



Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	QIS COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)
Name of the head of the Institution	Dr.D.Venkata Rao
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08592281023
Mobile no.	9246419542
Registered Email	qiscet@hotmail.com
Alternate Email	deanacademics@qiscet.edu.in
Address	Vengamukkapalem
City/Town	Ongole
State/UT	Andhra Pradesh

Pincode	523272
2. Institutional Status	
Autonomous Status (Provide date of Conformant of Autonomous Status)	29-Apr-2015
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. Bura Sreenivas
Phone no/Alternate Phone no.	08592281023
Mobile no.	8939069775
Registered Email	iqac@qiscet.edu.in
Alternate Email	deanqc@qiscet.edu.in
3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://qiscet.edu.in/aqar/AQAR%202017-18.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	http://qiscet.edu.in/academics/academic%20calenders/2018-19/I%20B.Tech.,%20I%20Semester.pdf
5. Accrediation Details	

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.12	2017	22-Feb-2017	21-Feb-2022

6. Date of Establishment of IQAC

02-Jun-2014

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
NIRF Participation -2019	08-Sep-2018 1	158
ISO Audit Procedures	05-Jan-2019 1	165
Process of Academic Audit	16-Feb-2019 1	162
Curriculum Development Process	23-Mar-2019 1	148
Remedial measures for weak students	30-Mar-2019 1	89
Workshop on Outcome Based Education	01-Apr-2019 6	43
Workshop on Outcome Based Education	29-Apr-2019 6	37

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8. Provide the list of Special Status conferred 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	Amount
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			with duration	
EEE	Fund for Improvement of ST Infrastructure (FIST)	Department of Science & Technology	2018 1825	2000000

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
ICT tools are used effectively in data and technology transfer	
Interactive session for faculty in designing course files is conducted	
A workshop on "Pedagogy" on innovative teaching learning practices	
Conducted Faculty Development Program's in emerging areas of all disciplines	
Conducted skill trained programmes for the students in emerging areas such as Embedded Systems, IoT, Robotics etc	

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

Plan of Action	Achivements/Outcomes
Collection and analysis of feedback from all stake holders on quality related institutional processes.	Skill courses are introduced in R18 regulation to augment the skill levels of the students in varies emerging fields of engineering.
Placement training programmes and add on courses through digital platforms in collaboration with Talentio, GUVI, Globarena etc. and various workshops conducted by eminent personalities.	Achieved better and increased placements.
Motivated students to participate in activities for acquisition of new knowledge and skill in order to bring out a significant improvement in their career.	Student exhibited their talent and acquired the position of university Innovation fellows by interacting with global teams across the globe and attained an opportunity to attend a one-week workshop organized by google and Stanford University, California, USA. Student attained the position of Gaming Developer in KAMK University, Finland.
Establishment of centres of excellence for skill development in collaboration APSSDC in all emerging areas of engineering	Establishment of COE (centres of excellence) for VLSI and Embedded System. COE (centres of excellence) of Design and Prototyping.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
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ACM/GC	24-Feb-2020
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	02-Feb-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>MIS (Management Information System) is a computer supported collaborative environment system for storing, processing, sharing, exchanging and modification. One of its branches is EMIS (Education management system) is designed to improve the performance of the educational programmes offered by the institute and to manage and distribute the allocation of the educational resources. QISCET MIS (Management Information System) is divided into two parts: (i) IMS (Institute Management System) It stores student's data such student enrolment, personal profiles, Internal and external examinations details, discipline issues, library books, feedbacks on academics and administration. It also stores the information regarding faculty such as student management, faculty attendance, session plans, session execution logs, and faculty performance etc. It also stores the data regarding Hostels, Accounts, and Transportation etc. Internal and external evaluations are the two types of evaluations for measuring the performance of the student. In Examination Information system we have preexamination module and post examination module. (ii) LMS (Learning</p>

Management System): The student easily accesses the subject material, online objective question bank, previous question papers, video lectures uploaded by our faculty from time to time. Also, the data management includes the use of google spreadsheets and google forms and then excel programmed documents. The admission process uses MS Access to manage and arrange student's enrolment inputs and supplied to IMS for the classroom data management.

Part B

CRITERION I - CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	Civil Engineering	01	16/06/2018
BTech	Electrical and Electronics Engineering	02	16/05/2018
BTech	Mechanical Engineering	03	09/06/2018
BTech	Electronics and Communication Engineering	04	09/06/2018
BTech	Computer Science and Engineering	05	06/06/2018
BTech	Information Technology	12	18/05/2018
Mtech	Power System Control & Automation	53	16/05/2018
Mtech	Power Systems	56	16/05/2018
Mtech	Power Electronics & Power Systems	99	16/05/2018
Mtech	Machine Design	15	09/06/2018

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1.1.2 - Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with	Programme	Date of	Course with Code	Date of
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Code	Specialization	Introduction	Introduction
BTech	Civil Engineering	09/06/2018	18A020011 Managerial Economics Financial Analysis
BTech	Civil Engineering	09/06/2018	18C010011 Programming in C for Problem Solving
BTech	Civil Engineering	09/06/2018	18H020011 Engineering Mathematics- I
BTech	Civil Engineering	09/06/2018	18H040021 Applied Chemistry
BTech	Civil Engineering	09/06/2018	18C013021 Programming in C for Problem Solving Lab
BTech	Civil Engineering	09/06/2018	18H043011 Engineering Chemistry Lab
BTech	Civil Engineering	09/06/2018	18M023011 Engineering Workshop
BTech	Civil Engineering	20/11/2018	18G010011 Basic Electrical Engineering
BTech	Civil Engineering	20/11/2018	18H010011 English for Engineers Technologists
BTech	Civil Engineering	20/11/2018	18H020021 Calculus, Numerical Methods and Integration

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1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Mtech	Electronics and Communication Engineering-VLSI & Embedded Systems	10/07/2018
Mtech	Electronics and Communication Engineering-Digital Systems & Computer Electronics	10/07/2018

Mtech	Electronics and Communication Engineering-VLSI & Embedded Systems	10/07/2018
BTech	Electronics and Communication Engineering	10/07/2018
BTech	Mechanical Engineering	23/07/2018
Mtech	Electrical and Electronics Engineering-Power Systems Control and Automation	10/07/2018
Mtech	Electrical and Electronics Engineering-Power Systems	10/07/2018
Mtech	Electrical and Electronics Engineering-Power Electronics and Power Systems	10/07/2018
BTech	Electrical and Electronics Engineering	10/07/2018
BTech	Civil Engineering	09/06/2018

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1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Engineering	06/07/2018
BTech	Electrical and Electronics Engineering	06/07/2018
BTech	Mechanical Engineering	06/07/2018
BTech	Electronics and Communication Engineering	06/07/2018
BTech	Computer Science and Engineering	06/07/2018
BTech	Information Technology	06/07/2018
Mtech	Power System Control & Automation	14/09/2018
Mtech	Power Systems	14/09/2018
Mtech	Power Electronics & Power Systems	14/09/2018
Mtech	Machine Design	14/09/2018
Mtech	Thermal Engineering	14/09/2018
Mtech	Digital Systems & Computer Electronics	14/09/2018

Mtech	Digital Electronics and Communication Systems	14/09/2018
Mtech	VLSI & Embedded Systems	14/09/2018
Mtech	Computer Science	14/09/2018
Mtech	Computer Science and Engineering	14/09/2018
MBA	Master of Business Administration	10/08/2018
MCA	Master of Computer Applications	10/08/2018

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
Corrosion Science	10/08/2018	148
Renewable Energy - Focus on Wind Energy	22/07/2018	220
Advanced Manufacturing Systems	23/08/2018	220
Arc GIS	03/08/2018	58
C Data Structures	17/09/2018	512
Advanced PYTHON	04/01/2019	509
Building Blocks of Java	04/02/2019	249
Challenges of HRD	22/04/2019	140
Applications of CFD	27/12/2018	212
Signal processing with Simulink	17/06/2018	789

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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	67
BTech	Electrical and Electronics Engineering	32

BTech	Mechanical Engineering	45
BTech	Electronics and Communication Engineering	59
BTech	Computer Science and Engineering	42
BTech	Information Technology	60
MBA	Master of Business Administration	151
MCA	Master of Computer Applications	100

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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

College Academic Committee (CAC) initiates the curriculum design and development process. The committee alerts the concerned departments to take the feedbacks from all the stake holders at appropriate times. It directs the departments to organize Departmental Academic Committee meetings for designing and development of the curriculum. CAC also gives inputs to the Department Academic Committee (DAC) like changes brought in by UGC in the education system to incorporate as needed. The prime responsibility of the DAC is to prepare draft curriculum and to revise the existing curriculum and syllabi for the programmes by taking inputs from Internal Quality Assurance Cell (IQAC), Department of Innovative Planning for Academics Research (DIPAR), Industrial Advisory Committee and Adjunct Faculty, in addition to taking feedbacks from Parents Feedback, National/International Faculty (External) feedback, Industry Experts Feedback, Employers Feedback, Alumni Feedback, RD Experts and Scientists Feedback, Society Experts Feedback, Graduate End Survey Feedback, Regulatory Bodies, Students Feedback on Curriculum. Customary gatherings are led for

getting feedback from different stakeholders and the suggestions/recommendations given in the feedback are compiled and consolidated to understand the needs of stakeholders. The same will be prepared as report, so that the DAC will consider to choose the relevant courses. Thus, the DAC preliminarily prepares a detailed curriculum draft after convening a meeting and it is validated referring to the bench marks with National/International level requirements. Prior to submission to BoS eminent professionals from reputed institutions, audit the draft curriculum. Then the revised curriculum is submitted to BoS. After framing the draft curriculum and syllabi, the Board of Studies meet is convened. During this meeting, the draft curriculum and the syllabi are reviewed by the members of the BoS. Based on the suggestions given by the BoS members, necessary corrections are incorporated in the curriculum and syllabi. The corrected copy of the same is submitted to the Academic Council. Any suitable and important suggestions from the members of the Academic Council are incorporated and the final corrected curriculum and syllabi is published for implementation by respective departments.

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
Mtech	CS	18	14	14
Mtech	CSE	36	30	28
MCA	Master of Computer Applications	60	55	55
MBA	Master of Business Administration	180	157	157
BTech	Information Technology	60	66	59
BTech	Civil Engineering	60	71	71
BTech	Mechanical Engineering	240	180	180
BTech	Electrical and Electrical Engineering	180	189	189
BTech	Electronics and Communication Engineering	240	240	240
BTech	Computer Science and Engineering	240	240	240

[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
2018	4546	1405	344	61	5

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
410	410	9	78	78	8

[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)**

Yes, The College has independent system for student mentoring and support. The structural and functional characteristics are as follows:

Structural characteristics: 1. Students in each section are divided into three groups. 2. Each group is mentored by a faculty member, HOD is the chair for the counselors. 3. The counselors counsel the students separately in various classrooms and maintain the student data with them. Functional Characteristics: 1. The counsellors continuously monitor the progress of all his/her students regarding their attendance, result analysis, student activities, student medical record, parent discussions, punctuality, home assignment, sessional assignment, internal assessment, sports, Student discipline and research activities. 2. Class teachers meeting is conducted regularly and identify the irregular students, if student's attendance is poor, class teachers contact their parents and asked them to college to meet class teacher and HOD. When parents meet class teacher, counsellor, class teacher and HOD counsel the students in the presence of parents, and tell the parents about the importance of regularity of the class work, their children's academic record, what steps to be taken to complete the course in due time. 3. If any student is absent for mid examination, counsellor asks the reason, if it is not reasonable, then that student has to submit undertaking form for not repeat in future and counsel by the counsellor, class teacher and HOD. 4. The principal counsels the student and their parent if there is any special need. 5. Slow and potential learners are identified by concerned subject

teachers and informed to the respective counsellors. 6. Special classes are conducted for slow learners. Slow learners are supervised by senior teachers. 7. Potential learners are encouraged to participate various competitive programmes and research activities. Provisions exist for academic mentoring apart from class room work: Apart from classroom interactions, the following provisions are available for academic mentoring. 1. Faculty members are available in the faculty rooms from 9.00 a.m. to 10.00 a.m. for academic mentoring. Students meet their subject teachers and clarify their doubts. 2. Learning Management System (LMS) is available and academic mentoring takes place using ICT tools, enabling 24x7 learning platform. Students access to get information on course syllabus, learning materials, co-curricular learning information, homework, Question Answer instructions, teaching calendar, exam schedule and teacher contact information which is uploaded by faculty members. 3. Group mail ids are created by faculty members and students to facilitate online mentoring. 4. Slow learners are identified after the completion of I Mid Examinations. 5. Special classes are conducted for these students to advance in academics. Backlog reduction programmes are conducted for the students those who are having backlogs. 6. Academically high potential students are identified after conducting exam after completion of I unit of their course work. Potential learners are encouraged to participate in various competitive programmes and research activities.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4960	340	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
410	410	Nil	88	80

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	Dr. G. Lakshmi Vara Prasad	Professor	Life Member, The Society of Digital Information and Wireless Communication (SDIWC)
2018	Dr. Dasari Bujjibabu	Professor	Indira Priyadarshini Nation award for Health Foundation
2018	Dr. B. Mouli Chandra	Professor	Indira Priyadarshini Nation award for Health Foundation
2018	Nannuri.Suresh	Associate Professor	Life Member, Science and Engineering Institute

2018	Nannuri.Suresh	Assistant Professor	Fellow, Institute of Research Engineers and Doctors
2018	T. Srikanth	Assistant Professor	Life Member, International Society for Research Development
2018	K. Sambasiva Rao	Assistant Professor	Member, Institute of Research Engineers and Doctors
2018	T. Srikanth	Assistant Professor	Life Member, International Association of Educators and Researchers
2018	T. Srikanth	Assistant Professor	Life Member, International Society for Research Development
2018	Dr. Ch. Hima Bindu	Professor	International Travel Grant, University Grants Commission

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2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
BTech	01	I/I Regular	12/01/2020	17/02/2020
BTech	02	I/I Regular	12/01/2020	17/02/2020
BTech	03	I/I Regular	12/01/2020	17/02/2020
BTech	04	I/I Regular	20/01/2020	17/02/2020
BTech	05	I/I Regular	12/01/2020	17/02/2020
BTech	12	I/I Regular	12/01/2020	17/02/2020
BTech	01	I/I	30/11/2019	30/12/2019

		Supply		
BTech	02	I/I Supply	30/11/2019	30/12/2019
BTech	03	I/I Supply	30/11/2019	30/12/2019
BTech	04	I/I Supply	30/11/2019	30/12/2019

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2.5.2 - Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
13	2058	0.01

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)

<http://www.qiscet.edu.in>

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
01	BTech	CIVIL ENGINEERING	67	56	83.58
02	BTech	ELECTRICAL AND ELECTRONICS ENGINEERING	132	116	87.88
03	BTech	MECHANICAL ENGINEERING	209	166	79.43
04	BTech	ELECTRONICS AND COMMUNICATION ENGINEERING	252	238	94.44
05	BTech	COMPUTER SCIENCE AND ENGINEERING	286	262	91.61

12	BTech	INFORMATION TECHNOLOGY	56	51	91.07
56	Mtech	EEE-Power Systems	13	13	100
99	Mtech	EEE- Power Electronics and Power Systems	16	16	100
59	Mtech	EEE-Power System Control and Automation	2	2	100
15	Mtech	Mechanical Engineering - MECHINE DESIGN	14	14	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://qiscet.edu.in/pdf/igac/sss/QISCET%20SSS%20Report_Final_Weblink.pdf

CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution provides seed money to its teachers for research

Yes			
Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant
Dr B Mouli Chandra	199650	2018	2

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3.1.2 - Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. Ch. Hima Bindu	International Travel Grant	20/08/2019	University Grants Commission
National	T. Srikanth	Life Member	18/10/2018	International Association of Educators and Researchers

National	K. Sambasiva Rao	Member	12/12/2018	Institute of Research Engineers and Doctors
National	Dr. G. Lakshmi Vara Prasad	Life Member	09/03/2018	The Society of Digital Information and Wireless Communication (SDIWC)
National	Dr. R.Suneetha Rani	Life Member	01/11/2018	The Society of Digital Information and Wireless Communications
National	Dr J N Swaminathan	Life Member	01/08/2019	The Institutions of Electronics and Telecommunications Engineers
National	S Sarath Chandra	Member	01/09/2018	Institute of Research Engineers and Doctors
National	M Haribabu	Member	01/01/2019	International Association of Educators and Researchers
National	T. Srikanth	Life Member	01/11/2018	International Association of Educators and Researchers
National	M Haribabu	Member	01/01/2019	IAASSE

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3.2 - Resource Mobilization for Research

3.2.1 - 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	1825	All India Council for Technical Education (UBA)	50000	50000
Any Other (Specify)	3	University Grants Commission	107000	107000

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3.2.2 - Number of ongoing research projects per teacher funded by government and non-government agencies during the years

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3.3 - Innovation Ecosystem

3.3.1 - 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
Marketing Channel System	All departments	29/09/2019
Entrepreneurship Challenges and Opportunities	All departments	11/02/2019
Challenges and Opportunities for Entrepreneurs	All departments	12/04/2019
Efficient and Fast Wireless Power Transformer Between Charging Stations and Electric Vehicles for Saving Time	EE,ECE,MECH	10/04/2018
Effective optimisation of power supply in micro Grids	EE,ECE,MECH	10/04/2018
Creating awareness regarding Entrepreneurship among the students	All departments	19/08/2018
Comparision of Difffernt Types of Phase Converters w.r.to Efficiency	EE,ECE,MECH	11/12/2018
Product Development Process Vs Industry 4.0 Standards	All Engineering departments	07/03/2018
Prototype Validation-Converting Prototype into a Start-up	All Engineering departments	14/09/2018
Granting procedures in patents	All Engineering departments	09/07/2018
Patent drafting	All Engineering departments	07/03/2019
Design patents in India	All Engineering departments	04/03/2019
Digital Marketing	All departments	25/08/2018

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3.3.2 - 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
Distinguished Leader Award	Dr.K.Veera Swamy	Venus International Foundation, Chennai	22/03/2018	Academics

Outstanding women in engineering	Dr.Ch.HimaBindu	Venus International Foundation, Chennai	03/03/2018	research
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3.3.3 - 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
QISCET	Incubation	Sri Nidamanuri Education Society	GV Academy	Education	20/05/2018

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3.4 - Research Publications and Awards

3.4.1 - Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Electrical and Electronics Engineering	2
Mechanical Engineering	5
Electronics and Communication Engineering	5
Computer Science and Engineering	1

3.4.2 - Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Master of Business Administration	2	1.1
National	Electrical and Electronics Engineering	8	3.22
International	Electronics and Communication Engineering	16	3.8
International	Civil Engineering	2	3.5
International	Computer Science and Engineering	21	6.27
International	Basic Sciences and Humanities	1	6.4
International	Information Technology	Nil	0
International	Mechanical Engineering	13	3.06

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3.4.3 - 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	6
Electrical and Electronics Engineering	9
Civil Engineering	3
Master of Business Administration	2
Computer Science and Engineering	4
Information Technology	1
Mechanical Engineering	3
Master of Computer Applications	Nil

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3.4.4 - Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
IOT-DRONE: THROUGH IOT AUTO SECURITY SMART CAM DRONE STATION	Published	315894-001	12/04/2019
RESIDENCE MECHANIZATION IN IOT USING 6 LOWPAN	Published	201941011447	29/03/2019
SPARTAN 6A BASED ONLINE-FUZZY ANN ESTIMATORS FOR TEMPERATURE DEPENDENT PARAMETERS IN FEEDFORWARD VECTOR CONTROLLED ASYNCHRONOUS DRIVE	Published	201841036399	05/10/2018
VERTICAL AXIS TURBINE	Published	313832-001	31/01/2019
NAVIGATION OF UNMANNED AUTOMOTIVE VEHICLE SYSTEMS WITH GPS (GEOGRAPHICAL POSITIONING SYSTEM) EMBEDDED SYSTEMS	Published	201841036941	05/10/2018
CONVERSION OF GRAY SCALE IMAGES INTO COLOR IMAGE WITH TEXTURE ANALYSIS	Published	201841036398	05/10/2018

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3.4.5 - 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
Thermophysical investigations and prediction of calorimetric potentials in binary mixture of 1-butyl-3-methylimidazolium trifluoromethanesulfonate with 1-pentanol	SrinivasaReddy, M., Srinivasa Rao, G., Md Nayeem, S., Raju, K.T.S.S., Hari Babu, B.	Journal of Thermal Analysis and Calorimetry	Nil	3.99	QIS College of Engineering and Technology	5
Optimization of Welding Parameters of Ti 6al 4v Cruciform shape Weld joint to Improve Weld Strength Based on Taguchi Method	Reddy Vempati, S., Brahma Raju, K., Venkata Subbaiah, K.	Materials Today: Proceedings	2018	31.4	QIS College of Engineering and Technology	7
A novel approach for substitution of sulfonate group by (1H)-imidazole moiety: An application for synthesis of novel benzyl imidazolylcarbamates	Thripuram, V.D., Bollikolla, H.B., Mule, S.N.R., Battula, S.K., Ala, V.B.	Letters in Organic Chemistry	2018	1.4	QIS College of Engineering and Technology	1
Synthesis and biological evaluation of pyrazole amides fused combretastatin derivatives as anticancer agents	Kalpna, K., Kumar, K.R., Babu, A.V., (...), Vantikommu, J., Palle, S.	Current Bioactive Compounds	2018	1.6	QIS College of Engineering and Technology	5
Predicting non-small cell lung cancer: A machine learning	Kumar, N.K., Vigneswari, D.,	Journal of Computational	2018	0.124	QIS College of	9

paradigm	Kavya, M., Ramya, K., Druthi, T.L.	and Theoretical Nanoscience			Engineering and Technology	
Hash based approach for Mining frequent item sets from transactional databases	Mohan Srinivas, U., Anuradha, C., Murty, P.S.R.C.	International Journal of Engineering and Technology (UAE)	2018	0.18	QIS College of Engineering and Technology	Nill
Thermodynamic analysis of hybrid absorption compression system	Ramesh Kumar, A.	International Journal of Engineering and Technology (UAE)	2018	0.113	QIS College of Engineering and Technology	Nill
Smart secured real time agriculture monitoring system	Srirampavan, J.	International Journal of Engineering and Technology (UAE)	2018	0.18	QIS College of Engineering and Technology	2
Image denoising in wavelet domain with filtering and thresholding	Sumathi, K., Bindu, C.H.	International Journal of Engineering and Technology (UAE)	2018	0.18	QIS College of Engineering and Technology	1

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3.4.6 - 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
Optical properties of Sm ³⁺ - doped TeO ₂ -WO ₃ -GeO ₂ glasses for	Subrahmanyam, T., Gopal, K.R.,	Physica B: Condensed	2018	113	13	QIS College of

solid state lasers	Suvarna, R.P., Jamalaiah, B.C., Rao, C.S.	Matter				Engineering and Technology
Thermophysical investigations and prediction of calorimetric potentials in binary mixture of 1-butyl-3-methylimidazolium trifluoromethanesulfonate with 1-pentanol	SrinivasaReddy, M., Srinivasa Rao, G., Md Nayeem, S., Raju, K.T.S.S., Hari Babu, B.	Journal of Thermal Analysis and Calorimetry	2018	92	5	QIS College of Engineering and Technology
Digital Image Fusion Using HVS in Block Based Transforms	Radhika, V., Veeraswamy, K., Srinivas Kumar, S.	Journal of Signal Processing Systems	2018	51	6	QIS College of Engineering and Technology
Optimization of Welding Parameters of Ti 6al 4v Cruciform shape Weld joint to Improve Weld Strength Based on Taguchi Method	Reddy Vempati, S., Brahma Raju, K., Venkata Subbaiah, K.	Materials Today: Proceedings	2018	47	7	QIS College of Engineering and Technology
Synthesis of new C-dimethylated chalcones as potent antitubercular agents	Anandam, R., Jadav, S.S., Ala, V.B., Ahsan, M.J., Bollikolla, H.B.	Medicinal Chemistry Research	2018	45	11	QIS College of Engineering and Technology
Image fusion using uniformity in HT domain	Swamy, K.V., Radhika, V., Kumar, S.S.	Advances in Intelligent Systems and Computing	2018	41	Nill	QIS College of Engineering and Technology
A novel approach for substitution of sulfonate group by (1H)-imidazole moiety: An application for synthesis of novel benzyl imidazolylcarbamates	Thripuram, V.D., Bollikolla, H.B., Mule, S.N.R., Battula, S.K., Ala, V.B.	Letters in Organic Chemistry	2018	29	Nill	QIS College of Engineering and Technology

Image denoising in wavelet domain with filtering and thresholding	Sumathi, K., Bindu, C.H.	International Journal of Engineering and Technology (UAE)	2018	26	Nill	QIS College of Engineering and Technology
Smart secured real time agriculture monitoring system	Srirampavan, J.	International Journal of Engineering and Technology (UAE)	2018	26	2	QIS College of Engineering and Technology
Text embedding using image steganography in spatial domain	Srilakshmi, P., Himabindu, C., Chaitanya, N., (...), Sumanth, M.V., Vinay, K.	International Journal of Engineering and Technology (UAE)	2018	26	3	QIS College of Engineering and Technology

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3.4.7 - Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	735	Nill	Nill
Presented papers	11	55	Nill	Nill
Resource persons	Nill	39	Nill	Nill

[View File](#)

3.5 - Consultancy

3.5.1 - Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Computer Science Engineering	Software Development	Geetham Degree College	60000
Computer Science	Projects Training	Pooja Computers	70000

Engineering			
Computer Science Engineering	Data Base Design	Chandamama Childers Hospital	95000

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3.5.2 - Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
CSE	TATA Project	Prakasam Police	300000	977
MBA	Leadership and Team Dynamics	Financial Advisor	60000	30
MBA	Fundamentals of ERP	Sales Executives	60000	30
CE	GIS	Isha Skyline Constructions	10000	10
CE	Ground Improvement Techniques	Engineers Designs	14000	12
CE	Construction Management	Vannam Constructions	16000	14
EEE	Solar power maintenance	Duranta solar systemsPVT ltd	60000	20
EEE	Solar power maintenance	Crystal power controls	60000	20
EEE	Solar power maintenance	Govt. industrial training institute	60000	20

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3.6 - Extension Activities

3.6.1 - 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/	Number of teachers	Number of students
-------------------------	-------------------------	--------------------	--------------------

	collaborating agency	participated in such activities	participated in such activities
Voter Registration	NSS RDO PRAKASAM	2	10
Vote Enrollment Awareness Programme	NSS RDO PRAKASAM	5	200
Swachha Bharath and Disaster Management	RED CROSS	2	16
Sadbwana Divas	STEP-PRAKSAM	2	73
Kerala Flood Donation	NSS	1	18
Swachh Bharat	NSS	1	50
NSS Special Camp	NSS	1	50
Blood Donation Camp	NSS	4	86
Swachh Bharat Summer Internship	NSS	3	50
Awareness Program on Child labor, Child Marriages, Anti-drugs	NSS	2	50

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3.6.2 - 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
Jnanaabheri Work shop on Global Compitativeness	Certificate of Merit(1 st Debate (English,State leval))	andhra pradesh state council of higher education acharya nagarjuna university	1
Jnanaabheri Work shop on Global Compitativeness	Certificate of Merit(1st Elocution (English,State leval))	andhra pradesh state council of higher education acharya nagarjuna university	1
world red cross day celebrated	Certificate of Merit(1St Elocution,District leval)	indian red cross society	2
Elocution	Certificate of Award (1nd Elocution, District level	Department of Youth Services	1

)		
Swachh Bharat Summer Internship -2018	Coordinator of Swachh Bharat Summer Internship -2018	Ministry of Drinking water and sanitation youth Affairs and Sports Human resource Development	300
Yuva Mahotsavam 2019	Participated Certificate (Kuchipudi)	Deptment of Youth Services,STEP	1
Blood Donation camp	Certificate of Appreciation	RAJIV GANDHI INSTITUTE OF MEDICAL SCIENCES (RIMS)	100
National Integration Camp	Certification of Participation (2 nd cultural (Drama))	Department of youth services SETWEL	1
NATIONAL INTEGRATION CAMP	Certificate of Participation(1 st Essay Writitng	Department of Youth Services,SETWEL	1
VOTER AWARENESS PROGRAMME	CERTIFICATE OF MERIT	SVEEP-PRAKASAM DT.	1

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3.6.3 - 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 activites	Number of students participated in such activites
World environmental day	NSS JNTUK	World environmental day	2	53
National Integration camp-	STEP-Prakasam	National Integration camp-	1	20
International yoga day	NSS JNTUK	International yoga day	25	397
Integration camp	STEP-Prakasam	Integration camp	1	20
Blood Donation camp	NSS JNTUK-RIMS-ongole	Blood Donation camp	10	82

Swachha barath	NSS JNTUK	Swachha barath	5	110
Kereal Flood Donation	NSS JNTUK	Kereal Flood Donation	5	15
Sadbwana divas	STEP-Prakasam	Sadbwana divas	3	251
Divisional Level Youth Festival	STEP-Prakasam	Divisional Level Youth Festival	2	12
Swachhabarath-and disaster management - Red cross	STEP-Prakasam	Swachhabarath-and disaster management - Red cross	3	96

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3.7 - Collaborations

3.7.1 - Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange	QIS Faculty	INSTITUTION	5
Research	V.Jaikumar	INSTITUTION	30

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3.7.2 - 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
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	VEMURI RAMYA POOJA
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	SINDHU SRIKANTH
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	NUTHALAPATI NIKHIL
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	JANNABHATLA VENKATA SUBRAHMANYA SAI KIRAN
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	YERRA UJWALA

Internship	Internship	CODECHEF	22/06/2018	22/09/2018	TUMU RADHA LAKSHMI
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	THOTA SOWMIKA
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	PELLURI RAJYA LAKSHMI
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	KOTA RAMYA
Internship	Internship	CODECHEF	22/06/2018	22/09/2018	CHALAMALASETTY GAYATHRI

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3.7.3 - MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NI Systems (India) Private Limited (NI)	12/07/2018	institute industry collaboration activities	100
OAKLAND UNIVERSITY, USA	03/03/2018	institute industry collaboration activities	100
CODE CHEF	16/05/2018	institute industry collaboration activities	65
AlphaCADD	17/05/2018	institute industry collaboration activities	10
Wiztech Automation Solutions Pvt Ltd	17/05/2018	institute industry collaboration activities	235
SSK DELTA DESIGN ENGINEERING PRIVATE LIMITED	17/05/2018	institute industry collaboration activities	120

Andhra Pradesh State Skill Development Corporation, (Dassault 3D Experience Centre)	08/07/2018	institute industry collaboration activities	1200
CoreIoT Technologies	17/08/2018	institute industry collaboration activities	64

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CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
550	544.68

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing

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4.2 - Library as a Learning Resource

4.2.1 - Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
ECAP (Engineering Colleges Automation Package)	Fully	5.01	2015

4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	29118	7861135	3622	1386436	32740	9247571
Reference Books	8103	2259379	251	193050	8354	2452429
e-Books	1102	120000	1102	13570	2204	133570

Journals	1706	3634834	433	1045667	2139	4680501
e-Journals	24109	4910168	483	1450154	24592	6360322
Digital Database	Nil	120000	Nil	13570	Nil	133570
CD & Video	3893	Nil	33	Nil	3926	Nil
Library Automation	Nil	115000	Nil	15000	Nil	130000
Weeding (hard & soft)	25	12372	13	4102	38	16474
Others (specify)	Nil	5410462	Nil	791240	Nil	6201702

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4.2.3 - E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
D. Abhilash	Design Drawing of Steel Structures	Institutional LMS	10/12/2018
Dr. R. Lakshmi Tulasi	Cloud Computing	Institutional LMS	09/07/2018
Dr. M.N. Faruk	C Programming	Institutional LMS	07/07/2017
Dr. D. Venkata Subramanian	Information Retrieval Systems	Institutional LMS	03/07/2018
Dr. R. Manoharan	Software Testing	Institutional LMS	04/07/2018
K. Sirisha	Management Science	Institutional LMS	14/12/2018
Dr. K.B. Jagadish Kumar	Cyber Forensics	Institutional LMS	11/12/2018
B. Rama Devi	Advanced Operating Systems	Institutional LMS	14/12/2018
T. Sireesha	Service Oriented Architecture and Web Security	Institutional LMS	14/12/2018
Dr. Srinivasulu Manda	Perl	Institutional LMS	03/07/2018

[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	800	740	800	10	10	15	25	100	0
Added	100	80	100	2	5	6	7	40	0
Total	900	820	900	12	15	21	32	140	0

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

140 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
Handicam, Tripod, TV, Still Camera, Scanner, Internet, Wi-Fi etc.	https://qiscet.edu.in/qiscet/

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
1365	1347	920	898

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)

The institute has an elaborate system of maintenance of its physical, academic and support facilities like laboratory, library, sports, computers, classrooms etc. As a part of the system, the institution has an infrastructure head and is allocated with an infrastructure coordinator in each department to maintain, supervise and report any problems related, to look upon the maintenance of overall infrastructure facilities which include civil works such as furniture repairs, masonry and plastering works, painting, carpentry, plumbing and housekeeping. There is a

team of workers under the supervision of a Campus Clean and Green Head, to look after the maintenance of rest rooms, approach roads and cleanliness of the entire college premises. Housekeeping services are thoroughly implemented and kept track of. The overall maintenance of infrastructure is done consistently with the help of professional and skilled technical and administrative staff. The Institution also hires requisite number of in-house staff to diligently maintain hygiene and cleanliness in the campus so as to provide a hygienic and pleasant learning environment. The HODs report, recurrently on the requirements of maintenance and repairs of the particular department to the concerned Infrastructure Head. These requirements are processed during every semester breaks so as to keep things set up for the smooth running of the upcoming academic year/semester. Classrooms: The Classrooms, Seminar halls, Departmental office, Staff rooms, Administrative office are routinely cleaned and maintained hygienically. The concerned staff is appointed for the purpose who are assigned to a particular location to ensure cleanliness of the location. A supervisor sees that the job is executed in a proper way. Dustbins are placed in almost all the rooms in the campus. The Greenery of the campus is appropriately looked after by full time gardeners. The campus has access to Wi-Fi facilities. As a preventive measure from any accident all the blocks are connected with fire hydrant system. Fire extinguishers are also kept as a safety measure. Periodical checking is carried out to ensure the safety and security of the students. Laboratories: All the laboratories are well established as per the norms of AICTE and JNTUK, decently equipped and maintained to conduct laboratory courses. Based on the curriculum and strength of the class the number of equipment and infrastructure is maintained in the laboratories. Based on the need and the list of experiments done in the respective domain, the equipment is augmented on a continual basis. The equipment in the laboratory is maintained well and calibrated time to time to provide accurate results. The labs are ICT enabled in order to facilitate the smooth conduction of experiments. The lab classes are conducted regularly. A few unutilized lab slots per week are allotted for regular maintenance works in the laboratories. The equipment in the laboratory and workshop are maintained by qualified technical staff. All laboratories have a power backup system (UPS) and standby power generators. Above all, the point of utmost importance is, the safety of the student and staff in the institution. Hence every lab is provided with the safety

<https://qiscet.edu.in/qiscet/>

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	Institutional Scholarship	4450	75345451

Financial Support from Other Sources			
a) National	RTF, Govt. of Andhra Pradesh	3334	1730179500
b) International	Nil	Nil	0

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5.1.2 - Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft Skills- Campus Recruitment Training Program	03/01/2019	929	Faculty of English, Dept of SH, QISCET.
Guest Lecture on Communication Skills	19/07/2018	936	R O L Sharma, Trainer at Eenadu Journalism School, Hyderabad.
Program on Yoga and meditation.	15/09/2018	152	Mr. V. Ramanjaneyulu (PG Diploma in Yoga)
Program on Physical Fitness	17/08/2018	25	B Vinod Kumar
Awareness Program on 3D printing	18/03/2018	236	Mr. Suraj Pardhan
Seminar on C Programming using Python	19/03/2019	143	Talentio Pvt Ltd

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	CRT - Non technical	1189	1189	153	123
2018	Coding skills	1089	1089	138	122

2018	Technical training	68	68	51	32
2018	Technical training	108	108	82	57
2018	Technical training	68	68	48	32
2018	Technical training	108	108	92	54
2018	Core - CRT	163	163	110	53
2018	Software - CRT	286	286	143	46
2018	Technical training	92	92	46	31
2018	Selenium training	105	105	62	28

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	3

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
AEGIS	462	16	Automotive	47	15

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	3	B.Tech	CSE	QISCET	M.Tech
2018	38	B.Tech	CSE	QISCET	MS
2018	31	B.Tech	ECE	QISCET	M.Tech
2018	8	B.Tech	EEE	QISCET	M.Tech
2018	6	QIS College of Engineering and Technology Ongole Andhra Pradesh	Mech	QISCET	M.Tech
2018	7	QIS College of Engineering and Technology Ongole Andhra Pradesh	Civil	QISCET	M.Tech
2018	7	QIS College of Engineering and Technology Ongole Andhra Pradesh	IT	QISCET	M.Tech

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

Items	Number of students selected/ qualifying
NET	Nil
SET	Nil
SLET	Nil
GATE	7
CAT	Nil
GRE	1
TOFEL	1
Civil Services	1
Any Other	17

[View File](#)**5.2.4 - Sports and cultural activities / competitions organised at the institution level during the year**

Activity	Level	Number of Participants
QIS FEST-2K19 (Kabaddi,Basketball,Volleyball,Chess,Table Tennis,Throwball)	National	410
PRAKASAM AND GUNTUR DISTRICTS BASKETBALL(BOYS) TOURNAMENT	District	120
YUVA MAHOSTAV 2018-19	District	230
INTERNATIONAL YOGA DAY	College	60

[View File](#)**5.3 - Student Participation and Activities**

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Runner	National	1	Nill	15491A0133	Maddisetty Murali
2018	Runner	National	1	Nill	15491A0152	Shaik Fayaz
2018	Runner	National	1	Nill	15491A0150	Shaik Akib Anwar
2018	Runner	National	1	Nill	15491A0146	Pachava Naga Sarath
2018	Best Performance in the Dance	National	Nill	1	17491E00H5	K. Hemanth
2018	Runner	National	1	Nill	17491F0042	N. Sai Teja
2018	Runner	National	1	Nill	15491A03G4	P.Naveen kumar
2018	Runner	National	1	Nill	15491A0311	E.Vamsi krishna

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

One of the most important components of Institution's vision and mission is to develop the various skills of our students. In QISCET, there opportunities are provided through various committees and club activities. The details of various important academic and administrative committees that have student representatives' roles are Anti-Ragging committee, Class Review Committee, Hostel Committee, Canteen Committee, Sports Cultural committee: Community Services committee, Alumni Committee, Internal Quality Assurance Cell, Women Development Cell Committee etc. • In Anti ragging committee, the student members along with staff member will prevent ragging in college campus, college hostels and outside by addressing the senior students related to ragging and its consequences, displaying the details of punishment in all notice boards, Vulnerable spots such as Canteen, Corridors of 1st Year classes, Library, Office, Hostels, Buses, Department Classes Labs etc. • Class Review Committee: The student members are included in class review committee to assist the faculty in monitoring the class so that the students, in every way, maintain the highest standards in academic performance, behaviour, conduct and discipline. • Hostel Committee: The student members of this committee help the hostel authorities in developing the annual hostel plan and manual, preparing annual hotel budget for approval, developing hostel rules and regulations and guide lines for conducting orientation programmes, developing supporting plan for academic activities, developing monitoring and control mechanism for hostel plan. • Canteen Committee: The student members collect inputs from peers along with staff members continuously monitors the hygiene, quality and quantity of the food. • Sports Cultural committee: Two students from each department are the members of this committee to promote sports activities to promote physical fitness and it will identify various cultural implications which have positive effect in their academic and professional arena, planning cultural events for the academic year, Preparation and submission of the Annual Budget for various cultural events, Scheduling the cultural events (Preparing annual cultural calendar). Monitoring conduction of the scheduled events in coordination with various departments, Collecting and analysing feedback from stakeholders to improve the quality of events. • Community Services committee: The student members of this committee will identify the villages to be adopted for providing community services, Planning for conducting surveys to identify various types of community service for the development of adopted villages, Preparation of road map for rendering community service, Preparation and submission of the Annual Budget for various community services, Collecting and analysing feedback from stakeholders to improve the quality of service, Auditing the community services rendered at various adopted villages, Rendering community services through NSS, student voluntary organization of community

services. • Alumni Committee: The students' alumni meetings are a regular feature of acknowledges the alumni contributions to the college in terms of establishing alumni awards to the students in academic excellence, which are given away during annual day. Their contributions in the form of guest lectures, and referrals through strong networking are considered to be an appreciable wealth of the college. • Internal Quality Assurance Cell (IQAC): A Student nominee

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

5.4 Alumni Engagement 5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non-financial means during the last five years. The QIS Alumni Association objective at working for an all-time collaboration a feeling of society among alumni of the institute. The alumni of QIS are now extent across the world, contributing to the society as Engineers, Teachers, Scientists and Entrepreneurs. The alumni of our college have found and will keep on finding positions in institutions of National International reput and the association being a platform for mutual awareness among all. The association also provides communication between past present graduates and faculty of the college. QIS alumni contributions can be in the following manner 1. Interaction with Current Students: The Institute ensures that the alumni is not only in touch with their faculty, but also with the current batch of students. And therefore, QIS involves its alumni in delivering several corporate interaction sessions throughout the academic year. 2. Activities Planned: Now a days Technology is changing, and Industry is eager to recruit the people who meet their requirements. According to the industry needs or changes in technology Our Curriculum will be designed. Organization try to fulfill that gap through many value added programs like Guest Lectures, Seminars and Orientation. We preferred alumni students to conduct those events because there are familiar with society and industry. 3. Job offers by Alumni: Most of the alumni are in Lead position in their companies. So many-a-time alumni themselves are part of the placement finalize groups, and some of them are established entrepreneurs and offer jobs Internship by Alumni. 4. Alumni Feedback: The Main purpose of this feedback is to obtain alumni input to assess the quality of the academic program to strengthen the academics Institute. 5. BOS Member: QIS alumni are one of the BOS member to fulfill the gap between academics and industry needs.

5.4.2 - No. of registered Alumni:

750

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

0

5.4.4 - Meetings/activities organized by Alumni Association :

In the stipulated time period, two meetings were conducted in the below mentioned dates.
23.12.2018 06.02.2019.Total number of attendees: 196

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 GB follows democratic (participatory), de-centralized, and transparent governing approaches. It actively involves all stakeholders for smooth functioning of the college. 1. Finance Committee (FC): The finance committee was established to monitor and planning of the financial resources of the institute for its survival. The committee is responsible to conduct the internal and external audits and also timely ITR filings. 2. To ensure the component level skilling the management directed the BoS Chairman's to form appropriate members for their BoS. As a result the R18 Curriculum addressing the needs of the component level skilling.

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

Yes

6.2 - Strategy Development and Deployment**6.2.1 - Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):**

Strategy Type	Details
Admission of Students	Students are admitted through EAMCET /ECET/ GATE /PGCET/ ICET ranked students under category-A. Management quota/NRI Seats are filled under Category-B with proper notifications issued by the Government of Andhra Pradesh.
Industry Interaction / Collaboration	MoUs with industries Collaborative research with other institutes and industries Organization of conferences and workshops in collaboration with industries Offering consultancy services to industries. Guest lectures, value added programmes, skill courses and training. Internships and projects.
Human Resource Management	The HR department of the college works in dynamic manner by timely identifying the gaps and needs in terms of human resource planning and recruits the qualified faculty. The recruitment will be conducted as per the administrative manual. Faculty are encouraged through performance based increments and incentives.

Library, ICT and Physical Infrastructure / Instrumentation	The Library is rennovated and ICT facility is provided in all class rooms to enable faculty members for effective delivery of the lectures. E-books from leading publishers are available for access to students Access to E-journals for all students and faculty members. Adequate number of titles and volumes for all programmes. Automation Software has been adopted for better service.
Research and Development	<p>Research and Development Cell The R D cell is composed of academic members from several departments around the institution. This committee is responsible for ensuring the seamless and effective coordination of the Institutions research and development efforts, hence supporting overall growth. The members will contribute to the advancement of QIS College of Engineering and Technologys research and development efforts. The RD Committee will organize, promote, and evaluate RD activities at the Institutional level, such as financed RD projects and consulting initiatives. The members meet once a month to discuss the status of existing initiatives, to establish annual goals, and to design strategies for achieving those goals. The RD cell assesses accomplishments and suggests performers for recognition and rewards. A senior faculty member serves as the RD Coordinator for this cell, with the Principal providing advising support. The Constitution of the R D cell is as follows: Chairman : Principal Co-Chairman : R D Coordinator Members :</p> <p>Each department has a single point of contact (SPOC). Each department has an RD Coordinator who is responsible for monitoring the departments RD operations. The departments professors will be clustered according to their areas of interest, and they will be assigned projects related to their areas of competence.</p> <p>Responsibilities of R D Cell: To stimulate and encourage faculty members to submit applications for externally supported research and development initiatives. To foster interdisciplinary and transdisciplinary research, product design and development, and high-quality publications in prestigious national and international journals. To foster relationships with experts at prestigious institutions and to promote collaborative research in a variety of national and international priority areas. To create and promote memorandums of understanding with companies and research and development groups for the purpose of consulting and joint research. To organize seminars, workshops, conferences, and training sessions aimed at instilling a research culture in faculty. To encourage academic members to give speeches and serve as resource persons at a variety of events, including seminars, workshops, conferences, and training programmes. To make site visits to research and development organizations and distribute knowledge about the efficient implementation of research projects. To recommend peer-reviewed national and international publications for central library subscription. To keep</p>

	<p>everyone informed of all funding agency announcements, such as the Department of Science and Technology, the Department of Atomic Energy (DAE), the Defense Research and Development Organization (DRDO), the Indian Space Research Organization (ISRO), the Council of Scientific and Industrial Research (CSIR), the All-India Council for Technical Education (AICTE), and the University Grants Commission (UGC). To encourage students to submit technical papers to national and international conferences and to exhibit their work at competitions and exhibitions. To depute faculty for seminars, workshops, FDPs and conferences in order to upgrade their knowledge.</p>
Examination and Evaluation	<p>The Department of Examination Section has various wings and procedures to conduct the examinations and to evaluation process. Conduction and evaluation sections have their procedures to ensure the quality. The following are some of the quality improvement strategies adopted by the institution: To ensure the quality in questioning, Blooms taxonomy has been adopted during the design of question paper. QPAC (Question Paper Assessment Committee has been formed at the department level to ensure the questioning quality for the internal mid examination question paper). Validation of Results by committee for accurate results. Internal Online Quiz to ensure students face the competitive exams confidently Revaluation of Scripts Continuous Assessments for student progression</p>
Teaching and Learning	<p>QIS College of Engineering believes in the adoption of students centric methods to enhance student involvement as a part problem solving methodology. Problem solving Methodology has the following elements: 1. Case studies: Case study method is adopted in teaching learning process to make the students have logical thinking and practical knowledge to develop problem solving ability. This is commonly adopted in management programmes as well as while teaching Business law, cyber laws etc. 2. Analysis and Reasoning :All questions in examination are based on analysis and reasoning. Free internet access in the library and wifi facilities in campus promotes the habit of self-learning and discussion. 3. Discussion :QISCET follows the discussions methods in many of the subjects as it makes the students to think wide and participate in coming up with the opinions suggestions to check their current knowledge. Discussions are held basically in soft skills, managerial communications, business adoptions etc. 4. Quizzes :Quizzes are conducted by subject teachers in all UG and PG programmes. 5. Research Activities :Research activities are conducted in each Department under the guidance of senior faculty where the students of different semester get knowledge about emerging area and help them to promote in Research aptitude.</p>

Curriculum Development	<p>Drafted Curriculum are prepared by all Departments taking guidelines from AICTE Model Curriculum •Focusing on OBE Implementation Choice Based Credit System (CBCS).</p> <p>•Specifying Course Outcomes (COs) as per Bloom's Taxonomy. •Deciding the level of Correlation of COs with POs and PSO'S •Constituting Board of Studies (BoS) with members from NITs, IITs, Alumni and Industry. •Appointing industry personnel and alumni as members of Board of Studies. •Receiving feedback from the employers and alumni on existing curriculum for the required improvement and innovation.</p> <p>•Involving academicians, employers, Alumni in the design and development of curriculum. • Collecting information on latest technologies and studying the future needs of the industry. •Salient Features of Current Regulations. •Add-on Courses Open Electives (MOOCs) Program Electives. •Carryout Main Project in Industry. •Internship. •Environmental Science. •Co-curricular/Extracurricular activities (Mandatory) .</p>
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6.2.2 - Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>1. E-CAP Attendance software has been in use for monitoring students' attendance. After every class hour the concerned course teacher will be marking the absentees in the software system. 2. Through The E-CAP, The Class teacher marks leave, OD and also the continuous internal assessment marks in the software system. 3. It helps the class teacher to keep track of his/her batch of students' attendance etc. Proper counseling is given for poor performers.</p>
Administration	<p>Surveillance systems (CCTV) has been implemented for monitoring the campus for better administration in 360 degrees. Restricted Entry system has been implemented to avoid unauthorized entry. Entry Passes has been issued to all the staff. Access Cards has been issued to all students and staff for authorized entry to strengthen the security systems.</p>
Finance and Accounts	<p>Tally Software has been used to maintain the financial transactions. The Payroll can be generated through E-CAP software, Where it is linked to staff attendance and the leave history.</p>
Student Admission and Support	<p>The E-CAP software facilitate the complete student services interms of profiling, performance, attendance,grievance...etc.</p>
Examination	<p>Allthe examination services are facilitated by a special software QIS EXAM PORTAL. The E-CAP Also provides the students data for result processing.</p>

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.Sreenath	Workshop on High Performance Computing SRM University, Kattagalthur.	Nil	2240
2018	G.V.S.Kiran Kumar	Workshop on High Performance Computing SRM University, Kattagalthur.	Nil	2240
2018	K.Vijay	Workshop on High Performance Computing SRM University, Kattagalthur.	Nil	2240
2018	A. Anuha	prima vera/PACE Institute of Science Technology	Nil	2400
2018	B.K. Appala Raju	prima vera/PACE Institute of Science Technology	Nil	2300
2018	Ch. Nithin Raja	prima vera/PACE Institute of Science Technology	Nil	2300
2018	A. Suseela	prima vera/PACE Institute of Science Technology	Nil	2300
2018	G. Chandra Sekhar	prima vera/PACE Institute of Science Technology	Nil	2300
2018	D.V. Bhavani	prima vera/PACE Institute of Science Technology	Nil	2300
2018	Pradeep Kumar	prima vera/PACE Institute of Science Technology	Nil	2398

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6.3.2 - Number of professional development / administrative training programmes organized by the Colleges 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	From date	To Date	Number of participants	Number of participants
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		for non-teaching staff			(Teaching staff)	(non-teaching staff)
2019	Professional Development Program on Plastic Roads	Nill	28/01/2019	28/01/2019	11	Nill
2018	Professional Development Program on Fiber Reinforced Concrete	Nill	08/11/2018	08/11/2018	14	Nill
2018	A Program on Earth quake Resistance Buildings	Nill	10/03/2018	10/03/2018	8	Nill
2019	Professional Development Program on "IPR-Patent Filing"	Nill	11/02/2019	13/02/2019	25	Nill
2019	Professional Development on Curriculum Implementation	Nill	01/04/2019	06/04/2019	32	Nill
2018	Workshop on Managing Google tools for education	Nill	05/11/2018	07/11/2018	21	Nill
2019	Five Days Professional Development Training Program on CNC Programming	Nill	20/02/2019	24/02/2019	4	Nill
2019	Ten Days Professional Development Training Program on 3D Printing Machines	Nill	03/08/2019	Nill	4	Nill
2018	Modern Techniques In Electrical Wiring (Industry House Hold)	Nill	03/12/2018	04/12/2018	5	Nill
2019	A Workshop on "Electronics circuit designing PCB Designing	Nill	03/06/2019	05/06/2019	5	Nill

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6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term

Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
E - TABS	3	22/04/2019	24/04/2019	3
FDP on Big Data Analytics	7	17/04/2019	18/04/2019	2
One week Faculty Development Program Web scraping and growing with python	29	16/08/2019	21/08/2019	6
Participated in conference on Industry 4.0	1	17/12/2018	18/12/2018	2
one week fdp on 5G communication	1	29/05/2018	03/06/2018	6
FDP on cyber security	1	28/09/2018	28/09/2018	1
Indian Cyber congress (INCYCON)	1	16/05/2019	24/05/2019	9
One week fdp on Simulation and Emulation Softwares in ECE domain	1	12/11/2018	17/11/2018	6
Udemy	1	26/12/2018	26/12/2018	1
Two days Faculty Development program on "MACHINE LEARNING USING MATLAB"	56	29/10/2018	30/10/2018	2

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
416	91	243	36

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
12	286	150

6.4 - Financial Management and Resource Mobilization

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

Financial planning and management place an important role in growth and development of the institution. The institution has a sound and efficient financial management structure in place. Recognized and authorized auditors conduct internal audits regularly. AP Government pay the fees (through reimbursement) of all eligible students admitted into the college through Mother Accounts. Therefore transparency is maintained in all respects by the institution. All the expenditures incurred by the college is maintained by the college accounts department and duly submitted to the government from time to time. The College has well established Finance Committee. The main objective of the finance committee is to reviews the financial planning periodically. The institute has been registered under section 12A of the Income Tax Act. The finance committee acts as an advisory body to Governing Body (GB) on matters of finances connected to the college. To ensure financial compliance The Institution accounts are audited by internal and external auditors. The third party qualified auditors prepare the institute level budget for every assessment year and present it to the governing body for further proceedings. The finance committee reviews the income/expenditure statements and report the same to the governing body for further recommendations and action plan. Optimal utilization and execution of the budget is monitored through internal and external auditing. At the beginning of every financial year the annual budget for institute is prepared and proposed for recurring and non-recurring potential income and expenditures involved for the year. The departmental level budget proposals are also prepared and submitted for the approval of the Governing Body. Channelization of funds in the institute is through resource and fund channelization policy. The primary source of collection is tuition fees. Besides, revenue is generated through the financial grants obtained through external research projects and through the consultancy works carried out by the faculty. Internal Audit: Qualified and certified internal auditors appointed to do the audit on regular basis. The college auditors conduct the audit of accounts quarterly, scrutinizes and verifies all payments, receipts and journals vouchers of the transactions, cash books, ledger account and all bank accounts in every financial year. The accounts are also subjected to external auditor. The auditors prepare and submit the income and expenditure statement and Balance Sheet and Depreciation statement. All government Scholarships and Funds received from government as Grants are audited separately by the Auditor appointed by government. As an act of transparency, the audited financial statements are published on the college website and also sent to the statutory and regulatory bodies.

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
General Electronics Refrigeration	2000	Qis fest 2k18

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6.4.3 - Total corpus fund generated

33126754

6.5 - Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	External Experts from reputed Institutions/ Agencies	Yes	Seniors Professors, HoDs of other Departments and Deans
Administrative	Yes	External Experts from reputed Institutions/ Agencies and also by ISO Experts	Yes	Seniors Professors, HoDs of other Departments and Deans

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

1.Regular meeting during the induction program 2.General awareness program on placement opportunities and Trainings 3.Discussion on academic performace 4.Parents are called to inform theie children mis-behaviour if any.

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

1. Conducted 3 day Training program on E-CAP 2.Conducted One Week Training Program on Programming Concepts 3.3 Day Workshop on Swasa Meeda Dhyasa 4.Workshop on Personality Development

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

1.Worked to catchup the Virtusha Centre of Excellence and got sanctioned. 2.Established student service centre. 3.Skill Development courses and CRT programs are exclusively delivered by the industrial professionals only.

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
2018	Workshop on using of ICT.	15/07/2018	15/07/2018	16/07/2018	169
2018	Awareness Program on Patent Filing	24/08/2018	24/08/2018	24/08/2018	96
2018	Expert talk on Successful Career development	13/11/2018	13/11/2018	13/11/2018	78
2018	Awareness Program on Disha App-A Women Safety App	27/12/2018	27/12/2018	27/12/2018	56
2018	Workshop on understanding Co, Po Attainment	21/01/2019	21/01/2019	21/01/2019	206
2018	Workshop on Github	02/03/2019	02/03/2019	02/03/2019	94
2018	Webinar on Research paper writing	03/04/2019	03/04/2019	03/04/2019	156
2018	Workshop on Outcome Based Education	04/04/2019	04/04/2019	04/04/2019	186
2018	Career Opportunities for children	24/04/2019	24/04/2019	24/04/2019	48
2018	Awareness program on Online Frauds	05/07/2019	05/07/2019	05/07/2019	122

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CRITERION VII - INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities****7.1.1 - Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)**

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness Program to improve Mental ability Among the Girl Students	12/03/2019	12/03/2019	75	25
Seminar On 'Women Entrepreneurship Opportunities and challenges	04/04/2019	04/04/2019	120	50
Awareness Program on women Trafficking	24/10/2018	24/10/2018	80	20

International Womens Day in collabaration with NSS unit

08/03/2019

08/03/2019

80

10

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

Our institution has prioritized environmental awareness and sustainability, and as a result, the college is taking steps to increase the usage of renewable energy. Currently, the college consumes 720000 units of electricity per year on average. As a green initiative, the institution has installed a Solar PV module Power Plant with an output of roughly 360000 units per year, which meets over half of the annual power demand. The solar power plant has 953 numbers of 315wp pv modules and 3 ph 415 grid connected solar inverters-300kwp (or) 320 kw x 525 PVP, 325 kw x 412 PVP 27 kva- 11 Inverters (Fronius String Inverters) that help to meet 50 of total power consumption, saving 50 of total power, which is a sustainable practice.

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill
Ramp/Rails	Yes	Nill
Braille Software/facilities	Yes	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	Nill
Special skill development for differently abled students	Yes	Nill
Any other similar facility	Yes	Nill

7.1.4 - Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	2	30/07/2018	24	Conducted Blood Donatation camp	Identified Blood needed People To Donate the	305

					in Association with RIMS Ongole	Blood for needy people	
2018	1	1	04/10/2018	12	Distributed Plants in the Village Vengamukkapalem	Adressed the Importance of Plants and Greenary.	26
2018	1	1	03/01/2019	12	Career guidance to school children	Identified the students 8th,9th,10th students from various schools explained Need for basic education and opportunities after school education	39

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7.1.5 - Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Code of ethics and conduct for the students	01/06/2015	<p>1. College working days are scheduled from Monday to Saturday. Working hours are planned from 9.00 AM to 5.00 PM. On the second Saturday and the fourth Saturday of every month, the classes are scheduled from 9.am to 4.pm. As the first period starts at 9.am daily, all the students should enter the class before the class starts. 2. All the students should greet the teacher,"Good Morning "when he enters the class and should say 'thank you' when the teacher leaves the class room. 3. If Students have labs either morning sessions or afternoon sessions, they should follow dress code and have to report in time. They shall carry observation note books and records. 4. In every Lab session, Students shall get correction of their records from the teacher for the previous lab experiment. 5. During the college working hours, if the student wants to leave the campus for any cause, they shall get permission from class teacher and HOD. Without principals or HOD's signature on gate pass the student will not be allowed outside the campus. 6. Sports hour is provided to the students once in a week. Students can be trained in their interested game by</p>

the physical director. 7. Students shall use Library and digital Library facilities during their library hours. 8. Students shall be counseled by their mentors if they got less marks in the mid-term examinations. 9. Ragging is strictly prohibited inside the campus and outside the campus. Students are instructed about this at the outset of induction classes. 10. After the completion of first unit, student shall write the examination. According to their results, the sections will be allotted to them. 11. Backlog reduction classes will be conducted for the students who have backlogs in previous semesters. 12. Study hours will be conducted for slow learners and hostellers. During study hours they will be monitored by the teachers. 13. Students can complaint their sanitary issues in Grievance and Redressal cell. 14. Class Committee meetings will be conducted two times in every semester. Committee students can discuss about their academic schedules, discipline activities and the feed back of their subjects. 15. Campus recruitment training classes are provided to the students by the trainers from the first semester onwards. 16. Campus drives will be conducted from final year first semester. All students shall be trained to get placed with high packages. 17. No hostel student shall stay in hostel without permission during the college working hours. 18. Using Mobiles is strictly prohibited inside the campus and hostlers are not supposed to bring mobile phones to the hostel. 19. Students are expected to make use of academic, co-curricular and extracurricular facilities. 20. Students should take permission from their HOD, if they wish to participate in Competitions in national and regional level. 21. Political activities are not encourages in the campus. Miss behavior towards the girl students, use of threat or violence against the staff members or fellow students will be considered as very serious cases of misconduct. 22. On or off Campus attempted or real theft and /or destruction to the College, Property of a Member of the College Community or any Personal or Public Property shall be deemed a Criminal act. 23. Students are not permitted to Spread Printed Materials on the College Campus without the authorization of the Principal. 24. Latecomers will not be permitted to enter the Class Rooms. 25. A Student should maintain at least 75 attendance in each subjects Lectures and a perfect overall grade. He or she will be expelled from the University Examination if this does not happen.

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
World environmental day	06/05/2018	06/05/2018	53

National Integration camp-	24/07/2018	28/07/2018	20
International yoga day	21/06/2018	21/06/2018	397
Integration camp	24/07/2018	24/07/2018	20
Blood Donation camp	30/07/2018	30/07/2018	82
Swachha barath	14/08/2018	14/08/2018	110
Kereal Flood Donation	16/08/2018	16/08/2018	15
Sadbwana divas	20/08/2018	20/08/2018	251
Divisional Level Youth Festival	28/08/2018	28/08/2018	12
Swachhabarath-and disaster management -Red cross	05/09/2018	05/09/2018	96

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

1 Go Green Initiative, 2 More Tree Plantation, 3 Green Maintenance 4 Waste Management 5 Eco Friendly Products Usage, 6 Plastic Free Campus

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

Best Practice-1

1. Title of the Practice Experiential Learning through Course Based Projects
2. Goal • To emphasize on higher order thinking of Bloom's Taxonomy - Applying, Analyzing, Evaluation and Creating. • To switch from "Knowledge Acquiring and then Implementing" to "Implementing for Knowledge Acquiring".
3. The Context • In view of current and future requirements of Industry, the education should give a provision of implementing advanced teaching learning techniques to enable the students to be industry ready. • Higher order Thinking is a must to transform the students from Campus to Corporate. • Apart from the knowledge of literature, graduates should be trained to solve technical challenges in the view Sustainable Development Goals (SDGs). • Standard teaching-learning may impart low level thoughts as described in the Bloom's Taxonomy whereas the requisite skills such as Applying, Analyzing, Evaluating and Creating may be replenished by modernized teaching-learning techniques.
4. The Practice • The theory and practical courses offered to students with the aid of variety of learner- centric teaching methodologies, provides required information and practical skills of those concepts. • The global industry demand for project execution is not completely achieved through the above-mentioned process. • In order to fill this gap, a team of two to three students are engaged in a collaborative approach in implementing a

real time application related to the experiments of the respective courses. • By the end of the semester, a prototype is developed which incorporates all the concepts learnt during their course work. • This approach is referred as "Course Based Projects" where students carry out research in laboratories relevant to the theory and practical classes. • Student teams shall be advised to select a Course Based Project for each laboratory course and the Faculty coordinators lead the students in developing the prototype during the whole semester. • Internal and external reviews of the projects are performed on the basis of well-defined standards like Content, Design Analysis, Implementation/Execution, Presentation and Report. • The evaluation summary is presented to the students for further improvement of the prototype. • Students gain experiential learning through the development of a prototype, which is essential for the achievement of project implementation skills. • Teamwork refers to the development of critical process and leadership skills. In this context, students are introduced to the development of technological solutions to societal challenges through the knowledge-building process.

5. Evidence of Success • Course based projects are implemented for the benefits of students, who have completed this phase of higher-level education and grabbed better internships and campus placement opportunities. • The mini and major projects implemented by these batches have in depth technical, social and research values. • Students participated in national and international conferences, seminars, technical fests and workshops etc., with this expertise and received several awards. • In addition, each student has the ability to carry out additional assignments during their tenure of study. This ability brings importance to the experience of candidates, allowing them to achieve opportunities for jobs and further education.

6. Problems Encountered and Resources Required • It is the student's opinion that, apart from the regular lessons, it is a burden for them. Slow learners initially take the Course Based Tasks as an overhead and are unwilling to perform effectively. • The course coordinators motivate and encourages students to carry out the projects. Existing laboratories with latest equipment are well utilized beyond regular hours. • Initially, the expenses incurred for the projects were taken care by the students, which is an unnecessary burden for them and later it was resolved by the institute by providing considerable funding to them.

Best Practice-2

1. Title of the Practice: Instilling the spirit of research among faculty for an enlightened technological growth.

2. Objectives of the Practice • To enhance the quality of teaching learning process • To ensure quality is maintained in the undergraduate and post graduate projects. • To encourage the faculty and students to present and publish their research articles in International/ National journals and conferences of repute. • To carry out collaborative projects and provide consulting services in order to maintain long-term interactions with academia and industry. • To ensure that the innovative ideas and creative thoughts are patented. • To obtain research projects from several funding agencies

3. The Context Researchers are always looking for new ways to improve the world around them. Today's world is changing at a rapid pace, opening up new opportunities for research aimed at improving our quality of life. Demands and needs are

constantly changing, and keeping up with them is now the most important factor. Demand for new products and projects has necessitated a constant stream of innovation. There was a strong desire to increase research and development in various independent fields and encourage multi-disciplinary research as a result of this. 4. The Practice There must be a close relationship between teaching and research. In order to achieve this goal, the college promotes research in the following ways and means:

- Encouraging students to pursue careers in higher education in world class universities.
- Sponsoring for seminars, conferences, workshops, orientation courses, and refresher courses such as STTPs, FDPs, SDPs, and other similar courses by paying registration fees, TA/DA, and paid leave is permissible.
- Financial incentives such as payment of the registration fee for publications in journals and conferences and payment of travel and subsistence allowances for technical papers presented at various international and national conferences are available.
- Modernization of laboratories including high-end research facilities
- Providing exposure to international expertise through the organization of invited lectures, work-shops, seminars, and conferences.
- In order to encourage faculty to pursue PhD degrees, the institute offers a tuition fee and documentation fees for PhD thesis, as well as infrastructure, computing, and library resources.
- Internet access, Wi-Fi, and other facilities are provided in addition to high-end computing facilities.
- As part of this initiative, the supporting staff is encouraged to upgrade their skills by being assigned to relevant authorized /recognized training centres in their respective trades/fields.

5. Problems Encountered and Resources Required Attempting to instil the habit of conducting research among a large number of faculty members, which will benefit both them and the colleges growth. If they complete the Pre-Ph.D. programme, they are given a reduced teaching load and weekly time off. Recruiting additional teachers to compensate for this causes a financial burden. Recently, more postgraduate courses have been introduced to enable teachers to teach advanced subjects, which will aid them in their research efforts. In the process of obtaining qualified and experienced teachers to fill the void. The interaction between industry and research institutes should be improved. The college has formed partnerships with a number of industries in order to improve the quality of research.

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

<https://qiscet.edu.in/qiscet/criterion7/7.2.1.pdf>

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

Promoting diversity in the Institutions is a big challenge. We have highlighted diversity

practiced and illustrate the ways to incorporate an understanding of diversity in the classroom and beyond. The Institution has admitted students from various states in India like Telengana. Much discussion about diversity focuses on the forms of marginalization: Race, Gender and physical orientation.

1. Diversity in the classroom having a diverse group of students simply means recognizing that all the people are unique in their own way. Their differences consist of their reading level, athletic ability, cultural background, personality, religious beliefs, and the list goes on. There has always been diversity in the classroom, but it is important to embrace it and make positive use of it. Teachers value the diversity and model this attitude to their students. Teachers recognize and respect the fact that students are different and these differences are generally good things. For example, when attempting to solve a problem, teacher assembles a diverse team with many skills and many different ways of approaching the problem than a team that has all their strength concentrated in one area. Teachers playing number of roles in the classroom yet, valuing diversity is one of the most important ones. Here is a list of environments created where each student feels valued and respected.

- Take the time to learn student's background, interest and learning style.
- Create an environment that is conducive to each individual student to learn about each other and gain an appreciation for the diversity they bring to the classroom.
- Teach students that everyone has strength and weakness.
- When working in teams, students are encouraged to take advantage of their strengths of the team members to produce the best possible results.
- Invite guest speaker from different places may share certain qualities with students.
- Implement a zero tolerance for anything that is disrespectful, hurtful, or intolerant of diversity

2. Learning Culture, Location and Ambiance The atmosphere in the classroom reflects the importance of the work undertaken by both students and faculty members. JNTUK and AICTE are recommending English as the medium instruction. This avoids the language problem. A classroom with a strong culture for learning is characterized by high cognitive energy. There are high expectations from all students and the classroom is a place where the teacher and students value learning and hard work. For the weak students, the institute arranges remedial classes to improve the performance. Mentors are allocated to the students to give counseling in their academic, personal problems and create fearless environment.

3. Ethical Values and Integrity College celebrate national days like Republic day, Independence Day, International Women's Day Engineers day, Teachers Day, etc. to inculcate the importance of moral values and significances. During every program, the national anthem is being played to feel the integrity and patriotism. JNTUK University has provided a course called Professional Ethics and Human Values to learn ethical practices and human values among students.

Provide the weblink of the institution

<https://qiscet.edu.in/qiscet/criterion7/7.3.1.pdf>

8.Future Plans of Actions for Next Academic Year

Future Plans of the Institute are primarily aiming to form a wide-spread Educational network seeking mass participation in education. This Includes quality education to socially and economically backward classes. The Institution aims to bring out Social Transformation through education and cultural development for the rural students, by providing standard facilities of hostel accommodation, Physical education and Skill, Product and Process based education. The Institution plan to Impart Technical and Professional education to increase employ-ability and economic development of the students by making use of modern and innovative teaching aids for effective teaching and learning process. We plan to establish Incubation cell under the government grant scheme to promote research activities in both teaching staff and students.