



Yearly Status Report - 2019-2020

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	deanqc@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	private
Name of the IQAC co-ordinator/Director	Dr. Bura Sreenivas
Phone no/Alternate Phone no.	08592281023
Mobile no.	7396440669
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%202018-19.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
FDP ON OUTCOME BASED EDUCATION	25-Feb-2019 3	100

No Files Uploaded !!!

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 with duration	Amount
No Data Entered/Not Applicable!!!				

No Files Uploaded !!!

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

Yes

website	
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)	
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	
ICT tools are used effectively in data and technology transfer	
Interactive session for faculty in designing course files is conducted	
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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	Achieved better and increased placements.

various workshops conducted by eminent personalities.	
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
ACM/GC	09-Jun-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

01-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)

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 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 MSAccess 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	01	Civil Engineering	10/12/2019
BTech	02	Electrical and Electronics Engineering	17/12/2019
BTech	03	Mechanical Engineering	21/12/2019
BTech	04	Electronics and Communication Engineering	21/12/2019
BTech	05	Computer Science and Engineering	21/12/2019
BTech	12	Information Technology	11/12/2019
MBA	1E	Master of Business Administration	06/05/2019
MCA	F0	Master of Computer Applications	23/03/2019
Mtech	22	Civil Engineering-Transportation Engineering	10/12/2019

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	Civil Engineering	23/03/2019	18A020011 Managerial Economics Financial Analysis	19/08/2019
BTech	Civil Engineering	23/03/2019	18C010011 Programming in C for Problem Solving	19/08/2019
BTech	Civil Engineering	23/03/2019	18H020011 Engineering Mathematics- I	19/08/2019
BTech	Civil Engineering	23/03/2019	18H040021 Applied Chemistry	19/08/2019
BTech	Civil Engineering	23/03/2019	18M030011 Engineering Graphics	19/08/2019
BTech	Civil Engineering	23/03/2019	18C013021 Programming in C for Problem Solving Lab	19/08/2019
BTech	Civil	23/03/2019	18H043011 Engineering Chemistry Lab	19/08/2019

	Engineering			
BTech	Civil Engineering	23/03/2019	18M023011 Engineering Workshop	19/08/2019
BTech	Civil Engineering	21/12/2019	18G010011 Basic Electrical Engineering	08/01/2020
BTech	Civil Engineering	21/12/2019	18H010011 English for Engineers & Technologists	08/01/2020

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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
BTech	Electrical and Electronics Engineering	16/05/2018
Mtech	Electrical and Electronics Engineering-Power electronics and Power Systems	16/05/2018
BTech	Mechanical Engineering	09/07/2018
Mtech	Mechanical Engineering - MACHINE DESIGN	09/07/2018
Mtech	Mechanical Engineering - THERMAL ENGINEERING	09/07/2018
BTech	Electronics and Communication Engineering	09/07/2018
BTech	Computer Science and Engineering	09/07/2018
Mtech	Computer Science and Engineering-Computer Science	09/07/2018

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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	19/08/2019

BTech	Electrical and Electronics Engineering	19/08/2019
BTech	Mechanical Engineering	23/03/2019
BTech	Electronics and Communication Engineering	19/08/2019
BTech	Computer Science and Engineering	19/08/2019
BTech	Information Technology	19/08/2019
Mtech	Transportation Engineering	20/10/2019
Mtech	Power Systems	19/08/2019
Mtech	Power Electronics and Power Systems	19/08/2019
Mtech	Power Systems Control and Automation	19/08/2019
Mtech	Mechanical Engineering - THERMAL ENGINEERING	23/03/2019
Mtech	Mechanical Engineering - MECHINE DESIGN	23/03/2019
Mtech	DECS	19/08/2019
Mtech	DECS	19/08/2019
Mtech	VLSI&ES	19/08/2019
Mtech	Computer Science and Engineering	19/08/2019
Mtech	Computer Science	19/08/2019
MBA	Master of Business Administration	05/09/2019
MCA	Master of Computer Applications	05/09/2019

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
Smart Cities	23/09/2019	55
Irrigation Engineering	03/02/2020	59
Renewable Energy sources	25/11/2019	164
Advanced Power Electronic Converters For Electric Vehicle	09/03/2020	179

Research Methodology	23/08/2019	250
Computational Methods	27/11/2019	234
Data Structures	11/09/2019	200
Computer Vision and Machine Learning	10/02/2020	112
Basics of Excel	09/09/2019	290
Creative Problem Solving and Critical Thinking	16/03/2020	280

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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	135
BTech	Electrical and Electronics Engineering	10
BTech	Mechanical Engineering	230
BTech	Electronics and Communication Engineering	262
BTech	Computer Science and Engineering	574
BTech	Information Technology	46
Mtech	Electronics and Communication Engineering-VLSI & Embedded Systems	3
Mtech	Computer Science and Engineering-Computer Science and Engineering	20
Mtech	Computer Science and Engineering-Computer Science	6

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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

Feedback forms or formats are well designed for the different stakeholders to improve the performance of the institution in terms of academics and administrative areas. This includes student exit feedback, Teacher feedback, Alumni feedback, Employer feedback and Parent feedback, Course end survey, Program end survey and etc., for the respective programmes or courses are taken one's or twice in a semester on various Teaching Learning Pedagogies, Infrastructural needs etc., aspects. It is analyzed by the Head of the departments and corrective measures if any are informed to the respective faculties for further improvements through Head of the Institutions or Management. Also Course end feedbacks and Program end feedbacks are taken to analyze the understanding capability of the students. Final year students gives the student exit feedbacks on infrastructure facilities, ICT tools etc., at the end of the program for improving the lab facilities, if any. The feedback so obtained is analyzed for further improvements. At the time of Parent-Teacher meetings, parent feedbacks are taken by interacting with them and further the improvements are implemented. Curriculum feedbacks are taken from the stake holders like Students, Teachers, Parents, Alumni and Employer etc., for suggestions and improvements in line with the industrial and societal needs and it is conveyed to the BoS chairman of the respective departments in the institution. Feedbacks are also collected from the different companies to fill the gaps between the institution and organizations. This feedback is discussed in meeting of training and placement cell to enhance the placements in the organization. Academic audits are conducted internally and externally in each department and corrective measures are taken to improve the quality in terms of academics, research, teaching learning methods etc., in the departments. AQAR reports are key tool which triggers in continuous improvement in the quality of education. Based on the faculty feedback from the students the low potential faculty are counselled for the lacunae. From the above feedbacks and suggestions received we take corrective actions to complete the loop. From first year onwards we established the student mentoring system to advise the students regarding choice of electives, project, summer training, career development, professional guidance and also verified the academic irregularities, negative behavioral changes and interpersonal relations, detrimental activities, etc.,.

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	Power Systems Control And Automation Engineering	18	16	16
Mtech	Thermal Engineering	18	4	4
Mtech	Transportation Engineering	18	16	16
BTech	Computer Science & Engineering 2Nd Shift	60	64	64
BTech	Information Technology	60	64	64
BTech	Computer Science And Engineering	240	257	257
BTech	Electronics & Communication Engg	240	257	257
BTech	Mechanical Engineering	240	183	183
BTech	Electrical And Electronics Engineering	180	168	168
BTech	Civil Engineering	60	65	65

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2.2 - Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	4546	1405	340	63	403

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	Numberof smart classrooms	E-resources and techniques used

408

408

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)

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

Structural characteristics • Students in each section are divided into three groups. • Each group is mentored by a faculty member (counselor). • HOD is the chair for the counselors. • The counselors counsel the students separately in various Classrooms and maintain the student data with them. Functional Characteristics • The counselors 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. • 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, counselor, 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. • If any student is absent for mid examination, counselor 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 counselor, class teacher and HOD. • The principal counsels the student and their parent if there is any special need. • Slow and potential learners are identified by concerned subject teachers and informed to the respective counselors. • Special classes are conducted for slow learners. Slow learners are supervised by senior teachers. • Potential learners are encouraged to participate various competitive programmes and research activities. • Apart from class room interactions, the following provisions are available for academic mentoring. • 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. • 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, home work, Question Answer instructions, teaching calendar, exam schedule and teacher contact information which is uploaded by faculty members. • Group mail ids are created by faculty members and students to facilitate online mentoring. • Slow learners are identified after the completion of I Mid Examinations. Special classes are conducted for these students to advance in academics. • Backlog reduction programmes are conducted for the students those who are having backlogs. • Academically high potential students are identified after conducting exam after completion of I unit of their course work. Potential learners are encouraged to participate various competitive programmes and research activities.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5951	403	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
403	403	Nil	98	96

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
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No Data Entered/Not Applicable !!!

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2.5 - Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
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No Data Entered/Not Applicable !!!

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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
6	4723	0

2.6 - Student Performance and Learning Outcomes

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

https://qiscet.edu.in/qiscet/DEPARTMENTS_cse.php

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
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2	BTech	EEE	221	208	94.12
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2.7 - Student Satisfaction Survey

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

https://qiscet.edu.in/qiscet/criterion2/2.7.1_2020_21_sss.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.V.Srinivasareddy	12200	2019	365

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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
National	Ch. Hima Bindu	International Travel Grant	01/02/2019	AICTE
National	K. Vasudevan	Fellow	14/02/2020	The Institute of Engineers
National	T. Sreenivasa Murthy	Life Member	15/04/2019	ISTE
National	R.Suneetha Rani	Life Member	21/09/2020	IAENG
National	Mr. N. Suresh	Life Member	13/04/2019	IAENG
National	MLSNS Lakshmi	Member	10/02/2020	ISTE
National	MLSNS Lakshmi	Member	08/06/2020	IEEE
National	Ch. Hima Bindu	Associate Fellow	13/08/2019	Andhra Pradesh Academy of Science

National	Dr Vasu Babu Ala	Associate Fellow	13/08/2019	Andhra Pradesh Academy of Science
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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
Major Projects	730	All India Council for Technical Education	13.86	11.09
Major Projects	1095	Department of Science and Technology (SEED / SCSP)	30.82	22.25
Any Other (Specify)	10	National Institute for Micro, Small and Medium Enterprises (ni-msme)	0.25	0.25
Any Other (Specify)	6	All India Council for Technical Education	3.07	3.07
Any Other (Specify)	6	All India Council for Technical Education	1.95	1.95
Any Other (Specify)	6	All India Council for Technical Education	2.76	2.76
Any Other (Specify)	2	All India Council for Technical Education (MoE)	0.12	0.12
Any Other (Specify)	2	Department of Science and Technology-NIMAT	0.4	0.4

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

10

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
How to become an entrepreneur	ED Cell	07/11/2019
E-marketing	ED Cell	07/12/2019
Product Management and Tools for Modern Product Management	Product Development Cell	28/01/2019
Design of Loosely Coupled and Tightly Coupled Transformers	Product Development Cell	25/06/2019
Patent registrations	IPR Cell	14/09/2019
How to fill patent applications	IPR Cell	09/12/2019
Prior art search in patent applications in India	IPR Cell	21/03/2020
Business Communication Skills	ED Cell	20/04/2019
Workshop on Business and Wealth Management	ED Cell	13/05/2019
Start-up Ideas	ED Cell	06/04/2019

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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
Research Excellence Award	Dr A Prakash	Institute of Scholars	10/11/2021	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
No Data Entered/Not Applicable !!!					

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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

Electronics and Communication Engineering	4
Electrical and Electronics Engineering	1
Information Technology	3
Mechanical Engineering	2

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)
International	Basic Sciences and Humanities	1	6.4
International	Computer Science and Engineering	21	6.27
International	Electrical and Electronics Engineering	8	3.22
International	Electronics and Communication Engineering	16	3.8
International	Mechanical Engineering	13	3.07

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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
No Data Entered/Not Applicable !!!	

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3.4.4 - Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
SMART BUSTER	Published	202041002070	07/02/2020
RMAN-RECONFIGURABLE MANETS FOR THE COGNITIVE AND DISASTER MANAGEMENT	Published	201941033441	28/08/2019
MAD-IOT: DISTANCE AWARE IOT ENABLED MANETS FOR AGRICULTURAL APPLICATION	Published	201941032288	06/09/2019
SMART PARKING SYSTEM FOR SMART CITY BY INTEGRATING IOT CLOUD	Published	201941026189	26/07/2019

DESIGN AND DEVELOPMENT OF SMART WAER BOTTLE	Published	201941050675	20/12/2019
ACTIVE POWER FILTERS TO IMPROVE POWER QUALITY USING PI AND FUZZY CONTROLLERS	Published	201941032289	06/09/2019
UNMANNED FIRE SUPPRESSION SYSTEM FOR INDIAN RAILWAYS	Published	201941023478	26/07/2019
SYSTEM OF HEAT SINK MOTOR CONTROL FOR CONSUMER ELECTRONIC DEVICES	Published	201941029525	09/08/2019
MEASUREMENT OF FUEL LEVEL IN TANK USING IR SENSORS AND REPORTING USING IOT	Published	202041012980	05/06/2020
AEROPLANE, AIR CRAFT ACCIDENTS PREDICTIVE ANALYTICS USING MACHINE LEARNING, DEEP LEARNING AND OTHER PROGRAMMING	Published	202041001797	17/01/2020

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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
The performance evaluation and emission study of compression ignition engine operating with blends of animal fat and palm oil based biodiesels	Khadharbasha, S., Satishkumar, Kamitkar, N.D.	International Journal of Mechanical and Production Engineering Research and Development	2019	0.74	QIS College of Engineering and Technology	2
Effects of post-metallisation annealing on surface-interfacial and electrical properties of HfO ₂ /Ge stacks modified in situ with SiO ₂ interfacial layer	Malleem, K., Ju, M., Narayana, A., (...), Cho, E.-C., Yi, J.	Materials Research Express	2019	1.618	QIS College of Engineering and Technology	Nil
Effect of residual stresses	Vempati, S.,	Journal of	2019	0.98	QIS College	2

on the TI-6AL-4V cruciform shape welded joints by xrd technique and influence of hardness - An experiment approach	Venkata Subbaiah, K., Brahma Raju, K.	Engineering Science and Technology			of Engineering and Technology	
Simulation of Ti-6Al-4V cruciform welded joints subjected to fatigue load using XFEM	Vempati, S.R., Brahma Raju, K., Venkata Subbaiah, K.	Journal of Mechanical Engineering and Sciences	2019	1.495	QIS College of Engineering and Technology	5
Providing enhanced security in IoT based smart weather system	NarasimhaRao, Y., Surya Chandra, P., Revathi, V., Suresh Kumar, N.	Indonesian Journal of Electrical Engineering and Computer Science	2019	0.24	QIS College of Engineering and Technology	7
Measurement of Fuel Level in Tank Using IR Sensors and Reporting Over IoT	Lakshmi, M.L.S.N.S., Reddy, C.	Lecture Notes in Electrical Engineering	2020	0	QIS College of Engineering and Technology	Null
Global Optimization Algorithm to Solve Economic Load Dispatch Problem Considering Equality and Inequality Constraints	Arumugam, P., Rajendran, A.	Lecture Notes in Electrical Engineering	2020	0	QIS College of Engineering and Technology	Null
Configuring MPLS Cloud Providers with Virtual Private Network	Lakshmi, M.L.S.N.S., Bandaru, N.V.S.S.	Lecture Notes in Electrical Engineering	2020	0	QIS College of Engineering and Technology	1
Introduction to the special issue on role of scalable computing and data analytics	Swaminathan, J.N., Ram, G., Lanka, S.	Scalable Computing	2020	1.46	QIS College of Engineering	Null

in evolution of internet of things					and Technology	
High-Security Image Watermarking with Multilevel Embedding Using Various Image Transform Techniques	Bindu, C.H.	Smart Innovation, Systems and Technologies	2020	5	QIS College of Engineering and Technology	Nill

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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
Power quality improvement in solar fed cascaded multilevel inverter with output voltage regulation techniques	Stonier, A.A., Murugesan, S., Samikannu, R., (...), Kumar, S.S., Arumugam, P.	IEEE Access	2020	127	3	QIS College of Engineering and Technology
IOT weather data analysis methds in bigdata	Sujathal, G., Basha, S.M., Srinu, N.	Journal of Critical Reviews	2020	2	Nill	QIS College of Engineering and Technology
A novel duplicate key search of big data analysis using normalization techniques	Rao, Y.N., Naveena, Y.	Journal of Critical Reviews	2020	2	Nill	QIS College of Engineering and Technology
Pollution monitering system using iot application	Anusha, P., Sirisha, B.	Journal of Critical Reviews	2020	1	Nill	QIS College of Engineering

						and Technology
High-Security Image Watermarking with Multilevel Embedding Using Various Image Transform Techniques	Bindu, C.H.	Smart Innovation, Systems and Technologies	2020	22	Nil	QIS College of Engineering and Technology
Introduction to the special issue on role of scalable computing and data analytics in evolution of internet of things	Swaminathan, J.N., Ram, G., Lanka, S.	Scalable Computing	2020	18	Nil	QIS College of Engineering and Technology
Wireless-Sensor-Network with Mobile Sink Using Energy Efficient Clustering	Venkateswara Rao, K., Vara Prasad, G.L.	Lecture Notes on Data Engineering and Communications Technologies	2020	23	Nil	QIS College of Engineering and Technology
Microcontroller Based Security Protection and Location Identification of Bike Riders	Chandra, S.S., Pavan, J.S., Prasanthi, B.	Lecture Notes on Data Engineering and Communications Technologies	2020	23	Nil	QIS College of Engineering and Technology
Configuring MPLS Cloud Providers with Virtual Private Network	Lakshmi, M.L.S.N.S., Bandaru, N.V.S.S.	Lecture Notes in Electrical Engineering	2020	33	1	QIS College of Engineering and Technology
Global Optimization Algorithm to Solve Economic Load Dispatch Problem Considering Equality and Inequality Constraints	Arumugam, P., Rajendran, A.	Lecture Notes in Electrical Engineering	2020	33	Nil	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	4	661	Nil	Nil
Presented papers	20	78	Nil	Nil
Resource persons	1	33	Nil	Nil

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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	Projects Training	Pooja Computers	70000
Computer Science Engineering	Data Base Design	Chandamama Childers Hospital	96000
Computer Science Engineering	Software Development	Time Software Solutions	118000
Information Technology	Bill Payment System	Koutilya Industries	45000
Information Technology	Aadhar Based municipal bill payment system	Blue Chip Technologies	55000
Electronics and Communications Engineering	Designing of protocols in MANET using network simulation tools	Corel Technologies Pvt Ltd	325250
Electronics and Communications Engineering	Training and product designing	Synxa IT(P) Ltd	453500
Electrical and Electronics Engineering	Energy Auditing, Electrification Maintenance of Equipment	Swathi Concrete Bricks UNIT I	138000
Electrical and	Maintenance of Transformers.	Shiridi Sai	121000

Electronics Engineering	Transformer winding design	Electricals	
Electrical and Electronics Engineering	Energy Auditing, Electrification Maintenance of Equipment	Swathi Concrete Bricks UNIT II	118000

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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
No Data Entered/Not Applicable !!!				

No file uploaded.

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/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Plantation	NSS JNTUK	6	32
STEM CELL AWARENESS	DATHRI -NSS JNTUK	10	300
Clean and Green	NSS JNTUK	5	110
Clay vinayaka idol distribution	NSS JNTUK	1	41
Blood Donation camp	NSS JNTUK-RIMS - Ongole	3	90
Yoga Awareness Programme	NSS JNTUK	5	409
Student won third prize in Awareness programme on Hepatits	NSS JNTUK	1	1
Urban farming	NSS JNTUK	6	200
Dr.APJ Abdulkalam 4th death ceremony	NSS JNTUK	6	85

Traffic awareness	NSS JNTUK-Police - Ongole	10	326
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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
DATRI Blood Stem Cell Donors Registry	Certificate of Appreciation	Ministry of Health and Family Welfare	25
World red cross day celebrated	Certificate of Merit(1st Elocution,District level)	Indian red cross society	1
National Youth day celebrations	Certificate of Merit (2nd Debate ,State Level)	Department of Youth Services,STEP	1
Women Empowerment Program	Certificate of Merit (1st Elocution,District Level)	Department of Youth Services,STEP	1
World Aids Day 2K Rally	Certificate of Participation	Department of Youth Services,STEP	50
Certificate of Appreciation	Department of Youth Services,STEP	GOT 1ST PLACE IN ESSAY WRITING	1
WORLD HEART DAY WALKATHON	Certificate of Appreciation	RAMESH SANGAMITRA	2
BLOOD DONATION CAMP	Certificate of Appreciation	BLOOD BANK ,RIMS HOSPITAL ,ONGOLE	10

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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 activities	Number of students participated in such activities

Student won third prize in Awarness programme on Hepatits	NSS JNTUK	Student won third prize in Awarness programme on Hepatits	1	1
Yoga awarness progrmme	NSS JNTUK	Yoga awarness progrmme	5	409
Blood Donation camp	RIMS -Ongole	Blood Donation camp	3	90
Clay vinayaka idol distribution	NSS JNTUK	Clay vinayaka idol distribution	1	41
Awarness on Plastic free earth	NSS JNTUK	Awarness on Plastic free earth	5	120
Clean and Green	NSS JNTUK	Clean and Green	5	110
Environmental awarness rally	NSS JNTUK	Environmental awarness rally	5	459
Traffic awareness	Police -Ongole	Traffic awareness	10	326
Dr.APJ Abdulkalam 4th death cermony	NSS JNTUK	Dr.APJ Abdulkalam 4th death cermony	6	85
urban farming	NSS JNTUK	urban farming	6	200

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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
Research	V. Jaikumar	Institution	180
Research	Dr. A. Vasubabu	Institution	180

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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	NZN Technologies	28/11/2019	13/01/2020	CHENNURI PRITHI
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	PILLI VIVEK
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	DUGGINENI SUBHASHINI
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	BHAVANAM NANDINI
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	TULLURI SRAVANTH KUMAR
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	BOYAPATI SAI KALYAN
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	BOTLA ANIL
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	CHEEDELLA SAISUREKHA
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	P Venkateswara Reedy
Internship	Internship	NZN Technologies	28/11/2019	13/01/2020	P Durga Prasad

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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
GCGEMS - GC German Center for Engineering and Management Studies UG Aachen and European Center for Mechatronics APS GmbH Aachen (APS and GEMS collectively referred as European Center for Mechatronics and Manufacturing)	15/02/2019	institute industry collaboration activities	15

Chief Ministers Skill Excellence , APSSDC

24/07/2019

institute
industry
collaboration
activities

1200

[View File](#)**CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES****4.1 - Physical Facilities**

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
620	612.22

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

[View File](#)**4.2 - Library as a Learning Resource**

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

Name of the ILMS software	Nature of automation (fully or 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	32740	9247571	2939	1679379	35679	10926950
Reference Books	8354	2452429	256	196046	8610	2648475
e-Books	1102	133570	1102	13570	2204	147140
Journals	2139	4680501	434	1154194	2573	5834695
e-Journals	24592	6360322	483	1465595	25075	7825917
Digital Database	Nil	133570	Nil	13570	Nil	147140
CD & Video	3926	Nil	45	Nil	3971	Nil
Library Automation	Nil	130000	Nil	15000	Nil	145000
Weeding (hard & soft)	38	16474	5	1994	43	18468
Others (specify)	Nil	6201702	Nil	825435	Nil	7027137

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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
Dr. Y. Narasimha Rao	Data Structures Algorithms	Institutional LMS	14/08/2019
Dr. K.V.S.R.P. Varma	Discrete Mathematical Structures	Institutional LMS	17/08/2019
Dr. J. Vanitha Vani	Formal languages Automata theory	Institutional LMS	12/08/2019
K. Madhavi	Digital Signal Processing	Institutional LMS	04/01/2020
K. Priyanka	Data Structures Algorithms Lab	Institutional LMS	04/01/2020
Dr. Prakasam K.	Electrical Machines III	Institutional LMS	24/04/2019
G. Srinivasa Rao	Power Electronics	Institutional LMS	24/04/2019

A.V.S.Lakshman Kumar	Unified Modeling Language Design Patterns	Institutional LMS	24/04/2019
N.Suresh	Business Data Analytics	Institutional LMS	03/01/2020
B. Ashok	Electrical Measurements	Institutional LMS	08/11/2019

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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	900	820	900	12	15	21	32	140	0
Added	240	216	240	5	5	6	5	100	0
Total	1140	1036	1140	17	20	27	37	240	0

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

240 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
1500	1459.2	985	972.8

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

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	2765	26503600
Financial Support from Other Sources			
a) National	RTF, Govt. of Andhra Pradesh	3257	170194425
b) International	0	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 implementation	Number of students enrolled	Agencies involved
Soft Skills- Campus Recruitment Training Program	18/01/2021	939	Faculty of English, Dept of SH, QISCET.
Guest Lecture on Communication Skills to get a Good Job.	24/09/2019	867	R O L Sharma, Trainer at Eenadu Journalism School, Hyderabad.
Program on Yoga and meditation.	10/11/2019	147	Mr. V. Ramanjaneyulu (PG Diploma in Yoga)
Program on Physical Fitness	14/12/2020	27	B Vinod Kumar
Awareness Program on Trending technologies on IOT	04/02/2020	279	Talentio Solutions India Pvt Ltd.
Awareness program on ARC 1.0	26/11/2019	11	Mr R Srinivasulu

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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

2019	CRT	1089	1089	285	32
2019	CRT	1089	1089	285	53
2019	CRT	616	616	203	135
2019	CTS Company specific	288	288	145	44
2019	TCS company specific	258	258	89	41
2019	Infosys company specific	247	247	32	15
2019	Hcl company specific	289	289	152	84
2019	Problem Solving and Programming (C or Java)	403	403	285	38
2019	Advanced problem solving skills	403	403	285	38
2019	Advanced problem solving through DS	403	403	285	38

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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	4

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
No Data Entered/Not Applicable !!!					

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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	Nil	Nil	Nil	Nil	Nil

No file uploaded.

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
No Data Entered/Not Applicable !!!	

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

Activity	Level	Number of Participants
Bapatla engineering college Bectagon 2019	National	8
BUCHEPALLI TECH Dhaarana 2019	National	9
Mittapalli miracle 2019	National	6
Prakasam District Throwball tournament for women	District	20
JNTU Kakinada Basketball (Men) selection trails	University	3
A.P state level open Basketball tournament for men	State	11
QISFEST-2K20	National	79

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5.3 - Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
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2019	Winners	National	21	49	17495A0354	P.VENKATESWARA RAO
2019	Winners	National	21	49	16491A0497	I.JITENDRA KUMAR
2019	Runners	National	21	49	17495A0354	P.VENKATESWARA Rao
2019	Runners	National	21	49	16491A0219	R.JAHNSI RANI
2019	Runners	National	21	49	17495A0368	SK.KHAJA PEERA
2019	Runners	National	21	49	17491A0344	S.SURENDRA
Nill	Winners	National	21	49	16491A0541	CH.CHANDRA SEK HAR
Nill	Winners	National	21	49	19491A0258	M.SUDARSHAN REDDY
Nill	Runners	National	21	49	18491A1252	I.SURYA NARAYANA REDDY
Nill	Winners	Nill	21	49	17491A0492	CH.SAGAR

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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 QIS CET, 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

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

5.4.2 - No. of registered Alumni:

1097

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

0

5.4.4 - Meetings/activities organized by Alumni Association :

15

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

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 : 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. 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 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

	<p>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>
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). •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. •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.</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</p>

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.

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

E-governance area	Details
Planning and Development	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.
Administration	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.
Finance and Accounts	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.
Student Admission and Support	The E-CAP software facilitate the complete student services interms of profiling, performance, attendance,grievance...etc.
Examination	Allthe examination services are facilitated by a special software QIS EXAM PORTAL. The E-CAP Also provides the students data for result processing.

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
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2019	P.Lakshmi Tejaswi	Online workshop on "Recurrent Convolution Neural Network-An Approach to Deep Learning", KHIT, Guntur.	Nil	1200
2019	P.Geethika	Online workshop on "Recurrent Convolution Neural Network-An Approach to Deep Learning", KHIT, Guntur.	Nil	1200
2019	K.Sreenath	Four days Research Oriented FDP on "Advanced Computing Techniques". LBREC.	Nil	1500
2019	G.V.S.Kiran Kumar	Four days Research Oriented FDP on "Advanced Computing Techniques". LBREC.	Nil	1500
2019	B.Nijammudin	Four days Research Oriented FDP on "Advanced Computing Techniques". LBREC.	Nil	1500
2019	Nannuri Suresh	Four days Research Oriented FDP on "Advanced Computing Techniques". LBREC.	Nil	1500
2019	N.Suresh	Four days Research Oriented FDP on "Advanced Computing Techniques". LBREC.	Nil	1500
2019	T. Ashok Kumar	Pile foundation design/A1 GLOBAL ENGG COLLEGE	Nil	4225
2019	A. Anuha	Artificial intelligence in civil engineering /KITS Engg.College	Nil	4220
2019	N. Anusha	Artificial intelligence in civil engineering /KITS Engg.College	Nil	4220

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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 for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	A Program on Staad pro and	Nil	16/10/2019	16/10/2019	12	Nil

Revit Structures						
2019	Workshop on Adopting Research from How People Learn to Engineering Class	Nil	02/12/2019	07/12/2019	30	Nil
2020	Professional Development on Patents Writing	Nil	01/01/2020	12/01/2020	30	Nil
2020	FDP on Importance of pedagogy methods for Innovation in teaching	Nil	03/02/2020	06/02/2020	16	Nil
2020	Professional Development Training On Design And Code Generation Using MAT lab	Nil	24/06/2020	29/06/2020	3	Nil
2020	Ten Days Professional Development Training Programme on 3D Simulation	Nil	03/10/2020	14/10/2020	5	Nil
2020	Operation and Maintenance of NI - Centre of Excellence	Nil	02/12/2020	04/12/2020	6	Nil
2020	Introduction to Virtual Labs	Nil	04/06/2020	04/06/2020	6	Nil
2019	Faculty Development Programme on Energy Engineering	Nil	25/11/2019	29/11/2019	6	Nil
2020	Virtual Labs - Electrical Machines	Nil	25/05/2020	30/05/2020	6	Nil

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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
GIS APPLICATION	8	02/10/2019	05/10/2019	4
REVIT ARCHITECTURE	13	18/05/2020	23/05/2020	6

Online FDP on "MachineLearning With R Programming	7	11/05/2020	16/05/2020	6
MAT Lab Tools and their Applications in Engineering	8	25/05/2020	07/06/2020	14
One week Faculty Development Program Artificial intelligence in every sector: Opportunities and challenges	26	06/07/2020	11/07/2020	6
One week FDP on" RESEARCH CHALLENGES AND OPPORTUNITIES POST COVID-19(RECOP 2020) "	1	04/05/2020	09/05/2020	6
FDP on "Digital Image Processing using MATLAB "	1	24/04/2020	27/04/2020	4
Webinar on "Knowledge sharing session on Recent trends and it's application in electronics"	1	03/05/2020	07/05/2020	5
FDP online training on"LaTeX"	1	27/04/2020	02/05/2020	6
FDP on Digital Image Processing using MATLAB	1	24/04/2020	27/04/2020	4

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
405	97	236	16

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
12	277	105

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
Race academy	8000	Qis fest 2k19

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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 Workshop on Virtual Labs 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 professional 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
2019	Workshop on using of ICT.	15/06/2019	15/06/2019	15/06/2019	156
2019	Guest Lecture on Preparation of Lab Manual	17/06/2019	17/06/2019	17/06/2019	186

2019	Awareness Program on Patent Filing	08/11/2019	08/11/2019	08/11/2019	48
2019	Workshop on Github	25/09/2019	25/09/2019	25/09/2019	56
2019	Webinar on Research paper writing	21/11/2019	21/11/2019	21/11/2019	206
2019	Expert talk on Successful Career development	13/12/2019	13/12/2019	13/12/2019	94
2019	Workshop on Govt. Welfare Schemes	01/04/2020	01/04/2020	01/04/2020	78
2019	Awareness Program on Disha App-A Women Safety App	14/02/2020	14/02/2020	14/02/2020	52
2019	Workshop on Outcome Based Education	24/03/2020	24/03/2020	24/03/2020	65
2019	Workshop on understanding Co, Po Attainment	13/04/2020	13/04/2020	13/04/2020	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 on 'Financial Planning and Government schemes among Women Faculty'	28/02/2020	28/02/2020	85	25
Awareness Programme on 'Women Security And Privacy'	15/02/2020	15/02/2020	50	30
Motivational program on 'career growth' for Girl Students	23/01/2020	23/01/2020	60	30
Practical Session on 'Girls Empowerment Activities'	05/12/2019	05/12/2019	90	50
Celebrations on International Womens Day in collabaration with NSS unit	08/03/2020	08/03/2020	90	30
seminar On 'Gender Sensitization' in QISCET	29/10/2019	29/10/2019	100	75

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	Null
Provision for lift	Yes	Null
Ramp/Rails	Yes	Null
Rest Rooms	Yes	Null
Any other similar facility	Yes	Null
Braille Software/facilities	Yes	Null
Special skill development for differently abled students	Yes	Null

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
2019	1	1	21/08/2019	12	Conducted Blood Donatation camp with RIMS Ongole	Identified Blood needed People To Donate the Blood for needy people	93
2019	2	2	31/08/2019	24	Distribution of Clay vinayaka	Ongole on the eve of Vinayakachavati to	80

					idols in around of Ongole	promote the usage of natural material (clay) to make Vinayaka idols instead of using Plaster of Paris and artificial colours	
2019	1	1	14/09/2019	12	Awarness on Plastic free earth in vengamukkapalem	Identified problems with plastic usage and explained to the People.	125
2019	1	1	28/09/2019	12	Distributed Plants in the Village Vengamukkapalem	Adressed the Importance of Plants and Greenary.	35
2020	1	1	06/04/2020	30	Distributed food to the poor During Covid Lock Down in around the Ongole	Identified Poor People During Lock Down period due Covid-19 and distributed food and needy things	25
2020	1	1	06/05/2020	12	Distribution of covid care kits (sanitizers, masks, gloves) During Covid Lock Down in around the Ongole.	Identified Poor People During Lock Down Period and distributed covid care kits (sanitizers, masks, gloves)	12
2020	1	1	21/05/2020	12	Distribution of vegetables During Covid Lock Down in around the Ongole.	Identified Poor People During Lock Down Period and distributed vegetables	12

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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>Code of Conduct for Students</p> <ol style="list-style-type: none"> 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. 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. 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. In every Lab session, Students shall get correction of their records from the teacher for the previous lab experiment. 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. Sports hour is provided to the students once in a week. Students can be trained in their interested game by the physical director. Students shall use Library and digital Library facilities during their library hours. Students shall be counseled by their mentors if they got less marks in the mid-term examinations. Ragging is strictly prohibited inside the campus and outside the campus. Students are instructed about this at the outset of induction classes. After the completion of first unit, student shall write the examination. According to their results, the sections will be allotted to them. Backlog reduction classes will be conducted for the students who have backlogs in previous semesters. Study hours will be conducted for slow learners and hostellers. During study hours they will be monitored by the teachers. Students can complaint their sanitary issues in Grievance and Redressal cell. 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. Campus recruitment training classes are provided to the students by the trainers from the first semester onwards. Campus drives will be conducted from final year first semester. All students shall be trained to get placed with high packages. No hostel student shall stay in hostel without permission during the college working hours. Using Mobiles is strictly prohibited inside the campus and hostlers are not supposed to bring mobile phones to the hostel. 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
Environmental awarness rally	19/07/2019	19/07/2019	150
Traffic awareness	22/07/2019	22/07/2019	326
Urban farming	27/07/2019	27/07/2019	200
Yoga Awareness Programme	13/08/2019	13/08/2019	409
Blood Donation camp	21/08/2019	21/08/2019	90
Clean and Green	24/09/2019	24/09/2019	110
Plantation	28/09/2019	28/09/2019	32
World heart day	29/09/2019	29/09/2020	187
One Student-One plant	29/10/2019	29/10/2019	58
Vigilance awarness week	02/11/2019	02/11/2019	80

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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 Practices Best Practice-1

1. Title of the Practice: Industry-Institute Relation towards Skill Development.
2. Goal:
 - To impart the Engineering skill expected from the industries
 - To bridge the gap between the industry and academia
 - To make the students job-ready by the end of the program
 - To Groom the students to become Entrepreneur
3. The Context: There is a need to create avenues for a close academia and industry interaction phases of technology development, starting from conceptualizing to practical oriented way. Students need to be skilled to work on innovative ideas. It should continue for longer period of time. The manpower of world class in the field of technology by inculcating various aspects in industry, thereby contributing to the economic and social development at large intensity.
 - To help design, develop and deliver training modules for students thus make them industry-ready.
 - To help the faculty to understand expectation of industry so that they can teach with respect to the needs of the industry
 - To facilitate internships/ in-plant training/ industrial project for students so that they get industry exposure during their campus days, which leads to greater employability
 - To groom them an Entrepreneur by inviting achievers of the industry success people.
4. The Practice: The various types of interactions between academic institute and industry are the time the requirements of industry from academic institution are addressed regularly in collaboration of industry and institution in skill development leads to innovations. The healthy environment in the country by which there will be an all-round development which has an explicit division for industrial linkage which houses placement headship of a director. The best practices of our Institute to enhance the interaction relation with the Institute are:
 - Industrial visits/tours
 - Industrial training/internship
 - Industrial project
 - Industrial consultancy
 - Product development through collaboration
 - Inviting industrialist as guest speaker/ expert
 - Arranging the hands-on training in the cutting edge technology
 - Entrepreneur development awareness program
 - Students are visiting the industries as a normal procedure and encouraged with training and internship during their semester breaks. Internships are arranging by the industries to the students to undergo training. Students are involving in industrial projects which help them to understand the Industrial requirements. By conducting seminars and encouraging the students/ faculty members to their project has novelty. Faculty members are encouraged to take the cooperation from the industries. Students are involved in the development which gives more exposure in the project. Guest lectures are organized by each department to fill the gap between curriculum and the technology expected from the industries. This will enable the students learn beyond the syllabus to make themselves industry-ready. Each department conducts certification course for the benefits of students. This will help the students to update cutting edge technology.
5. Evidence of success: On organizing the Industry Explorer program, students are exposed to industries which focus on the real time skill set. Performance is

improved by 20 in placements and the participation of students in attending internship industry understands the need that has come forward to offer Implant Training, Industrial Visits/Projects efforts. More online courses (industrial skill) registration by students and staff. Enhancement of problem solving skill to face the challenges associated with the real time applications Students are encouraged to participate in design contests. 6. Problems Encountered and Resources Required: Student's communication is a biggest threat due to their family background. Interface with leading industries is a mighty task. Getting Industrial training/ project in software industries is a difficult task. The institution is far away from the Industrial corridor. Best Practice-2 1. Title of the Practice: Development of students by emphasizing co-curricular and extra-curricular activities 2. Goal: • To engage students in the learning process by providing high-quality instruction and collaborative communication, as well as sharing individual skills, digital learning that are being provided in Student Development Program. • To enhance and motivate the overall skill and behavioral development of the students can be adhere to various clubs activity. 3. The Context: The Student Development Cell has been charged with the task of training youngsters by providing them with skills through various club activities and encouraging the digital learning with various platforms such as NPTEL, COURSERA, UDEMY etc. 4. The Practice: Development of a positive outlook, bridging the gap between the academia and the corporate world and find comfort and enjoyment outside of the classroom by participating in extracurricular activities. 5. Evidence of success: Development of a positive outlook, bridging the gap between the academia and the corporate world and find comfort and enjoyment outside of the classroom by participating in extracurricular activities 6. Problems Encountered and Resources Required: A large number of students have opted for this programme the expenses incurred for Certification Programs were taken care by the students which is burden for them, The Class coordinators motivate and encourages the students to co-curricular and extra-curricular activities. Dedicated professional staff needed to train students.

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

7.3.1 QIS College of Engineering and Technology have always sought to stand out by incorporating many components such as Interdisciplinary research and encouraging startups, Innovative teaching technique, and value-based education into our curriculum. Our management, administration and the

faculty not only concentrate on academic aspects of the students but also concentrate the aspect beyond the curriculum and all round development of the students. Multidisciplinary Research: QIS College of Engineering and Technology uses multi-disciplinarily as a means of introducing and training students. Students may learn through finding connections between thoughts and ideas from diverse fields of study via this form of research. Because they are able to apply what theyve learned from one subject to another, students who study this manner get a more comprehensive education. In order to get the most out of a multidisciplinary education, students should be given the freedom to design their own plan of study by combining classes from different semesters. During the first year, students are taught about the advantages of multi-disciplinary study via a carefully assisted introduction programme. The faculty of QIS College of Engineering and Technology work together to foster real multi disciplinarily fields. The College's multidisciplinary teaching and learning environment often employs professionals from a variety of fields. • Students acquire critical thinking abilities when they bridge academic boundaries and learn to analyze and contrast topics from other disciplines. • Students are encouraged to expand their horizons when they are given the opportunity to study a wide variety of subjects.

Strengthening Start-ups: QIS College has adopted the AICTEs policy of encouraging start-ups in its academic environment. During First Year Induction, students learn about this policy. Start-up The economic and social growth of a country is greatly influenced by the policies that are put into place by the government. These rules help entrepreneurs and start-ups in emerging countries overcome the various obstacles that stand in their way while seeking to market their businesses. Engineering schools, according to QIS College of Engineering and Technology, are critical to a nations start-up culture. There are also college students who have turned their company ideas into reality by setting up business on their own. Weve been there for them every step of the way, and both have benefited from it. In addition, these entrepreneurs have mentored and supported the QIS Start-Up community, as well as done honorary work for the campus companies. 1. Incorporation of technology in day teaching learning process is 2. Day by day due to increasing the needs of the customer , more concentration is required in this regard , increasing the 3. Our moto is to create a general (CRT) and technical platform (E-Box) to the students for getting more and more placements. Our students have given a good feedback and high ranking for the activities conducted by placement training and placement body TPC.

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 at scaling the intellectual environment of the institute. This includes aiming at inducting a better quality of students, faculty and intellectual

output. The Institution strongly believes that academic research can strongly contribute to corporate decision making and has a well-developed research plan for the upcoming year. The Institution plans to host a set of International conferences, Faculty Development Programs, Workshops in the upcoming year. The objective of these research based forums will be to serve as inter-disciplinary and multidisciplinary avenues for exchange of business ideas, best research practices and research outcomes, for the benefit of the corporate professionals, industry practitioners, academicians and researchers at large. Research workshops and special sessions are also being organized with the intention of familiarizing individuals with the latest developments pertaining to research methods, technological evolution and research paper writing, thereby aiming at increasing the intellectual output of the institution. We are applying to all possible funding and grant schemes from government and non-government organizations. We have submitted the proposals for MODROBS, DST, SERB and Short term training program for faculty to AICTE. We plan to establish Incubation cell under the government grant scheme.