



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		KKR AND KSR INSTITUTE OF TECHNOLOGY AND SCIENCES
Name of the head of the Institution		Dr P Babu
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08632286677
Mobile no.		9441915837
Registered Email		principaljr@gmail.com
Alternate Email		principal@kitsguntur.ac.in
Address		Vinjanampadu
City/Town		Guntur
State/UT		Andhra Pradesh
Pincode		522017

2. Institutional Status																			
Affiliated / Constituent		Affiliated																	
Type of Institution		Co-education																	
Location		Rural																	
Financial Status		Self financed																	
Name of the IQAC co-ordinator/Director		Dr. K. Hari Babu																	
Phone no/Alternate Phone no.		08632286666																	
Mobile no.		9490775885																	
Registered Email		jrdirector1@gmail.com																	
Alternate Email		director@kitsguntur.ac.in																	
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)		<a href="http://www.kitsguntur.ac.in/site/admin/up_files/AQAR_2018-19.pdf">http://www.kitsguntur.ac.in/site/admin/up_files/AQAR_2018-19.pdf</a>																	
4. Whether Academic Calendar prepared during the year		Yes																	
if yes,whether it is uploaded in the institutional website: Weblink :		<a href="https://kitsguntur.ac.in/site/kitcontent.php?page_id=82">https://kitsguntur.ac.in/site/kitcontent.php?page_id=82</a>																	
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.02</td> <td>2016</td> <td>16-Dec-2016</td> <td>15-Dec-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.02	2016	16-Dec-2016	15-Dec-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.02	2016	16-Dec-2016	15-Dec-2021														
6. Date of Establishment of IQAC			10-Mar-2016																
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															
Apply for NIRF-2019-20		28-Nov-2019		2669															

	365	
apply for ARIIA-2019-20	22-Nov-2019 365	2669
Careers360 Ranking	02-Mar-2020 365	2669
Data Quest Ranking	11-Mar-2020 365	2669
GHRDC, CSR	28-Nov-2019 365	2669
ENTREPRENEURSHIP AWARENESS CAMP IN ASSOCIATION WITH DST	12-Nov-2019 3	670
ENTREPRENEURSHIP AWARENESS CAMP IN ASSOCIATION WITH DST	18-Feb-2020 3	450
ONE DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS IN THE FOURTH INDUSTRIAL REVOLUTION ERA	04-Feb-2020 1	674
3-DAY FDP ON QUALITY SUSTAINABILITY AND QUALITY ENHANCEMENT STRATEGY	07-Feb-2020 3	840
<a href="#">View File</a>		

**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
Suresh Mundru	ATAL-FDP - Cloud technology	AICTE	2020 6	93000
Dr.Gudipati Murali	SPDPSkill and Personality Development Programme for SC/ST Students	AICTE	2019 730	1483851
Prof.Repudi Ramesh	SAMRIDDHI-Leave academic and start journey to startups	AICTE	2019 730	1131533
Dr.Srinivasa manikonda	MODROBS - Modernization of Computer Networks lab	AICTE	2019 730	1200000
Dr. M. Amarendra	MODROBS - Modernization of Power electronics and	AICTE	2019 730	1000000

	drive lab			
Dr. M. Amarendra	MODROBS - Modernization of advanced power system and production lab	AICTE	2019 730	1326667
Dr.Gudipati Murali	AICTE-ISTE Induction/Refresher Programmes titled Cyber Security with block chain technology	AICTE	2020 21	279000
Dr M Ravindra Krishna	AICTE-STTP	AICTE	2020 12	186000
Prof. R Ramesh	DST NIMAT	DST	2019 6	40000
<a href="#">View File</a>				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	2
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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
1 Organized 3Days Faculty Development Program on QUALITY SUSTAINABILITY AND QUALITY ENHANCEMENT STRATEGY for all Faculty Members 2 Conducted ONE DAY WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS IN THE FOURTH INDUSTRIAL REVOLUTION ERA - ISSUES AND CHALLENGES 3 Organized two workshops on ENTREPRENEURSHIP AWARENESS CAMP IN ASSOCIATION WITH DST - NIMAT	
<a href="#">View File</a>	
<b>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</b>	

Plan of Action	Achievements/Outcomes				
Improve the research funding activities	1. Senior level Faculty members applied various schemes for funding agencies and get sanctioned more than 50 lakhs for the Academic year 2019 20.				
<a href="#">View File</a>					
<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td>UGC Autonomous Peer -Committee</td> <td>20-Nov-2020</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	UGC Autonomous Peer -Committee	20-Nov-2020
Name of Statutory Body	Meeting Date				
UGC Autonomous Peer -Committee	20-Nov-2020				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes				
Date of Visit	20-Nov-2020				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2019				
Date of Submission	26-Dec-2019				
<b>17. Does the Institution have Management Information System ?</b>	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The institution having licensed EZSchool Software with following features 1. Office automation 2. Examinations ( For Internal examinations ) 3. Message alert system 4. Attendance module 5 Fee details module				

### 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

We adopt the curriculum overview provided by the Jawaharlal Nehru Technological University, Kakinada. Depending on our resource potentiality, institutional goals and concern towards the students, we impart quality education. The institution has developed a structured and effective implementation of the curriculum to meet the Program Outcomes specified by NBA/NAAC and the Course Outcomes defined/framed by the respective course experts. Following are the

various means through which it executes the curriculum. HOD's Meeting: HOD's Meetings are held once in Month. Head of the Department discuss their action plans to arrive an optimal and effective way. Academic Calendar: Academic Calendar is prepared as per the Jawaharlal Nehru Technological University Kakinada ( JNTUK ) academic schedule and the requirements at the department level as per the action plans formed. Lesson Plan: A Lesson plan includes content topics, content beyond the syllabus topics , tutorial topics, text books and reference books prepared by respective faculty members at the beginning of each semester. It gives an insight how the lecture class will be handled throughout the semester. Meeting the Vision and Mission of the Concerned Department: Each department sets their own Vision and Mission which match with the Institutional Vision and Mission. Program Educational Objectives (PEO) and Program Outcomes (PO) are developed for each program and Course Objectives (CO) and course outcomes are defined for each theory course and laboratory. Projects, Internships, Seminars are part of curriculum to impart skill focussed education that meets the society requirement. Industrial visits, Hackathons, skill oriented programs, soft skills, industry specific trainings are also accommodated along with the curriculum delivery.

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
Cyber security, html	Nil	14/05/2020	30	Nil	Yes
Introduction to Artificial Intelligence (AI)	Nil	14/05/2020	30	Nil	Yes
Introduction to Interactive programming python (part-1)	Nil	14/05/2020	30	Nil	Yes
Introduction to internet of things, NPTEL	Nil	01/01/2019	84	Nil	Yes
Introduction to Machine Learning in AWS through Great Learning	Nil	01/07/2020	84	Nil	Yes
CEH (Certified Ethical Hacker) - HackerBook	Nil	30/09/2020	70	Nil	Yes

Technologies						
Coursera, Tcsion-career Edge, futurelearn	Nil	14/05/2020	30	Nil	Yes	
NASSCOM Foundations of Artificial Intelligence (AI) Program	Nil	01/08/2020	90	Nil	Yes	
Nptel Java	Nil	01/01/2020	84	Nil	Yes	
Nptel c programming	Nil	01/01/2019	84	Nil	Yes	
Nptel completed java	Nil	16/01/2020	84	Nil	Yes	
Nptel R programming	Nil	01/08/2019	56	Nil	Yes	
Problem solving through C	Nil	01/01/2020	84	Nil	Yes	
Programming, Data Structures And Algorithms Using Python - NPTEL	Nil	01/01/2020	56	Nil	Yes	
python access web data	Nil	26/05/2020	45	Nil	Yes	
Python Data Structures	Nil	26/05/2020	45	Nil	Yes	
python for beginners in SoloLearn	Nil	01/01/2020	30	Nil	Yes	
Python for everybody,	Nil	15/05/2020	45	Nil	Yes	
R programming - NPTEL	Nil	01/08/2019	56	Nil	Yes	
Beginners guide to learn python	Nil	06/05/2019	30	Nil	Yes	
Data Structures in C in	Nil	01/10/2020	30	Nil	Yes	

Great Learning						
database management for bussiness Intelligence	Nil	07/12/2020	30	Nil	Yes	
Ethical Hacking , Android Application Development , Graphic Design - Great Learning	Nil	01/10/2020	30	Nil	Yes	
Ethical Hacking/ Penetration Testing Bug bounty V2 - Udemey	Nil	01/01/2020	30	Nil	Yes	
Future Learn certification in basic english	Nil	07/12/2020	30	Nil	Yes	
hacker rank c	Nil	15/06/2019	30	Nil	Yes	
hacker rank python	Nil	20/08/2019	30	Nil	Yes	
HTML5 from Codeliber	Nil	07/12/2020	30	Nil	Yes	
Introduction to Cyber Security ,	Nil	01/10/2020	30	Nil	Yes	
Introduction to SQL - Data Camp	Nil	01/09/2020	30	Nil	Yes	
Java Programming in Great Learning	Nil	01/09/2020	30	Nil	Yes	
python p3 in coursera	Nil	06/08/2020	30	Nil	Yes	
python programming for beginners in data science (udmey) ,	Nil	15/09/2020	30	Nil	Yes	



Solo learn-sql	Nil	15/09/2020	30	Nil	Yes
The joy of computing using python, TCS Ion career edge	Nil	23/06/2019	30	Nil	Yes
Differential Equations for Engineers	Nil	16/06/2020	30	Nil	Ye
Introduction to Artificial Intelligence (AI)	Nil	11/05/2020	30	Nil	Ye
AI for everyone	Nil	23/06/2019	30	Nil	Ye
AWS Fundamental : migrating to the cloud	Nil	24/09/2020	30	Nil	Yes
AWS Fundamental going cloudnative	Nil	22/09/2020	30	Nil	Yes
AWS Fundamentals: Addressing Security Risk	Nil	15/09/2020	30	Nil	Yes
Block chain basics	Nil	24/09/2020	30	Nil	Yes
Blockchain 360	Nil	06/09/2020	30	Nil	Yes
Business English: Networking	Nil	20/07/2020	30	Nil	Yes
Create your first pytho program	Nil	29/09/2020	30	Nil	Yes
Cyber security and the Internet of things	Nil	12/07/2020	30	Nil	Yes
Cyber security rule and	Nil	14/06/2020	30	Nil	Yes

operating system security						
Cybersecurity compliance framework system administration	Nil	07/12/2020	30	Nil	Yes	
Data science Methodology	Nil	11/05/2020	30	Nil	Yes	
Electric power system	Nil	11/06/2020	30	Nil	Yes	
Facial Expression ,recog with Keras	Nil	06/02/2020	30	Nil	Yes	
Introduction to cybersecurity tools cyber attacks	Nil	19/05/2020	30	Nil	Yes	
Introduction to HTML	Nil	12/06/2020	30	Nil	Yes	
Introduction to HTML5	Nil	15/05/2020	30	Nil	Yes	
Introduction to IOT and embedded systems	Nil	06/05/2020	30	Nil	Yes	
Introduction to Programming with MATLAB	Nil	23/07/2020	30	Nil	Yes	
Introduction to Psychology	Nil	27/09/2020	30	Nil	Yes	
IT Infrastructures and emerging trends	Nil	28/09/2020	30	Nil	Yes	
Network security Database Vulnerabilities	Nil	11/07/2020	30	Nil	Yes	

Programming for Eveybody (Getting started with python)	Nil	15/05/2020	30	Nil	Yes
Python Basics	Nil	11/05/2020	30	Nil	Yes
Python for Data science and AI	Nil	20/06/2020	30	Nil	Yes
Usable Security	Nil	14/06/2020	30	Nil	Yes
Vector Calculations for Engineers	Nil	20/06/2020	30	Nil	Yes
What is data sciences	Nil	05/06/2020	30	Nil	Yes
What is datascience	Nil	14/06/2020	30	Nil	Yes
Wireless communications for everybody	Nil	30/05/2020	30	Nil	Yes
write professional emails in english	Nil	14/06/2020	30	Nil	Yes
IOT fundamentals	Nil	25/11/2019	3	Yes	Yes
Programmable logic controller	Nil	02/10/2020	3	Yes	Yes
Solid Edge	Nil	13/05/2019	30	Nil	Yes

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Mechanical Engineering	10/06/2019
BTech	Electrical and Electronics Engineering	10/06/2019
BTech	Civil Engineering	10/06/2019
BTech	Electronics and Communication Engineering	10/06/2019
BTech	Computer Science and Engineering	10/06/2019

BTech	Information Technology	10/06/2019
MBA	Master of Business Administration	10/06/2019
Mtech	CSE	10/06/2019
Mtech	VLSI	10/06/2019
Mtech	DECS	10/06/2019
<a href="#">View File</a>		

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
Mtech	PE&D	10/06/2019
BTech	Civil Engineering	10/06/2019
BTech	Electrical and Electronics Engineering	10/06/2019
BTech	Mechanical Engineering	10/06/2019
BTech	Electronics and Communication Engineering	10/06/2019
BTech	Computer Science and Engineering	10/06/2019
BTech	Information Technology	10/06/2019
MBA	Master of Business Administration	10/06/2019
Mtech	Computer Science and Engineering	10/06/2019
Mtech	VLSI	10/06/2019
Mtech	DECS	10/06/2019

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

	Certificate	Diploma Course
Number of Students	805	Nil

### 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
Solid Edge	09/09/2019	123
Revit Architecture	09/09/2019	126
Problem Solving skill using C For 1st Year ECE-2	11/11/2019	259
Hackthon on Machine Artificial Intelligence	23/09/2020	185
Ideathon Boot Camp on IOT	12/09/2019	186
Boot Camp on Machine	16/07/2019	185

Learning		
Problem Solving and Programming in Python phase-I	05/12/2019	192
Startup Creation using IOT its Applications	08/07/2019	186
Problem Solving and Programming in Python phase-II	17/02/2020	72
Internet of Things (IoT) Advanced 2019-20	25/11/2019	185
<a href="#">View File</a>		

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

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Civil Engineering	84
BTech	Electrical and Electronics Engineering	11
BTech	Electronics and Communication Engineering	82
BTech	Computer Science and Engineering	40
MBA	Master of Business Administration	11
BTech	Mechanical Engineering	46
<a href="#">View File</a>		

#### 1.4 – Feedback System

##### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	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>FEEDBACK SYSTEM Contributions of the institute in design and development of the curriculum The Institute actively participates in the design and development of curriculum by Communicating the suggestions made by the faculty of different departments to the university. Feedback from 5 stakeholders on Curriculum: The Institute has a formal mechanism to obtain feedback from students, faculty and external Stakeholders (Alumni, Employer and Parents) meets are organized to obtain their views on curriculum like the effectiveness of teaching processes, quality of teaching, adoption of new technologies, opinion on existing curriculum, the relevance of curriculum in their jobs. Feedback is obtained from the outgoing students on curriculum and worthy suggestions are</p>

communicated to the University for Curriculum Enrichment. Feedback forms are available on the syllabus web page of each department. Also the feedback analysis is utilized for curriculum development or introducing the necessary new courses. Feedback action taken is available on the department web pages in syllabus tab for example

[http://kitsguntur.ac.in/site/admin/up\\_files/FB20Actions20taken.pdf](http://kitsguntur.ac.in/site/admin/up_files/FB20Actions20taken.pdf) Department wise feedback form, analysis and action taken details are available as follows

: For ECE Department :

[https://kitsguntur.ac.in/site/department\\_det.php?dept\\_id1pageSyllabus](https://kitsguntur.ac.in/site/department_det.php?dept_id1pageSyllabus) For Civil Engineering Department :

[https://kitsguntur.ac.in/site/department\\_det.php?dept\\_id4pageSyllabus](https://kitsguntur.ac.in/site/department_det.php?dept_id4pageSyllabus) For EEE Department

[https://kitsguntur.ac.in/site/department\\_det.php?dept\\_id2pageSyllabus](https://kitsguntur.ac.in/site/department_det.php?dept_id2pageSyllabus) For CSE Department:

[https://kitsguntur.ac.in/site/department\\_det.php?dept\\_id3pageSyllabus](https://kitsguntur.ac.in/site/department_det.php?dept_id3pageSyllabus) For Mechanical Engineering Department:

[https://kitsguntur.ac.in/site/department\\_det.php?dept\\_id6pageSyllabus](https://kitsguntur.ac.in/site/department_det.php?dept_id6pageSyllabus) For Science and Humanities Department :

[https://kitsguntur.ac.in/site/department\\_det.php?dept\\_id5pageSyllabus](https://kitsguntur.ac.in/site/department_det.php?dept_id5pageSyllabus) For MBA Department:

[https://kitsguntur.ac.in/site/department\\_det.php?dept\\_id7pageSyllabus](https://kitsguntur.ac.in/site/department_det.php?dept_id7pageSyllabus)

## 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	99	99
BTech	Electrical and Electronics Engineering	60	59	59
BTech	Mechanical Engineering	120	102	102
BTech	Electronics and Communication Engineering	180	192	180
BTech	Computer Science and Engineering	180	230	180
BTech	Information Technology	60	85	60
MBA	Master of Business Administration	120	65	65
Mtech	Computer science and Engineering	18	Nil	Nil
Mtech	PE&D	18	Nil	Nil
Mtech	VLSI	18	Nil	Nil

[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
2019	2543	126	143	8	16

## 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
167	167	6	11	11	6

[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)

**STUDENTS COUNSELLING REDRESSAL CELL** The College has a Students Counselling and Redressal Cell in order to ensure transparency, in admissions and with the paramount objective of preventing unfair practices and to provide a mechanism to innocent students for redressal of their grievances. In exercise of the power conferred under clause 1 of section 23 of the All India Council for Technical Education, Act 1987 along with the Student Counselling Activities to improve the Knowledge and skills of the students. Anyone with a genuine grievance may approach the department members in person, or in consultation with the officer in charge of the Students Counselling and Redressal Cell. In case the person is unwilling to appear in self, Grievances may also be sent through e-mail to the Students Counselling Redressal Cell. Basic functions Encouraging the Students to express their grievances/problems freely and frankly, without any fear of being victimized. Making admission contrary to merit determined in accordance with the declared admission policy of the institute. Irregularity in the admission process adopted by the institute. Refusing admission in accordance with the declared admission policy of the institute. Breach the policy for reservation in admission as may be applicable. Delay in the conduct of examinations or declaration of results beyond that specified in the academic calendar. On provision of student amenities as may have been promised or required to be provided. Denial of quality education as promised at the time of admission or required to be provided. Web link is : : [https://kitsguntur.ac.in/site/kitcontent.php?page\\_id99](https://kitsguntur.ac.in/site/kitcontent.php?page_id99)

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2669	167	1:16

## 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
167	167	Nil	7	23

### 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
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2020	Dr. M .Srinivasa Sessa Sai	Professor	Innovation Ambassador, by MHRD-IIC
2020	Dr. Ch. Aruna	Professor	Innovation Ambassador, by MHRD-IIC
2020	Ch. Jhancy Rani	Assistant Professor	Innovation Ambassador, by MHRD-IIC
2020	Mr.M.Nagaraju	Associate Professor	Innovation Ambassador, by MHRD-IIC
2020	Dr. M. Vijay Kumar	Professor	Research Excellence Award 2020
2019	Mr. A.V. Raghava Rao	Associate Professor	Secured best presenter Award from ICARMPET
2019	Dr. Shaik Khamuruddeen	Associate Professor	CHHATRA VISHWAKARMA AWARDS - 2019
2020	K Mallikkharjuna Rao	Assistant Professor	Innovation Ambassador, by MHRD-IIC
2020	Mr. K Chandra Reddy	Assistant Professor	Innovation Ambassador, by MHRD-IIC
2020	Prof. R.Ramesh	Professor	Innovation Ambassador, by MHRD-IIC

[View File](#)

## 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	20	II/IV	19/09/2020	18/10/2020
BTech	20	I/IV	08/11/2019	03/12/2019
BTech	20	I/III	05/11/2019	10/01/2020
BTech	20	I/II	06/11/2019	02/01/2020
BTech	20	I/I	29/01/2020	24/06/2020
BTech	10	II/IV	08/11/2019	03/12/2019
BTech	10	I/IV	08/11/2019	03/12/2019
BTech	10	I/III	05/11/2019	10/01/2020
BTech	10	I/I	29/01/2020	24/06/2020



BTech	10	I/II	06/11/2019	02/01/2020
<a href="#">View File</a>				

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

performance indicators were included in the internal examination question paper based on AICTE examination reforms. internal examination CO attainments procedures improved.

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

Academic Calendar is available at the Institutional web link as follows:  
[https://kitsguntur.ac.in/site/kitcontent.php?page\\_id82](https://kitsguntur.ac.in/site/kitcontent.php?page_id82)

## 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://kitsguntur.ac.in/site/department\\_det.php?dept\\_id=3&page=Copcmapping](https://kitsguntur.ac.in/site/department_det.php?dept_id=3&page=Copcmapping)

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
10	BTech	Civil Engineering	99	92	93
20	BTech	Electrical and Electronics Engineering	35	32	91
30	BTech	Mechanical Engineering	77	70	91
40	BTech	Electronics and Communication Engineering	176	163	93
50	BTech	Computer Science and Engineering	162	131	81
0	MBA	Master of Business Administration	59	57	96
58	Mtech	Computer Science and Engineering	2	2	100

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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)

[http://kitsguntur.ac.in/site/admin/up\\_files/SSSreport2019-20.pdf](http://kitsguntur.ac.in/site/admin/up_files/SSSreport2019-20.pdf)

**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
Any Other (Specify)	6	AICTE ATAL	0.93	0.93
Any Other (Specify)	365	IITGuwahati	1.52	1.52
Any Other (Specify)	365	IITGuwahati	3	3
Any Other (Specify)	365	IITGuwahati	1.4	1.4
Major Projects	3650	MSME, MHRD, India	113	0
Minor Projects	1095	DST/SERB/TARE	31.88	17.55
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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
National level workshop On Remote Sensing GIS	CIVIL	29/06/2019
A Webinar on Remote Sensing, GIS and DEM for Water Resources Assessment	CIVIL	10/06/2020
Webinar on "Sustainable construction Net zero energy buildings"	CIVIL	19/06/2020
FDP on Role of Online Teaching Pedagogy and ICT tools in Outcome Based Education"	CIVIL	25/06/2020
A Webinar on Geo-synthetic Encased columns	CIVIL	29/06/2020
Webinar on "Best Practices for planning and design of safer roads"	CIVIL	02/07/2020
Webinar on " Role of civil engineers in offshore oil gas industry"	CIVIL	04/07/2020
A Webinar on Landslide Mitigation Systems Using Flexible Geotechnical	CIVIL	11/07/2020

Structures		
FDP on Novel Research Developments in Civil Engineering	CIVIL	15/07/2020
A Webinar on Engineering solutions for foundations of structures on Black cotton soils	CIVIL	25/07/2020
STTP Phase-I on Advance Construction Technics In Low Cost Civil Structures For Modern Living"	CIVIL	05/11/2020
S.T.T.P Phase -II on "Advance Construction Technics In Low Cost Civil Structures For Modern Living"	CIVIL	07/12/2020
Workshop on Entrepreneurship, Innovation and Startup among HEIS	CSE	28/04/2020
Workshop on Indian Technology-Innovation Entrepreneurship Conclave	CSE	03/01/2020
Workshop on Innovate India-2020	CSE	30/01/2020
Workshop on IPR and Entrepreneurship	CSE	28/04/2020
Workshop on Team Building and Managing	CSE	30/04/2020
Workshop on Introduction to Cyber Security	CSE	01/05/2020
Seminar on Industry 4.0-Post Covid paradigm	CSE	25/05/2020
Seminar on Accelerating Industry 4.0 - A Learning Development Perspective	CSE	26/05/2020
Workshop on Research Funding Projects IPR	CSE	07/05/2020
Webinar on New Horizons In The Application Of Sensors During Pandemic Scenario	ECE	30/06/2020
FDP on "Introduction to Renewable Energy Sources"	ECE	20/06/2020
Workshop on "VLSI Design using Mentor Graphics"	ECE	07/11/2019
Workshop on Hackathon	ECE	17/09/2019
Workshop on"LAB View Applications"	ECE	16/08/2019

Workshop on "LAB View Applications"	ECE	03/07/2019
Workshop on "Industrial Automation"	EEE	01/07/2019
Work Shop on "Student solar Ambassadors: 1 Million Efforts for Mother Earth , an initiative by MHRD and IIT Bombay"	EEE	02/10/2019
Work Shop on "A Six day Workshop On Internet of Things (IoT) In association with Andhra Pradesh State Skill Development Corporation (APSSDC)	EEE	25/11/2019
Work Shop on "A four day Boot Camp on IoT In association with Mad Blocks	EEE	17/09/2019
Guest Lecture on "Drives SCADA"	EEE	05/07/2019
Guest Lecture on "Power management of solar PV powered micro grid"	EEE	03/08/2019
Guest Lecture on " Wide Band Gap Devices (WBGD) for Power Electronic Converters "	EEE	26/12/2019
Guest Lecture on "Research Opportunities in Electrical Engineering"	EEE	26/12/2019
A Seminar on " Career Opportunities after Graduation by Mr.Srinivasa Babu, Manager at Time Institute Hyderabad "	EEE	05/12/2019
Workshop on Heat transfer problems using ANSYS Fluent	ME	28/08/2019
Workshop on Advances in Composite Materials	ME	30/01/2020
Workshop on Additive Manufacturing	ME	17/09/2019
Workshop on Non Destructive Testing	ME	18/02/2020
Seminar Applications on ANYNS Fluent	ME	31/01/2020

### 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
AVITHA-Chilly cutter Chilly Protection cover	D.Anitha (17JR1A0419), B. Deepthi (17JR1A0406)	MHRD National Level Boot camp	11/09/2019	Agriculture
CHHATRA VISHWAKARMA AWARDS - 2019	P Sravani (17JR1A04C2) ,N Pooja sree (17JR1A0491), L Lourdu Sasirekha (17JR1A0477) and P Dharani (18JR1A0484)	AICTE	24/12/2020	CVA
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### 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
Quality Assurance Cell	EISC - Entrepreneurship, Innovation and Startup Centre	APSCH, Govt. of Andhra Pradesh	The EISC, Govt. of AP Centre is established to promote the Culture of Innovation, Entrepreneurship, Start Up at KKR KSR Institute of Technology and Sciences by providing required resources through Global Network Ecosystem	Nil	01/01/2019
NISP -National Innovation Startup Up Policy	KITS- Innovation and Startup Centre	AICTE-MoE, Govt. of India	Nil	Nil	01/01/2020
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## 3.3 – Research Publications and Awards

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

State	National	International
1	8	2

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

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	2

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	CSE	25	3.61
International	CIVIL	5	6.04
International	ECE	20	3.26
International	EEE	2	5.71
National	MBA	1	7.12
International	MBA	4	6.3
International	ME	10	3.14
International	SH	5	3.63

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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
ELECTRONICS AND COMMUNICATION ENGINEERING	47
ELECTRICAL AND ELECTRONICS ENGINEERING	1
MASTER OF BUSINESS APPLICATIONS	8
COMPUTER SCIENCE ENGINEERING	8
MECHANICAL ENGINEERING	16
SCIENCE AND HUMANITIES	5

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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
Production and mechanical properties of AL 6063/B4C composites	Dr. K.Rama Kotaiah	Journal of Mechanical Engineering Research Developments	2019	6	KKR KSR Institute of Technology Sciences (K ITS). Vinjanampadu, Vatticheru kuru Mandal, Guntur-522017	6

Modeling and optimization of machining high performance nickel based super alloy Nimonic C-263 using die sinking EDM	Dr. K.Rama Kotaiah	International Journal of Mechanical Engineering and Robotics Research	2019	1	KKR KSR Institute of Technology Sciences (KITS). Vinjanampadu, Vatticherukuru Mandal, Guntur-522018	1
Frequency Response Studies using Receptance Coupling Approach in High Speed Spindles	Dr. K.Rama Kotaiah	Journal of The Institution of Engineers (India): Series C	2019	2	KKR KSR Institute of Technology Sciences (KITS). Vinjanampadu, Vatticherukuru Mandal, Guntur-522017	2
Optimal design of spindle-tool system for improving the dynamic stability in end-milling process	Dr. Jakeer Hussain	Sadhana	2020	1	KKR KSR Institute of Technology Sciences (KITS). Vinjanampadu, Vatticherukuru Mandal, Guntur-522017	1
DESIGN AND FABRICATION OF ENEMY DETECTION ROBOT	Dr. Jakeer Hussain	Journal of Emerging Technologies and Innovative Research	2019	0	KKR KSR Institute of Technology Sciences (KITS). Vinjanampadu, Vatticherukuru Mandal, Guntur-522017	Nil
Dynamic Modeling and Stability Studies on	Dr. Jakeer Hussain	Iranian Journal of Science and Technology, Tran	2020	0	KKR KSR Institute of Technology Sciences (K	Nil

a Retrofit ted Drill Spindle Using a Se nsor-Based System		sactions of Mechanical Engineerin g			ITS). Vinj anampadu, Vatticheru kuru Mandal, Gu ntur-52201 7	
Investig ating the performanc e improvem ent by conversion of assembly line confi guration to a pure cell system in manufactur ing industry	Dr. K.Rama Kotaiah	European Journal of Industrial Engineerin g	2019	2	KKR KSR Institute of Technology Sciences (K ITS). Vinj anampadu, Vatticheru kuru Mandal, Gu ntur-52201 7	2
Research on Perform ance of Mu lti- Skilled Workers for Sustai nable Production Planning In Seru Production Systems	Dr. K.Rama Kotaiah	Journal of work	2019	0	KKR KSR Institute of Technology Sciences (K ITS). Vinj anampadu, Vatticheru kuru Mandal, Gu ntur-52201 7	Nil
OPTIMIZA TION AND INFLUENCE OF CONTROL LING FACTORS FOR MACHINING AL 6061/MOS2 MMC WITH WEDM	Dr. K.Rama Kotaiah	Internat ional Journal of Research and Analytical Reviews	2020	2	KKR KSR Institute of Technology Sciences (K ITS). Vinj anampadu, Vatticheru kuru Mandal, Gu ntur-52201 7	2
Text Sentiment analysis Based on CNNs And SVM	Dr.Ch.Ar una Bala	Internat ional Journal of Research - GRANTHAALA YAH	2019	0	KKR KSR Institute of Technology Sciences (K ITS). Vinj anampadu, Vatticheru	Nil



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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
Accident Detection and Prevention, Using IOT And Python	M.Vasim Babu	International Journal of Scientific Technology Research	2020	18	5	KKR KSR Institute of Technology and Sciences
High Performance 2:1,4:1 And 8:1 Binary And Ternary, Multiplexer Realization Using Fin FET Technology	Shaik Sadulla	Journal of Critical Reviews	2020	12	20	KKR KSR Institute of Technology and Sciences
Energy Optimization Of 6 T Sram Cell Using Low Voltage And High Performance Inverter Structures	Madhu Sudhan Reddy	International Journal of Electrical and Computer Engineering	2019	22	4	KKR KSR Institute of Technology and Sciences
Design A Full Adder Circuit Using Modernized Full Sway XOR And XNOR Gates In 130nm Mentor Graphics	G.V.Yeswanth	International Journal of Innovative Technology and Exploring Engineering	2020	40	Nill	KKR KSR Institute of Technology and Sciences
Design of CPW Fed UWB Antenna With Multiple	K Madhu Sudhana rao	International Journal of Engineering and Advanced	2019	18	Nill	KKR KSR Institute of Technology and Sciences

Narrow Circular Slots		Technology				
Artifact Elimination In Impedance Cardiography Using Gradient Based Adaptive Signal Enhancement Techniques	K.Murali Krishna	International Journal of Recent Technology and Engineering	2019	20	Nill	KKR KSR Institute of Technology and Sciences
Autonomous Gas Detection Using UAV With GPS Tracking System	Dr.M.Ram babu Naik	International Journal of Recent Technology and Engineering	2019	20	Nill	KKR KSR Institute of Technology and Sciences
Artifact Elimination In ECG Signal Using Block And Sign Based Normalized Least Mean Square Techniques	G.V.Yashwanth	International Journal of Innovative Technology and Exploring Engineering	2019	40	Nill	KKR KSR Institute of Technology and Sciences
Adaptive Noise Cancellation Techniques For Impedance Cardiography Signal Analysis	K.Murali Krishna	International Journal of Innovative Technology and Exploring Engineering	2019	40	Nill	KKR KSR Institute of Technology and Sciences
Triple Frequency G Shape MIMO Antenna For Wireless Applications	K.Sowjanya	International Journal of Engineering and Advanced Technology	2019	18	Nill	KKR KSR Institute of Technology and Sciences
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :