



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	ST. JOHNS COLLEGE OF ENGINEERING AND TECHNOLOGY
Name of the head of the Institution	Dr J N Prakash
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08512228566
Mobile no.	9963623801
Registered Email	principal@sjcet.ac.in
Alternate Email	komerasudhakar403@gmail.com
Address	Yerrakota, Yemmiganur,
City/Town	Kurnool
State/UT	Andhra Pradesh
Pincode	518360

<b>2. Institutional Status</b>	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	R A S Sastry
Phone no/Alternate Phone no.	08512228566
Mobile no.	9440244283
Registered Email	principal@sjcet.ac.in
Alternate Email	kommerasudhkar403@gmail.com

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.sjcet.ac.in/AQAR/2018-2019.pdf">http://www.sjcet.ac.in/AQAR/2018-2019.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	No

**5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.22	2011	07-Dec-2011	06-Dec-2016

<b>6. Date of Establishment of IQAC</b>	08-Jun-2015
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**7. Internal Quality Assurance System**

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Inauguration of Indivillage training and innovation center	20-Jan-2020 365	500
Inauguration of APSSDC center	20-Jan-2020 365	350

No Files Uploaded !!!

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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 website

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

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)

1. Inauguration of APSSDC center 2. Inauguration of Indivillage training and innovation center 3. Effective implementation of online teaching due to COVID 19 pandemic situation.

No Files Uploaded !!!

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

Plan of Action	Achievements/Outcomes
Effective implementation of online teaching due to COVID 19 pandemic situation	Achieved
Inauguration of Indivillage training and innovation center	Achieved
Inauguration of APSSDC center	Achieved
No Files Uploaded !!!	

14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>Governing Body</td> <td>22-Nov-2021</td> </tr> </table>		Name of Statutory Body	Meeting Date	Governing Body	22-Nov-2021
Name of Statutory Body	Meeting Date				
Governing Body	22-Nov-2021				
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	03-Jan-2020				
17. Does the Institution have Management Information System ?	No				

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

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

St. Johns College of Engineering & Technology in Yemmiganur, Andhra Pradesh, was founded in 2001 as a coeducational institution. The Jawaharlal Nehru Technological University, Anantapur, is affiliated with the College of Engineering (JNTU Anantapur). It offers AICTE-approved courses leading to under graduate and post graduate degrees. The faculty of the Institute is highly qualified and experienced. All Departments have well-developed laboratory, computer, and library facilities. There is also a Central Library and a Central Computing Facility at the College. The teaching-learning process is given a lot of attention at the institute. Students get access to an institute's unlimited broadband internet service. Students and professors have access to foreign journals in addition to national periodicals. Practical training and internships are also emphasised in the teaching programme. The institute's ICT infrastructure and other e-learning tools are sufficient for academic purposes. The preparation of a teaching process The syllabus, which specifies the number of lectures, a list of suggested texts, and an evaluation scheme for internal and external marks, is prescribed by the university. The subject choice form filled out by faculty members is used by the HOD to distribute the teaching burden. The HOD distributes the workload according to faculty competency in order to ensure that the curriculum runs smoothly. Curriculum Implementation Expert lectures, presentations/seminars, mini projects, in-house and industry-supported projects, tutorials, group assignments, tutorials, case studies, industry visits, industrial training, internships, hands-in-sessions, e-learning, NPTEL lectures, MOODLE, knowledge wall, technical quiz, assignments, internal-tests, and other methods are used to ensure that the curriculum is implemented effectively. Contents outside of the curriculum are discovered and taught in both the classroom and the laboratory to expose students to current

industry trends. A method for identifying weak learners Students are tracked throughout their college careers, with special efforts made to help slow learners (students with specific impairments) catch up to the average/above average group. Students with a strong foundation and talents are guided to greater levels of performance and encouraged to pursue more difficult objectives. For the weaker students, remedial sessions, bridge lectures, and tutorials are provided. Encouragement to Active Learners Activities will be developed in order to promote advanced teaching and learning approaches in order to provide desire to learn, increased retention of knowledge through better understanding, expanding depth of knowledge, and building a good attitude toward the subject presented. Internal evaluation is done through mid-term and end-term examinations, assignments, remedial tests, and other means. External assessment refers to university examinations that are held according to the university's timetable. The institution also focuses on giving certificate courses to students in order to help them improve their overall growth. The mapping of CO-PO-PSO is done using both external (university examination) and internal evaluation methods.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
A certificate program on deep learning application	Nil	07/06/2019	30	Employability	Yes
A certificate program on integrated on renewable resources for solar and wind farms	Nil	08/06/2019	30	Employability	Yes
A certificate on CSI SAP 2000 structural analysis program for beginners	Nil	10/06/2019	30	Employability	Yes
A certificate program on application design of software solid works in industry	Nil	17/06/2019	30	Employability	Yes
A certificate program on	Nil	27/06/2019	30	Employability	Yes

deep  
learning  
application  
a trending  
embedded  
systems

A Certificate Program on Recent Innovations Futuristic Scope for Research in Internal Combustion Engine	Nil	16/09/2019	30	Employabil ity	Yes
A Certificate Program on in STAAD.Pro for RCC, Industrial Buildings	Nil	17/09/2019	30	Employabil ity	Yes
A certificate program on introduction to seismic re habilitation of building	Nil	02/12/2019	30	Employabil ity	Yes
A certificate program on hadoop and big data	Nil	02/12/2019	30	Employabil ity	Yes
A certificate program on recent trends in VLSI and embadded system design	Nil	02/12/2019	30	Employabil ity	Yes
A certificate program on electrical design and analysis	Nil	04/12/2019	30	Employabil ity	Yes
A certificate program on Aircraft	Nil	16/12/2019	30	Employabil ity	Yes

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
<b>No Data Entered/Not Applicable !!!</b>		

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

	Certificate	Diploma Course
Number of Students	506	Nil

## 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

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

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

## 1.4 – Feedback System

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

Students	Nill
Teachers	Nill
Employers	Nill
Alumni	Nill
Parents	Nill

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

Feedback Obtained
<p>The institution receives feedback on academic administrative concerns and analyses it for the institutions overall development. The stakeholders who provide feedback and inputs are as follows: a. Students b. Alumni c. Faculty d. Employer. Description of the goal of stakeholder feedback and how it will be used: a.Student Feedback: The institution collects student feedback on the quality of teaching-learning methods and curriculum by using the following</p>

methods: i. Students submit feedback on faculty and teaching-learning techniques using an online survey that is open to all students in various programmes. ii. At the end of each course, students complete a Course End Survey to provide comments on the course in question. iii. At the end of the programme, students are asked to complete a survey that provides feedback on the whole course of study. Student input on faculty is collected twice a semester to monitor the teaching process, and faculty who receive less than a certain amount of feedback are counselled for better performance. This feedback encourages professors to give high-quality instruction to their students. The Course End Survey gives the necessary input on the detailed execution of course content supplied to students during their academic career. The Student Exit Survey credits improved student learning outcomes and outcome attainment to careful adjustment of course contents and curriculum components. b. Alumni Feedback: Alumni provide feedback on the curriculum components, their relevance, and their readiness for the workplace. Alumni contribute feedback in the form of their own experiences and suggestions for improvements to the course content and curriculum available to them. Alumni input provides insight into parts or holes in the curriculum that need to be addressed in order to bridge them correctly. c. Faculty Feedback: Faculty members provide feedback on topics, concepts, and their significance to student development. Faculty members provide feedback on course content and appropriateness, which is then used to improve student learning outcomes from a teaching-learning perspective. d. Employer Feedback: After a placement, the employer provides feedback on the students performance in order to provide a notion of curricular relevance. Employers provide feedback on graduates performance in the workplace, as well as the necessary inputs to fill in the gaps in the curriculum, allowing students to be industry-ready.

## 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
<b>No Data Entered/Not Applicable !!!</b>				
No file uploaded.				

### 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	Nill	Nill	Nill	Nill	Nill

### 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
<b>No Data Entered/Not Applicable !!!</b>					



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

St. Johns College of Engineering Technology, Yemmiganur mentored each student within mutually agreeable limits. Mentors have an open door. Each mentor keeps track each student on their progress. Each class consist of 60 students on an average 20 students are allotted to a mentor. Like that every class has 3 mentors. Every week counselling hour is included in the time table itself. Every week, there is a meeting on counselling. These mentors extend their mentoring on education, stress management, personnel problems, ragging, anti-social elements, anti-sexual harassment, behaviour, discipline, class behaviour, organizational behaviour, class works, preparations on examinations, time management etc. Mentors will evaluate the students' knowledge levels and their ability in all kinds of performances. Mentors will motivate students to reach their expectations. Mentors will also provide feedback after every regular counselling. Mentors will encourage posing some general questions to understand and learn from the real situations. During mentoring or any problems from the student, mentors try their level best to solve the problems. Further complicated, it will be brought to the notice of the HOD of the department. Still complicated, the case will be brought to the notice of the principal. The responsibilities of Mentors are: ?To identify the students who require immediate help/attention/counseling. ?To address any behavioral issue of the student, at the initial stage itself. ?To help average and below average students to perform better in academics. ?To Provide guidance/suggestions for the slow learners. ?To Council the students having poor academic performance, as reported by the concerned class In-charges in presence of their parents/guardians. ?To coordinate with the parents regarding the progress of the students ?To ensure that every student comes to classes regularly ?To address the students' concerns - Handling stress, time management, communication skills, soft skills, career planning, placements, higher studies etc., if any. ?To provide psychosocial support at the time of need.

Number of students enrolled in the institution

Number of fulltime teachers

Mentor : Mentee Ratio

No Data Entered/Not Applicable !!!

## 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

No Data Entered/Not Applicable !!!

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

Year of Award

Name of full time teachers receiving awards from state level, national level, international level

Designation

Name of the award, fellowship, received from Government or recognized bodies

No Data Entered/Not Applicable !!!

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## 2.5 – Evaluation Process and Reforms

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

Programme Name

Programme Code

Semester/ year

Last date of the last semester-end/ year-end examination

Date of declaration of results of semester-end/ year- end examination

No Data Entered/Not Applicable !!!

No file uploaded.

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

The Institute is affiliated to JNTUA, the rules and regulations for evaluation process are laid down by the affiliating University. The schedules of mid examinations are communicated to students and faculty in the beginning of the semester through institute academic calendar. After the correction, the mid answer scripts are distributed to the students and the students can verify their marks. Finalized mid marks are displayed in the department notice boards. Any discrepancies notice by the students can be intimated to the HOD and necessary modification will be done in the mid marks sheets. The lab internal marks are allotted by considering the day to day performance of the student in each session, record work and the knowledge of the student on the experiment conducted on the lab session. The final lab internal marks are displayed in the department notice board before they are uploaded to the university portal. If any student needs clarification in the marks he can contact the concerned department HOD for any clarification. The project assessment is done through Two Internal reviews, and external review. The details of guide allotted to the batch and review schedules are displayed in the department notice boards. The panel of members for the reviews of each batch is also displayed in the notice board. The final year student's seminar presentations are assessed based on Topic selection, Presentation, Report Preparation. The seminar marks are displayed in the notice board of the concerned department.

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

The college strictly adheres to the Academic Calendar issued by the affiliating University JNTUA. At the beginning of each semester, university releases the academic calendar aligning to the same the institute prepares the calendar of events. It Includes details of holidays, commencement of the classes, schedules for mid examinations, Practicals, semester end Examinations and they also include commencement date of class work for next semester. Director of Academics convenes CAC meeting with principal and all heads of the departments and prepares an Academic Calendar in line with the university Academic calendar reflecting the activities or events planned by College and Departments. The institute strictly adheres to the academic calendar in conducting the internal examinations in Theory, Labs, Technical Seminars, Projects and comprehensive examination. Internal Examinations are scheduled and conducted strictly as per the academic calendar recommended by JNTUA Anantapuramu. Two Internal Theory Examinations and External Practical Examination are conducted in each semester as per the schedule given by the University. The schedule of CIE is announced to the students by each faculty on the first day of semester and is also displayed on the notice boards at the department and at the Exam section.

**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)

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

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
<b>No Data Entered/Not Applicable !!!</b>					
No file uploaded.					

## 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)

No Data Entered/Not Applicable !!!

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
No file uploaded.				

### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
No Data Entered/Not Applicable !!!		

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
No file uploaded.			

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

Department	Number of Publication
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No Data Entered/Not Applicable !!!

No file uploaded.

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
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No Data Entered/Not Applicable !!!

No file uploaded.

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
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No Data Entered/Not Applicable !!!

No file uploaded.

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

Number of Faculty	International	National	State	Local
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No Data Entered/Not Applicable !!!

No file uploaded.

### 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
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No Data Entered/Not Applicable !!!

[View File](#)

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
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No Data Entered/Not Applicable !!!

No file uploaded.

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
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No Data Entered/Not Applicable !!!

[View File](#)

### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
<b>No Data Entered/Not Applicable !!!</b>					
No file uploaded.					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

**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
<b>No Data Entered/Not Applicable !!!</b>	

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
<b>No Data Entered/Not Applicable !!!</b>	
No file uploaded.	

**4.2 – Library as a Learning Resource**

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Null	Null	Null	2021

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	0	0	0	0	0	0	0	0	0
Added	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0

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

<b>No Data Entered/Not Applicable !!!</b>
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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
<b>No Data Entered/Not Applicable !!!</b>	

#### 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
<b>No Data Entered/Not Applicable !!!</b>			

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

In various locations such as the office, laboratories, library, departments, examination section, and e-class rooms, the Institute has a sufficient number of computers with internet connections. As time allows, the students can use the computer lab, which is connected through LAN. The office computers, which are also connected by LAN, are equipped with office software that makes work more efficient and systematic, and their use is limited to the designated office workers. The technical team keeps track of who uses the facility and keeps log books for them. Allotted technical staff and Faculty in-charge in labs keep the computers and their peripherals in good working order. All maintenance is handled by the Systems Administrator. If the equipment is repaired within the warranty term, the supplier company dispatches personnel to help. The System Admin inspects the repair of equipment that has passed its warranty period he obtains the necessary parts and replaces them with new ones. The relevant departments do equipment/instrument calibration every semester/year as needed, based on or according to the time interval indicated by the supplier. Any variation in this regard will be noted, and the required steps will be taken by contacting the suppliers specialists. The college

administration makes a financial provision for library maintenance. Library personnel performs tasks such as fumigation and maintaining the library clean on a regular basis. The acquisition of books is based on the curriculum. If a book is damaged due to normal wear and tear, it is bound for future use. Quarterly journals have a single volume as well. JNTUA examination question papers are archived for future use. In the library, there are visitor log books. A sports materials stock book is kept, as well as a usage record. Purchases are made based on the gadgets wear and tear. Students and staff can use the canteen, which has a pleasant atmosphere. Private workers are hired to provide the services. The college buses provide transportation to and from the Institution. The Transportation in-charges responsibilities include maintaining the college buses, acquiring relevant clearance certificates, insurance, permits, and other documents from the RTO, performing regular vehicle inspections, and appointing well-trained and experienced drivers. The in-charge can provide a regular maintenance record book. Maintenance of Diesel Generators, UPS systems and batteries, building and equipment earthing - measuring earth resistance at regular intervals, ensuring proper earth connection for various equipment in labs and classrooms are all taken care of by the electrical maintenance staff under the direction of the Maintenance Engineer. This team also ensures that the campus has access to electricity and water 24 hours a day, seven days a week.

## 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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
No file uploaded.			

#### 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
No Data Entered/Not Applicable !!!			
No file uploaded.			

#### 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
2020	Career Counselling	0	475	0	Nil



2019	Competitive Examinations	298	0	Nil	0
No file uploaded.					

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
No Data Entered/Not Applicable !!!		

## 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 !!!					
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
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 !!!	
No file uploaded.	

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
<a href="#">View File</a>		

## 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
<a href="#">View File</a>						

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



The institution has a well functional student council which takes care for augmentation of various infrastructural, academic and administrative activities for student benefit and welfare. The council organized a successful oath taking ceremony for various elected student representative of different committees. The student's council along with the college administration has actively solved many problems of student's like admission, availability of resources etc. Various activity societies were formed by student's council along with college management for smooth running of the tasks. The students council took initiative and have been successfully running science council of the institution. The council actively participated in organizing and conducting programmes and other collegeial programs like tree plantation, cleaning of college premises, swachh bharat abhiyan, blood donation camp etc. The students council have also successfully conducted seminars and workshops for girls safety, women helpline and eve teasing for safety of the college girls. Under the guidance of students council, traditional festivals has been celebrated which have worked as a pillar in bringing unity and diversity. Anti-Ragging Committee - This committee investigates any ragging incidents that occur on college grounds. This committees members are particularly diligent in protecting their juniors during their free time. They willingly travel school and watch their juniors in order to maintain a friendly atmosphere on campus. Those who break the rules will face severe consequences. IQAC (Internal Quality Assurance Cell) - Students are actively involved in this committee through brainstorming sessions in order to attain desired outcomes. Their new ideas and thoughts were evaluated, updated, and applied in order to achieve intended results. Women Empowerment Grievance Redressal Cell(GRC) Grievance Redressal Committee (WEGRC) - The Women Empowerment and Grievance Redressal Cell was established to empower and protect the rights of female members of this Colleges community. These cells coordinate activities relating to gender sensitization, violence against women, and legal measures relating to workplace sexual harassment of women. Students active participation in these committees can be seen in a variety of campus events. Library Committee - Students have an important role in this committee by recommending books and periodicals that they believe are essential and helpful to their studies and careers. Transport Committee -The purpose of the Transportation Committee is to regulate transit of buses from various parts of district. Student members of the committee monitor the routes, timings, and maintain discipline among the students on board. Canteen Committee -Student members of this committee keep a close eye on the quality of food served and the sanitary conditions in the canteen. It takes steps to improve the services supplied, particularly in terms of food quality. Hostel committee -The warden is in-charge of the administration of hostel. The purpose of student members of this committee is to guarantee that the hostel facilities and food offered are clean and wholesome, as well as to have periodic meetings with student representatives to address their concerns. NSS committee -This group has a certified officer and student volunteers who participate in various service activities on and off campus.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

An alumni association has been formed on campus. Alumni are one of the main stakeholders of the Institute as they contribute immensely to the development of the Institute in multiple dimensions. Alumni of the institution are providing mentoring services to all college department students, which has proven to be effective in helping students understand the industry institute gap as well as how to plan and shape up their careers in the right direction. They are also helping students understand various business opportunities and providing all necessary support for preparing students to become industry ready

or to become entrepreneurs by understanding the current dynamo. The institution holds annual Alumni gatherings on a regular basis. During the events, the Alumni are sharing their success stories to the ongoing students and sources of placement. Alumni are influential in introducing the outcome based education in the institution making the students Alumni help the institute grow in the following ways: ?Alumni are employed in a wide range of industries. As a result, they act as a source of information for their juniors regarding various opportunities. ?The current class of students can learn about the present state of the industrial and marketing sectors, and the Alumnis experiences can be used as practical proof and motivation for future classes.

5.4.2 – No. of enrolled Alumni:

No Data Entered/Not Applicable !!!

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

No Data Entered/Not Applicable !!!

## **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)

Institution practices Decentralization and Participative Management. The success of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. Right from the Chairman of the Management Committee to the staff and students, all the stakeholders have a role to play in building of the college. Their involvement and cooperation in devising and implementing decision making policies for academic and administrative affairs through various bodies and committees have contributed to the growth of the college. Institution focuses keen on decentralization by intending equal opportunity to participate is the functioning of the Institution management comprises of management committee, college governing council and each committee has been provided with specific functions cater to the needs of institution for the ongoing progress and development of the Institution. Management committee takes care of infrastructure facilities which fulfil the quality and the required needs of the higher education bodies to reach the set goals or benchmarks of the Institution. It also extends all the amenities for the teaching and non-teaching faculty and students. College Governing Council takes care of financial management and the implementation of facilities for the institution with the cries to upgrade the standard of amenities which supports effectively the teaching learning and research aspects. It guides and articulates the available resources and provides free hand to the head of the Institution to carry out the activities in order to reach the expected maximum standard in turn to motivate the teaching and non teaching faculty to work according to the goal set. The Principal, Heads of the departments, teaching and non teaching faculty, class student representatives together concentrate on fostering the progress of institution by sharing the responsibilities and participate growth of institution and to act according to the aims and objectives of the Institution. Principal is the member secretary of the governing body and chairperson of the IQAC. The Principal in consultation with the Teachers of different committees for planning and implementation of different academic, student administration and related policies. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers of the college.

Department heads identify and analyse student performance at regular intervals in order to manage student counselling process and take appropriate corrective steps in their respective departments. Faculty serve on several committees formed by Principal to carry out various activities to encourage and develop students life skills and leadership skills. The student-centred approach promotes participative management and advancement of knowledge across all spheres and horizons. Sports facilities have been well established in order to provide students with a well-rounded education.

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

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

## 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	70 percent of the admissions to UG, PG programmes are by Government and 30 percent by management. While filling the 30 percent quota of management seats to make more transparent, publicity is given in all local news papers calling for applications from all the aspiring students. The Management admits candidates for the Management and NRI quota based on merit and should possess first class is optional.
Industry Interaction / Collaboration	Industry experts/ representatives are invited to be members of all the Governing Body, IQAC and Department Advisory Committee. Their guidance is sought and their inputs and suggestions are welcomed and often implemented. Such interaction serves to enhance job opportunities and facilitate the introduction of various training programmes. Seminars, workshops and talks with experts from industry as resource persons are organized by the Departments. The institution promotes industry interaction cell through the Training and Placement Cell headed by the Training and Placement Officer. The students are taken for industrial visits every academic year.
Human Resource Management	Institute has established well defined administrative section and academic sections to look after the employees and students respectively. Every individual is provided with equal opportunities to excel in the respective individual's domain area. The institute uses performance evaluation methods for the staff at the end of every year. The performance evaluation of the staff is done by head

of the department. Monthly meetings of staff with the section heads are conducted to ensure healthy relations and communication amongst the members of the section. Occasionally, meetings of faculty, staff and students with the top management are conducted.

**Library, ICT and Physical Infrastructure / Instrumentation**

A state-of-the-art Central Library has been established and is accessible in direct and virtual mode for its students. Almost all the classrooms are equipped with ICT facility for better student teaching-learning. Library journals are procured/subscribed both in electronic and print-mode to facilitate easy access to all the students and faculty members. Institution is equipped with sufficient seminar halls, ICT enabled classrooms to facilitate effective student learning. Modern laboratories are provided for student practice.

**Research and Development**

- Periodical FDPs are organized to encourage in research work.
- Faculty members are encouraged and supported to publish papers and also present papers in conferences and journals with high impact factor through incentives like travel reimbursement, funding and awards.
- Modernising laboratories with equipments and tools needed for research and product development.
- Establishing linkage with institutes of repute and research labs.
- Reorienting and training faculty members in current research topics.
- Involving students in minor and major research projects.
- Establishing inter disciplinary research groups that work on product development.

**Examination and Evaluation**

The internal and end examinations are conducted as per the schedule and rules given by JNTUA. Being an affiliated college, university conducts the end examinations. The faculty participates in the examination work like internal question paper setting, invigilation of examination, subject expert for the practical examinations and evaluation of internal examinations. Transparency is maintained in evaluation process.

Examination committee ensures the smooth conduct of examinations as per the schedule. Blooms Taxonomy is used while framing the questions for MID term Examinations. The Course Outcomes are calculated for each subject for MID

	term examinations.
Teaching and Learning	<p>Online Feedback on teaching learning process allows students to select particular subject and respective teacher to give feedback about teacher and subject. It is a feedback generation system which gives the proper feedback to the teachers about their teaching quality on basis of rating Excellent, very Good, Good, Average, and Below Average. In the existing system, student gives feedback manually. In existing system report generation by analyzing all feedback form is very time consuming. The IQAC has reviewed the process of the existing system and advised the committee to implement online feedback system in the college. In online feedback system student gives feedback for teacher of particular subject for particular period of time. Feedback is send to HOD of particular department as well as all departments' feedback to principal. HOD has rights to whether feedback shows to respected teacher or not. After analyzing report HOD or Principal conducts the meetings for staff individually. The online system assessment is the systematic collection and analysis of information to improve student learning in the institution.</p> <p>The IQAC has reviewed the existing system on internal assessment and asked the College Academic Committee to strengthen the evaluation by adopting the internal audit on scrutinising the answer scripts. Further it is also suggested that the Internal Answer Scripts must scrutinized by the senior faculty/subject expert to check the evaluation done by the concerned faculty. The evaluation system adopted by the Institution of both midterm examinations on continuously. The answer scripts are also given back to the students after evaluation for their information which provides transparency and accountability to the evaluation process. With this new method observed that the assessment accuracy has been improved and also helped the teachers to measure the performance of the students.</p>
Curriculum Development	<ul style="list-style-type: none"> <li>• The curriculum developed by the affiliating university.</li> <li>• Required inputs will be taken from various stake</li> </ul>

holders like employers, parents, students, teachers and alumni, etc. these inputs are discussed at length in BOS and finalized appropriately. • A course end survey is conducted at the end of every course and necessary measures are taken. The results of mid exams are mapped with Course Outcomes and the achievement levels are indexed.

- Linking faculty development programs to curriculum design delivery.
- Creating assessment plan and procedures to determine curriculum effectiveness.
- A frame work for optimising local, state and nation standards in curriculum.
- Monitoring curriculum delivery.

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

E-governance area	Details
<p style="text-align: center;">Planning and Development</p>	<p>Every effort is made for effective implementation of planning and development in the college through egovernance so-that the objective of imparting quality education may be met. The planning regarding effective implementation of the curriculum, organisation of academic and extension activities, examinations etc. is made at the beginning of the session by preparing academic calendars and timetables. All this is uploaded on the college website. In addition to this important notices and advertisements are also uploaded on the college website so-that all concerned may get necessary information leading to good governance.</p>
<p style="text-align: center;">Administration</p>	<p>The administration of office dealing with students, faculty, and admissions are fully computerized. The institution uses biometric attendance system for all the teaching and non teaching staff. The CCTV surveillance system is available for all the existing facilities. Notices and circulars are uploaded in the college website and communicated to different departments through e-mail from the office of the Principal</p>
<p style="text-align: center;">Finance and Accounts</p>	<p>Tally software: Tally ERP9 software is used to maintain the following transactions in our institution. To record daily transactions of fee remittance by the students with EMS Software. To keep daily payments made under various heads of expense. To</p>



	maintain individual ledgers for all stake holders of the institution. To maintain effective handling of Income and Expenditure account which is used to generate various financial statements.
Student Admission and Support	Students who desire to take admission into the Convener quota are required to attend EAMCET counselling organized by Govt. of Andhra Pradesh. Students who desire to take admission into Management quota and Spot admission are required to make formal application to the institute
Examination	Examination forms and internal part of teaching learning process and application of e governance in matters of examination ensures errorless, smooth and quick functioning of the system. Examination forms of the students are submitted to the university online. Roll no. to the students are issued and generated on college portal provided by the university. Results of the students are also uploaded by the university on the portal from where the students can download there results. Any other related information like releasing of date sheet, schedule of examinations or any correspondence regarding is made online.

### 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
<b>No Data Entered/Not Applicable !!!</b>			

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> <li>•Contribution of EPF</li> <li>•Medical leaves are provided to the staff</li> <li>•Maternity leaves are provided to the lady faculty</li> <li>•Concession in the Tuition fee for the wards of the faculty</li> <li>•Free transportation facility in college buses</li> <li>•Sponsoring Conference and faculty development programs</li> <li>•Study leave for professional development</li> </ul>	<ul style="list-style-type: none"> <li>•Contribution of EPF</li> <li>•Medical leaves are provided to the staff</li> <li>•Maternity leaves are provided to the women staff</li> <li>Concession in the Tuition fee for the wards of faculty</li> </ul>	<ul style="list-style-type: none"> <li>?Concession in hostel fees is provided for economically weak students</li> <li>?Tuition fees waiver for meritorious students</li> <li>? Management Scholarships and Incentives to Academic Toppers</li> <li>?Concession in the mode of payment of fee (Fee payment in installments) for economically weaker students</li> <li>?Under State Government Fee Reimbursement and Scholarships for economically weaker students</li> <li>?Scholarship is provided for the M.Tech. students who have qualified in GATE</li> <li>?Book Bank service is provided for SC,ST students</li> </ul>

**6.4 – Financial Management and Resource Mobilization**

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

The institution is having qualified practicing External auditor who is auditing the accounts of the college once in a Year. After the audit, the report is sent to the management for review. The auditor is appointed by the Management. In addition to this, the institution is having consultants to give opinion on taxation and legal issues. Finance committee gathers and approves the annual budget of the Autonomous section and institute level for each financial year and review the utilization of funds of previous year as per budgetary provision. It meets once in a year and twice if required. The draft budget is placed to the finance committee for the approval. All the current year spending is carried out as per provision given in the budget. Periodic reviews are carried out to monitor the utilization of the budget as per the provision given



in annual budget. Principal conduct the reviews with the help of chief account officer and Accounts officer a quarterly basis and make sure that the funds are utilized effectively. Institute level budget is approved by institute Governing Body and management Committee at the end of each financial year for the coming year. Each department Committee headed by the HOD, senior faculty and lab in-charges and prepares the annual budget for each financial year, this exercise is carried out taking the recurring and non - recurring expenditure requirement for the department for the entire year. A detailed requirement is submitted to principal. Account officer prepare the institute level requirement and prepare the detailed budget. All the department requirements and institute level requirements are discussed in HODs meeting and finalize the total recurring and nonrecurring budget requirements. The comprehensive budget proposal is placed before the Governing Body and Management committees for final approval.

Effective monitoring system is in place from quotations stage to the installation and commissioned stage. Any additional requirements arise due to unforeseen expenditure may be discussed in the HODs meeting and Management Committee is requested to approve Quarterly review of the expenditure is carried out in each department, to monitor the effective utilizations of funds. The college is filing income tax return every year within the stipulated time.

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
<b>No Data Entered/Not Applicable !!!</b>		
No file uploaded.		

6.4.3 – Total corpus fund generated

<b>No Data Entered/Not Applicable !!!</b>
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## 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	Nill	Nill	Nill	Nill
Administrative	Nill	Nill	Nill	Nill

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

Participation of parents is solicited in design and delivery of curriculum. They are continuously kept informed about the progress of their wards by communicating with them through their mobile phones when ever seems necessary.

a. Continuous monitoring of students and provide feedback on their performance  
b. Faculty members understand the aspirations of parents from their wards and guide them through effective counselling of students based on their performance and encourage them accordingly to ensure stakeholders satisfaction. c. Parents can understand the functioning and the facilities or services available for student welfare at the institution. d. Development of a closer relationship between parents and faculty results in improved student achievements and it develops a positive reputation of the institution in the community.

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

Training programmes are conducted on regular basis either by the faculty or by the technical people from the equipment / instruments suppliers to upgrade their skills in handling and maintaining them in laboratories. • Adequate

training and instructions are given on regular basis particularly when ever laboratory curriculum is changed meeting the requirements. • Academic / study leaves are granted to encourage higher education.

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

(1) Working towards accreditation by NBA by reinforcing Outcome Based Education (OBE) system. (2) Continuous assessments of Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) based on the results of every student in internal and external examinations. (3) Arrangement of Seminars, Workshop and Conferences at regular intervals. (4) Steps taken towards campus drives for placement of final year Students. (5) Academic and Administrative Audit of the Institute

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Nil
b) Participation in NIRF	Nil
c) ISO certification	Nil
d) NBA or any other quality audit	Nil

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
<b>No Data Entered/Not Applicable !!!</b>					
No file uploaded.					

**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
<b>No Data Entered/Not Applicable !!!</b>				

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p><b>Efforts to achieve carbon neutrality:</b> The college conducts a Green Audit through a committee comprised of the principal, NSS Program Officers, and Student Representatives. <b>Tree Planting:</b> To keep the campus green and tidy, the campus places a high value on tree planting, including medium and long trees. The NSS Units at the College took part in a Green Drive (tree planting). To reduce smoke pollution, the mechanical departments thermal engineering machinery and the canteen have been relocated away from the main building, and staff and students have been encouraged to plant trees both on and off-campus. <b>Management of solid waste:</b> The primary goal of solid waste management is to reduce and eliminate the negative effects of waste materials on human health and the environment in order to promote economic development and a higher quality of life. All solid waste is collected by designated personnel from bins located throughout the campus. The waste collected from dust bins located throughout the college can be classified as Biodegradable (papers, dust, leaves, twigs etc.) Non-Biodegradable (plastic, glass bottles, food wrappers etc) The collected degradable waste is burnt to form ash. The produced ash is</p>

used as fertilizer for gardening and farming. The Collected Non-degradable waste is disposed of off to the dumping yards beyond the panchayat limits, which shall be processed by panchayat authorities. Liquid waste management: RO backwater is effectively collected and used for plantation.

### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
<b>No Data Entered/Not Applicable !!!</b>		

### 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
<b>No Data Entered/Not Applicable !!!</b>							
No file uploaded.							

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

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

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

Activity	Duration From	Duration To	Number of participants
<b>No Data Entered/Not Applicable !!!</b>			
No file uploaded.			

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

Solid waste management - We categorize the solid waste: Degradable (Dust, Leaves, twigs, Paper etc.), Nondegradable (Plastic, glass, bottles, food wrappers etc.) The institution takes all the measures that are required to ensure the campus is free of plastic items and other waste that cause damage to the environment. Dustbins are available on the campus, in all departments and in the classrooms. Emptying of the dustbins is being done on a regular basis by the cleaning team. Segregation of wastage from the dustbins is done in other strategic locations, thus keeping the campus clean and green. The college has rainwater harvesting facility with rain water storage tanks around the building. This structure recharges the groundwater not only for the institution but also in the surrounded areas too. Drain pits are used to sink the water and recharge the groundwater table.

## 7.2 – Best Practices

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

Best Practice-I 1.Title of the practice: Enrichment of teaching methodology through ICT 2.Objectives of the Practice: ?To promote chalk and talk method to technological method ?To motivate students towards innovative learning. ? To have unlimited resource in support of learning. ?To accelerate the teaching and learning efficiency ?To increase knowledge comprehension, practical skill and presentation skill 3.The context: 21st Century is the century of technology. Technology which is used in all aspects of life. Information and communication Technologies is potentially powerful tool for extending educational

opportunities. ICT plays very important role in the development of knowledge. ICT has changed the teaching and learning process. Today Education has become student centered due to ICT. ICT has changed the traditional methods in teaching and learning process and introduced new methods which are effective and useful for students. There is a belief that ICT can empower teaching and learning process. Transforming teaching and learning processes from being teacher centric to student centric. Nowadays the role of Information and Communication Technology (ICT), especially internet in the education sector plays an important role. Educational ICT through curriculum integration has a significant and positive impact on student achievement, especially in terms of Knowledge Comprehension, Practical skill and Presentation skill in many subjects. Hence, we choose "Enrichment of teaching methodology through ICT" is one of our best practices.

4.The practice: Information Communications Technology (ICT) enabled teaching methodologies are being followed by the faculty members in class rooms as a complementary tool for conventional teaching methods. The use of multimedia teaching aids like, LCD projectors, smart classrooms and internet enabled computer systems are usually employed in class room. With the help of internet, anyone can browse e-books, subject matter, research article etc. The faculty of computer science department our college made this event successful by engaging as resource persons.

5.Evidence of success: Information and communication Technology is playing an important role in education. ICT can make teaching and learning process more effective and easier. Teaching and learning has become student centered due to ICT. Students are performing better using ICT tools rather than traditional method teaching method. The faculty members have benefitted by the multimedia presentation, video lectures etc.

6.Problems encountered and resources required: No major problems encountered. Lack of technological support like range of wi-Fi , internet etc.

Best Practice II

1.Title of the Practice: Generating social awareness through inclusive education

2.Goal: To develop a sense of belongingness to the society and generating awareness among students about issues that are faced by our society today.

3.The Context: Just like the environment, society today is also at the cross roads. Dwindling between a traditional mind set on one hand and vast exposure to the west on the other, the student today is striving to find his position. Various evils have cropped up in these time of turmoil and the society needs sensitive and open minded citizens to help it overcome them. The college is fully aware of its responsibility towards the society and has undertaken various efforts to help it.

4.The Practice: The following practices have been adopted to fulfil the social responsibility of the college:-

- 1.Regular guest lectures, debates and group discussion on issues pertaining to society like women empowerment, gender sensitization, social inclusion, ethics, communal harmony, corruption etc.
- 2.Importance of community service like cleaning of roads, river banks, gardens, organizing awareness drives about voter registration, polio vaccination, blood donation, female infanticide etc by NSS volunteers.
- 3.Street plays, poster competitions, slogan writing, debates and skits about social issues during our cultural fests.
- 4.Regular monitoring of problems of students of reserve categories and minorities by the equal opportunity cell.
- 5.Equal opportunity for girls to participate in all college events
- 6.Organization of Remedial Classes and coaching for SC/ST/OBCs for entry in to services under UGC schemes.
- 7.Organization of blood donation camps and voter registration booths in the college.
- 8.Banning of use of tobacco and other tobacco based products in the campus.

5.Evidences of success:

- 1.Increase in the number of girls in the institution.
- 2.Increase in the number of reserved category and minority students.

6.Problems encountered: With the help of staff and students the problems seemed very small and insignificant.

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

### 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

This Institute is very keen at facilitating personal commitment to the educational success of students and thus the Academic committee consisting of Principal / Director, senior faculty members and Examination Coordinator prepares the academic calendar well in advance before the commencement of the session/semester. The faculty members before the commencement of semester prepares the lesson plan, and make it available to the students. So many efforts are being made for the past few years to change the Teaching - Learning environment into activity based learning. Following are the methods adopted to transform the academic environment: ? Changing the teaching methodology by encouraging the faculty to use power point presentation where ever required. ?Extensive use of online - content and other Video lectures to support the Class - room teaching. ?Students are encouraged to present poster and oral paper presentations. Counseling system: ?Every Faculty member is allotted 15-20 students to whom one acts as a counselor. The counselor identifies the academic and personal problems of his/her ward ?The wards are encouraged to participate both in curricular and extra- curricular activities. ?Each department arranges guest lecturers periodically addressed by the eminent persons from Industry, Academic and Research Institutions. ?Eminent experts of National reputed people are invited from academic /organization /industries for seminar, workshop, conferences etc. In addition to the classroom interactions, following are the other methods of learning experiences provided to the students: ?Project work ?Short term Industrial visit or Internships. ?Oral presentation ?Seminars/ Symposiums/ Workshops ?Paper presentations/ Group discussions ?Providing access to e-journals and e-books by use of ICT in delivering and learning process Emphasis is paid to obtain feedback from parents, students, faculty members and alumni through informal contact to obtain information about qualitative changes which are required. Feedback System - ?Students give feedback about the faculty at the end of each session or semester. ?Feedback is taken from the parents of the wards. ?Feedback is also taken from alumni The students play major role in the events like Annual day, Sports day etc., which are being organized by the college and inculcate the qualities of co-operation, co-ordination and team work. Personality development programs and seminars are being conducted from the first year to improve communication skills soft skills of the students. Social Responsibility Activities like Go Green Activity through plantation, Blood Donationm Visiting Hospitals. Interacting with patients and distribution of nutritious food, plantation and visiting nearby villages and helping them according to their requirements. Achievement: ?Improved students understanding in domain knowledge. ?Improved results and pass percentage. ?Reduced backlogs and detention. ?Improved placements and opting for higher studies.

Provide the weblink of the institution

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

1.NBA accreditation 2.Obtaining the Autonomous status 3.Motivating the faculty members to apply for Research Projects 4.Organizing faculty development programs to update their knowledge 5.Incubation center 6.Introduction of New programs in Computer Science and Engineering Department