



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

St. Ann's College of Engineering and Technology

- Name of the Head of the institution **Dr. M. Venu Gopala Rao**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **08594247500**
- Mobile no **9848510999**
- Registered e-mail **sacetchirala@gmail.com**
- Alternate e-mail **principal@sacet.ac.in**
- Address **Nayunipalli Village,
Challareddypalem Post**
- City/Town **Chirala**
- State/UT **Andhra Pradesh**
- Pin Code **523187**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Jawaharlal Nehru Technological University Kakinada, Kakinada**
- Name of the IQAC Coordinator **Dr. P. Srinivasa Rao**
- Phone No. **08594247500**
- Alternate phone No. **08594247500**
- Mobile **6281266754**
- IQAC e-mail address **iqac@sacet.ac.in**
- Alternate Email address **ece.drpsr@sacet.ac.in**

3. Website address (Web link of the AQAR (Previous Academic Year)) <http://sacet.ac.in/aqar/>

4. Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link:

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.07	2011	16/09/2011	15/09/2016
Cycle 2	A	3.02	2016	02/12/2012	01/12/2021
Cycle 2	A	3.02	2018	04/12/2018	31/12/2027

6. Date of Establishment of IQAC **17/04/2012**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Faculty	RPS	AICTE	2021	621349

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **1**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Academic Audit in all Departments

MOUS with reputed organizations

Seminars

Workshops

Guest Lectures

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

Plan of Action	Achievements/Outcomes
To offer Value added courses	Programs were conducted on latest technologies for the benefit of the students.
NBA Accreditation of B.Tech(,ECE,CSE,ME) programmes	NBA accredited B.Tech (ECE) and B.Tech (CSE) for three years up to 30-06-2023.
Communication with Parents	Student particulars like Percentage of attendance, Midexam marks and Backlogs have been sent to parents. Percentage of student attendance is improved
To Improve Co-Curricular Activities	Workshops, seminars, industrial visits, soft skill development programmes, communication skill development programmes organized regularly.
To Monitor Teaching Learning process	Academic Audit is done at the end of Every year.

13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Governing Body	12/04/2022

14. Whether institutional data submitted to AISHE

Part A

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Seminars		
Workshops		
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Name	Date of meeting(s)
Governing Body	12/04/2022
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2022	26/12/2022
15.Multidisciplinary / interdisciplinary	
NIL	
16.Academic bank of credits (ABC):	

NIL

17.Skill development:

Skill development is no longer a matter of choice. It is imperative to adapt, survive and succeed. We work in an era where dealing with ambiguity and disruptive trends are pivotal to success. In parallel to maintaining an academic awareness of your field, you have to review the career eco-system. Adapting skills and attitude is now inevitable to succeed in the years to come.

what is skill development?

In a fundamental way, skill development for a learner could mean four things:

The skills or knowledge you acquire as a part of your academic qualification.

Any other skill you invest in, to stay future-ready.

Any skill you pursue as a passion.

Natural behavioural strengths.

In our affiliating university ,JNTUK, since R20 regulations skill development theory and Lab courses have been introduced.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

India developed its knowledge system, tested it through practice, verified and improved it over thousands of years As a result, the Indian Knowledge System is founded on the 'well being of all. It is based on a deep understanding of human being as well as of nature and entire existence.Living with continuous fulfilment (called by different names such as bliss, peace, satisfaction, happiness, fulfilment, contentment, enlightenment, independence, self-actualisation, ecstasy, divinity, salvation, liberation, ,...)

- Right understanding (understanding harmony - truth)
- Living in harmony (love and compassion)
 - Relationship (living in harmony with human being) and
 - Physical facility (ensuring more than required, but in harmony with rest of nature
- with right skills)

A knowledge system which ensures right understanding and clarity of living in harmony at all levels of human existence can be called a holistic and humane knowledge system. Many cultures and civilisations over millennia have tried to evolve such knowledge systems.

The Indian culture and civilisation is one such example. In our affiliating university, JNTUK, since R19 and R20 regulations Indian Knowledge system courses have been introduced.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome-based education or outcomes-based education (OBE) is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the goal. There is no single specified style of teaching or assessment in OBE; instead, classes, opportunities, and assessments should all help students achieve the specified outcomes. The role of the faculty adapts into instructor, trainer, facilitator, and/or mentor based on the outcomes targeted.

In an international effort to accept OBE, The Washington Accord was created in 1989; it is an agreement to accept undergraduate engineering degrees that were obtained using OBE methods. As of 2017, the full signatories are Australia, Canada, Taiwan, Hong Kong, India, Ireland, Japan, Korea, Malaysia, New Zealand, Russia, Singapore, South Africa, Sri Lanka, Turkey, the United Kingdom, Pakistan, China and the United States.

In our college OBE has been implemented since 2013 for UG level programmes.

20.Distance education/online education:

NIL

Extended Profile

1.Programme

1.1

661

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	View File

2.Student

2.1 **3411**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 **166**

Number of seats earmarked for reserved category as per GOI/
State Govt. rule during the year

File Description	Documents
Data Template	View File

2.3 **853**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 **191**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 **44**

Number of sanctioned posts during the year

Extended Profile

1. Programme

1.1	661
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	3411
Number of students during the year	

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File Description	Documents
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3. Academic

3.1	191
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	44
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	86
Total number of Classrooms and Seminar halls	
4.2	133462541
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1090
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

St. Ann's College of Engineering & Technology is an affiliated institution under JNT University and follows the scheme and syllabus prescribed by the university. Faculty members give feedback about the syllabus in the Board of Studies meetings organized by the university. However, the curriculum is prepared by the institution in line with the institution's vision and mission.

Curriculum Planning:

Based on the academic calendar given by the university the college prepares its academic calendar along with various co-curricular and extra-curricular activities. The following documents are prepared accordingly.

- Time table of the Department integrated with the Master Timetable

- Strategic Perspective Plan (SPP) of the Departments and budget requirements besides the SPPs of all the Cells and Clubs.
- Workload and faculty requirements for the upcoming academic year.
- Bridge course / Remedial Intervention strategies/Certification course, Syllabus and Curriculum
- Curriculum Plan, Deployment Strategy and curriculum delivery tools.

Curriculum Implementation:

The planned curriculum is deployed to the students by following conventional and modern techniques like ICT etc.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Institution follows the university academic calendar. In addition, at the start of each academic year, the institution creates an Academic Calendar that lists all of the curricular and extracurricular activities that will be held by the college, both at the faculty and student levels. It is posted on the college website and on the notice board so that students can learn about our semester plan online, and a copy is given to the H.O.D.s and Coordinators so that they can plan their activities. This assures curriculum enrichment through activities such as expert talks, extension activities, and industry-academic interaction. The academic calendar for the current academic session was prepared and followed for the conduct of examinations and other activities. Calendar of Examinations: The Examination Committee creates the examination calendar in accordance with the University Circular. Our examination committee notifies the date and hour as soon as the University announces the examination schedule. The college was required to adopt these examination dates because the University of JNTUK held semester-end examinations for all courses in 2021-22. An IQAC Calendar is also created, which lists activities aimed at maintaining and improving quality at the college.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

15

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

06

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

525

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

In order to combine the cross cutting issues like gender sensitization, Environment Sustainability, Human Values and Professional Ethics, at SACET, Students are nurtured to develop other attributes, like gender equity and sustainability in academics. The institution is following JNTUK curriculum. The efforts made by the Institution to integrate the cross cutting issues are:

Gender Sensitization

Environment Sustainability

Human Values and Professional Ethics

Gender Sensitization:

The institution has a responsibility to build gender sensitivity among the students and staff. The value of gender equity needs to be integrated in the learning process through curriculum. Equal

opportunities are given to both the genders in terms of admissions, employment, training programs, sports activities etc.,

Environment Sustainability

At present, we are living in a well-developed technological world. Technology has constructive results as well as adverse impact on our environment. There is an immense need to create awareness among the stakeholders regarding the need to sustain and preserve environment and make technology go hand in hand with the ecology rather than hamper it.

Human Values and Professional Ethics

JNTUK has introduced a subject titled 'Human Values and Professional Ethics' for B.Tech students, so that they can imbibe and practice human values.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

365

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

853

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni **A. All of the above**

File Description	Documents
URL for stakeholder feedback report	https://docs.google.com/forms/d/e/1FAIpQLSeFJevbumiTzWNS40aOcv-GfYGL8ozHzi3L6pLlJsdiQjn1YA/viewform?usp=sf_link
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://docs.google.com/forms/d/e/1FAIpQLSeFJevbumiTzWNS40aOcv-GfYGL8ozHzi3L6pLlJsdiQjn1YA/viewform?usp=sf_link

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1122

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

717

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The participation of the students in class room discussions, performance in class tests, class room seminars, class committee meetings and feedbacks measure their learning abilities and identify slow learners and advanced learners.

Assisting slow learners: In a class, students are divided into groups and Mentors (faculty members) are assigned to every group right from I year to IV year. In view of Counseling the faculty members suggest /guide the students in curriculum. Tutorials, lab classes, video lectures and personal attention by concerned faculty. The mentor will be in touch with the student parents and frequently calls the student to update the status of his/her ward. Remedial classes are conducted in courses where failures are more in external exams.

Advanced learners: They are motivated to strive for higher goals. They are provided with additional inputs for better career planning and growth like: Offering special coaching like Campus recruitment training. Students are encouraged to be members of professional bodies like IE, IETE and organize technical events. Advising to participate in group discussions, technical quizzes to develop analytical and problem-solving abilities in them.

File Description	Documents
Paste link for additional information	https://sacet.ac.in/c2/
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3411	223

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Teaching-learning methods adopted by the faculty members include:

Lecture method: - This conventional method is commonly adopted by all the teachers of a text only for better understanding of the subject by the learners.

Interactive method:- The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, educational games, discussion

and questions and answers on current trends. **ICT Enabled Teaching:-** ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, E-learning resources.

Group Learning Method: Group Learning allows the slow learners to develop problem solving, interpersonal, presentational and communication skills to confirm quality in learning with Peer Group.

Project- based learning:-

- Certain courses related to Computer Science, demand project based Learning.

Experiential learning:-

- The faculty members foster learning environment by engaging in rich experiential content of teaching through experience.

.

Student Seminars:- The Student seminars are organized where in the papers are presented by students on contemporary topics to enrich their learning experience.

Summer training Project:- Summer training are considered as an important career stepping stone for CSE students.

Summer training teaches valuable on-the-job skills and provides excellent networking opportunities to the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the department ICT Tools:

1. Projectors- 11 projectors are available in different classrooms/labs
2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the department.
3. Printers- They is installed at Labs, HOD Cabins and all prominent places.
4. Photocopier machines - Multifunction printers are available at department office.
5. Scanners- Multifunction printers are available at department office.
6. Seminar Room- seminar hall is equipped with all digital facilities
7. Smart TVS- Smart TVS are installed in the campus.

8. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.

9. Online Classes through Microsoft Team, Zoom, Google Meet, Google Classroom

10. MOOC Platform (NPTEL, spoken Tutorials, Coursera, Udemy, Edx etc)

11. Digital Library resources (DEL NET, IEEE explorer etc) Use of ICT By Faculty

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

139

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

223

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

37

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1480

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

According to the guidelines of the JNTUK, 2 internal exams are required and the scores obtained must be entered on the university's web portal within the allotted time. The following steps are taken to make the test fair and also to make the assessment transparent

and robust for the students:

- Examination branch conducts the Internal tests following the guidelines given by University
- Department conducts assignments and lab internals
- Internal Assessment is done by Offline Descriptive examination, Online Quiz Examination and offline assignments.
- Internal and external examination marks are always accessible to the respective student through the Department.
- The marks and attendance of the group of 20 students will be sent to concerned faculty mentor for the sake of appropriate counseling
- Institute organizes parent teacher meet, once in a semester, where the parents are informed about the performance of their ward
- Institute maintains utmost transparency in the examination and subsequent evaluation process.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The institution has made efforts to ensure that students develop holistically and uses a system of Continuous Internal Evaluation to analyze students' abilities. We are associated with the University of JNTUK and follow the University's evaluation

guidelines. The Institution administers two tests (offline and online) to evaluate students for Internal Assessments in accordance with University requirements. The University of JNTUK has implemented a Grading System, which awards 25 points for formative assessment and 75 points for summative assessment. Internal tests (20 points) are included in the formative method, as are attendance, behavior, leadership, assignments, and active involvement in the classroom (5 marks). The University has established a pattern for summative evaluation. After the evaluation of any sessional examination, the results are examined using the mean and median of marks. Monitoring each student's progress using 'counseling sheets,' with the goal of boosting their performance using single and double backlogs. Slow learners are provided with additional guidance for subsequent tests. We send parents progress reports and SMS alerts regarding their children's progress. Apart from academics, the institution encourages students to participate in a variety of extracurricular and co-curricular activities organized by the college's numerous committees, clubs, and forums.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

1. Engineering knowledge
2. Problem analysis
3. Design/development of solutions
4. Conduct investigations of complex problems
5. Modern tool usage

6. The engineer and society
7. Environment and sustainability
8. Ethics
9. Individual and team work
10. Communication
11. Project management and finance
12. Life-long learning

Course Outcomes of Antennas and wave propagation

1. Identify basic antenna parameters and understand working principles of antennas
2. Quantify the fields radiated by various types of antennas
3. Design and analyze antenna arrays
4. Design and analyze wire antennas, loop antennas, reflector antennas, lens antennas, horn antennas and microstrip antennas
5. Analyze antenna measurements to assess antennas performance and identify the characteristics of different types of antennas
6. Get a deep insight into the radio wave propagation and the basic mechanism

Course Outcomes of pulse and digital circuits

After the successful completion of the course student should be able to:

C01: Design different RC differentiator and integrator circuits.

C02 : Design clipper and clamper circuits..

C03 : Design of various logic gates.

C04 : Analyze the Mono stable and Astable Multi-vibrator circuits..

C05 Analyze the Bistable Multi-vibrator circuits..

C06: understand the principles of voltage time base generator

circuits and sampling gates

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

- **Direct assessment will be carried out as per the guidelines prescribed by the affiliating university, JNTUK.**
- **Direct assessment is divided as internal examinations for 30 marks and external examinations for 70 marks.**
- **Internal examinations for all theory and laboratory courses for 30 and 25 marks respectively.**
- **External examinations will be conducted by the University for 70 marks for all theory courses and 50 marks for all laboratory courses**
- **Results of internal and external examinations will be taken as input for the calculation of attainment. Evaluation of attainment of POs and COs**
 - 1) A threshold is set to assess the students' performance based on the result of previous academic year for the course (Assumed threshold is 50%)
 - 2) Total marks from each component is calculated (Assume it as R1)
 - 3) Calculate no. of students attempted the exam (Assume it as R2)
 - 4) Calculate weighted Average marks using (Average Marks $R3=R1/R2$)
 - 5) Find number of students on or above threshold ($R4=(R3>Target\ Marks)$)
 - 6) Attainment achieved by students (R5 is Average of Mid-I and Mid-II)
 - 7) Calculate % of students attained: $M=R5/R2$
 - 8) Repeat the same procedure for Assignment (A) and Quiz (Q).
 - 9) Calculate the CO attainment as $(0.15*M+0.1*Q+0.05*A)$.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

425

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[Nil](#)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

621349/-

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

05

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has created an eco system consisting of the

following facilities for innovations and for creation and transfer of knowledge.

- SIEMENS advanced lab
- AP STATE SKILL DEVELOPMENT CENTER
- e-Yantra lab of ECE department
- JNTUK Research centers of ECE, CSE and ME departments
- EDD cell of ECE department

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

01

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

38

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

02

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institution extends research culture through college neighborhood network to fulfill social responsibility. Issues

related to Environment and Sustainability are taken care in the curriculum through courses such as Environmental Studies. Students are motivated to do innovative projects which solve social problems and meet the essential needs with academic projects. As a part of the extension activities which emphasizes community services, N.S.S. Unit provides free medical aid; supplies food for the people who are affected during natural calamities like flood, heavy storm, etc. NSS unit has undertaken the variety of Activities which directly benefit the Society and the people. We have our NSS unit with 100 enthusiastic volunteers who are always ready to take up any Service Activity. Apart from this, our NSS unit is organizing Swachh Bharath and Plastic Free Campus activities, Blood Donation camps, free medical camps, World Important days celebrations in and around the college campus and also in adopted village.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

15

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

370

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

90

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

01

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The College encompasses a well maintained lush green campus spread over 24.30 acres to of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Classrooms: college encompasses sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes.

Technology Enabled learning facility: The College has ICT Classrooms where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given.

Seminar Hall: The College has multiple seminar halls.

Laboratories: All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE and JNTUK norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching contents

beyond the syllabus. Labs have sufficient licensed software and open source tools to cater the requirements of

curriculum & industry enabled teaching. Wi-Fi: The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

It has adequate facilities for sports, games and cultural activities. The total area of sports and games fields is 8 acres. St. Ann's College of Engineering and Technology has large Playgrounds with provision for multiple games, such as, Athletics, Cricket, Football, Hockey, Volleyball, and Kho-Kho Indoor and outdoor badminton courts and gymnasium are available.

Major cultural events are organized at Main Auditorium. Facilities for outdoor and indoor sports and games that include badminton, volleyball, carom, table tennis and chess, Gymnasium and cultural activities also exist in the Girls and Boys Hostels. Intra-faculty and inter-faculty games and sports competitions are organized regularly every year for students. Students are specially trained for participation in D- Zone and Inter-University competitions organized by the Association of Indian Universities and sports events outside the campus St. Ann's College of Engineering and Technology has excelled at these events by winning prizes and awards in individual and group events. Special classes on self-defense are organized specially for female students. National Independence Day and Republic Day are celebrated in the Institute. Students present cultural programmes on the Independence Day and in National and International Conferences organized by the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

86

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

35860902

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Library supports the institution and its stakeholder by providing seamless access to the widest possible spectrum of

information resources such as digital, online databases, print and

non-print materials relevant to the curricular, informational and innovative research needs of the academic community. To provide college students with the information they need to achieve their highest academic potential and help them to acquire research skills necessary for lifelong learning. To support teaching faculty & administrative staff and to participate in interactive information to exchange within the wider library / educational community.

· Name of ILMS software - IDENIZEN SOLUTIONS PVT LIMITED, BANGALORE

· Nature of automation (fully or partially)-PARTIALLY

· Version -SMART CAMPUS

Year of Automation-2008

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**1222536**

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)**4.2.4.1 - Number of teachers and students using library per day over last one year****224**

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

Students of SACET are privileged to have unlimited access to the computer labs. The laboratories are equipped with internet facilities. We have state-of-the-art computer laboratories with 1090 computers with network. The Overall ratio of computers to students

is more than the number recommended as per AICTE norms. All the systems in the college campus are provided with LAN facility and WI-FI with 200 Mbps speed has been facilitated in the campus which will help the students to access internet very easily and very fast. Wi-Fi connectivity is provided in the administrative and academic areas. All departments, staff rooms and offices are provided with internet facilities for the convenience of students,

teachers and office staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

1290

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution **A. ? 50MBPS**

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

154507832

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The Institution has appointed staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, Equipment. Maintenance of Laboratory Equipment. Periodical check-up of equipment is carried out as per schedule by the lab in-charges.

Maintenance of Computers

Maintenance of computers is taken care by the System Administrators. Installation of antivirus and firewall ensure that the software and system are secured. Periodic maintenance is done by regular cleaning of the lab spaces, software updates, and antivirus updates etc.

Library Maintenance

Library maintenance continuously involves monitoring and verification of the bundles, displaying of new material on the display racks and arrangement of the books on the racks etc. will be done by the Library Assistants.

Sports Infrastructure Maintenance

Indoor and outdoor sports infrastructure facilities are properly maintained by the Physical Director throughout the year. Playgrounds, sports materials, and other field and gym equipment are also maintained regularly.

Maintenance of Power and water supply

Regular checkup and maintenance will be carried out by the Supervisors for providing fresh and filtered water to the entire institution. Electrician is responsible to carry out the supply and maintenance of Electricity to the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support****5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year****5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

2110

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

00

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and

A. All of the above

hygiene) ICT/computing skills

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**485****5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year****485**

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

408

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

04

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State

government examinations)**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year****03**

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year****5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.****04**

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

College creates a platform for the active participation of the students in the various academic & administrative bodies

including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. The student members bring forward the views and suggestions of the entire class with student members too. The composition of student members is of one topper, one average and one slow learner of each section who are nominated as the Student Council members which helps students to share ideas, interests, and concerns with lecturers, class representatives, for all the sections from I Year to Final Year.

These Student councils are majorly responsible for Identifying the need to address particular issues on priority base with respect to the committee.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

02

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

SACET Alumni Association is a registered Association. The institute has a well networked alumni association spread over various parts of the world. The institution has alumni portal in its Website to collaborate with the alumni. The institution collaborates with the alumni by arranging alumni meets every year. All departments have an alumni faculty coordinator who keeps record of the alumni and communicates with them through e-mail. The members of Alumni Association regularly interact with the Principal, HODs, Faculty and TPO regarding the need of the Institution and their expectations from alumni. The members of the institution administration and the

senior faculty of all the departments participate in the annual or semi-annual alumni meetings on invitation and seek their advice and support for the development of the Institution. The Departments seek the opinion / suggestions of alumni on various developmental Activities by sending mails to them and requesting them to fill the form supplied in this regard. One of the objectives of the association is to develop a mutually supportive relationship with alumni and to encourage lifelong learning and continued growth of the alumni and at the same time provide opportunities to contribute in their own way to their Alma mater.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Governance of the institution is reflective of an effective

leadership: The Principal is the Academic Head of the Institution and is aided by the Heads of the Departments, Finance Officer, Section Heads, and Conveners of other Committees. Internal Quality Assurance Cell (IQAC), Planning & Evaluation, Academic Section, Examination Branch, Research and Development (R&D), Counselling, Training and Placement (T&P) Cell, and Other Sections do take part in the governance of the College. The Head of the Institution ensure liberal, democratic and barrier free management in such a fashion that the services and ideas of all

the stakeholders do reflect for better achievement. The requirements and inputs in terms of monetary support to the Departments and Sections are identified by the Heads of the different and they will be routed through the Finance Committee for its opinion and comments to the concerned Heads and the Principal. Accordingly, the proposals are presented to the Governing Body for its approval. The faculty members at the departmental level are in several Committees/Bodies. The decisions/resolutions made in those Committees have direct bearing in the governance of the College.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institution has the culture of following decentralized governance system. There are various committees involving faculty. Committees are formed for the various curricular, co-curricular and extracurricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of Management for the benefit of Students and Faculty. The department decides on timetable, subject allocation, purchase of equipment and consumables, organizing guest lectures and workshops, recommend necessary industrial visits, implant trainings, MoUs and work to achieve its goals, vision and mission. The Institute has always been in favor of participative management and promotes a culture of participative management in the Institution. The decisions

and action plans suggested by teachers in various meetings like Principal & HODs meeting and Departmental meetings are conveyed to the Management through the Principal. The management ensures and render their approval on the opinions and suggestions made by faculty on implementing various action plans for the development of the Institution. The IQAC is involved in developing a quality system for conscious, programmed action to improve the academic and administrative performance of the institute.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan developed by the Planning and Evaluation Committee & IQAC, approved

by the Governing Body is adopted wherein the goals and action plans are aligned with the Institute's Vision and Mission. College Academic Committee discusses and executes developmental issues and best practices that positively impact teaching-learning process and

corrective measures for performance improvement. Teaching departments encourage interdisciplinary classes during tutorial sessions by faculty of departments. Special classes are arranged for students with rural background for improving their Communication Skills. All the relevant information regarding latest developments in college is made available in college website for the information to all stakeholders. Institute's Academic calendar is tailor-made according to the strategic plan drafted at the institute.

The envisioned features of the plan are:

To improve results of students and to produce more students with higher grades in academics.

To introduce industry relevant programs in association with leading industries through tie-ups.

To reinforce R & D.

To identify Value added courses to cater to the needs of Industry.

To Organize training programs to improve soft skills.

To Develop Entrepreneurial skills by EDC cell.

Serious efforts are made at the institute to materialize all the above mentioned objectives.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

SACET have a systematic and a decentralized administration which gives a directed working approach to take care of each and every stakeholder of the institute. The working methodology is basically student centric. The work culture has two aspects, one is the

transparency and the other is the involvement of every one in decision making. The administrative set up of the institution is illustrated below. Patron is the Chairman of the Governing Body. The Governing Body is responsible for Policy making and verifying the

reports through the Secretary. The decision making procedures are made at appropriate levels in the organizational hierarchy. Statutory bodies such as IQAC Cell, Anti-ragging Cell etc., as per the NAAC/university/ government guidelines are also included in the organizational structure of the institution.

There are different bodies that give academic and administrative leadership to the institution.

Service Rules:

The institution strictly follows the service rules according to the AICTE norms. The teaching and nonteaching faculty have the benefits of Casual Leaves, Earned Leaves, Medical Leaves and Maternity leaves etc., Recruitment takes place according to the norms of the University

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://sacet.ac.in/wp-content/uploads/2023/05/6.2.2b-INSTITUTION-ORGANOGRAM.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution has the following welfare measures for teaching and non-teaching staff:

Free medical facility for common ailments. Free Transport facility from all the corners of the City for teaching and non-teaching staff. Tuition fee concession for the children of non-teaching staff. Salary advances/festival advances for the needy staff.

ATM facility.

Maternity leave: 6 Months maternity leave is provided to women employee after completing the probation period.

Availability of Doctor: This facility is available for all staff and

students. Doctor is available as and when required.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

12

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

02

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

51

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A well-defined system for faculty appraisal is followed in the

Institution. This is done for all staff members of the institution. The Performance Appraisal forms submitted by the staff are evaluated by the HOD and finally by the Principal on the following parameters. Periodical reports that correspond to the teaching and learning activities of the faculty cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.

Faculty participation in research activities which enhance professional development. Faculty assistance in the Department, Institution in various academic matters and committees etc. Teaching, learning and evaluation related performance (number of theory, practical and tutorial hours conducted against the load given). Co-curricular, extension and professional development related activities. The performance of the non-teaching staff will be evaluated by the immediate officer of the concerned staff and counsel for serious setbacks. This Performance Appraisal System shall reveal an opportunity for every faculty member to know their strengths and weaknesses. The feedback for each staff, department wise is taken, formatted and sent to HoD. The Principal along with the HoDs discuss about the performance issues and implement the corrective measures.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Yes, the college has a well-structured mechanism of internal and external audit. Internal Audit: Expenses are incurred in accordance with the budget approved. An internal approval system is in practice for all the expenses made. Internal Audit is done by the college accounts section. External Audit Book of accounts are prepared as per statutory requirement and audited annually by external qualified Chartered Accountant. They Audit the college accounts. The Audited statement of accounts is posted in the college website.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The only source of funds to the college is the tuition fee paid by the students and tuition fee reimbursed by the AP State Govt. Academic departments, office, and other sections prepare their budget based on their requirements. Individual department's budget is scrutinized by the Principal. The college prepares yearly consolidated budget for allocation of funds for optimal utilization of available resources. The financial resources are monitored as per the Budget Proposal and Approved in the Governing Body Meeting. All purchases are made as per the standard procedure. Stock registers and maintenance registers are maintained by the Departments, sections and the Office. These are regularly audited by the internal auditors.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of the Institution is committed to enhance the quality in academic and administrative domains and meet the standards of institution as per NAAC guidelines. IQAC strategies are institutionalized for quality achievement, and enhancement to keep in pace with the expectations of stakeholders. IQAC has mechanism for ensuring implementation of all the policies, review and evaluation. Most of the quality initiatives of the institute are suggested by the IQAC. These initiatives are: Curriculum Enrichment and implementation Research practice and Enhancement of quality publications Community engagement Quality of Teaching, learning and evaluation Best practices Organizing workshops and seminars related to quality enhancement Accreditation and ranking Academic audits

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

1. IQAC periodically reviews the teaching learning process, methodologies of operations and learning outcomes: Based on the JNTUK (Affiliating University) Academic Calendar, Institute Level Academic Calendar is prepared before beginning of the semester, followed by the department level Calendars. Individual faculty members prepare Teaching plan along with correlation to the Course Outcomes (COs), Program Outcome (POs) and Program Specific Outcome (PSOs). It is verified by the Course Coordinator, HOD and Principal. Teaching plan, notes and question banks of both theory and lab courses are shared with the students, which is more beneficial to the slow learners. Periodic monitoring of attendance and performance of students. Student feedback is taken twice during a semester. Feedbacks are reviewed by HOD and Principal and based on it, constructive suggestions are communicated to respective faculty members.

2. Institutional audit is conducted for its teaching learning process, structures & methodologies of operations and learning outcomes. Institute believes that audits, both internal and external are to be conducted periodically to ensure effective implementation of academic policies for ensuring and sustaining quality. IQAC nominated Academic Audit Committee to evaluate effectiveness of delivering teaching methods using structured documents and procedures.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

"Respect for All" is one of the core values of St. Anns College of Engineering & Technology. As a measure of translating this core values into concrete action plans, the institution has taken several measures on the promotion of gender equity. In all its activities, the institution ensures the participation of women, Our institution has 40% of Women employees.

The institution constituted the committee as per norms laid by University/UGC (Prevention, prohibition and redressal of sexual harassment of women employees and students in higher educational institutions) Regulation, 2015. Named as Internal Complaint Committee, the Committee includes faculty members as well as student mentors. If any woman faculty, staff or girl student has any grievance, including any kind of harassment, the same can be brought to the notice of the Convener or any of the Committee Members for necessary action and redressal.

Specific facilities provided for women in terms of:

1. Safety and security:
2. Counseling:
3. Common Rooms: common rooms for female students.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<u>Separate Common rooms provided for both boys and girls. CC Camera are provided for continuous monitoring.</u>

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

NIL

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit
2. Energy audit
- 3.Environment audit
- 4.Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college has a tradition of celebrating some National, Regional, Cultural festivals and birth/death anniversary of great Indian personalities. National Festivals like Independence day, Republic day etc. are celebrated in our college in disciplined manners recalling the sacrifices of the freedom fighters.

Our College doesn't miss Engineer's day and teachers day celebration which is Birth anniversary of Sir Mokshagundam Visveswaraya. On this occasion competitions like debate, essay writing, quiz, poster presentation are conducted in that week and prizes are distributed on Engineer's day. Cultural Festivals like department fests, Send off to seniors parties etc. are celebrated with various cultural events, prize distribution to academic toppers and sports toppers of the department. In send off parties gifts to seniors in the remembrance of the juniors are also given. Students who are placed in various companies are appreciated and their experiences are shared with their juniors. Regional festival like Sankranti (Pongal) is celebrated with Rangoli competition. Girls students mostly participate in this competition draw various beautiful and colorful Rangoli Kolams on the College campus paths.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which sensitize the students about the constitutional obligations. The University has introduced a compulsory paper on the Constitution of India at Degree level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation .As a part of strengthening the democratic values. Also, all students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of

A. All of the above

Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Celebrating national and International commemorative days in our institution has become an integral part of learning and building a strong cultural belief. Apart from classroom learning, our institution encourages students to celebrate national and International with great zeal and enthusiasm. Keeping its values intact, our institution wishes to offer the right kind of educational system which is based on moral ethics which guides them the right platform where they will work towards becoming a responsible citizen. When students are exposed to the essence events in various ways, their performance turns out to be innovative and unique way. Some of the days celebrated in our institution are Independence Day, Republic Day, Yoga Day and Women's Day. At the same time, it is a great way to understand the rich heritage of India and learn about the importance of various festivals. Along with enthusiasm and fun for the activities, qualities like sensitivity, creativity and togetherness are also inculcated in the students. The experience this joy of festivals truly enhances the Indian culture. Such celebrations bring the students closer to each other's traditions and cultural beliefs and develop respect and understanding for each other's customs and tradition.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

1. Title of the Practice:

A. Mentoring system for students

2. Objectives of the Practice:

To minimize dropouts, improve performance and reduce stress of the students through personal counseling.

3. Advantages:

Better results in the examinations, improved attendance, less drop outs, increased participation in co-curricular and extra-curricular activities,

2. Title of Best Practice

B. Some Improvements in the existing Teaching - Learning Process

2. Objectives of the Practice:

- To ensure the completion of syllabus according to the academic calendar of College
- To encourage teachers to adapt to advance pedagogical methods including ICT adoption in class room teaching
- To improve pass percentage, average marks in each semester and enhance the number of ranks bagged by the college at the university level examinations
- To increase the placement of college as quality of students would be improved

3. Advantages

All the teachers have adopted modern pedagogic styles and ICT in their classes.

- Appropriately paced and timely completion of syllabus.
- Increased attendance in the classes.
- Improvement in results.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

ADVANCED MACHINING LABORATORY

The department is supported by an advanced machining laboratory equipped with computer numerical control milling machine and lathe provided by Andhra Pradesh State Skill Development Centre worth of one crore rupees (approximately) to upgrade the machining skills of the students, also gives hands on experience to make the students industry ready and to ignite entrepreneurship attitude in the domain of production and manufacturing. The laboratory provides good practical exposure, research activities for both students and faculty. The laboratory is a handy tool for the department to move towards revenue generation for the institute in solving the problems of the local industry by providing them the components required with high dimensional accuracy.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

St. Ann's College of Engineering & Technology is an affiliated institution under JNT University and follows the scheme and syllabus prescribed by the university. Faculty members give feedback about the syllabus in the Board of Studies meetings organized by the university. However, the curriculum is prepared by the institution in line with the institution's vision and mission.

Curriculum Planning:

Based on the academic calendar given by the university the college prepares its academic calendar along with various co-curricular and extra-curricular activities. The following documents are prepared accordingly.

- Time table of the Department integrated with the Master Timetable
- Strategic Perspective Plan (SPP) of the Departments and budget requirements besides the SPPs of all the Cells and Clubs.
- Workload and faculty requirements for the upcoming academic year.
- Bridge course / Remedial Intervention strategies / Certification course, Syllabus and Curriculum
- Curriculum Plan, Deployment Strategy and curriculum delivery tools.

Curriculum Implementation:

The planned curriculum is deployed to the students by following conventional and modern techniques like ICT etc.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The Institution follows the university academic calendar. In addition, at the start of each academic year, the institution creates an Academic Calendar that lists all of the curricular and extracurricular activities that will be held by the college, both at the faculty and student levels. It is posted on the college website and on the notice board so that students can learn about our semester plan online, and a copy is given to the H.O.D.s and Coordinators so that they can plan their activities. This assures curriculum enrichment through activities such as expert talks, extension activities, and industry-academic interaction. The academic calendar for the current academic session was prepared and followed for the conduct of examinations and other activities. Calendar of Examinations: The Examination Committee creates the examination calendar in accordance with the University Circular. Our examination committee notifies the date and hour as soon as the University announces the examination schedule. The college was required to adopt these examination dates because the University of JNTUK held semester-end examinations for all courses in 2021-22. An IQAC Calendar is also created, which lists activities aimed at maintaining and improving quality at the college.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

A. All of the above

Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

15

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

06

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

525

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

In order to combine the cross cutting issues like gender sensitization, Environment Sustainability, Human Values and Professional Ethics, at SACET, Students are nurtured to develop other attributes, like gender equity and sustainability in academics. The institution is following JNTUK curriculum. The efforts made by the Institution to integrate the cross cutting issues are:

Gender Sensitization

Environment Sustainability

Human Values and Professional Ethics

Gender Sensitization:

The institution has a responsibility to build gender sensitivity among the students and staff. The value of gender equity needs to be integrated in the learning process through curriculum. Equal

opportunities are given to both the genders in terms of admissions, employment, training programs, sports activities etc.,

Environment Sustainability

At present, we are living in a well-developed technological world. Technology has constructive results as well as adverse impact on our environment. There is an immense need to create awareness among the stakeholders regarding the need to sustain and preserve environment and make technology go hand in hand with the ecology rather than hamper it.

Human Values and Professional Ethics

JNTUK has introduced a subject titled 'Human Values and Professional Ethics' for B.Tech students, so that they can imbibe and practice human values.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

365

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

853

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	https://docs.google.com/forms/d/e/1FAIpQLSeFJevbumiTzWNS40aOcV-GfYGL8ozHzi3L6pLlJsdiQjn1YA/viewform?usp=sf_link
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://docs.google.com/forms/d/e/1FAIpQLSeFJevbumiTzWNS40aOcV-GfYGL8ozHzi3L6pLlJsdiQjn1YA/viewform?usp=sf_link

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1122

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

717

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The participation of the students in class room discussions, performance in class tests, class room seminars, class committee meetings and feedbacks measure their learning abilities and identify slow learners and advanced learners.

Assisting slow learners: In a class, students are divided into groups and Mentors (faculty members) are assigned to every group right from I year to IV year. In view of Counseling the faculty members suggest /guide the students in curriculum. Tutorials, lab classes, video lectures and personal attention by concerned faculty. The mentor will be in touch with the student parents and frequently calls the student to update the status of his/her ward. Remedial classes are conducted in courses where failures are more in external exams.

Advanced learners: They are motivated to strive for higher goals. They are provided with additional inputs for better career planning and growth like: Offering special coaching like Campus recruitment training. Students are encouraged to be members of professional bodies like IE, IETE and organize technical events. Advising to participate in group discussions, technical quizzes to develop analytical and problem-solving abilities in them.

File Description	Documents
Paste link for additional information	https://sacet.ac.in/c2/
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3411	223

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Teaching-learning methods adopted by the faculty members include:

Lecture method: - This conventional method is commonly adopted by all the teachers of a text only for better understanding of the subject by the learners.

Interactive method:- The faculty members make learning interactive with students by motivating student participation in group discussion, role-play, subject quiz, educational games, discussion

and questions and answers on current trends. **ICT Enabled Teaching:-** ICT enabled teaching includes Wi-Fi enabled class rooms with LCD, Language Lab, Smart Class rooms, E-learning resources.

Group Learning Method: Group Learning allows the slow learners to develop problem solving, interpersonal, presentational and communication skills to confirm quality in learning with Peer Group.

Project- based learning:-

- Certain courses related to Computer Science, demand project

based Learning.

Experiential learning:-

· The faculty members foster learning environment by engaging in rich experiential content of teaching through experience.

.

Student Seminars:- The Student seminars are organized where in the papers are presented by students on contemporary topics to enrich their learning experience.

Summer training Project:- Summer training are considered as an important career stepping stone for CSE students.

Summer training teaches valuable on-the-job skills and provides excellent networking opportunities to the students.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Teachers are combining technology with traditional mode of instruction to engage students in long term learning. College uses Information and Communication Technology (ICT) in education to support, enhance, and optimize the delivery of education.

The following tools are used by the department ICT Tools:

1. Projectors- 11 projectors are available in different classrooms/labs

2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the department.

3. Printers- They is installed at Labs, HOD Cabins and all prominent places.

4. Photocopier machines – Multifunction printers are available at department office.
 5. Scanners- Multifunction printers are available at department office.
 6. Seminar Room- seminar hall is equipped with all digital facilities
 7. Smart TVS- Smart TVS are installed in the campus.
 8. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
 9. Online Classes through Microsoft Team, Zoom, Google Meet, Google Classroom
 10. MOOC Platform (NPTEL, spoken Tutorials, Coursera, Udemy, Edx etc)
 11. Digital Library resources (DEL NET, IEEE explorer etc)
- Use of ICT By Faculty**

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

139

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

223

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

37

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

1480	
File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File
2.5 - Evaluation Process and Reforms	
2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.	
<p>According to the guidelines of the JNTUK, 2 internal exams are required and the scores obtained must be entered on the university's web portal within the allotted time. The following steps are taken to make the test fair and also to make the assessment transparent</p> <p>and robust for the students:</p> <ul style="list-style-type: none"> · Examination branch conducts the Internal tests following the guidelines given by University · Department conducts assignments and lab internals · Internal Assessment is done by Offline Descriptive examination, Online Quiz Examination and offline assignments. · Internal and external examination marks are always accessible to the respective student through the Department. · The marks and attendance of the group of 20 students will be sent to concerned faculty mentor for the sake of appropriate counseling · Institute organizes parent teacher meet, once in a semester, where the parents are informed about the performance of their ward · Institute maintains utmost transparency in the examination and subsequent evaluation process. 	

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The institution has made efforts to ensure that students develop holistically and uses a system of Continuous Internal Evaluation to analyze students' abilities. We are associated with the University of JNTUK and follow the University's evaluation guidelines. The Institution administers two tests (offline and online) to evaluate students for Internal Assessments in accordance with University requirements. The University of JNTUK has implemented a Grading System, which awards 25 points for formative assessment and 75 points for summative assessment. Internal tests (20 points) are included in the formative method, as are attendance, behavior, leadership, assignments, and active involvement in the classroom (5 marks). The University has established a pattern for summative evaluation. After the evaluation of any sessional examination, the results are examined using the mean and median of marks. Monitoring each student's progress using 'counseling sheets,' with the goal of

boosting their performance using single and double backlogs. Slow learners are provided with additional guidance for subsequent tests. We send parents progress reports and SMS alerts regarding their children's progress. Apart from academics, the institution encourages students to participate in a variety of extracurricular and co-curricular activities organized by the college's numerous

committees, clubs, and forums.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are

stated and displayed on website and communicated to teachers and students.

1. Engineering knowledge
2. Problem analysis
3. Design/development of solutions
4. Conduct investigations of complex problems
5. Modern tool usage
6. The engineer and society
7. Environment and sustainability
8. Ethics
9. Individual and team work
10. Communication
11. Project management and finance
12. Life-long learning

Course Outcomes of Antennas and wave propagation

1. Identify basic antenna parameters and understand working principles of antennas
2. Quantify the fields radiated by various types of antennas
3. Design and analyze antenna arrays
4. Design and analyze wire antennas, loop antennas, reflector antennas, lens antennas, horn antennas and microstrip antennas
5. Analyze antenna measurements to assess antennas performance and identify the characteristics of different types of antennas
6. Get a deep insight into the radio wave propagation and the basic mechanism

Course Outcomes of pulse and digital circuits

After the successful completion of the course student should be able to:

CO1: Design different RC differentiator and integrator circuits.

CO2 : Design clipper and clamper circuits..

CO3 : Design of various logic gates.

CO4 : Analyze the Mono stable and Astable Multi-vibrator circuits..

CO5 Analyze the Bistable Multi-vibrator circuits..

CO6: understand the principles of voltage time base generator circuits and sampling gates

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

- **Direct assessment will be carried out as per the guidelines prescribed by the affiliating university, JNTUK.**
- **Direct assessment is divided as internal examinations for 30 marks and external examinations for 70 marks.**
- **Internal examinations for all theory and laboratory courses for 30 and 25 marks respectively.**
- **External examinations will be conducted by the University for 70 marks for all theory courses and 50 marks for all laboratory courses**
- **Results of internal and external examinations will be taken as input for the calculation of attainment. Evaluation of**

attainment of POs and COs 1) A threshold is set to assess the students' performance based on the result of previous academic year for the course (Assumed threshold is 50%) 2) Total marks from each component is calculated (Assume it as R1) 3) Calculate no. of students attempted the exam (Assume it as R2) 4) Calculate weighted Average marks using (Average Marks $R3=R1/R2$) 5) Find number of students on or above threshold ($R4=(R3>Target\ Marks)$) 6) Attainment achieved by students ($R5$ is Average of Mid-I and Mid-II) 7) Calculate % of students attained: $M=R5/R2$ 8) Repeat the same procedure for Assignment (A) and Quiz (Q). 9) Calculate the CO attainment as $(0.15*M+0.1*Q+0.05*A)$.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

425

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[Nil](#)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

621349/-

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

05

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has created an eco system consisting of the following facilities for innovations and for creation and transfer of knowledge.

- **SIEMENS advanced lab**
- **AP STATE SKILL DEVELOPMENT CENTER**
- **e-Yantra lab of ECE department**
- **JNTUK Research centers of ECE, CSE and ME departments**
- **EDD cell of ECE department**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

01

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

38

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and

papers in national/ international conference proceedings year wise during year

02

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The institution extends research culture through college neighborhood network to fulfill social responsibility. Issues related to Environment and Sustainability are taken care in the curriculum through courses such as Environmental Studies. Students are motivated to do innovative projects which solve social problems and meet the essential needs with academic projects. As a part of the extension activities which emphasizes community services, N.S.S. Unit provides free medical aid; supplies food for the people who are affected during natural calamities like flood, heavy storm, etc. NSS unit has undertaken the variety of Activities which directly benefit the Society and the people. We have our NSS unit with 100 enthusiastic volunteers who are always ready to take up any Service Activity. Apart from this, our NSS unit is organizing Swachh Bharath and Plastic Free Campus activities, Blood Donation camps, free medical camps, World Important days celebrations in and around the college campus and also in adopted village.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

15

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

370

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

90

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

01

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

The College encompasses a well maintained lush green campus spread over 24.30 acres to of land ensuring adequate availability and optimal utilization of physical infrastructure for teaching learning activities.

Classrooms: college encompasses sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes.

Technology Enabled learning facility: The College has ICT Classrooms where the provision of Multimedia learning, Wi-Fi connectivity and internet access is given.

Seminar Hall: The College has multiple seminar halls.

Laboratories: All laboratories are well equipped with state of the art equipment and facilities. All the laboratories are established as per AICTE and JNTUK norms. These labs are utilized for conducting practical classes as per the requirements of the curriculum. Labs are also utilized for technology learning & training as a part of teaching contents beyond the syllabus. Labs have sufficient licensed software and open source tools to cater the requirements of

curriculum & industry enabled teaching. **Wi-Fi:** The entire campus is Wi-Fi enabled with 24/7 internet facilities to the students and staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

It has adequate facilities for sports, games and cultural activities. The total area of sports and games fields is 8 acres. St. Ann's College of Engineering and Technology has large Playgrounds with provision for multiple games, such as, Athletics, Cricket, Football, Hockey, Volleyball, and Kho-Kho Indoor and outdoor badminton courts and gymnasium are available.

Major cultural events are organized at Main Auditorium. Facilities for outdoor and indoor sports and games that include badminton, volleyball, carom, table tennis and chess, Gymnasium and cultural activities also exist in the Girls and Boys Hostels. Intra-faculty and inter-faculty games and sports competitions are organized regularly every year for students. Students are specially trained for participation in D- Zone and Inter-University competitions organized by the Association of Indian Universities and sports events outside the campus St. Ann's College of Engineering and Technology has excelled at these events by winning prizes and awards in individual and group events. Special classes on self-defense are organized specially for female students. National Independence Day and Republic Day are celebrated in the Institute. Students present cultural programmes on the Independence Day and in National and International Conferences organized by the Institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

86

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

35860902

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Library supports the institution and its stakeholder by providing seamless access to the widest possible spectrum of information resources such as digital, online databases, print and

non-print materials relevant to the curricular, informational and innovative research needs of the academic community. To provide college students with the information they need to achieve their highest academic potential and help them to acquire research skills necessary for lifelong learning. To support teaching faculty & administrative staff and to

participate in interactive information to exchange within the wider library / educational community.

· Name of ILMS software - IDENIZEN SOLUTIONS PVT LIMITED, BANGALORE

· Nature of automation (fully or partially)-PARTIALLY

· Version -SMART CAMPUS

Year of Automation-2008

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

1222536

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

224

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Students of SACET are privileged to have unlimited access to the computer labs. The laboratories are equipped with internet facilities. We have state-of-the-art computer laboratories with 1090 computers with network. The Overall ratio of computers to students

is more than the number recommended as per AICTE norms. All the systems in the college campus are provided with LAN facility and WI-FI with 200 Mbps speed has been facilitated in the campus which will help the students to access internet very easily and very fast. Wi-Fi connectivity is provided in the administrative and academic areas. All departments, staff rooms and offices are provided with internet facilities for the convenience of students,

teachers and office staff.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers**1290**

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)****4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)****154507832**

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The Institution has appointed staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, Equipment. Maintenance of Laboratory Equipment. Periodical check-up of equipment is carried out as per schedule by the lab in-charges.

Maintenance of Computers

Maintenance of computers is taken care by the System Administrators. Installation of antivirus and firewall ensure that the software and system are secured. Periodic maintenance is done by regular cleaning of the lab spaces, software updates, and antivirus updates etc.

Library Maintenance

Library maintenance continuously involves monitoring and verification of the bundles, displaying of new material on the display racks and arrangement of the books on the racks etc. will be done by the Library Assistants.

Sports Infrastructure Maintenance

Indoor and outdoor sports infrastructure facilities are properly maintained by the Physical Director throughout the year. Playgrounds, sports materials, and other field and gym equipment are also maintained regularly.

Maintenance of Power and water supply

Regular checkup and maintenance will be carried out by the Supervisors for providing fresh and filtered water to the entire institution. Electrician is responsible to carry out the supply and maintenance of Electricity to the campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

2110

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

00

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

485

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

485

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

408

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

04

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

03

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

04

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

College creates a platform for the active participation of the students in the various academic & administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. The student members bring forward the views and suggestions of the entire class with student members too. The composition of student members is of one topper, one average and one slow learner of each section who are nominated as the Student Council members which helps students to share ideas, interests, and concerns with lecturers, class representatives, for all the sections from I Year to Final Year.

These Student councils are majorly responsible for Identifying the need to address particular issues on priority base with respect to the committee.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

02

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

SACET Alumni Association is a registered Association. The institute has a well networked alumni association spread over various parts of the world. The institution has alumni portal in its Website to collaborate with the alumni. The institution collaborates with the alumni by arranging alumni meets every year. All departments have an alumni faculty coordinator who keeps record of the alumni and communicates with them through e-mail. The members of Alumni Association regularly interact with the Principal, HODs, Faculty and TPO regarding the need of the Institution and their expectations from alumni. The members of the institution administration and the

senior faculty of all the departments participate in the annual or semi-annual alumni meetings on invitation and seek their advice and support for the development of the Institution. The Departments seek the opinion / suggestions of alumni on various developmental Activities by sending mails to them and requesting them to fill the form supplied in this regard. One of the objectives of the association is to develop a mutually supportive relationship with alumni and to encourage lifelong learning and continued growth of the alumni and at the same time provide opportunities to contribute in their own way to their Alma mater.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)

D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Governance of the institution is reflective of an effective leadership: The Principal is the Academic Head of the Institution and is aided by the Heads of the Departments, Finance Officer, Section Heads, and Conveners of other Committees. Internal Quality Assurance Cell (IQAC), Planning & Evaluation, Academic Section, Examination Branch, Research and Development (R&D), Counselling, Training and Placement (T&P) Cell, and Other Sections do take part in the governance of the College. The Head of the Institution ensure liberal, democratic and barrier free management in such a fashion that the services and ideas of all

the stakeholders do reflect for better achievement. The requirements and inputs in terms of monetary support to the Departments and Sections are identified by the Heads of the different and they will be routed through the Finance Committee for its opinion and comments to the concerned Heads and the Principal. Accordingly, the proposals are presented to the Governing Body for its approval. The faculty members at the departmental level are in several Committees/Bodies. The decisions/resolutions made in those Committees have direct

bearing in the governance of the College.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institution has the culture of following decentralized governance system. There are various committees involving faculty. Committees are formed for the various curricular, co-curricular and extracurricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of Management for the benefit of Students and Faculty. The department decides on timetable, subject allocation, purchase of equipment and consumables, organizing guest lectures and workshops, recommend necessary industrial visits, implant trainings, MoUs and work to achieve its goals, vision and mission. The Institute has always been in favor of participative management and promotes a culture of participative management in the Institution. The decisions and action plans suggested by teachers in various meetings like Principal & HODs meeting and Departmental meetings are conveyed to the Management through the Principal. The management ensures and render their approval on the opinions and suggestions made by faculty on implementing various action plans for the development of the Institution. The IQAC is involved in developing a quality system for conscious, programmed action to improve the academic and administrative performance of the institute.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The strategic plan developed by the Planning and Evaluation Committee & IQAC, approved

by the Governing Body is adopted wherein the goals and action plans are aligned with the Institute's Vision and Mission. College Academic Committee discusses and executes developmental issues and best practices that positively impact teaching-learning process and

corrective measures for performance improvement. Teaching departments encourage interdisciplinary classes during tutorial sessions by faculty of departments. Special classes are arranged for students with rural background for improving their Communication Skills. All the relevant information regarding latest developments in college is made available in college website for the information to all stakeholders. Institute's Academic calendar is tailor-made according to the strategic plan drafted at the institute.

The envisioned features of the plan are:

To improve results of students and to produce more students with higher grades in academics.

To introduce industry relevant programs in association with leading industries through tie-ups.

To reinforce R & D.

To identify Value added courses to cater to the needs of Industry.

To Organize training programs to improve soft skills.

To Develop Entrepreneurial skills by EDC cell.

Serious efforts are made at the institute to materialize all the above mentioned objectives.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

SACET have a systematic and a decentralized administration which gives a directed working approach to take care of each and every stakeholder of the institute. The working methodology is basically student centric. The work culture has two aspects, one is the

transparency and the other is the involvement of every one in decision making. The administrative set up of the institution is illustrated below. Patron is the Chairman of the Governing Body. The Governing Body is responsible for Policy making and verifying the

reports through the Secretary. The decision making procedures are made at appropriate levels in the organizational hierarchy. Statutory bodies such as IQAC Cell, Anti-ragging Cell etc., as per the NAAC/university/ government guidelines are also included in the organizational structure of the institution.

There are different bodies that give academic and administrative leadership to the institution.

Service Rules:

The institution strictly follows the service rules according to the AICTE norms. The teaching and nonteaching faculty have the benefits of Casual Leaves, Earned Leaves, Medical Leaves and Maternity leaves etc., Recruitment takes place according to the norms of the University

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	https://sacet.ac.in/wp-content/uploads/2023/05/6.2.2b-INSTITUTION-ORGANOGRAM.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff

The institution has the following welfare measures for teaching and non-teaching staff:

Free medical facility for common ailments. Free Transport facility from all the corners of the City for teaching and non-teaching staff. Tuition fee concession for the children of non-teaching staff. Salary advances/festival advances for the needy staff.

ATM facility.

Maternity leave: 6 Months maternity leave is provided to women employee after completing the probation period.

Availability of Doctor: This facility is available for all staff and

students. Doctor is available as and when required.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

12

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

02

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

51

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

A well-defined system for faculty appraisal is followed in the Institution. This is done for all staff members of the institution. The Performance Appraisal forms submitted by the

staff are evaluated by the HOD and finally by the Principal on the following parameters. Periodical reports that correspond to the teaching and learning activities of the faculty Cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.

Faculty participation in research activities which enhance professional development. Faculty assistance in the Department, Institution in various academic matters and committees etc. Teaching, learning and evaluation related performance (number of theory, practical and tutorial hours conducted against the load given). Co-curricular, extension and professional development related activities. The performance of the non-teaching staff will be evaluated by the immediate officer of the concerned staff and counsel for serious setbacks. This Performance Appraisal System shall reveal an opportunity for every faculty member to know their strengths and weaknesses. The feedback for each staff, department wise is taken, formatted and sent to HoD. The Principal along with the HoDs discuss about the performance issues and implement the corrective measures.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Yes, the college has a well-structured mechanism of internal and external audit. Internal Audit: Expenses are incurred in accordance with the budget approved. An internal approval system is in practice for all the expenses made. Internal Audit is done by the college accounts section. External Audit Book of accounts are prepared as per statutory requirement and audited annually by external qualified Chartered Accountant. They Audit the college accounts. The Audited statement of accounts is posted in the college website.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The only source of funds to the college is the tuition fee paid by the students and tuition fee reimbursed by the AP State Govt. Academic departments, office, and other sections prepare their budget based on their requirements. Individual department's budget is scrutinized by the Principal. The college prepares yearly consolidated budget for allocation of funds for optimal utilization of available resources. The financial resources are monitored as per the Budget Proposal and Approved in the Governing Body Meeting. All purchases are made as per the standard procedure. Stock registers and maintenance registers are maintained by the Departments, sections and the Office. These are regularly audited by the internal auditors.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC of the Institution is committed to enhance the quality in academic and administrative domains and meet the standards of institution as per NAAC guidelines. IQAC strategies are institutionalized for quality achievement, and enhancement to keep in pace with the expectations of stakeholders. IQAC has mechanism for ensuring implementation of all the policies, review and evaluation. Most of the quality initiatives of the institute are suggested by the IQAC. These initiatives are: Curriculum Enrichment and implementation Research practice and Enhancement of quality publications Community engagement Quality of Teaching, learning and evaluation Best practices Organizing workshops and seminars related to quality enhancement Accreditation and ranking Academic audits

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

1. IQAC periodically reviews the teaching learning process, methodologies of operations and learning outcomes: Based on the JNTUK (Affiliating University) Academic Calendar, Institute Level Academic Calendar is prepared before beginning of the semester, followed by the department level Calendars. Individual faculty members prepare Teaching plan along with correlation to the Course Outcomes (COs), Program Outcome (POs) and Program Specific Outcome (PSOs). It is verified by the Course Coordinator, HOD and Principal. Teaching plan, notes and question banks of both theory and

lab courses are shared with the students, which is more beneficial to the slow learners. Periodic monitoring of attendance and performance of students. Student feedback is taken twice during a semester. Feedbacks are

reviewed by HOD and Principal and based on it, constructive suggestions are communicated to respective faculty members.

2. Institutional audit is conducted for its teaching learning process, structures & methodologies of operations and learning outcomes. Institute believes that audits, both internal and external are to be conducted periodically to ensure effective implementation of academic policies for ensuring and sustaining quality. IQAC nominated Academic Audit Committee to evaluate effectiveness of delivering teaching methods using structured documents and procedures.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

"Respect for All" is one of the core values of St. Anns College of Engineering & Technology. As a measure of translating this core values into concrete action plans, the institution has taken several measures on the promotion of gender equity. In all its activities, the institution ensures the participation of women, Our institution has 40% of Women employees.

The institution constituted the committee as per norms laid by University/UGC (Prevention, prohibition and redressal of sexual harassment of women employees and students in higher educational institutions) Regulation, 2015. Named as Internal Complaint Committee, the Committee includes faculty members as well as student mentors. If any woman faculty, staff or girl student has any grievance, including any kind of harassment, the same can be brought to the notice of the Convener or any of the Committee Members for necessary action and redressal.

Specific facilities provided for women in terms of:

1. Safety and security:
2. Counseling:
3. Common Rooms: common rooms for female students.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Separate Common rooms provided for both boys and girls. CC Camera are provided for continuous monitoring.
7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above
File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded
7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management	
NIL	
File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File
7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste	A. Any 4 or all of the above

water recycling Maintenance of water bodies and distribution system in the campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. Restricted entry of automobiles 2. Use of bicycles/ Battery-powered vehicles 3. Pedestrian-friendly pathways 4. Ban on use of plastic 5. Landscaping	A. Any 4 or All of the above
File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college has a tradition of celebrating some National,

Regional, Cultural festivals and birth/death anniversary of great Indian personalities. National Festivals like Independence day, Republic day etc. are celebrated in our college in disciplined manners recalling the sacrifices of the freedom fighters.

Our College doesn't miss Engineer's day and teachers day celebration which is Birth anniversary of Sir Mokshagundam Visveswaraya. On this occasion competitions like debate, essay writing, quiz, poster presentation are conducted in that week and prizes are distributed on Engineer's day. Cultural Festivals like department fests, Send off to seniors parties etc. are celebrated with various cultural events, prize distribution to academic toppers and sports toppers of the department. In send off parties gifts to seniors in the remembrance of the juniors are also given. Students who are placed in various companies are appreciated and their experiences are shared with their juniors. Regional festival like Sankranti (Pongal) is celebrated with Rangoli competition. Girls students mostly participate in this competition draw various beautiful and colorful Rangoli Kolams on the College campus paths.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extra-curricular activities. Many of the subjects offered have topics which sensitize the students about the constitutional obligations. The University has introduced a compulsory paper on the Constitution of India at Degree level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. As a part of strengthening the democratic values. Also, all students take a course on Environment studies in their first year which gives them

insight into environment acts, wildlife protection act, forest act, global environmental concerns etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Celebrating national and International commemorative days in our institution has become an integral part of learning and building a strong cultural belief. Apart from classroom learning, our institution encourages students to celebrate

national and International with great zeal and enthusiasm. Keeping its values intact, our institution wishes to offer the right kind of educational system which is based on moral ethics which guides them the right platform where they will work towards becoming a responsible citizen. When students are exposed to the essence events in various ways, their performance turns out to be innovative and unique way. Some of the days celebrated in our institution are Independence Day, Republic Day, Yoga Day and Women's Day. At the same time, it is a great way to understand the rich heritage of India and learn about the importance of various festivals. Along with enthusiasm and fun for the activities, qualities like sensitivity, creativity and togetherness are also inculcated in the students. The experience this joy of festivals truly enhances the Indian culture. Such celebrations bring the students closer to each other's traditions and cultural beliefs and develop respect and understanding for each other's customs and tradition.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

1. Title of the Practice:

A. Mentoring system for students

2. Objectives of the Practice:

To minimize dropouts, improve performance and reduce stress of the students through personal counseling.

3. Advantages:

Better results in the examinations, improved attendance, less

drop outs, increased participation in co-curricular and extra-curricular activities,

2. Title of Best Practice

B. Some Improvements in the existing Teaching - Learning Process

2. Objectives of the Practice:

- To ensure the completion of syllabus according to the academic calendar of College
- To encourage teachers to adapt to advance pedagogical methods including ICT adoption in class room teaching
- To improve pass percentage, average marks in each semester and enhance the number of ranks bagged by the college at the university level examinations
- To increase the placement of college as quality of students would be improved

3. Advantages

All the teachers have adopted modern pedagogic styles and ICT in their classes.

- Appropriately paced and timely completion of syllabus.
- Increased attendance in the classes.
- Improvement in results.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

ADVANCED MACHINING LABORATORY

The department is supported by an advanced machining laboratory equipped with computer numerical control milling

machine and lathe provided by Andhra Pradesh State Skill Development Centre worth of one crore rupees (approximately) to upgrade the machining skills of the students, also gives hands on experience to make the students industry ready and to ignite entrepreneurship attitude in the domain of production and manufacturing. The laboratory provides good practical exposure, research activities for both students and faculty. The laboratory is a handy tool for the department to move towards revenue generation for the institute in solving the problems of the local industry by providing them the components required with high dimensional accuracy.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

- Proposed to apply for NIRF ranking in 2022.
- Apply to JNTUK for research centers for the departments of Civil, EEE, MCA and MBA.
- NBA Re-accreditation of B.Tech.-ECE, B.Tech-CSE programs.
- NBA Re-accreditation of B.Tech.-EEE, B.Tech-ME
- NBA accreditation of B.Tech-CIVIL programs.