of the college academic committee meetings. By combining the suggestions given by all the stakeholders regarding curriculum and its effectiveness in terms of industry needs are fused in the educational programs process. Based on the recommendations of IQAC committee, the HOD's does the modifications to the program curriculum achievements. In curriculum design, core, professional electives will be chosen based on the recommendations of stakeholders. The consolidated selection of all courses will be chosen based on components of recommendations given by stake holders.</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	CE	60	49	49
BTech	EEE	120	73	73
BTech	ME	240	129	129
BTech	ECE	240	209	209
BTech	CSE	120	114	114
MCA	MCA	60	28	28
MBA	MBA	300	300	300
Mtech	PE	18	17	17
Mtech	MD	18	16	16
Mtech	CAD/CAM	18	18	18
Mtech	VLSID	36	34	34
Mtech	CSE	24	23	23

Mtech	CS	36	16	16
Mtech	SE	18	18	18
<a href="#">View Uploaded File</a>				

## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2450	994	124	103	64

## 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
227	227	72	72	72	72

No file uploaded.

No file uploaded.

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

Mentoring system was developed in our institution to achieve professional fulfilment and assessment of student's academic progress as well as personal growth. Almost all faculty members are acting as mentors and 2025 students are allotted to each mentor. Mentors are conducting meetings 23 times in a semester and also at required time. Some of the functions of a mentor are given below: ? Updating of profiles periodically ? Recording of attendance for every 15 days and counselling when the attendance is less than 80. ? Informing parents when the attendance is less than 75. ? Recording of mid marks at the end of mid exam. ? Conducting counselling for the students who scored mid marks less than 50. ? Recording of end exam grades at the end of semester. ? Assisting weak students and encouraging bright students based on their results. ? Recording of student achievements and encouraging students to attend technical events/symposia/workshops/seminars. ? Recording of information about placements and higher studies. Types of Mentoring: (a) Professional guidance: ? Motivate students to attend technical events/symposia/workshops/seminars. ? Encourage students to discuss their ideas. ? Stimulate students thinking towards innovation in projects leading to entrepreneurship. ? Persuade them to upgrade their domain knowledge and skills. (b) Academic guidance: ? Share information of academic plans, academic schedules and elearning resources. ? Identify students with poor attendance and ensure that they improve their attendance by getting counselled in the presence of mentor and HOD. ? Focus on academically weak students, by providing them with additional reading materials, model questions along with solutions and encourage them to attend the remedial classes. ? Encourage the bright students to attend more workshops and technical talks. (c) Career advancement: ? Encourage students to do certification courses in order to build on their qualifications related to their career. Ex. NPTEL ? Provide Career Guidance/Campus Recruitment Training (CRT) and other Training apart from arranging campus recruitment drives by the Training Placement Cell. (d) Laboratory specific: ? Counsel absentee students to attend regularly for the laboratory classes to complete backlog experiments during specified extra hours. ? Arrange special lab coaching for Students with backlogs in external lab exams. (e) Personal development: ? Encourage the student to take the help from Psychologist employed by the college, if necessary. ? Empower and enable inner adjustments by individual students to encounter and cope up with physical, emotional, mental, social and environmental challenges through student counsellor interaction/ through meditation/ workshops /other specialized workshops activities. ? Engaging in family /peer counselling by Counsellor/ HOD to strengthen student's interpersonal relationships thereby improving their performance



Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3449	227	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
249	227	22	227	4

### 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
2018	NIL	Assistant Professor	NIL
<a href="#">View Uploaded File</a>			

## 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	UG	SEM1	12/11/2018	07/12/2018
Mtech	PG	SEM1	17/01/2019	18/04/2019
MBA	PG	SEM1	24/01/2019	25/04/2019
MCA	PG	SEM1	24/01/2019	25/04/2019
<a href="#">View Uploaded File</a>				

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

The reforms are continuously adopted by all colleges affiliated to a particular University as per orders of the Department of Higher Education. With introduction of semester system both external and internal evaluations were started. Out of these the internal evaluation was reformed by taking it continuous and comprehensive. It includes continuous evaluation of the students on various bases. For the effective implementation of the reforms advised by the university, the college has an exclusive Examination Cell headed by a Senior Faculty for overseeing the conduct of all the internal and external examinations. Question papers are set by different faculty and handed over to the Examination Cell before 03 days of conducting examination for ensuring smooth conduct of the evaluation. The results are analysed and reviewed by the HoD so as to plan and execute corrective actions, if any. Being an affiliated college, it follows the rules prescribed by the University. The college sanctions "On duty" permission to the teachers going for central valuation of answer papers organized by the University. The HOD/Senior faculty verifies the pattern, quality and correctness of the question papers of university exams. If any deviation is found, it is represented to the university through the exam cell. The University constitutes a board of examiners separately for central

valuation of each category (for various sciences, humanities and for various engineering and technology disciplines) consisting of a Chief Examiners and Examiners. There is a provision in the University for revaluation of the answer scripts. On the recommendations of HoD and Principal, the answer scripts of University examinations are revaluated by the University. In case the student is not satisfied with the outcome of the revaluation or the marks obtained by him, university has a provision to go in for a CHALLENGE valuation . However the marks obtained by the student will be the best of all the above. The institution continuously reviews the evaluation process done internally and necessary changes as and when applicable/ required are implemented. There are three tests which form part of internal evaluation for every subject. The institute encourages the teachers to experiment with various evaluation techniques to test learning of students. In addition to the above, regular assignments are also part of the evaluation process.

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

The academic calendar issued by the affiliating university forms the basis for designing college academic calendar. In a semester, there are two tests and two assignments. Each of the tests consists of descriptive questions as well as Objective. They take 80 from better one and 20 of remaining of the two tests is considered for final internal assessment. As per the JNTUK regulations, the marks allotted internal exams are 30 and to that of external exams are 70. The objective paper is for 10 marks and online objective paper is for 05 marks and remaining 05 marks for assignment. Objective paper is set by the university for 20 bits of - multiple choice questions, filling the blanks for the 10 marks. Subjective paper of each semester shall contain 6 full questions (one from each unit) of which, the student should answer 3 questions, each carrying 16 marks

First midterm examination shall be conducted for 3 units of syllabus second midterm examination shall be conducted for remaining 3 units.5 marks are allocated for Assignments (as specified by the concerned subject teacher) - first Assignment should be submitted before the conduction of the first mid and the second should be submitted before the conduct of the second mid. The total marks secured by the student in each midterm examination are evaluated for 30 marks, and the average of the two midterm examinations shall be taken as the final marks secured by each candidate. For practical subjects, there shall be a continuous evaluation during the semester for 25 sectional marks and 50 end examination marks. Out of the 25 marks for internal, daytoday work in the laboratory shall be evaluated for 15 marks and internal examination for practical shall be evaluated for 10 marks conducted by the concerned laboratory teacher. The end examination shall be conducted with external examiner and laboratory teacher. The external examiner shall be appointed from colleges as decided by the University examination branch. Evaluation of mini projects and main projects is also under the purview of University. The midterm examination marks are to be uploaded to university in the stipulated time mentioned in the academic calendar. Lab external marks are to be uploaded to the university on the same day of completion of external exam. College should upload the internal marks of mini Project, technical seminar, comprehensive viva and main project in the stipulated time given by University. University puts together internal marks and university semester end exams and declares the results.

## 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.test.com>

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
UG	BTech	CIVIL	49	19	38
UG	BTech	ECE	234	130	55
UG	BTech	ME	209	88	42
UG	BTech	CSE	111	77	69
UG	BTech	EEE	92	34	36
PG	Mtech	COMPUTER SCIENCE	15	3	20
PG	Mtech	CSE	22	15	68
PG	Mtech	SOFTWARE Engineering	17	13	76
PG	Mtech	VLSI	33	16	48
PG	Mtech	MACHINE DRAWING	16	6	37
PG	Mtech	POWER ELECTRONICS	17	7	41
PG	MCA	MCA	49	24	48
PG	MBA	MCA	207	54	26
<a href="#">View Uploaded File</a>					

## 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.test.com>

## 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
Minor Projects	0	NIL	0	0
<a href="#">View Uploaded File</a>				

### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
A Two Day Workshop on building awareness on IPR	CE	10/08/2018
A One Day Seminar on Intellectual Property Rights	ME	06/09/2018

A One Day seminar on Intellectual Property Rights seminar on IPR Awareness for Electronics/ Industry	EEE	08/11/2018
Effective use of IPR in Business Management	MBA	14/03/2019
A Two Day National workshop on IPR Issues in Cloud Resource Provisioning	CSE	18/04/2019
A One Day workshop on Digital Transformations on 2017	ECE	14/06/2019

### 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
NIL	NIL	NIL	01/06/2019	NIL
<a href="#">View Uploaded File</a>				

### 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
NIL	NIL	NIL	NIL	NIL	01/06/2019
<a href="#">View Uploaded File</a>					

## 3.3 – Research Publications and Awards

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

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
ECE	1
MECH	1

### 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	MCA	2	1
National	MBA	4	1.5
National	ECE	9	1.5
National	CSE	6	1
National	ME	7	1.5
International	ECE	2	1
National	CE	6	1.5
National	EEE	4	1

International	CSE	2	1
<a href="#">View Uploaded File</a>			

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

Department	Number of Publication
ECE	3
CSE	2
ME	2
CE	2
<a href="#">View Uploaded File</a>	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Mathematical Modeling of soft switched Single Stage Multistring Inverter with multirated ETT photovoltaic modules.	Mr.K . Dhanaraj	IJARIIIT	2018	0	KIET/JNTU	0
Induction Motor Control With Small DC Link Capacitor Inverter Fed By Three Phase Diode Rectifier	Mr.D Srinivasarao	IJSEAT	2018	0	KIET/JNTU	0
PV Active Power Filter Combination Supplies Power To Non Linear Load	Mr. P koteswararao	IJSEAT	2018	0	KIET/JNTU	0

CPABE Scheme With User Revocation For Cloud Storage System	Mr CH.SUBHASH	IJSEAT	2018	0	KIET/JNTU	0
A Control Scheme For A 3 -Phase Power Converter With An Unbalanced AC Source	Mr. P koteswararao	IJSEAT	2018	0	KIET/JNTU	0
ENHANCED BUG TRIAGE USING EFFECTIVE TERM SELECTION METHOD FOR A HIGH QUALITY BUG DATA SET	Mr T.NAGARAJU	IJETCSE	2018	0	KIET/JNTU	0
Insider Threat detection with KNN User Classification and Multifactor Authentication	Prof. Subash Chandra	RTEICT	2018	1	KIET/JNTU	1
<a href="#">View Uploaded File</a>						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Mathematical Modeling of soft switched Single Stage Multistring Inverter with multirated ETT photovoltaic	Mr.K . Dhanaraj	IJARIIT	2018	1	0	KIET/JNTU

modules.						
Induction Motor Control With Small DC Link Capacitor Inverter Fed By Three Phase Diode Rectifier	Mr.D Srinivasarao	IJSEAT	2018	1	0	KIET/JNTU
Insider Threat detection with KNN User Classification and Multifactor Authentication	Prof. Subash Chandra	RTEICT	2018	2	1	KIET/JNTU

[View Uploaded File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	14	9	12
Presented papers	0	38	10	6
Resource persons	0	4	2	2

[View Uploaded 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
Republic Day celebrations in campus organised by NSS	NCC	2	100
EHS( Environment, Health and Safety) Rally	NCC	2	80
NSS Special camp at Gorripudi	NSS	2	50
Mega Blood Camp conducted by RED	NSS	3	80

CROSS			
International Yoga Day	NCC	3	60
World Population Day ( Debate,Essay writing, Poster making) Conducted by	NSS	2	100
Hepatitis Rally conducted by APOLO Hospital,Kakinada	NSS	2	60
Mega Blood Camp conducted by RED CROSS	NSS	3	60
Independence Day celebrations in campus organised by NSS	NCC	3	80
Seventh Convocation Event in JNTUK ( Mega Blood Camp Plantation programme)	NCC	2	100
Teachers day celebrated by NSS in Campus	NSS	2	100
<a href="#">View File</a>			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS Programme	University Best NSS Programme Officer Award for MamidalaSubramanyam	JNTU	1012
<a href="#">View File</a>			

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
Yoga Day at KIET	KIET Group of Institutions, Korangi	NSS	8	100
World Environmental Day Rally	KIET Group of Institutions, Korangi	NSS	6	200
Swach Bharat Programme at	KIET Group of Institutions,	NSS	4	170



KIET	Korangi			
Blood Donation Camp Conducted by Rotary Club Members	KIET Group of Institutions, Korangi	NSS	7	100
Clean and Green	KIET Group of Institutions, Korangi	NSS	4	160
Free medical camp	KIET Group of Institutions, Korangi	NSS	4	200
<a href="#">View File</a>				

### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
BOSSMOOL LAB AT KIET by IITCHENNAI	200	college support	8
JAY ROBOTICS	500	college support	8
<a href="#">View File</a>			

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
Scilab Lecture demo nstration	Scilab Lecture demo nstration	tech labs	08/08/2018	09/08/2018	100
GILLS INSTRUMENT ON IOT BY UDAYA KUMAR	GILLS INSTRUMENT ON IOT BY UDAYA KUMAR	gills ins	11/09/2018	12/09/2018	100
GUEST LECTURE ON TD BY SUBHODGUEST LECTURE ON TD BY SUBHOD	GUEST LECTURE ON TD BY SUBHODGUEST LECTURE ON TD BY SUBHOD	srkr engg coll	02/01/2019	04/01/2019	250
BSNL, VISH AKAPATNAM INTERNSHIP	BSNL, VISH AKAPATNAM INTERNSHIP	bsnl	13/03/2019	14/03/2019	180
NPTEL WORK SHOPNPTEL WORKSHOP	NPTEL WORKSHOP	NPTEL	11/07/2019	18/07/2019	49
<a href="#">View File</a>					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
FARAS	01/12/2018	SKILL DEVELOPMENT	3000
TALENTIO	10/04/2019	SKILL DEVELOPMENT	4000
<a href="#">View File</a>			

#### 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
85	84

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
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
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
No file uploaded.	

##### 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
Bees Campus software/Bees ERP	Fully	1.0 or 3.0	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	43164	9213274	201	61784	43365	9275058
Reference Books	5217	80104	58	2100	5275	82204

e-Books	10955	11500	0	0	10955	11500
Journals	57	100000	9	1500	66	101500
e-Journals	1110	100000	0	0	1110	100000
Digital Database	45	1390000	0	0	45	1390000
CD & Video	1334	100000	30	14000	1364	114000

[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
Ram Kiran	DIGITAL ELECTRONICS	HARDWARE	08/11/2018
K C PRADEEP	STATISTICS WITH R PROGRAMMING BY PROF.K.C. PRADEEP, KIET GROUP OF INSTITUTE , KAKINADA.	SOFTWARE	04/04/2019

[View File](#)

### 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	994	15	50	15	20	1	8	50	0
Added	0	0	0	0	0	0	0	0	0
Total	994	15	50	15	20	1	8	50	0

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
OPTICAL FIBRE COMMUNICATION BY Prof D.S.RAM KIRAN , KIET	<a href="https://www.youtube.com/watch?v=1DOP9waBHD0&amp;feature=youtu.be">https://www.youtube.com/watch?v=1DOP9waBHD0&amp;feature=youtu.be</a>
INTRODUCTION TO SOFTWARE ENGINEERING BY Prof VADALI SRINIVAS , KIET COLLEGE	<a href="https://www.youtube.com/watch?v=YbwWbl7jFFw&amp;feature=youtu.be">https://www.youtube.com/watch?v=YbwWbl7jFFw&amp;feature=youtu.be</a>

### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
30	24	10	8

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)

CLASSROOMS ? Classrooms allocation is structured by the head of the department for all the years in beginning of the semester ? Classroom lectures take place based on PPTs along with chalk board to create Elearning to the students through digitalized classrooms. ? Sweepers take care of the class cleanliness every day, Infrastructure rectification process takes place before the beginning of the semester. ? The infrastructure is frequently inspected for any damages and attended immediately to resolve. SPORTS COMPLEX ? Every sports activity is carried in the presence of physical education director. ? Efficient Students are selected through the selection process, the selected students get special training who shall be participating in inter college, intracollege, university state sports competitions. ? Sports goods, Playfields, and other sportsrelated items go through maintenance checkup from time to time. COMPUTER LAB ? Every computer lab is monitored by a system administrator who takes complete care and control of the computer lab. ? System administrator shall receive the lab software, slots requirement details of every year and branch from the HODs of all the departments. Then the system administrator shall allocate the slots and install software, if required, to conduct smooth lab practicals. ? During the lab sessions, students were expected to be on time within uniforms and identity cards who shall enter their check in and out to the lab in the log in registers. ? The lab session is monitored by the lab programmer and hardware technician who take care of the software and hardware along with the lab incharges. ? The computer laboratories are provided with UPS connectivity to protect hardware and software from power related failures. ? The college chief electrician and the supporting staff take care of electrical equipment and their maintenance. ? At the end of the day, maintenance check shall be conducted to make sure all the systems are in proper condition. CENTRAL LIBRARY ? Students are asked to fill in the library registration form for the library membership card for four years. ? Staff members are also asked to fill in the library registration form for the library membership at the time of joining. ? The library underwent a digitalized structure through Beessoftware were all the details of the books in the library are made available in the software. ? The library will be kept open for borrowers from 9:00 am to 4:00 pm in all working days. ? The issue counter will be kept open daily from 9:30 am to 4:00 pm (timetable). ? The person desirous of using the library shall enter his/her name and branch legibly in the Gate Register. ? Bags and other personal articles shall be deposited at the property counter and not be brought into the library. ? No person shall be allowed to write, damage or mark of underline on any book or other material belonging to the library. ? Silence shall be strictly observed, indiscipline cannot be tolerated. ? No reference books will be issued to students and faculty members. ? A loose sheet of white paper only is allowed into the reference section. ? Notebooks will not be permitted under the reference section. ? Any misuse of the library account leads to default and the defaulter will be blacklisted. ? In case a book is missing, the borrower has to pay the double the cost of the book with a fine. ? Borrowers shall be required to renew their books once in every 15 days or else fine will be collected from them Rs1/ per day for every book. ? Anyone violets the rules and regulations of the library would be liable to lose the privilege

of the library membership in addition to the disciplinary action. ? Library as a knowledge center is provided with all the required textbooks, reference books, journals and general books which help in enhancing learning skills. ? The library staff takes care of all the library related issues. LABORATORIES ? All the labs are monitored by a lab incharge, lab assistant and lab technician for all the semesters. ? The following records are maintained in the lab login register stock register purchase file and bills file. ? Enquire on lab instruments regarding repairs and purchases are made by the head of the department. ? Instructions on the lab locations are passed by the head of the department at the beginning of the semester to the lab dealing staff. ? Lab technician /service engineer takes care of the instruments repairing works. ? Every section is split into two batches and lab sessions are conducted according to the timetables. ? The infrastructure is frequently inspected for any damages and attended immediately to resolve. ? Laboratories are provided with sufficient space and are equipped with experimental setup suitable for academic and research needs. Seminar Hall ? Sir Arthur cotton Seminar hall is a big asset of our college equipped with the audio system, centralized AC, LCD projector. ? It is capable of 300 strength. It is maintained under the surveillance of Estate Officer. ? Prior permissions should be finalized from Incharge if any program is scheduled. ? Maintenance problems rectified time to time. ? The campus is accompanied by Open Air Auditorium up to 2000 strength. ? Each Department keeps in existence of Individual Seminar hall. KIET CANTEEN ? KIET has an ambient canteen which provides Hygienic Delicious Food. ? Class IV staff members are provided with free food. ? It Accommodates students and staff with Subsidized food items like Breakfast Rs.10/ Sambar Rice Rs.20/ Curd Rice Rs.15/ Biryani Rs.25/ Meals Rs.50/

<https://www.test.com>

## 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	KIET SCHOLARSHIP	412	5000000
Financial Support from Other Sources			
a) National	FEE REIMBURSEMENT	2679	84000000
b) International	NIL	0	0

[View File](#)

#### 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
Soft Skill Training	08/08/2018	490	College
Personal counseling and mentoring	15/11/2018	490	College
Addon course in creative and technical writing	20/12/2018	490	College

Yoga	13/03/2019	155	College
Bridge course - Fundamentals of java	19/06/2019	509	College
<a href="#">View File</a>			

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

Year	Name of the scheme	Number of benefited 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	GATE coaching	120	0	32	24
2019	Mock interview for placement	0	242	138	112

[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
23	23	6

## 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
SOFTWARE COMPANIES	465	201	nil	0	0

[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
2018	20	BTECH	CE	JNTUH	MTECH
2018	8	BTECH	MECH	KL	MTECH
2018	6	BTECH	CSE	JNTUK	MTECH
2018	24	BTECH	ECE	JNTUH	MTECH
2018	11	BTECH	EEE	JNTUK	MTECH

[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	21
CAT	3
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
BASKETBALL	NATIONAL	110
ATHLETICS	NATIONAL	150
VOLLEY BALL	NATIONAL	300
KHOKHO	NATIONAL	150
YOGA	NATIONAL	120
<a href="#">View File</a>		

**5.3 – Student Participation and Activities**

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	BASKETBALL	National	1	0	17B21E00P6	suresh
2018	ATHLETICS	National	1	0	17B21E00O6	gowtham
2018	VOLLEY BALL	National	1	0	17B21E00P3	suresh
2018	KHO-KHO	National	1	0	16B21E00A2	chaitanya
2018	YOGA	National	1	0	16B21E00S7	anand
<a href="#">View File</a>						

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

KIET college senate is the official students' council. It consists of an executive committee, Chairperson, Vice Chairperson, General Secretary, Joint Secretary, Arts Secretary, Sports Secretary, Treasurer, Media Secretary, Social Service Secretary, two staff advisors and two class representatives from each class. The senate acts as a representative body of all students. It takes initiatives and coordinates efforts towards development of cultural, social and recreation programmes of interest to the students. The senate also coordinates cultural, sports and technical events of the Institution such as The Fest which involves cultural and literary competitions for the students, Techno Cultural fest, sports meets etc. Administrative bodies/committees of the Institution with student representation include course committees and class committed for the B.Tech Programme irrespective of their branch of study. The committee includes four student representatives as members. Beginning from the third



semester, all branches of study will have class committees for every Semester constituted by the respective Heads of Departments. This committee has two student representatives nominated by the Head of the Department.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

KIET HAS REGISTERED ALUMINI ASSOCIATION

5.4.2 – No. of enrolled Alumni:

400

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

100000

5.4.4 – Meetings/activities organized by Alumni Association :

1)One General body meeting every year. 2)Minimum three executive committee meetings every year.

### 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)

The College follows the policy of decentralization. The Governing Body delegates all the academic and nonacademic decisions based on policy to the college Committee headed by the Principal. The college Committee formulates common working procedures and entrusts the implementation through departments. The department coordinator manages the day to day activities of the department through CTPOs and keeps a track of cocurricular and extracurricular activities in the College. Other units of the college like sports, arts, library etc. have operational autonomy under the guidance of the various committees/clubs/associations and students are involved from various departments in the decisionmaking process. Participatory management may result in a more effective management frame work. Participatory Management may contribute to a more productive environment by: Promoting sustainable management practices. Increasing social acceptability levels. Minimizing social conflicts Greater job satisfaction which in turn increases productivity. Participatory Management can lead to the empowerment of employees which in turn could lead to employees taking more risks. Participatory management The college constituted all statutory committees as per the guidelines of "AICTE" to support the Academics and Administration, which are used for the improvement of the quality of the organization. The following are the committees formed in the college are Committee For SC/ST, Minority Cell, Grievance Redressal Cell (Academics), Anti Ragging, Disciplinary, Examination Malpractice, Transport, Women Grievance, Alumni, Academic, Hostel, Library, Sports Games, Internal Quality Assurance Cell, Finance Accounts, Placement Training, Career Guidance Cell, Cultural, Admissions, NSS, HRDC, NAAC. Activities conducted by various committees are documented from time to time. Our organization evolved with affection and welfare of the minority, backward, and SC/ST students under the support of our committees. Student grievances and other disciplinary issues were structurally monitored and resolved on the basis of severity. The college makes sure to find remedial measurements for the resolving of the issue as early as possible. Our organization strength grows incredibly with a strong Alumni connect. Academic calendar prescribed by JNTUK is strictly followed with the support of department heads and respective committees. Parentteacher



interaction is scheduled in terms of updating the student's performance record through personal phone calls and SMS. Feedbacks are collected manually by the teachers and are analyzed with the HODs. These analyses are put before the principal for deeper resolution on any serious issues. Class wise percentage analysis is done and it is forwarded to HODs and the principal. The increase of buses created congestion in connecting the college road from the national highway. So a new roadway has been constructed from the national highway to college premises for heavy vehicle transport which gives flexibility to the pedestrians in the other way to the college. Hygienic canteen is maintained in the campus, as a part of it, RO plant and steam cooking have been established. Subsidized food is provided in the campus in view of economically backward students. NSS plays a key role in transforming the student into a socially responsible person which helps in their career building

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	Curriculum is primarily based on the syllabus provided by JNTUK, the affiliating University. Based on the feedback from stakeholders, experts, academicians, students and former students, parents, management, staff and the expectations of the employer/industry the gaps in curriculum are addressed, necessary modifications are made by introducing and incorporating need based courses, subjects with a view to enhance and ensure the employability of students. Additional courses and skill development programs are designed and conducted to the benefit of the students ensuring practical application and the update of the knowledge in the subject.
Teaching and Learning	The Teaching and Learning is a unique initiative of the institution to inspire, support and strengthen new directions in pedagogy and learning of the teachers and students at KIET. The TL facilitates, the Preparation for Video lectures and courses through structured workshops, the Sharing of good teaching practices among faculty members and Innovation in teaching methods by involving multiple teachers in the same class for the same topic, helping the students with their doubts and problems. Due importance is given to faculty development through online learning resources and peer learning ensuring the use of ICT in the teaching

learning process so that the faculty members also will be familiar with the use of technology for knowledge acquisition. Workshops for faculty development and peer learning are conducted. Orientation programs are held for the benefit of faculty members.

**Examination and Evaluation**

As part of the Quality improvement strategy, the exam cell has six department representatives from six streams (CE, CS, EE, EC, ME, and SH). They are responsible for collecting question papers from the department concerned after scrutiny. They handover the same to the chief superintendent, after which photocopies of the same will be taken. In order to ensure that no tampering of question paper is done, exam cell is equipped with camera facility. For every Internal exam, squads are assigned to ensure that students do not engage themselves in unfair means while writing the exam. They visit the exam halls during the time of exam and check whether there is any malpractice. If found, they will be caught with proofs and will be reported to exam cell. Such student's answer paper will be kept at exam cell. From the exam cell such answer scripts will be handed over to the Disciplinary Action Committee (DAC) for further actions

**Research and Development**

The faculty members of the department is divided into research groups according to their area of interest. Each group is headed by a coordinator. Each group is supposed to bring forward research proposals for internal and external funding and also should conduct short term training programs on 62 recent trends in related areas . These proposals are evaluated by the Research Committee. All papers ( both MTech and BTech ) are scrutinized by concerned research groups before sending for publication. All research groups are coordinated by the HoDs and the Research Promotion Committee. KIET aims to encourage quality research in all the disciplines and to disseminate information about research project grants. College facilitates sending of research proposals to research funding organizations. Research and Development activities promote faculty to enhance

the skill and expertise in various emerging areas of technology. Faculty has sent project proposals to various central /state funding agencies The College promotes internal funded RD projects

Library, ICT and Physical Infrastructure / Instrumentation

The following initiatives have been taken for the update of the library. The library has been enrolled as DELNET member for DELNET Engineering Technology Collection. ICT is utilised for e-governance, for conduct of online courses such as NPTEL, for various activities of teaching learning centre, for the conduct of examinations at the internal and university exams, for the digital library, students attendance, mark sheet, hall tickets, question papers, for real time classroom teaching. The Knowledge Lab is a 'High End Skill Development Centre which will enrich skills by conducting workshops, trainings and seminar series on cutting edge technologies like artificial intelligence, block chain, tools and techniques. The centre will facilitate hands-on experience to learning and real time projects and product development.

Human Resource Management

To promote, enhance and ensure the quality performance of teachers and make them more research oriented, the following steps have been implemented: (1) The institution provides financial assistance for in-house projects, (2) Partial financial assistance is given to faculty members to attend national and international seminar or conferences as resource persons or presenters of research papers. Monetary incentives are given to teachers who publish papers in reputed research journals, (3) Financial assistance is given to teachers who win accolades at the national or international level, (4) For the newly appointed teachers induction program is conducted and microteaching sessions are arranged by way of training, (5) Facilities for medical claim and group insurance have been introduced as a staff welfare scheme. A revised performance appraisal scheme on the basis of AICTE format has been implemented to ensure enhanced quality performance of teachers. Adhoc teachers are appointed in the wake of emergency leave, maternity leave and study leave

	to ensure that students do not suffer due to shortage of teachers
Industry Interaction / Collaboration	The college promotes Industry Interaction / Collaboration and one or two faculty members have been given additional charge to take care of it. Accordingly, training programs have been arranged for faculty members and new industryrelated projects have been introduced.
Admission of Students	The admission norms are fixed on the basis of an agreement between the Government of ANDHRA PRADESH and Association of Selffinancing Engineering Colleges. The College follows them and the process has been made more transparent and simple with the introduction of online submission of application, publication of rank list etc.

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

E-governance area	Details
Planning and Development	The Annual review of the Strategic plan of the College is done through the institutional intranet platform for the speedy and effective communication among the Departments and Administration.
Administration	leave applications online submission, Staff Appraisals - automated using software
Finance and Accounts	Computerised salary disbursement and Accounts keeping
Student Admission and Support	online applications and payment of fees, student attendance record through software system, semester registration
Examination	University exam online registration facility, Internal assessment marks submission to university, Online question papers

### 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	K DHANARAJU	Workshop on "Distributed Generation and SmartGrid	IE	2000

2019	D REVATHI	MOOC course on Switching Theory	ISTE	3000
<a href="#">View File</a>				

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	TwoWeek Main Workshop on Analog Electronics	TwoWeek Main Workshop on Analog Electronics	09/08/2018	10/08/2018	40	20
2019	Pedagogy for Online and Blended Teaching Learning Process	Pedagogy for Online and Blended Teaching Learning Process	12/09/2019	13/09/2019	50	30
<a href="#">View File</a>						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Workshop on Industrial Robotics	2	12/07/2018	13/07/2018	2
An STTP on "Deep Learning and IOT Applications using MATLAB (DIAM 2019)" from organized by the Dept. of ECE	2	15/08/2018	16/08/2018	2
Attended threeday FDP on	2	14/11/2018	15/11/2018	2

"Industrial Automation" organized by Dept. of EEE				
Workshop on "Artificial intelligence and Deep Learning,	2	19/12/2018	20/12/2018	2
Workshop on "Recent Advances in Wireless and Space Antennas (IEEE Space Antenna Workshop - iSAW 2018)"	2	16/04/2019	17/04/2019	2
FDP on "Student Entrepreneurship	2	24/07/2019	25/07/2019	2
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
227	227	0	72

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group Health Insurance Coverage of Rs.1.00 Lakh	Group insurance	Cash incentives for students who received prizes in sports at National/University level

**6.4 – Financial Management and Resource Mobilization**

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

In every financial year the college will conduct internal audit through departmental staff as well as external audit by the statutory Auditors. The internal financial accounting would be completed before 10th of every month considering all the previous month transactions. After completion of the monthly accounts the same accounts would be audited by the internal auditors appointed by the management. While verifying entries, if any mistakes/ short comings are identified /noticed the same could be rectified in the same month by the concerned departments. After rectifications if any, the report would be submitted by internal auditors to the Governing Body for approval. The external statutory auditors shall visit the college office twice in a year for vouching audit and submitting the final audit report. After completion, the final statutory audit report shall be submitted to the Governing body for approval in the month of June every year. After approval, the financial accounts, documents could be used for all statutory purposes.

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
NIL	0	0
<a href="#">View File</a>		

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	No	NIL	Yes	Internal audit is done by DEAN, IQAC
Administrative	No	NIL	Yes	PRINCIPAL AND DEAN, IQAC

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

<p>A strong ParentTeacherAssociation is functioning in our college. It helps and cooperates with the institutions in the welfare of the students and provides support for the improvement in the academic activities and infrastructural facilities. Objectives of the association are ? To work for the welfare of Students, Teachers and for the Development of the Institution ? To foster and promote good relationship among the members of the Teaching staff, student and parent/guardians of the students ? To assist students coming from Socially and Economically backward group financially or otherwise to complete Engineering education successfully ? To promote the activities of the Training and Placement Cell and to conduct Seminars and Technical/Training programmes for the students to achieve technologyoriented skills/jobs</p>
---

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

<p>1)Internal Training for skill upgrading 2)Housekeeping staff computer literacy program</p>
---

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

<p>Annual Mandatory International/National Conference ? Establishment of Research Centre and New Research Projects ? Collaboration with Foreign Universities and IndustryInstitution tie ups</p>
--

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
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
2019	Initiated for further	28/03/2019	28/03/2019	28/03/2019	60

accreditation by NBA

[View File](#)

## 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
International Yoga Day	05/07/2018	06/07/2019	20	30
World Population Day ( Debate, Essay writing, Poster making) Conducted by NSS	13/08/2018	14/08/2018	40	40
Hepatitis Rally conducted by APOLO Hospital, Kakinada	16/10/2018	17/10/2018	30	50
SWATCH THE PAKWADA" Programme Conducted at college and korangi	19/12/2018	20/12/2018	50	40
Independence Day celebrations in campus organised by NSS	23/01/2019	24/01/2019	60	40
Republic Day celebrations in campus organised by NSS	12/02/2019	13/02/2019	40	50
NSS Special Camp In "GOVALANKA"	22/04/2019	23/04/2019	30	50
Mega Blood Camp conducted by "RED CROSS"	10/07/2019	11/07/2019	50	30
Independence Day celebrations in campus organised by	30/07/2019	31/07/2019	50	60



NSS				
Seventh Convocation Event in JNTUK ( Mega Blood Camp & Plantation programme	27/08/2019	28/08/2019	50	60

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 annual power requirement of the Institution met by the renewable energy sources: 17.96 Annual power requirement met by the renewable energy sources (in KWH): 14600 Total annual power requirement (in KWH): 81288 Institution believes, there is nothing called Solid Waste. We call them used material. Majority of the used material can be recycled or reused for other purposes. The collection is of two categories, one is degradable and another is nondegradable. Degradable is being sent to a pit where it turns into an organic pesticide for campus plantation and nondegradable material such as plastics are being sent to mechanical labs for moulding experiments. Instead of purchasing raw plastic in Mechanical laboratories these wastes are utilized. Although paper is a bio degradable thing but it's recycling will have more advantage than any other. The used paper material will be sent to vendors in near by city for recycling purpose. Used metallic nonmetallic materials such as Ewaste from computer labs and Steel, Iron, Aluminium, Wood from construction will be sent to scrap shop and further to recycling plants. From there students take the material and utilize for doing their projects. Institution get liquid waste in two categories, one is Chemical and another one is NonChemical. Chemical waste will be collected in to different disposable container. Later containers will be diluted with some other liquids and will be drained down as per disposable methods suggested by Health department. Nonchemical waste will be drained through various channels as usual. Institution adopted rain water harvesting system in the campus with a strong desire to utilize the rain water at maximum extent. Since the ground water at the campus is salty, this is an advantage to institution. Water from the rooftop will be sent to water storage sump (regular sump we use for daily purposes) at ground floor. Later based on the requirement, water will be pumped up to the over head tank. This water can be utilized for day to day regular purposes. All PVC pipes of rooftop rain water vents have been connected in series to make it a single pipe line. That single pipe is directly given to ground level sump from roof top. The quality of rainwater is usually acceptable for many purposes with little or even no treatment. Storage sump has been constructed with concrete in order to maintain the quality of the water at storage. Institution obeys Go Green concept at all sectors i.e. from office to canteen. There is a strict prohibition on movement of vehicles in the campus at all the time. Instead faculty students use bicycles for the internal conveyance. One of the entrances to the college is fully pedestrian friendly roads where no vehicles are allowed. Institution is strict on Eco friendly concepts too in the campus,

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	13
Provision for lift	No	0
Ramp/Rails	Yes	13
Braille	No	0

Software/facilities		
Rest Rooms	Yes	13
Scribes for examination	Yes	13
Special skill development for differently abled students	Yes	13
Any other similar facility	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	1	1	07/08/2018	6	Swachh Bharath Abhayaan	Open Defecation	300
2019	1	1	10/04/2019	6	Don't Drink Drive	Accident Prevention measures	150
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
NIL	01/12/2019	NIL

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

Activity	Duration From	Duration To	Number of participants
Talk on Professional Ethics	10/10/2018	11/10/2018	200
computer awareness for nonteaching staff	05/06/2019	06/06/2019	150
No file uploaded.			

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

? Plantation programme has been taken up by the NSS unit for increasing the Green Cover in the village. ? The NSS unit regularly conducts awareness programmes on plastic free environment in and around the campus and village. ? Awareness programmes are initiated on waste management. ? Awareness among the students and staff on energy conservation is created by displays at appropriate places. ? Switching off all the electrical utilities whenever and wherever they are not required. ? The Institution adheres to a conservative utilization electricity and water. Sustainable waste management procedures are in place. Being located in a coastal area with saline groundwater, KIET conserves at

utilizes rain water through a sophisticated Rain Water Harvesting system.

Students and staff are encouraged to use bicycles public transportation for conveyance. EGovernance system has been adopted to transition into a paperless office.

## 7.2 – Best Practices

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

**Best Practice - 1 : Title of the practice: ABHIYAAN 21 Days Induction Programme**  
The context: The ABHIYAAN Programme at KIET was initiated with the motto of imparting knowledge on skills required by the students to face the corporate world along with intense personality development which is beyond the curriculum. Academicians at KIET do believe that the curriculum alone wouldn't give the students adequate strength to survive the competitive world.  
Objectives: The objectives of the ABHIYAAN programme are as follows, ? To improve the communication skills, presentation skills of the student. ? To enhance the students Mathematical ability and team building activities. ? To bring awareness about Social activities and make them socially responsible. The Practice: The course is taught to the students in various levels in their first year for 21 Days as a part of Induction. The intention of such a system is that gradually students learn and excel in those areas  
**Best Practice - 1 : Title of the practice: ABHIYAAN 21 Days Induction Programme**  
The context: The ABHIYAAN Programme at KIET was initiated with the motto of imparting knowledge on skills required by the students to face the corporate world along with intense personality development which is beyond the curriculum. Academicians at KIET do believe that the curriculum alone wouldn't give the students adequate strength to survive the competitive world. Objectives: The objectives of the ABHIYAAN programme are as follows, ? To improve the communication skills, presentation skills of the student. ? To enhance the students Mathematical ability and team building activities. ? To bring awareness about Social activities and make them socially responsible. The Practice: The course is taught to the students in various levels in their first year for 21 Days as a part of Induction. The intention of such a system is that gradually students learn and excel in those areas. Obstacles faced: The major obstacle faced in running ABHIYAAN programme is the time factor. Therefore, the timetable has been regulated and considerable changes have been made in the academic calendar. Impact of the practice: The students earn extensive knowledge in practical thinking and develop a demand in the field of engineering and the students to become Entrepreneurs with the encouragement and support rendered by the management. Resources required: Students, Optimised time schedule, Digital Classrooms with the Internet, Seminar halls with facilities (Projector, Mic/Speaker). Resource persons, Trainers Mentors  
**Best Practice - 2 : Title of the practice: The Extended Learning**  
The context: The Extended learning Programme at KIET raised with the motto of imparting knowledge which is beyond the curriculum. Academics alone wouldn't give the students adequate strength. It acts as a bridge between students and trends in the market. The context behind the initiation of extended learning in the institution is to make the students reach recruiter's requirement and build the entrepreneurship. Objectives: ? To connect students with latest technologies. ? To develop the entrepreneurship. ? To bring out the innovation in students. The Practice: In order to facilitate them with adequate resources, Students are trained in parallel with regular class work. The institution offers extended learning to students apart from the regular academic syllabus. This practice starts from the second year and will be continued till the academic project work. Obstacles faced: The major obstacle faced in running extended learning is the time factor. Therefore, the timetable has been regulated and considerable changes have been made in the academic calendar. The availability of the resources persons (experts from the industry) is a bit difficult. Impact of the practice: Students are well satisfied with

extended learning and their positive feedback has inspired the rest. The potential of the students has been increased rapidly through this. Resources required: Students, Optimised time schedule, Resource persons, Digital Classrooms

### 7.3 Institutional Distinctiveness

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

The Kakinada Institute of Engineering and Technology, Korangi is an allIndia Institute for higher education. The primary objective of KIET is to "eradicate Unemployability and to create a learning environment to ignite young passionate engineers who innovate and put their ideas into action. The Institute strives hard to create a world class academy of excellence, imparting quality technical education of global standards and to nurture future leaders of innovation. The management processes Memorandums of Understanding with prestigious Universities like IITMumbai, IITChennai, IIITHyderabad for Internships and Training programs. In addition to this the Institute maintains Tieup with Oracle University to run Oracle certified programs. Also the institute has a Memorandum of Understanding with Jay Robotix an Institute with Innovative concepts which aid Technical education in a better prospect. The Institute runs their Computers with "Bharat Operating System Solution" - BOSS MOOL which encourages the slogan "Make in India". The campus is WiFi enabled and has well furnished with Air conditioned eclass rooms, well equipped laboratories, fully automated central library with 25,000 volumes. The campus is located in a lush green, serene and salubrious area near sea shore. Moreover the attendance of the students is exercised through biometric devices. Amongst the various engineering colleges KIET stands unique as its agenda is to build an engineer with thinking and innovative capabilities. The institute encourages extended learning and organises Guest lectures by eminent professors from IIT's and other Institutes. The Faculty focus on research and experiential learning by the students. The Institute is TCS accredited and has strong partnerships, alliances and linkages with Government, Industry and other Higher Educational Institutions. Students are encouraged in Elearning and the Institute runs its own online app "KIET mobile app" which aids the purpose of our Prime Minister's dream of making our country "The Digital India". Everything in connect with the student and academics to other events the students stay connected through this Application. Even the Fees and other payments are made digital. They are also encouraged in extracurricular activities such as Photography contests, Short film contests through the same.

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

<https://www.test.com>

### 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 Kakinada Institute of Engineering and Technology, Korangi is an allIndia Institute for higher education. The primary objective of KIET is to "eradicate Unemployability and to create a learning environment to ignite young passionate engineers who innovate and put their ideas into action. The Institute strives hard to create a world class academy of excellence, imparting quality technical education of global standards and to nurture future leaders of innovation. The management processes Memorandums of Understanding with prestigious Universities like IITMumbai, IITChennai, IIITHyderabad for Internships and Training programs. In addition to this the Institute maintains Tieup with Oracle University to run Oracle certified programs. Also the institute has a Memorandum of Understanding with Jay Robotix an Institute with Innovative concepts which aid Technical education in a better prospect. The Institute runs

their Computers with "Bharat Operating System Solution" - BOSS MOOL which encourages the slogan "Make in India". The campus is WiFi enabled and has well furnished with Air conditioned eclass rooms, well equipped laboratories, fully automated central library with 25,000 volumes. The campus is located in a lush green, serene and salubrious area near sea shore. Moreover the attendance of the students is exercised through biometric devices. Amongst the various engineering colleges KIET stands unique as its agenda is to build an engineer with thinking and innovative capabilities. The institute encourages extended learning and organises Guest lectures by eminent professors from IIT's and other Institutes. The Faculty focus on research and experiential learning by the students. The Institute is TCS accredited and has strong partnerships, alliances and linkages with Government, Industry and other Higher Educational Institutions. Students are encouraged in Elearning and the Institute runs its own online app "KIET mobile app" which aids the purpose of our Prime Minister's dream of making our country "The Digital India". Everything in connect with the student and academics to other events the students stay connected through this Application. Even the Fees and other payments are made digital. They are also encouraged in extracurricular activities such as Photography contests, Short film contests through the same.

Provide the weblink of the institution

<https://www.test.com>

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

? Establishment of Centres of Excellence for each Department ? To be within 150 rankings of NIRF ? To promote new products through incubation Centre ? To improve placements in core industry