

SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

**SRI SUNFLOWER COLLEGE OF ENGINEERING AND
TECHNOLOGY**

LANKAPALLI, GHANTALASALA MANDAL, KRISHNA DISTRICT ANDHRA
PRADESH

531131

www.sunflowercet.edu.in

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Sri Sunflower College Of Engineering And Technology was established in the year 2005, inspired by **our former President of India, Late. Sri APJ.ABDULKALAM's concept PURA** (Providing Urban Amenities to Rural Areas). It was inaugurated by the then Governor of Combined Andhra Pradesh, **SRI SUSHIL KUMAR SHINDE**. It is situated in Lankapalli, Krishna District, and Andhra Pradesh on the national highway 216. The Institute is affiliated to Jawaharlal Nehru Technological University, Kakinada, approved by AICTE New Delhi & Certified by ISO-9001:2005.

The organization is spread over an approximate area of 13.9 acres, enriched with greenery, nice pedestrian walkways and huge Neem trees enriched by the temple of Lord Ganesh.

Sri Sunflower College Of Engineering & Technology is a part of sun flower group of institutions which has completed 29 years of excellence. The group started with a small school in 1989 in Kosuru, To continue further in the higher education field it started two junior colleges in Challapalli named as Sri Sarada Sunflower Junior College and Sri Krishna Junior College and also Sri Sunflower Degree College.

Sunflower Group of Institutions has more than 5000 students and 600 employees.

The Chairperson of the College provides a direction to the long term and short term strategic plan of the college.

It offers 5 UG & 9 specializations in PG. The college is equipped with a state-of-the art digital library which has 3260 titles and 34090 volumes of books in addition to the national & international journals.

Curriculum planning also includes effective pedagogical tools and techniques, innovative teaching-learning methodologies, student centric classroom proceedings etc. It further integrates issues like gender, environmental sustainability, human values, ethics, social responsibilities to chisel out responsible citizenry etc.

The students in coordination with the staff organize a National level technical symposium named SUNFEST every year.

The recent achievement of the college is it has associated itself with **Andhra Pradesh State Skill Development Corporation (APSSDC)** to serve high quality skilled man power.

Sunflower inculcates social consciousness among its students through active forums such as MANAVA SEVA, YOUTH RED CROSS, NSS, and ECO CLUB etc.

Vision

To be an institution par excellence in providing professional education and chisel graduates with self-esteem, employability and good citizenry.

Mission

- To provide access to higher education that is quality embedded.
- To provide global edge in all the services provided in the college in its efforts to create empowered professionals.
- To imbibe skills and provide knowledge necessary for competence building.
- To include values and ethics among the students to make them capable of leading a happy, purposeful and fulfilled life.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Qualified and experienced faculty.
 - The college has associated with **Andhra Pradesh State Skill Development Corporation (APSSDC)**.
 - Well provided Infrastructure.
 - Organizing career guidance programs.
 - Pollution free environment with lush green trees.
 - Having Group of Institutions.
-
- Philanthropic support and cooperation from the management
 - Excellent academic performance.
 - Good placement record with consistency in reputed organizations.
 - Easy Accessibility (on national highway 216).
 - Good Industry- academia Partnership.
 - State-of the Art Digital Library.
 - Value added programmes.
 - Student teaching seminars.
 - Mentoring system to connect staff, students, parents and management.
 - Continuous non-monetary & monetary support from alumni in all aspects
 - Regular motivational training programmes.

Institutional Weakness

As an affiliated Institution, the College has its own limitation in areas like syllabus.

- Limited funded projects.
- Rural background students with low cut off marks.
- Downfall in the percentage of students opting for Engineering.
- Any natural calamity like flood or drought negatively affects the college in payment of fees due to the nature of agrarian society.

Institutional Opportunity

- An opportunity to extend and provide technical education to rural population.

- To reduce the gap between the rural and urban divide, by imparting quality education.
- To extend PG Courses.
- Transforming the students to make them industry ready.
- Providing value added courses
- Scope to generate revenue through sponsored research projects and consultancy works from various funding agency and industry.
- To promote skill development & Entrepreneurship in AP.

Institutional Challenge

- Heavy competition from other institutions for admitting students with good cut off marks.
- Admitting students with genuine interest in Engineering.
- Empowering students with enough skills to become employable in the most uncertain global job market.
- Creating awareness among parents to take responsibility in financing their wards education.
- Getting funds for Research & Development activities.
- Getting integrated courses to match the government initiatives like Digital India, Make in India etc.,
- Exposing the teaching faculty to the industrial scenario.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Institution was established with a noble idea of providing corporate standard facilities to rural areas in terms of imparting best technical education.

The college is affiliated to JNTU-Kakinada. Though the syllabus is prescribed by the University the curriculum planning is done after careful planning and meticulous preparation, guided by the Vision, Mission and Core values of the institution.

The IQAC initiates the curriculum planning which includes effective pedagogical tools and techniques, innovative teaching-learning methodologies, student centric classroom proceedings etc. It further integrates issues like Gender equity, Environmental sustainability, Human values, Ethics, & Social responsibilities to chisel out responsible citizenry. Students are encouraged to join value added courses, certified courses, undertake field projects and Internships to fill up the gap identified between the curriculum and industry need.

The feedback received from Students, Parents and Alumni are analyzed and appropriate action is initiated.

Teaching-learning and Evaluation

The institution has a diverse collection of students from different areas and categories. To provide a uniform platform which suits all the students having different learning levels, the institution conducts bridge courses, orientation programs, special motivational talks and lectures, so as to cater the need of diverse students and to improve the confidence level of the students. They are divided into advanced and slow learners to improve competency level of the students. Further, special measures are taken for slow learners by conducting remedial classes.

In teaching learning process, the institution encourages faculty members to use innovative teaching practices, ICT tools, animations, NPTEL videos, video clippings, and hands on training in laboratory sessions to make the students as self-reliant and self-sustained in their academic.

As well, students are encouraged to have brain storming sessions, quiz sessions, debate sessions, peer group teaching, mini project development, presentations to create a feeling of self-responsibility in learning.

The institution encourages faculty members to enrich themselves professionally by conducting faculty development programs inside the campus and availing on duty leave and financial support for participation in events conducted in reputed institutions.

Evaluation is done in a transparent way.

Research, Innovations and Extension

The institution has signed Memorandum of Understanding (MoU) with many pioneer industries and premier Research Organizations. It is notable that the institution has got recognition with Department of Scientific and Industrial Research (DSIR), for promoting research works and innovative project development. An innovation Centre has been established with the support of Foundation for Innovation and Collaborative Education (FICE). The institution takes effective measures to involve the students in extension activities and outreach program such as NSS to help and serve the neighbouring community and society. The institution organizes invited talks on Intellectual Property Rights and conferences to increase the number of quality research publications and patents.

Infrastructure and Learning Resources

The Institute strives to provide infrastructure and facilities necessary for conducive learning environment. Therefore, the institute has not only complied with regulatory requirement but exceeded the compliance. This is an effort to make the institute at par with the premier institutions at the national and international level. Moreover, it leads to fast adoption to corporate culture during the transition of the students from campus to corporate.

The Institute widely uses the latest technology in the classrooms as well as laboratories for effective teaching learning.

Library resources are made available to all the students well in time and meet the requirement of regulatory and affiliating body and also fulfil needs of the faculty and students for their active research. The institute widely uses the digital platforms for learning resources such as NPTEL, digital videos, power point presentation and various databases available from leading publication houses relevant to the engineering programmes.

The infrastructural facilities and the learning resources available at the institute make the institute as one of the leading institutes in Krishna District to provide quality education.

Student Support and Progression

The institution provides all sorts of support for the development of students.

Institution provides financial support for needy students, conducts Bridge courses, Soft skill development training, Career guidance programs, Guidance for competitive examinations, Mentor system for personal counselling, Value added courses to make the student as industry ready.

Views of the students as members in student council, library committee, cultural committee, sports committee are collected and considered for taking decisions on academic and administrative body of the institution. An active Placement cell in the institution brings more placement opportunities to the students.

To support the student welfare and safety, the institution is having active Students redressal committee, prevention of Sexual Harassment Committee, Anti Ragging Committee and Healthcare unit for the students.

Governance, Leadership and Management

Conceptualization of the college took place over a period of two years of consultations on Vision & Mission, choice of study programmes, human resource requirements, networking, fund raising and sustainability. Vision and Mission of the institution has been formulated in tune with objectives of higher education.

All courses at UG and PG levels are in perfect alignment with objectives of higher education and reflect academic excellence, employability skills and equip every student to be a responsible citizen.

The institute is having a clearly defined Organizational Structure and an Organogram. Inputs are received from all stakeholders on academic matters, administration, placements, infrastructure, etc.

Standard operating procedure is formulated for every domain activity, IQAC, and periodic audits. Feedbacks received from student council members are ploughed back for upgrading academic environment of the institution.

Decentralization is effectively practiced in all the departments in terms of academic and financial management.

The institute is maintaining an Up-to-date internal and external audited financial statement as per GOI norms.

For sustaining the Internal Quality of the institution, experts from Industry and Academia are involved as members in IQAC cell.

Institutional Values and Best Practices

- **Institutional Values:** The institution is very keen about sustaining the foundational parameters such as: gender sensitivity and equity, eco-consciousness, management of water resources and waste disposal, promotion of green practices, promotion of human values and professional ethics, patriotism and a sense of pride in the nation etc.

- **Best Practices:**

. “Manava Seva” (Serving Humanity)

The college strives to inculcate a sense of social responsibility through Manava Seva. Activities like Village adoption, conducting medical camps, Blood donation camps, organizing Career Counseling in government schools, Swachh Bharath, regular visit to old age home, providing basic necessary things for the poor and destitute old citizens in the Home & volunteering for various public management programs etc.

Mentoring system is started with a slogan “**WE ARE HERE TO MAKE YOU FEEL AT HOME**” to give personal attention to every student and enhance their academics, overcome psychological barriers, and help in character building and

Professional career guidance, which also act as a bridge between the teacher, student & parent.

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SRI SUNFLOWER COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	LANKAPALLI, GHANTALASALA MANDAL, KRISHNA DISTRICT ANDHRA PRADESH
City	Lankapalli
State	Andhra Pradesh
Pin	531131
Website	www.sunflowercet.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
IQAC Coordinator	G SAMBASIVA RAO	08671-258583	7674853646	08671-258588	profgssrao@gmail.com
Principal	B Karthikeyan	08671-258585	8500668031	08671-258355	naac.sunflowercet@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
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Date of establishment of the college	11-07-2005			
University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name		Document	
Andhra Pradesh	Jawaharlal Nehru Technological University,Kakinada		View Document	
Details of UGC recognition				
Under Section	Date		View Document	
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	LANKAPALLI, GHANTALASALA MANDAL, KRISHNA DISTRICT ANDHRA PRADESH	Rural	13.9	19631

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Computer Science And Engineering	48	Intermediate	English	120	67
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	120	1
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	180	29
UG	BTech,Mechanical Engineering	48	Intermediate	English	120	2
UG	BTech,Civil Engineering	48	Intermediate	English	120	5
PG	Mtech,Computer Science And Engineering	24	B.Tech	English	18	4
PG	Mtech,Computer Science And	24	B.Tech	English	18	0

	Engineering					
PG	Mtech,Electrical And Electronics Engineering	24	B.Tech	English	18	0
PG	Mtech,Electronics And Communication Engineering	24	B.Tech	English	18	1
PG	Mtech,Electronics And Communication Engineering	24	B.Tech	English	24	7
PG	Mtech,Mechanical Engineering	24	B.Tech	English	18	2
PG	Mtech,Mechanical Engineering	24	B.Tech	English	24	0
PG	Mtech,Civil Engineering	24	B.Tech	English	18	16
PG	Mtech,Civil Engineering	24	B.Tech	English	18	15

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	25				9				127			
Recruited	24	1	0	25	6	3	0	9	104	23	0	127
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				80
Recruited	45	35	0	80
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				27
Recruited	20	7	0	27
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	24	1	0	0	0	0	0	0	0	25
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	6	3	0	104	23	0	136

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Diploma	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
UG	Male	43	0	0	0	43
	Female	62	0	0	0	62
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	7	49	8	30
	Female	9	20	13	14
	Others	0	0	0	0
ST	Male	1	4	0	5
	Female	0	0	1	0
	Others	0	0	0	0
OBC	Male	33	111	95	75
	Female	11	32	110	62
	Others	0	0	0	0
General	Male	31	116	38	95
	Female	23	60	20	72
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		115	392	285	353

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response: 14

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
14	14	14	14	12

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
913	1172	1192	1393	1628

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
509	509	509	509	472

File Description	Document
Institutional data in prescribed format	View Document

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
190	348	306	377	431

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
161	193	191	171	150

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
161	193	191	171	150

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 45

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
127.94	130.98	118.32	359.48	393.24

Number of computers

Response: 650

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

The College is affiliated to JNTUK University. Though the syllabus is prescribed by the University, the Curriculum planning is done at the institution, after careful planning and meticulous preparation. The Curriculum prepared by the institution is guided by the Vision, Mission, Core Values and other social responsibilities that the institution has to discharge in tune with the national goals.

At the beginning of every academic year, the IQAC initiates the process of preparation of the Blueprints for Curriculum planning and deployment by every department. The Heads of the Departments convene meetings and prepare the curriculum planning and deployment blueprint well before the commencement of the academic year. Periodic meetings of the Heads are convened to review the process of implementation. Curriculum planning also includes effective pedagogical tools and techniques, innovative teaching-learning methodologies, student centric classroom proceedings etc. It further integrates issues like gender, environmental sustainability, human values, ethics, social responsibilities to chisel out responsible citizenry etc.

The institution ensures delivery of the curriculum in the following ways:

- The work load is allotted based on expertise and choice of the faculty.
- The faculty prepare the curriculum keeping the syllabus in mind and the vision, mission and national goals
- The curriculum planning is made to achieve graduate attributes among the students.
- Brain-storming sessions are conducted both at the department level and the IQAC level.
- The faculty prepare unit wise subjects notes According to the curriculum of JNTU, Kakinada.
- LCDs, Smart Boards, and ICT methods are being used.
- Curriculum delivery strategies also include the use of PPTs, You Tube videos, Role Play, Case study presentations, Group presentations, Syllabus based quiz program, Student seminars etc.

Course file has to be maintained by every faculty. It includes

- Academic calendar
- Student roll list
- Class time table
- Individual time table
- Syllabus copy
- Teaching plan
- Course objectives and outcomes
- Teaching notes
- Student Seminar topics

- University previous question papers
- Mid question papers
- University result analysis
- Students attendance register

Activities

- Theory classes and practical sessions start in compliance with the time table.
- Students' attendance is reviewed at the end of every month. The defaulters are counselled by the mentors and the same is informed to the parents.
- A review meeting is conducted once in a month, and feedback on the syllabus is taken from CRs.
- Periodic parent-teacher meetings are arranged to make the parents abreast of their ward's progress.
- After every semester, the activities are analysed and remedial and corrective measures are suggested for the next semester.
- Special Guest lectures are arranged to supplement the curriculum.
- DELNET, NPTEL, E-journals are provided in the library to supplement the syllabus with more advanced pedagogical support material and opportunities for effective curriculum interaction
- Student centric methods are used including peer teaching, peer learning, classroom quiz, group presentation etc.
- Teachers' feedback through discourses is collected and curricular interventions are made at the University level for further effectiveness.

File Description	Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 39

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
8	8	8	8	7

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years**Response:** 163.97

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
51	52	52	62	67

File Description**Document**

Details of participation of teachers in various bodies

[View Document](#)

Any additional information

[View Document](#)**1.2 Academic Flexibility****1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years****Response:** 35.71

1.2.1.1 How many new courses are introduced within the last five years

Response: 5

File Description**Document**

Minutes of relevant Academic Council/BOS meetings.

[View Document](#)

Details of the new courses introduced

[View Document](#)

Any additional information

[View Document](#)**1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented****Response:** 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 14

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 42.86

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
614	624	544	430	282

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Response:

- The Institution has a well laid out strategy and process of Curriculum development and deployment. At the beginning of the academic year, the IQAC mandates the preparation of curriculum plan blueprint and deployment strategies besides the tools that would be used as part of the pedagogy by the teachers during the classroom proceedings.
- Issues like Gender, Environment and sustainability, human values, professional ethics and a host of other issues in synchronization with the Vision and Mission of the Institution are subtly integrated into the curriculum through the meticulous planning that happens at the Department level and at the level of various Cells and Committees.
- The Women Empowerment and Prevention of Sexual Harassment Cell called SAKHI, integrates the activities with a view to create gender sensitivity, gender equity and respect for all people.
- Eco Club of the college called HARITHA conducts a host of activities, awareness programs, afforestation drives, interaction with the community to both learn and teach the stakeholders with regard to issues of environment, organic farming, need to discourage the use of Plastic etc. are

being done so as to sustain the values among the students for environment.

- Cultural Committee called BHARATHI conducts various programs on National integration, national values, culture, respect for diversity, constitution, love for humanity etc. and imbibes tolerance and mutual respect for humanity at large.
- Special Guest lectures and discussion forum are organized to build professionalism and professional ethics among the students.
- The Institution practices equity and equality of opportunity among all the students irrespective of caste, creed, regionalism, gender etc.
- Both male and female students are given equal representative in all Committees/forum etc.

Besides the curriculum also integrates these crosscutting issues through syllabus and pedagogy:

Core Papers:

S.No	DESCRIPTION OF THE PAPER	IMPACT
1	ENVIRONMENTAL STUDIES	Awareness on the social issues, environmental legislation and global treaties
2	PROFESIONAL ETHICS & HUMAN VALUES	Gains professionalism & self-confidence, understands human values & global issues
3	IPR&P	Creates awareness on Innovations and Inventions, make them understand the value patent laws

Non-Core Papers:

S.No	DESCRIPTION OF THE PAPER	IMPACT
1	Sunflower Life skills	To produce self-integrated and emotionally balanced students
2	Teaching seminars	Ability to understand the subject, overcome stage fear & develop communications.

File Description	Document
Any Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 87

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 87

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 19.39

1.3.3.1 Number of students undertaking field projects or internships

Response: 177

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

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

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.28

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	15	0	0	0

File Description

Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 34.82

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
120	395	285	353	463

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
966	966	966	966	846

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years**Response:** 36.81

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
62	216	227	186	228

File Description**Document**

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)**2.2 Catering to Student Diversity****2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners****Response:**

The admissions to various courses are made by the Andhra Pradesh Government through Online counselling after the written examination system called APEAMCET, APECET, and APPGECET. After the admission of the students, the College has to conduct pre-admission counselling, followed by the assessment of the learning levels of the students. Yes, the institution assesses the learning levels of the students in the aftermath of the admissions based on the marks in the qualifying examination and the CET rank secured in the Common Entrance Test conducted by Government of Andhra Pradesh. Two separate lists of students called 'Advanced Learners' and 'Slow Learners' are prepared and circulated among the Departments for strategizing and identifying specific tools to cater to the student diversity. 90% of students come from rural background and 50% of students come from poor socio-economic background. Hence the College has the practice of drawing customized strategies for advanced learners and slow learners.

Bridge Course: The IQAC heralds the beginning of the Academic Year with its mandate for the Departments to prepare the curriculum for the Bridge Course and the deployment of the same for the benefit of all the students. The Bridge course is conducted for all the students as per the curriculum approved and the time-table that is notified. Soon after the Bridge Course, the teachers would be able to draw clear inference on the learning abilities of the students and the need to bridge the gap in the process if any.

Orientation Program: Students are acclimatized through the Orientation program which provides an opportunity for the students to acclimatize themselves with the Ethos and the eco-system of the institution. Information about various scholarships, Cells, Clubs, Committees etc is provided besides details regarding

Vision, Mission, Core Values, Examination System and methodology besides the timelines, internal marks system, Lab manuals and manners, issues of safety and security, imposition on the sexual harassment and ragging etc are notified.

Remedial Classes:

Enrichment Programs:

- Spoken English for Rural background students.

- Programs/Initiatives for Advanced Learners:
 - Peer Teaching.
 - Encourage to organize the events in the college level.
 - Encourage to participate in various intra college competitions.
 - Classroom Seminar and quiz Organization.
 - Organizing Power Point Presentation.
 - Special classes on GATE/GRE/TOFEL are provided.

- Programs/Initiatives for Slow Learners:
 - Peer Learning
 - Classroom Seminars participation
 - Classroom Quiz Participation
 - Classroom Power Point Presentation participation
 - Participation in various competitions in both intra & inter colleges.

The following measures are strictly followed to help both the learners.

- A peer group usually consists of one or two advanced learners and 3 or 4 slow learners.
- Question banks with frequently asked question and study material is provided to the students in order to help them prepare for the examination.
- The faculty discusses the problems of slow learners during mentoring and counselling sessions and decisions are taken and implemented.
- Both advanced learners and slow learners are given equal opportunity in career counselling programmers and soft skill training programmers.
- Coaching classes are offering to the students aspiring for GATE or GRE and other competitive exams.

File Description	Document
Any additional information	View Document

2.2.2 Student - Full time teacher ratio

Response: 5.67

File Description	Document
Any additional information	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

File Description	Document
List of students(differently abled)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

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

Response:

The institution gives great importance to innovative methods in teaching by adopting different techniques like illustrations and case studies. Field studies are frequently arranged to provide students with hands on experience. The faculty use project based methods and group learning activities to help the students improve their knowledge and also interactive skills. Teachers use Lecture methods besides ICT tools and methodology, besides e-resources to enhancing the learning experience of the students. Some of the methods used by the teaching for providing the enhanced learning experience are:

Participative methods:

- Classroom Question-answer sessions
- Classroom Quiz programs
- Discussion forum
- Debate Club
- Peer learning
- Group Presentation
- Student teaching seminar
- Essay writing club

Experiential methods:

- Project Work

- Field visits
- Industrial Visits
- Role Play
- Mentoring
- Peer Teaching
- Group Presentations
- NPTEL

Problem solving methods:

- Open Ended Questions.
- Case Study methods.
- Statistical Analysis method.
- Involving in comities.
- Organizing events.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.**Response:** 74.53

2.3.2.1 Number of teachers using ICT

Response: 120

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues**Response:** 7.74

2.3.3.1 Number of mentors

Response: 118

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

In addition to using the conventional teaching methodologies, innovative teaching technologies are vigorously used in every department. LCD projectors or overhead projectors are used to give interactive lectures and present PPTs.

- The faculty uses different teaching methods such as group discussions, power point presentations to facilitate better understanding of the concepts.
- A unique feature of SSCET is student teaching seminars. A unit is divided into 10 topics and they are numbered from 1 to 10. After the unit is over, the student is required to pick a number randomly and deliver a seminar on it.
- There is online availability of intra-net in the library.
- Lectures from NPTEL are utilized to help the students.
- The faculty members of SSCET guide students upon current innovations.
- The college conducts workshops; seminars guest lectures by experienced people to enhance the students overall knowledge and learning experience.
- The notes prepared by the lectures and subject materials are shared with the students.
- The senior members of faculty interact with new recruits and brief them of the teaching materials followed in the college. They also help them to get acquainted with question papers setting and other related matters.
- The college deputed faculty to different orientation classes involving teaching learning process to better their skills in teaching
- The internal assessment of the student in a continuous process, done through assignments, seminars, debates and discussions.
- Along with academics, the students are encouraged to co-curriculum and extra-curricular activities.
- The students enthusiastically participate in SUNFEST national level technical symposium and annual day celebrations conducted in the college every year.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years**Response:** 2.94**2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
9	4	4	5	3

File Description**Document**

List of number of full time teachers with PhD and number of full time teachers for 5 years

[View Document](#)

Any additional information

[View Document](#)**2.4.3 Teaching experience per full time teacher in number of years****Response:** 7.12**2.4.3.1 Total experience of full-time teachers**

Response: 1146.92

File Description**Document**

Any additional information

[View Document](#)**2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years****Response:** 57.74**2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years**

2017-18	2016-17	2015-16	2014-15	2013-14
20	20	20	20	20

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 2.36

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
19	0	0	0	0

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The College strongly believes in an effective teaching-learning system besides efficient evaluation method so as to help the students to improve further with the review of learning practices, tools and techniques used for teaching, providing concept clarity, catering to diverse students and customize teaching strategies for enhanced learning experience and positive outcome. Effective and efficient evaluation system is necessary for facilitating continuous improvement. In this direction, the College has examination cell, which prepares a calendar of events as per the Calendar of Events of the affiliating University.

The College strongly believes in Continuous Internal Evaluation of the students, hence has its own system of internal evaluation. There is a two pronged strategy at the institution level for continuous evaluation of students. One is Formative Assessment Strategy and the other Summative Assessment process that is put in place as per the instructions of the University. As part of the Formative Assessment Strategy, the examination cell mandates the teachers to use classroom practices for the evaluation of systems; the College has the practice of conducting:

- Question-Answer sessions to understand the learning levels of students and evaluate the concept clarity.

- Group presentations to assess their presentation abilities and group dynamics of the students
- Student Seminars to assess presentation skills and ability to participate
- Syllabus based quiz to assess the ability to think, connect the concepts and interact with the group

Thus various strategies are adopting for Formative Assessment. The Mentor Manual also has an annexure which records the students' performance evaluation in the formative assessment strategy.

S.No	Name of the student	Ability to participate in the class	Ability to interact and presentation skills	Analytical skills, concept clarity, out of the box thinking	Ability to ICT/PPT	Ability to write, read, convey, theoretical analysis etc.
		A/B/C/D				

Besides the Classroom evaluation, the College also evaluates students as part of the Formative Assessment, through Unit tests, Student teaching seminar & Assignments. The examination cell prepares the timelines and the teachers have autonomy to re-schedule the tests as per the convenience.

The University system mandates that the College conduct both Internal as well as external theory examination. As per the University mandate, the college conducts internal examination for 30 marks and external theory examination is for 70 marks. The Internal examination of the University system provides system where in teachers evaluate a students through tests, assignments and attendance. The Evaluation system in the College is systematic, continuous besides an enabler of learning.

Formal evaluation approach of the University:

- Assignments
- Teaching seminars
- Practicals
- Attendance

Summative evaluation approach

- Theory examinations Mid-1, Mid – 2
- Online Quiz
- Practical examinations
- Project work

The Institution scrupulously follows the norms set by the University for conducting the internal and external examinations.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

The Internal Assessment System comprising Formative Assessment and Summative Assessment is robust, transparent and periodic besides systematic in terms of variety and frequency. The Formative Assessment is done on a day-to-day basis by the teachers. With regards to tests and assignments, students are free to discuss with the concerned teachers once the answer books are returned to the students after the assessment. The question papers are prepared by teachers as per the instructions of the Examination Cell and usually two sets of question papers are prepared by each teacher, which is chosen by the Examination Cell just before preparing the question papers. The marks are entered in specific registers both at the Department level and at the College level. In case, of any Grievance with regard to test and assignments issues not solved at the level of the teacher. The students can approach the Grievance Redressal Cell convener or the Principal.

The University also promotes transparency and has developed a robust system, which is system centric. The Calendar of events of the university very clearly indicates the schedules for Practical's, internal examinations, deadlines for the submission of marks to the University and the written examination time table is also put up. The stakeholders are made abreast of these schedules well in time.

The internal marks are based on cycle test which is of 30 marks and out of the thirty marks, 10 marks are allotted for online test conducted by the university, 15 marks are for mid exam, assignments carry 5 marks. To promote transparency the mid exam papers are evaluated and given to the students for further discussion in the class and learning out of the mistakes. The student is free to approach the faculty and discuss in case of any grievance. To further promote transparency in the assignments, marks are allocated based on the student teaching seminar & attendance. The students have to attend at least 4 teaching seminars and 4 assignments. The discipline of the student is also considered in posting the assignment marks.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

Our college has two levels of grievances redressal committee:-

- Internal Academic Redressal Cell
- External Academic Redressal Cell

Internal Academic redressal cell consists of Principal, Head of Departments, subject teachers and mentors. Grievances like Awarding less marks, Paper not assessed properly and counting mistakes, attendance of students are looked into by respective teachers at the first level and then taken up to the Redressal Cell. The committee will look into the issue and analyse it, taking into consideration all the opinions of the committee members and also the relevant faculty and resolve it on the spot. As per the norms, two mid

exams are conducted in each semester and the answer scripts are evaluated within 4 to 5 days. Evaluated scripts are given to students for verification and formally displayed in the college notice board.

External academic redressal cell

In case of Grievances of students related to examinations conducted by the University, students can submit a written grievance to the exam cell and the same is recorded by a person who is named as the liaison officer for examination related grievances. The External Academic Redressal Cell in the institution is head by Prof. M. Ramakrishna, the Head of the Civil Engineering Department. The university system makes provision for re-totalling, reevaluating and challenge reevaluation with a prescribed fee. The grievance redressal at the University level is also transparent and time-bound.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The College is affiliated to the Jawaharlal Nehru Technological University – Kakinada. The pattern of exam and academic calendar is strictly adhered to as per the university norms. The academic calendar is provided by the university. The list of holidays, mid exams and end-exams etc. are all specifically mentioned in the calendar.

The Principal and the HODs, together in consultation with faculty, prepare the academic and Examination Calendar, based on the university calendar incorporating curriculum co-curricular, extracurricular activities. Each department has its own calendar, which strictly follows the university calendar. Each member of faculty plans his/her lessons in compliance with the university academic calendar.

Apart from the regular plan of teaching learning process in our college, we follow a practice called student teaching seminar.

At the beginning of the unit, it is divided into ten topics and numbered 1 to 10 and given to the students. On the completion of the units, the student has to be ready for a teaching seminar. The student is picked randomly from a bowl containing student roll number. He/she has to pick a number randomly from a bowl containing the numbers of the ten topics they has to present the topic for 5 to 10 minutes. Marks are awarded based on the students' performance.

The outcome of this method is

1. The student overcome stage fear
2. He will be through with the subject
3. The subject is better understood by slow learners when its repeated several students
4. It benefits the absentees.
5. Develops communication skills.

The Principal conducts weekly meetings with respective departments to check internal evaluation progress.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

Learning outcomes are clearly defined for all academic courses of the program. They are looked at as means of achieving the mission and objectives of the institution. Learning outcomes are measurable and are conveyed to the stakeholders and uploaded on the website. The outcomes are prepared based on the expected graduate attributes, skill sets that the students have to acquire, values that they must imbibe for good citizenry and others. Course corrections are possible based on the review of the outcomes in the periodic meetings conducted by the Heads of the Departments and the IQAC

Communication Mechanism:

1. Discussions with Head Of departments, and faculty are often conducted to analyze and to have clarity about the PEOs, LOs
2. Every course has course outcomes they are stated and displayed the website.
3. As the faculty themselves must have a clear idea of programme outcomes and course outcomes, orientation programmes are conducted to give them a crystal clear idea

SAMPLE OF PO's, PSO's, PEO's, CO's:

B.TECH

PO's:

PO1. Engineering knowledge: Apply the mathematics, science, engineering fundam engineering specialization to the solution of co problems.

PO2. Problem analysis: Identify, formulate, and analyze complex engineering problems reach conclusions using first principles of mat sciences, and engineering sciences.

PO3. Design/development of solutions: Des complex engineering problems and design syste processes that meet the specified needs consideration for the public health and safety, societal, and environmental considerations.

PO4. Conduct investigations of complex research-based knowledge and research method of experiments, analysis and interpretation of of the information to provide valid conclusions.

PO5. Modern tool usage: Create, select, and techniques, resources, and modern engineering including prediction and modeling to com activities with an understanding of the limitation

PSO's:

PSO1: Inculcate professional skills: The analyze and develop computer Program for ubiq

PSO2: Cultivate employability and entreprene to promote innovative career Paths to be an en higher studies.

CO's:(ENGLISH-I)

CO1 -Using English languages, both writ competently and correctly.

CO2 -Improving comprehension and fluency of

CO3 - Gaining confidence in using English in v

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Attainment of Program Outcomes and Program Specific Outcomes Assessment Process is assessed in two steps:

Direct assessment:

- Mapping of COs to POs and PSOs.
- Since COs are mapped to POs and PSOs, the values of COs are reflected in the respective POs and PSOs.

Chapter wise tests, sessional exams, University results will be analyzed.

The college has a creative way of conducting unit wise tests. Besides these chapter wise tests, sessional exams are conducted by the university as well the college. The college sets the descriptive question paper and university conducts objective online tests such a way conducting tests helps the students to be thorough in every aspect of learning outcomes and it helps the students to fare better in the university exams.

Completion of Portion	Exam
For each 16.7% syllabus	Unit wise test
50%	Sessional 1
100%	Sessional 2

It is mandatory for every member of faculty to prepare the results within 5 days after conducting the tests. The students can see the results, and go through their answer books. They are at liberty to approach the concerned faculty and get their doubts clarified regarding their answers. Every parameter is taken into consideration while analysis the university results. The HOD along with concerned faculty sit together and analyse the result careful consolidation, the analysis is sent for Principal's Verification.

Indirect assessment:

- Graduate exit survey
- All students leaving the college on completion of program are given feedback forms to give their assessment of POs and PSOs.

Mapping of the C's, PO's and SO's is done in strict compliance with the suggestions given by IQAC. The creation of a programme mapping allows the faculty to have a visual mapping to give them a clear overall picture of the outcomes. Programme mapping can help the students to understand how far they have been able to achieve the programme outcomes and it also helps them to do some introspection with regard to their performance. It helps the faculty to understand the gaps in the curriculum and suggest remedial measures.

The successful completion of the course plan is monitored every week by the Head Of Departments.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Average pass percentage of Students

Response: 42.24

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 98

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 232

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 6.28

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0.7	1.76	2.20	.41	1.21

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Response: 0

3.1.2.1 Number of teachers recognised as research guides

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.05

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 9

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 866

File Description	Document
Supporting document from Funding Agency	View Document
Any additional information	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The institution has formulated an ecosystem for innovation that provides ground for the students and faculty to faster their skills in the area of research. The following are the initiatives taken by the institution;

INNOVATION CENTRE:

- Innovation center, sponsored by Sri Sunflower Educational Society has been established in the institution with a concept of encouraging students involving in research and development .
- It is a platform where students of Engineering of various streams nurture their zeal of research using prototyping equipment, modern components and supporting faculty.
- It provides ground to make live projects in campus. Students are guided by professors involving such projects and learn by active participation in innovative ideas implementation.
- It provides peaceful learning atmosphere to do research on trial and error methods and sort out the ideas into working solutions for the present day competition.
- It provides support through college departments in documentation, publication and patenting of innovations.
- It provides the basic amenities and required infrastructure for new projects developments and implementations.

RESEARCH AND DEVELOPMENT CELL (R&D Cell) :

- This institution has established a Research& Development cell consisting of eminent professors in their respective streams to meet the needs of students enthusiasm in the field of research.
- This cell not only guides students but also faculty is encouraged to take-up research activities by utilizing the existing facilities.
- It creates research temperament in student and faculty too.
- Institution also takes interest in making way for funding agencies to sponsor mini and major projects by students.

Funds are raised by management as well as other agencies like Lions club, Sri Gayathri Hanumath Peetham & KARA Consultancy Services.

- Fiscal aid is received from the management and entry fee from participants for conducting international conferences on latest outcomes of research through 'R&D '.
- It supports by guiding in paper publications and articles in popular journals and conferences.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 21

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	5	4	3	3

File Description	Document
Report of the event	View Document
List of workshops/seminars during the last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Response: Yes

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

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Response: Yes

File Description	Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years**Response:** 0

3.3.3.1 How many Ph.Ds awarded within last five years

3.3.3.2 Number of teachers recognized as guides during the last five years

File Description**Document**

List of PhD scholars and their details like name of the guide , title of thesis, year of award etc

[View Document](#)**3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years****Response:** 0.31

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
24	12	6	9	3

File Description**Document**

List of research papers by title, author, department, name and year of publication

[View Document](#)

Any additional information

[View Document](#)**3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years****Response:** 0.27

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
13	27	2	2	2

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

The institution is active in organizing various social activities through NSS camps. Students take active participation in community service, practical problem solving in surrounding rural areas, and sensitizing different social issues. NSS camps concept aims to contribute student service towards society and nation building through social service.

The following are the extension activities follow-up in the neighborhood community:

- Blood donation
- SwachhBharath
- Motivation camps for rural children
- Health and fitness awareness camps.

The major strength of this college lies in the ability to ensure all round development of students and to inculcate sense of responsibility in them. The college through various programs strives for imparting quality education and knowledge to all sections of society. The institution values, practices uncompromising ethics and works for maintenance of most modern outlook with emerging developmental trends. It makes all efforts to encourage learning along with development of scientific temper. Excellence in creating aspirant engineers with high degree of sense of purpose and intellectuals of global competencies. It embarks on creating professionals with cultural responsibility connected to the values of humans.

Extension activities such as general cleanliness, plantation of saplings, maintenance of quality trees and shrubs, blood donation camps, regular interaction with people in surrounding villages are conducted on regular basis with complete student participation under responsible faculty guidance.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government

/recognised bodies during the last five years**Response: 22**

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

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	4	2	6

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.4.3 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 last five years**Response: 47**

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., year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
9	10	10	8	10

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities with Government

Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years**Response:** 83.66

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
682	924	1060	1165	1501

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration**3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years****Response:** 12

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
4	2	2	2	2

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 10

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	2	1	1

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The campus, Sri Sunflower College Of Engineering & Technology has 14 blocks which consists of all streams of engineering programs. It is planned and built in an area of 19631 sq.mts. The topography of College is planned in a convenient way both in terms of operationalisation and ease of access. There are 33 classrooms and 73 laboratories which is sufficient as per the norms of AICTE and affiliating university. Eco system of the college is congenial for teaching-learning, conduct of co-curricular, extracurricular activities besides being eco-friendly as a part of vision of the institution.

BLOCK-A : Is entirely occupied by classrooms of IInd, IIIrd and IV th years.

BLOCK-B: Is entirely occupied by CSE laboratories.

BLOCK_C: Is entirely occupied by EEE laboratories.

BLOCK_D: Is entirely occupied by CIVIL laboratories.

BLOCK_E: Is entirely occupied by ME laboratories.

BLOCK_F: Is entirely occupied by Tutorial Rooms.

BLOCK G: Administrative block comprises of Principal & Vice-Principal Chamber, Chairman & Vice Chairman Chambers Administrative Office, Conference Hall, T&P & Examination cell.

BLOCK_H&I: Is entirely occupied by Workshop for Civil, Mechanical and EEE Departments

BLOCK_J: Is entirely occupied by laboratories of Physics & Chemistry.

BLOCK_K: Is entirely occupied by ECE laboratories.

BLOCK_L: First floor is entirely occupied by laboratories, Drawing Hall. The block is exclusively for first year students to avoid ragging.

BLOCK_M: It acts as closed auditorium. Functions and Seminars can be organized here.

BLOCK_N: It contains security room and Gymnasium.

The institution strictly follows norms and conditions laid by AICTE and JNTUK for creation and upgrading the infrastructural facilities for effective teaching and learning atmosphere. College makes all the efforts for students of different streams to strengthen their knowledge and skills. The institution embarks on development of providing advanced infrastructure like ICT enabled classrooms

In addition to this the institution has an auditorium with ultra sound system, expandable stage with ramp and it also has an open auditorium that can be used when gatherings are expected to be extra larger. There is a provision for sick room, first aid facilities.

The institute frequently monitors through different committees about the usability of infrastructure and spends for up-gradation of equipment It keeps on expanding and updates to the latest technologies for effective knowledge imparting activity with changing syllabus of university.

Above all the institution has inspiring proficient experienced and dynamic team of faculty to impart knowledge and skills through effective and efficient teaching-learning practices.

There are conference halls with projectors in each block. An exclusively furnished room for video-conferencing, group-discussion rooms and seminar halls to provide state of art education guidance to the students is also provided.

The library has 3260 titles and 34090 volumes of the books. College subscribed e-journals through the DELNET: online journals and web based resources to provide congenial environment for teaching learning and research culture

The institute has also installed closed circuit television cameras in all the classrooms to supervise and observe the academic atmosphere in the classrooms.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

The college strongly believes that a healthy body carries a healthy mind. Sports and games play an integral part in the all-round development of students. Keeping this in mind the institution has a definite policy and plan of action to encourage sports and games

- The college has incorporated a slot for games in the timetable.
- The institute encourages students to participate in sports and games events outside the campus.
- Transport is provided to students who participate in sports events outside the campus.
- The college has conducted, district level Kabaddi tournament to encourage local sports on 7-8 October 2017.

The following are the list of facilities available in the college for sports and games.

s.no	Name of the facility	Quantity	Area	User rate	
1.	Table tennis(indoor)	1no.s	9/5,s.feet	1*4=4	
2.	Caroms (indoor)	2no.s	–	2*4=8	
3.	chess(indoor)	2no.s	–	2*2=4	
4.	Shuttle badminton	1no.s	13.4/6.10,mts	1*4=4	
5.	Cricket	1no.s	60mts	15+15=30	
6.	Basketball	1no.s	28/15mts	1*20=20	
7.	volleyball	2no.s	18/9mts	2*20=40	
8.	Throw ball	1no.s	18.30/12.20mts	1*10=10	
9.	Tennicoit	1no.s	12.20/5.5mts	1*4=4	
10.	Kho-kho	1 court	29/16mts	12+12=24	
11.	kabaddi	2 court	13/10mts	2*(10+10)=40	
12.	Discuss throw	1			
13.	Short put	1			

YOGA:

In this modern age of stress and hard work every individual needs peace of mind and to overcome the stress, yoga is the best remedy. Yoga practice makes one's body and mind healthy. It not only keeps one fit but also enhances human ability to think and increase power of concentration.

“ Swasha Meeda Dhyasa” was a established in December 2010 at Sri Sunflower Engineering and Technology to run the activities of the Yoga the institution has provided the required staff. Accommodation and equipment or free lectures were arranged by this centre for the benefit of the staff and the students of the college. Members of the community also attend these sessions.

Strategies:

- With a view to ensure the participation of all the staff in co- curricular and extra-curricular activities, sports and games committee and cultural committee are formed.
- All the information pertaining to various competitions in sports and games and special events organised are regularly communicated to students and put on the centrally located notice board.
- Students who excel in different sports and games are given special scholarships.
- Students are encouraged to participate in intercollege tournaments in cricket, basketball, volleyball, tennis, table tennis etc. The students are provided special coaching before the games in addition to regular practice.
- The winners and the runners are awarded mementos and merit certificates.

File Description	Document
Link for Additional Information	View Document

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

Response: 75.56

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 34

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
any additional information	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 65.35

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
104.4	103.87	93.39	309.18	3.56

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document

4.2 Library as a Learning Resource

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

Response:

Sri Sunflower College Of Engineering And Technology, enables the successful empowerment of the academic activities by setting a clear vision and mission.

- The Library advisory committee consists of the Principal as the Chairman, The HOD's of the department are the executive members and Librarian is the secretary, faculty and students are the members. This committee bridges the gap between the staff, students and Library.

Highly digitalized & automated library is provided with several new books every year. Facilities are provided in the Central Library. The college has a highly sophisticated *E-CAP* software, which systemizes all the library operations and have smooth run of the system. The *E-CAP* software provides a good platform to the students and staff to get all the books and CD'S, journals & magazines to be issued and returned with the correct maintenance of the records.

- The *E-CAP* software provides all sorts of data charts which have all the reports of the features, with which the librarian get all sorts of information regarding the number of books, cost of books, publisher wise, branch wise and subject wise. It provides the information of the generated bills whenever needed. *E-CAP* facilitates the provision of ordering the necessary books through mail purchase & even gives a clear idea by providing pre-chart representation of the reports.
- According to ISO standards, Library provides facility for every department to send the particulars of the books to be purchased according to their necessity. Even the students are permitted to suggest the books they need both for curricular and personality development related resources.
- The *E-CAP* software provides the opportunity to search reserve & rate the books, search for the best author, title, edition and publisher. The complete data of books, students, staff is maintained thoroughly and can even issue the search modules.

Vision

- To be an indispensable asset to the college in providing vast range of resources to support learning and promote readers and learners for life.

Mission

1. To inspire staff and students to update their knowledge, by self-education, with the resources' provided by the Library.
1. To support research and continuous professional development.

Values

- **Leadership:** We strive to give a new perspective to the scholarly enterprise of librarianship.
- **Empowerment:** To empower everyone to have access to knowledge.
- **Freedom:** We create conditions that foster freedom to learn and create new knowledge.

To connect user: We connect users with ideas, information and by dissemination knowledge.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

Sl. No	Name of the Book / Manuscripts/Special Reports	Name of the Publisher	Name of the Author	No.ofC
1	Epochs of Indian History, Ancient India	Longmans Green and Co.,	John Adam &	1
2	Autobiography of Subhash Chandra Bose	Hindustan Books,	Shah Nawaz Khan	1
3	The Babur Nama in English :	Luzac& Co, London	Annette Susannah Bevridge	1
4	Bankim-Tilak	Sri Aurobindo Ashram,	Dayananda	1
5	Divide and Quit	Chatto&Windus Ltd., London	Penderel Moon	1
6	Final French Struggles in India	W.H.Allen& Co., London	Colonel G.B.Malleson	1
7	India and The War	Hodder and Stoughton, London	Lord Sydenham of Combe	1
8	Indian in Primitive Christianity	Kegan Paul, & Co., London	Arthur Lillie	1
9	India under British Rule	Macmillan & Co., London	J.Talboys Wheeler	1
10	Indian Railways as Connected with British Empire in the East	W.H.Allen& Co, London	Sir William P. Andew	1
11	The Broadway Travellers –	George Routledge& Sons, Ltd., London	Sir E.Denison Ross	1
12	AharajaBhojaraja'sSringaraPrakasha	The Coronation Press, Mysore	G.R.Josyer	1
13	MarkandeyaPuranam	H.C.Dass, Elysium Press, Calcutta	ManmathaNathDutt&Ke shub Academy	1
14	Our Indians Marseillers	Smith, Elder & Co., London	MassiaBibikoff	1
15	Parsis of Ancient India	The SanjVartaman Press	ShapurjiKavasjiHodivala	1
16	Rajadharma	The Adyar Library,	K.V.RangaswamiAiyang ar	1

17	Rama Vijaya	Dubhashi& Co.,	Profound and Respectful admiration of A noble career	
18	The Ramayana of Valmeeki	Guardian Press, London	C.R. SreenivasaAyyangar	1
19	Rishis in Indian Art and Literature	Kanak Publications,	C.Sivaramamurthi	1
20	Royal Conquests and Cultural Migrations	Indian Museum,	C.Sivaramamurthi	1
21	Studies in Ancient Hindu Polity : Vol-1	Longmans, Green and Co., London	NarendraNath Law	1
22	Studies in the Puranic Records on Hindu Rites and Customs	Abinas Press, Calcutta	R.C.Hazra	1
23	The Flight of Hanuman to Lanka Via Sunda Islands	The Universal Steam Press, Nadiad	C.N.Mehta	1
24	The Religious Life of India - The Ahmadiya Movement	Association Press,	H.A.Walter	1
25	The Armies of India	Adam and Charles Black,	Marshal Earl Robers	1
26	The Book Lover and His Book	The Boston Book Company, Boston	Harry Lyman Koopman	1
27	The Compass of Truth Or Risa La-I-Haq-Numa	The Indian Press,	Muhammad DaraShikoh	1
28	The Constitution of India	The Indian Press,	Government of India	1
29	A Cultural History of India	Oxford University Press,	A.L.Basham	1
30	The Economic History Or India Under Early British Rule	Trubner& Co., Ltd., London	RomeshDutt, London	1
31	The Garden of India	W.H.Allen& Co., London	H.C.Irwin	1
32	The KurmaPurana	Vidyaratna Press,	NilmaniMukhopadhyaya	1
33	The Life LokamanyaTilak	The Jagadhitechu Press,	D.V.Athalye	1
34	The MarkandeyaPurana	The Baptist Mission Press, Calcutta	P.EdenPargiter	1
35	The Mughul Empire(1526-1803AD)	Shiva LalAgarwala& Co., Agra	AshirbadiLalSrivastava	1
36	The Purana Text of the Dynasties of The Kali Age	Oxford University, Bombay	F.E.Pargiter	1

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 12.01

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
2.01	4.61	12.42	22.6	18.4

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Any additional information	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

4.2.6 Percentage per day usage of library by teachers and students**Response:** 21.14**4.2.6.1 Average number of teachers and students using library per day over last one year****Response:** 227

File Description	Document
Any additional information	View Document

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

- The Institute is a regular customer of internet facility of 64 Mbps dedicated line. It has upgraded to have MOU with reliance communication for JIO network establishment. (evidence: bill which gives details of speed, mou copy etc)
- The systems has upgraded to I3 version for executing the advanced laboratory softwares like Auto CAD 2010, RIVET , Stad-Pro , all the important systems are protected / updated with latest antivirus software with Internet Security.
- Every classroom and staffroom is updated with Wi-Fi connectivity.
- Classrooms are equipped with ICT facility like LCD projector, LAN/Wi-Fi connectivity to make teaching and learning more effective. 12 classrooms have Net Computing devices configured to enable server based content projection.
- The institute has a total of 650 computer systems serving 842 students to meet the ratio as per AICTE / University norms .
- Delnet , NPTEL lectures can be accessed from any system within the institution . (evidence: online user printout will be asked for uploading)
- The campus is Wi-Fi enabled. (evidence)
- The college is upgraded with library management system of E-CAP software to manage all the library operations. (ERP, screenshots, MoU etc)
- Central computing facilities are in vogue with 60 systems all connected with the LAN and with printer.
- The college has recently upgraded with all the LAN cables from CAT-5 to CAT-6
- For bandwidth distribution, router has been upgraded to cyber ROM 50 ING.
- The 45KVA generator is upgraded to 82.5 KVA.
- The institute has installed CCTV cameras for 24/7 campus surveillance.
- Since the IT Sector is constantly evolving the committed IT team of the college strives to upgrade the facilities through latest market trends through research so as to provide the best to the students to support quality learning.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.3.2 Student - Computer ratio

Response: 1.4

File Description	Document
Any additional information	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: >=50 MBPS

File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 59.95

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
89.41	108.95	111.88	109.63	85.07

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

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.

Response:

The institution has well equipped laboratories and procedures for the maintenance of classrooms, laboratories and buildings. It also has got a well provided library, sports facilities and discussion rooms.

The institution appoints an administrative officer for supervision of the work of sub staff who are engaged in maintenance and cleanliness of buildings, class rooms and laboratories. He is responsible for the good condition of the infrastructure and other equipment in the college.

- The administrative officer also has to take in account the efforts put by other committees to take care of the infrastructure. Disaster management and disaster preparedness are also the part of duties of the AO. He takes the responsibility for displaying posters, provide awareness regarding disasters like earthquakes, fire or storm. Apart from the indoor facilities he is also responsible for the maintenance of outdoor areas like playground, parking lawn, gardens, etc.
- The sub staff under the supervision of AO is collectively responsible for the entire college infrastructure related issues. Prompt action is expected by the staff on any issue.
- Institution has a fixed system that the staff, faculty, lab technicians, drivers and other service personal or equally responsible for the maintenance of the equipment under their supervision. And are responsible to the AO in case of any irregularity.

To improve the physical ambience of the college campus numbers of initiatives are taken up frequently as

- Committed housekeeping staff.
- Floor in charges to maintain in each floor.
- Proper maintenance of rest rooms.
- Dustbins are at proper places.
- Ground men to take care of plants and gardens.
- Plantations drives - vanammanam every semester.

File Description	Document
Link for Additional Information	View Document

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 68.71

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
568	802	862	999	1121

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 5.2

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
52	66	73	66	62

File Description	Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling

- 3. Soft skill development
- 4. Remedial coaching
- 5. Language lab
- 6. Bridge courses
- 7. Yoga and meditation
- 8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 79.99

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
730	938	954	1114	1302

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years**Response:** 0

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description**Document**

Details of the students benefitted by VET

[View Document](#)**5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases****Response:** Yes**File Description****Document**

Details of student grievances including sexual harassment and ragging cases

[View Document](#)**5.2 Student Progression****5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 24.5

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
159	45	35	30	28

File Description**Document**

Self attested list of students placed

[View Document](#)

Details of student placement during the last five years

[View Document](#)

Any additional information

[View Document](#)

5.2.2 Percentage of student progression to higher education (previous graduating batch)**Response:** 4.74

5.2.2.1 Number of outgoing students progressing to higher education

Response: 9

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)**Response:** 10

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	0	0	0	0

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
10	5	2	2	2

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

5.3 Student Participation and Activities

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

Response: 716

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

2017-18	2016-17	2015-16	2014-15	2013-14
143	147	142	142	142

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
Any additional information	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

- Highest importance is given to Student Council. The council takes care of academic and administrative matters. Students all round progress is planned through this council which makes schedules for extracurricular needs as well as keeps record of grievances. Prompt redressal of the complaints is followed up by the student council.
- The student council is also responsible for all major activities of students on the campus. Different committees and their work is supervised by the council. It makes action plan for technical and non-technical and academic programmes. All types of events like – cultural programmes and festivals are organized by this council. It is equally responsible for making necessary negotiations and communicates between the students community and the institution.

Objectives :

- To inculcate social responsibility and develop a sense of purpose in studies.
- To promote interactive skills through sharing and understanding.
- To enable student community probe into social issues.
- To make students develop organizational skills.
- To provide basic support for all student activities.

Contribution of the student council in academic administration:

- Facilitating in day to day academic programmes at their level.
- To communicate information between students and teaching faculty.
- Organization of cultural committee and involving in the plan
- Supporting sports committee in organising various sports events in the college.
- Organizing industrial visits for students.
- Decision making for workshops, seminars, guest lectures by external sources for the students.

Co-ordinating other councils in approval of proposals for the formation of different committees in the institutions:

The institution provides required support to the student council and the members of the council in the working of the plans. It enhances the quality of student's participation in various activities in order to achieve all-round development of the student. The members of the council through various activities indirectly develop leadership skills and improve their core faculties by their council. The student council and various other committees shall meet at regular intervals to review the duties and activities. They also make necessary suggestions for the smooth functioning of the council composition.

File Description	Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 12.2

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
16	12	12	9	12

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

The concept of Alumni association is entirely for the benefit of the institution as well as professionals in various working bodies. The Alumni Association plays a crucial role in building close bonds between the current student batches and the graduates already pursuing careers. Real life challenges faced by the alumni can be shared with the fresher graduates. It will work as a helping hand to the new comers into the world of job and emerging technological competition. To provide an experienced hand for the guidance of new graduates from the professionals is the founding idea of Alumni association.

The institution has an Alumni association that has been active all through the years. It holds meetings frequently inviting the present faculty along with the older batches of graduates. The Alumni association raises fund for the development of infrastructure of the institution.

Through the Alumni association institution gains reputation every year, since they are placed in different parts of the world in different areas of the work. They provide help and guidance to the student community. At the same time, the Alumni association supports the institution in providing recruitment ground for fresher graduates. The association through its contribution spreads the name and fame of the institution into the world.

The association provides an emotional ground for the reunion of old students, former faculties and revives the past memories and rejuvenates their lives. This emotional bonding of Alumni brings strength and energy to the organization's mutual relationships.

- Alumni association has been established by the institution with the concept of maintaining connection with the previous students who are in different careers.
- The college under the supervision of management and T&P organizes frequent alumni meets, to collect feedback and support to make improvements in the administration and running of the college.
- Alumni feedback reports are considered as suggestions to make the college functioning better in structured manner.

Alumni are involved in the following tasks:

- Academic advisory committee : This committee consists of alumni members working in different fields
- Internships: Alumni collectively make plans each year for training and guidance to the fresh graduates and provide internships for professional growth.
- Placements: Alumni facilitate college T&P by organizing pool drives and campus recruitments and providing placements.
- Lectures and Seminars: Alumni through different seminars, provides educational support to the institution .They guide the young students with their experience in the job world. An alumnus provides counselling and guidance programs through these sessions and technical and non-technical

skills training. Various departments in the college make plans in their academic schedule for the presentations by alumni, so that they hold interactive sessions for the fresh graduates.

- Financial means: The Alumni association also supports college on monetary basis. It takes the economically backward students data and provides aid to them. Frequent visits by alumni to the college strengthen the bonds between organization and alumni.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: 1 Lakh - 3 Lakhs

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document
Any additional information	View Document
Report of the event	View Document

NAAC

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

Vision:

To be an institution par excellence in providing professional education and chisel graduates with self-esteem, employability and good citizenry.

Mission:

- To provide access to higher education that is quality embedded
- To provide global edge in all the services provided in the college in its efforts to create empowered professionals
- To imbibe skills and provide knowledge necessary for competence building
- To include values and ethics among the students to break them capable of leading a happy, purposeful and fulfilled life

GOALS & OBJECTIVES

- To provide efficient and effective leadership to transform mission and vision of the college into achievable objectives
- To create systems, process and procedure to efficiently create infrastructure and optimally utilize them for enhanced experience of the stake holders.
- To Provide space for autonomy in planning and deployment of strategies for academic enrichment curriculum planning, systematic follow up of procedures for effective teaching , learning and evaluation procedures.
- To Create system for quality assurance and, train people and operationalize strategies for quality enhancement in all the domains of the college activity
- To create practices for holistic development of student facilities and opportunities for participation of students in sports, cultural and co-curriculum activities to achieve holistic development.
- Provide the best possible facilities for computing ICT, Library, research and networking with the community for mutually beneficial practices.

Effective leadership of the Governance

- The vision and mission of the college are always borne in mind in the governance.
- The Principal, the Head of the Institution, along with the Heads of Department and IQAC and all the other committees works to achieve the vision and mission of the institute.
- Teaching staff, student representatives take part in policy formulation by attending the meeting held by the college administration.

- All the departments have their academic well planned academic calendar and action plan. The department encourages a healthy level of excellence. Students are groomed to be socially responsible citizens and make effective contribution to society.
- Meetings are conducted by the heads of the department on the weekends to review the progress.
- Various committees such as cultural committee, sports committee, women empowerment cell etc. to achieve the vision and mission of the institution.
- Feedback is sought from the students to evaluate the quality of teaching practical lessons, cultural and co-cultural activities.
- Feedback in an input to qualitatively improve teaching learning process.
- Recruitment policies, service rules, leave rules and the system of administration practices are clearly defined in the institutional policy. Even the grievance redressed procedures and clearly defined.
- The following activities are strictly adhered to achieve the vision and mission of the institute.
 - Innovative reading learning activities.
 - Industry collaboration.
 - Research and development activities.
 - Extension activities.

The institution is governed scrupulously and sincerely to achieve its vision and mission.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

Decentralization and participative management is practiced in the institute.

The college Advisory Committee and the Governing Council consist of eminent academicians, industrialists and administrators. The Governing Council is the driving force to guide the management to completely administer the college. The development activities and the future planning are guided by the following administrators. The Strategic Perspective Plan of the College is prepared by the IQAC by consolidating the Strategic Perspective Plans prepared by the Heads of the Department and various Cells/Committees. The shared vision that is concretized in consultation with the stakeholders is obviously the guiding force in running the institution. The Strategic Plan of the College is approved by the Governing Council and the same is deployed in the College. Hence there is participative management at every level.

The Organogram of the institution involves the Governing body which includes the Chairmen, Vice Chairmen, and Principal. The Principal and one staff member are the members of the Governing Council members who play a role in the decision making body of the institution. All the Heads are members of the College Council who are involved in the second level of management. All the teachers of the College are either the conveners of various committees in which teachers and students are members.

CHAIRPERSON: The Chairperson of the College provides a direction to the long term and short term strategic plan of the college. Decisions regarding appointments, introduction of new courses, augmentation of infrastructure and the necessary approvals which involve the development of the College are made at the level of the Chairperson in consultation with the Governing Council and other stakeholders. All the strategically important decisions, regarding maintenance and development and infrastructure augmentation and maintenance are taken care of by the Chairperson.

VICE-CHAIRPERSON: The college administration on day –to- day basis is guided by the Vice-Chairperson, who plays a pivotal role in empowering the systems to assist the Principal and various other bodies to function effectively and efficiently.

PRINCIPAL: The Principal is the head of academic as well as administrative bodies. All the administrative activities are planned and co-ordinated by him. He conducts departmental meetings to monitor teaching learning processes, evaluation system and various processes aimed at the effective management of the College guided by the Vision and Mission of the institution.

ACCOUNTING AND ADMINISTRATIVE OFFICER:

- All the administrative aspects of the college including finance, administration, and AICTE and JNTU Kakinada correspondence is looked after by the administrative officer as per the advice of the Principal.

DEAN OF R&D:

- The duties of the Dean of R&D primarily include signing of MOUs with reputed organizations for mutually beneficial R&D investigations.
- Review the progress of on-going R&D.
- Encourage and inspire the students to develop R&D oriented thinking.

Head of the Department:

- HODs are responsible for the overall functioning that includes subject allotment, based on the specialization experience, and choice of faculty.
- The HODs periodically review the departmental activities.
- Counsel students and interact with parents.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The institution has the practice of preparing the Strategic Perspective Plan for both the long term and annual planning purposes. The Strategic Perspective Plan is an effort to articulate the aspirations of all the stakeholders. The IQAC initiates the process of the preparation of the Strategic Perspective Plan by asking all the Heads of the Departments and convenors of various committees to conduct brainstorming sessions with other stakeholders and prepare their respective Plans. Once the Plans are submitted to the IQAC, it takes up the process of preparing the consolidated Strategic Perspective Plan of the College and after the approval of the Chairperson and the GC; the same is adopted in the College. The long term plan of the College is also prepared and the same is deployed for concerted efforts for quality achievement, sustenance and enhancement. The Long term and Short term Plan involving the Strategic Perspective Plan are prepared involving wide ranging consultations involving all the stakeholders of the College.

The following strategies are included in the perspective plan of the institution for development in achieving vision and mission.

1. Research focus:

- Planning and establishment of COE's and RC's for knowledge generation.
- National collaboration for synergy

1. Innovative teaching, learning and evaluation.

- Innovation in teaching-learning practices
- Technology enabled teaching and learning

1. Competitive and advanced resources put into 24/7 use.

4. Network centric skills development and deployment.

5. Empowered and responsive ecosystem.

6. Fulfilling gaps in university curriculum.

7. Conducting training programs for industry requirement.

Case study: Successful implementation of innovative projects

With a view to improve research oriented approach of faculty as well as students, the R&D Dean and the Principal have taken the initiative to introduce “ Innovative Research projects” for students of 2nd,3rd and 4th years.

The project aims at integrating the regular practical experiments that the students do in the laboratory with out of the box thinking and motivating them to bring in innovations and research oriented thinking so as to work for lab to land concept.

The students from various years are given different instructions to follow.

- The students of second year are required to use the same equipment available in the laboratory and produce different outcomes.
- The second year students are given the task of producing a working model using the equipment and the material available in the laboratory.

The final year students are encouraged and expected to work on an innovative project that would be useful to them when they get started with their regular project that is done as a part of university curriculum.

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

The Organogram of the institution involves the Governing body which includes the Chairmen, Vice Chairmen, and Principal.

CHAIRPERSON: The Chairperson of the College provides a direction to the long term and short term strategic plan of the college.. All the strategically important decisions, regarding maintenance and development and infrastructure augmentation and maintenance are taken care of by the Chairperson.

VICE-CHAIRPERSON: The college administration on day –to- day basis is guided by the Vice-Chairperson, who plays a pivotal role in empowering the systems to assist the Principal and various other bodies to function effectively and efficiently.

PRINCIPAL: The Principal is the head of academic as well as administrative bodies

ACCOUNTING AND ADMINISTRATIVE OFFICER:

- All the administrative aspects of the college including finance, administration, and AICTE and JNTU Kakinada correspondence is looked after by the administrative officer as per the advice of the Principal.

Functions of various bodies:

Research and Development Cell:

- It is the primary responsibility of the research and development cell to motivate faculty to undertake minor or major research projects.
- Provide guidance in publications.

Disciplinary committee

- To monitor discipline in the campus.
- To ensure wearing of ID cards, dress code and punctuality.

Anti-Ragging Committee

- Creation of awareness about the need to desist from ragging.
- Put up posters and advisory at strategic locations to sensitize the stakeholders to prevent ragging and develop zero tolerance for ragging.
- Monitoring of susceptible areas with the help of the anti-ragging task force.

Grievance Redressal Committee

- The committee's primary responsibility is to attend to the grievance of students in every aspect of academic, administrative, transport, besides other student related support services. Women Empowerment Cell
- Draw Strategic Perspective Plan to achieve women empowerment
- Sensitize the stakeholders on gender issues through various strategies.

Service Rules

- The Service rules of the College are the rules that are prescribed by the statutory bodies.
- Pay, allowances, increments and promotions happen according to norms.
- The leave rules including maternity leave are applied as per the rules of the AICTE.

Recruitment Policy

The selection and recruitment of faculty is strictly done on the basis of their performance. The weightage given to different abilities and attributes are as follows:

1. Subject knowledge: 40%
2. Academic record: 15%
3. Lecture delivery: 20%
4. Teaching Aptitude: 15%
5. Overall impression: 10%

Every to the approval of JNTUK. All the selected students are required to attend the interview before a panel constituted by JNTUK. The finalization of appointment is done only after the due process.

Promotion policies and faculty Appraisal

All the designations given to the faculty and policies relating to promotions are governed by AICTE norms and JNTUK ratification results. Increments are awarded after analysing appraisals.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

- A. All 5 of the above
- B. Any 4 of the above
- C. Any 3 of the above
- D. Any 2 of the above

Response: A. All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document
Any additional information	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

The College has various Committees and Cells for effectively implementing the College Strategic Perspective Plan besides efficiently organizing various activities that include academics,

administration, co-curricular as well as extra-curricular activities. The Following Committees/Cells are in place in the college:

- Internal Quality Assurance Cell (IQAC): The IQAC is involved in developing strategic perspective plan and deployment, besides institutionalize quality in various domains and stakeholders.
- Academic Advisory Committee:
- Anti-Ragging Committee
- Disiplinary Committee
- Women Empowerment Cell/Sexual Harassment Cell
- Grievance Redressal Cell
- Cultural Committee
- R&D Cell
- Alumini Committee
- NSS Committee
- Student Counselling Committee
- Minority Cell
- OBC Cell
- SC-ST Cell
- ECO-Club

- Case Study:
 - The College Academic Committee is set up to ensure overall academic excellence in terms of the most important domain, ie, teaching and learning process.
 - Result analysis is one of the major responsibilities of college academic committee (CAC).The members analyse the results and improve the teaching – learning evaluation system by recommending minor changes. The strategies and remedial steps besides the process of implementation is recorded in the minutes book and are strictly implemented.

The following are the recommendations recorded in the minute's book.

1. Organising remedial classes.
2. Conducting revision classes.
3. Revising the regulations for weekly test.

As one of the main challenges before the CAC is to improve the pass percentage, Remedial classes have been recommended for slow learners. Accordingly remedial classes are planned and the commencement of the same happens one month before the university examinations. They are scheduled from 4.30pm to 6.00pm in the evening after completing the regular classes. In the analysis done by CAC, it is found that there has been a noticeable improvement in the student academic performance.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3 Faculty Empowerment Strategies

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

Response:

The institution implements several welfare measures for teaching and non-teaching staff

Several wide ranging educational opportunities are provided for the faculty who want to improve their skills and enhance their performance

1. Faculty members are encouraged to become members of various professional societies for their improvement.
2. Faculty members who wish to go for higher studies are given concession by way of special leave or concessions in work load.
3. Non-teaching staff are given concession if they wish to go for higher studies.
4. Several skill development programs are organized for the faculty to enhance their professional growth.
6. Research facilities are provided to the faculty.
7. They can present their research work and share their technical expertise by acting as resource persons.
8. Facilities like internet, e-learning resource, library faculties, national and international journals are provided to the faculty. Lectures by experts from reputed institutions are organized for the faculty to deliver their best services to the institute

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 4.96

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

2017-18	2016-17	2015-16	2014-15	2013-14
15	6	12	7	3

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document
Any additional information	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 7.6

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
10	8	7	6	7

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 9.65

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
29	15	23	11	6

File Description	Document
IQAC report summary	View Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

The College has the practice of self-appraisal by the faculty and the same is evaluated by the Head of the Department and then Principal. Based on the appraisal by the teachers in addition to the student feedback on faculty, the Principal would in confidence share the appraisal report with the teacher and would seek clarifications from the faculty and staff. The concerned faculty and staff have to ensure remedial action in case of grievances of students and also provide strategies to the Principal for overcoming the lacunae found in the appraisal. The appraisal system is used for remedial intervention with a view to help the staff improve their performance. The appraisals are also further forwarded to the Governing Council and the Management for further positive interventions including incentives and corrective measures.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Our Institute is provided with internal and external auditors. The internal auditors visit the institute once in a month and close the previous month's transactions after due verification. A consolidated monthly statement is prepared and submitted to the management. The management gives the report to our external auditors for verification.

INTERNAL AUDIT:

Internal audits are conducted by the Inter departments of the own college under the Supervision of IQAC cell at the time of Intra Semester break every year.

INTERNAL AUDIT:

A registered chartered accountancy firm does the external auditing. Last year's external audit report, along an audited balance sheet in enclosed.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 3.65

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
1.56	.10	.605	1.18	.20

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Any additional information	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

An efficient and effective mechanism is in place in the college for the utilization of resources. The budget for the coming year is made taking into account, all the probable expenses and incomes. The head of the institution ascertains the expenses necessary for the implementation of the institutional programs

The following criteria are taken into consideration while preparing the institute budget.

- Providing laboratory facilities (recurring and non-recurring)
- Research and developmental achievements
- Internal connectivity, campus electricity and telephone charges.
- Sponsoring faculty members for seminars, workshops and conferences.
- Construction and maintenance of buildings, salaries to teaching and non-teaching staff

- Purchase of books and subscription of journals in the library
- Organizing events in the college such as college day. Tech-Fests and sports day.

The heads of the respective departments their requirements for the purchase of essential equipment to the Principal for sanction. All the quotations are assessed. Comparative statements are made. The suppliers are called for personal discussion. Orders are placed after comparing all the quotations.

Such a procedure ensures the right purchase of the equipment at competitive prizes. The accounts of the institution are subject to internal and external auditing. Any discrepancy is brought to the notice of the Principal. The budget is prepared at the beginning of the year and the actual expenses are compared with the budget. In case of any variation the Principal discusses with the concerned people

The College is self-financed and receives no funding from the government. It entirely depends upon the fee collected from the students.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

- Internal Quality Assurance Cell (IQAC) was formed in compliance with the guidelines given by NAAC. The purpose and policy of IQAC are quality assurance, encouragement to quality and sustenance of quality in all spheres of academic and administrative activities. All aspects of academics and curriculum, teaching and learning process, research, evaluation, academic audit and extension of community activities are taken care of by the IQAC.
- To maintain and improve the quality assurance in the institution, different committees have been formed to support IQAC.

IQAC takes upon itself the responsibility of arranging meetings with all stakeholders like management, teaching and non-teaching staff, students, alumni, Parents, experts and industrialists.

Enhancement in quality assurance quality encouragement and quality sustenance in all academic activities

- A lot of job opportunities are created for all outgoing students of the institution by Quality Enhancement. IQAC has made a remarkable contribution by improving the facilities in all aspects

concerning the institutions.

- The academic quality of the institution and academic performance of staff and students' progress and infrastructure facilities like well-equipped lab and modern internet facilities in the library are evaluated by IQAC. The internal quality assurance has contributed a lot to enhance quality sustenance in all aspects of academic performance of all departments.

Functions of IQAC

- To develop and apply quality parameters for various academic and administrative activities.
- To facilitate the creation of a learner-centric environment which is conducive to impart quality education and faculty maturation and acquire the necessary knowledge and technical abilities for participatory teaching learning process.
- The IQAC collects feedback from students, parents and other stakeholders relating to institution.
- Organises institutional workshops within the institution and also among the institutions.
- The IQAC is also endowed with the responsibility of imbibing quality culture among all the stakeholders' thorough organizing workshops, seminars and talks on quality practise, systems and procedures. It also acts as the custodian of documents and documentation.
- Disseminates all good practices by acting as a nodal agency.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Response:

The IQAC holds periodical meetings with staff and students to discuss modern and technical methods in teaching learning processes. The teaching learning process is continuously evaluated and reviewed by IQAC. After obtaining feedback from the students, teachers, parents, alumni and experts, the Principal, HODs, the co-coordinator of IQAC evolves strategies to update the teaching and learning processes. Innovative teaching methodologies like ICT tool enabled LCD, OHP projector and audio visual sources are introduced.

- IQAC conducts periodical review of the progress of CO & PO attainment levels in every

department.

- IQAC pays a lot of attention to fill the gap between the curriculum and the needs of the industry.
- In addition to the above mentioned roles, the IQAC maintains and sustains all the parameters pertaining to every aspect of the institutional activities.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 5.6

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
18	10	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
Any additional information	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2.Academic Administrative Audit (AAA) and initiation of follow up action**
- 3.Participation in NIRF**
- 4.ISO Certification**
- 5.NBA or any other quality audit**

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above**Response:** B. Any 3 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document
Any additional information	View Document
Annual reports of institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)**Response:**

- The number of paper publications dramatically improved in all departments.
- Faculty expressing willingness to do Ph.D increased.
- The record of placements increased.
- Several infrastructural improvements have taken place for research.
- New titles of textbooks have been added to the library every year by allocating enough budgets for their purchase.
- Many conventional classrooms have been converted into E-class rooms.
- Digital infrastructure for improved teaching learning activities, physical infrastructure, completes with hardware and software tools are provided to the laboratories.
- Number of gender equity programs has been increased.
- Manava seva programs have been increased.
- Number of MoUs with different organizations has been increased.
- Number of CRT programs has been increased.
- Number of faculty and students from other states has been increased.
- Participation of the faculty in FDPs/Workshops/Conferences have increased.
- Number of faculty exchange programs has increased.
- Number of Internal committees has increased.
- Student participation in different committees have increased.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 20

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	3	4	4	4

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

- There is strict vigilance across the campus with the help of 24x7 watch and ward system besides CCTV surveillance.
- Access to the campus is provided only for the faculty and the students after the verification of the valid ID card.
- Guests and visitors have to establish their identity and after due permission, can enter the campus.
- Prevention of Sexual Harassment Committee members will monitor and frequent as a task force the vulnerable areas to provide safety to the students.
- Soon after admissions, steps are initiated to prevent ragging. Anti-ragging task force will be going round the campus to prevent ragging.
- Posters regarding anti-ragging, prevention of sexual harassment, facilities available for counselling in case of feeling of depression or loneliness, have been put across the campus.
- Cross cutting issues like environment studies, professional ethics and human values and IPR are included in the curriculum.

- Gender awareness programs are conducted at regular intervals to propagate gender equality like
- Cancer awareness program by Oncologist.
- Constitutional laws for woman.
- All students and staff have to adhere to the dress code prescribed by the college.
- The college has an anti-ragging committee and there is zero tolerance to ragging in the campus. Anti-ragging awareness is conducted every year by the police department in the college hence the impact is more.
- If for any personal reasons or ill health, a student has to leave the campus, the faculty / mentor to confirm the same from the parent and then only permits him/her.

COMMON ROOM:

A separate common room is available for both boys and girls.

- Facilities like couch, table, chairs, mirror, sanitary napkins are provided in the in the common room for girls.
- Medical facilities like first aid boxes are kept for emergency.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 2.46

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 1800

7.1.3.2 Total annual power requirement (in KWH)

Response: 73260

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs**Response:** 40

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 2

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 5

File Description**Document**

Details of lighting power requirements met through LED bulbs

[View Document](#)**7.1.5 Waste Management steps including:**

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Response:**SOLID WASTE MANAGEMENT:**

- Organic and inorganic wastes are separated. The organic waste is dumped into a composite pit which is then used as manure for the plants in the college.
- The inorganic waste is sent to a recycling plant through collaboration with private agencies that collect the waste.
- The use of carry bags and plastic bottles is discouraged in the campus.

LIQUID WASTE MANAGEMENT:

- A RO plant is provided in the campus to supply clean filtered drinking water to the college community. The left over waste water from the RO plant is collected and used to preserve green environment of the college.

E-WASTE MANAGEMENT:

Through proper maintains the life of the electronic items is extended.

E- Waste generating from the systems are normally viewed by the institute periodically. The out dated computer devices like RAM, Hard disk processors are used for the Demonstration purpose.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Rainwater harvesting is the accumulation and storage of rain water for reuse. It helps to conserve the rain water during rainy season, before it is lost, as surface runoff.

The college is an example in promoting rain water harvesting. The college follows a method of roof top harvesting. The rain water that falls on the roof flows down gravitationally through the pipes and is collected in soak pits. It increases the ground water level significantly.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

SSCET gives at most priority to develop greenery and protect the environment in and around the college campus. The use of bikes is strictly prohibited in the campus. The parking area is built adjacent to the entrance gate. The students are constantly made aware of the hazards of pollution and they are encouraged not to use vehicles in the campus. All the faculty members strive hard to drive home the concept of green campus.

Plantation programmes are taken up very often and thousands of plants and saplings are planted by the faculty and students. Students are made to understand the ill effects of pollutions and the benefits of

salubrious environment.

BICYCLES:

Students from nearby areas come by bicycles. Bicycles are also used for the internal mobilization in the campus.

PUBLIC TRANSPORT:

The transport facility provided by SSCET is very efficient and effective. It has 20 decent and well maintained buses. They are more than enough to facilitate the transportation of all students from the nook and corner of the area. It has a well-trained and responsible crew to operate and manage the transportation services. However, students also use public transport to reach the college. The students are instructed to follow the basic principles of etiquette, like being polite, courteous during the journey and follow the traffic rules. They are groomed to be responsible and enlightened citizens.

PEDESTRIAN FRIENDLY ROADS:

The roads in SSCET are absolutely pedestrian friendly as no vehicles are allowed on them. All the vehicles are strictly parked at the entrance gate. The students are made to be aware of the multi model transport systems implemented in different parts of the world.

PLASTIC FREE CAMPUS:

The objective of SSCET is the ultimate elimination of plastic on the campus. To this effect several measures are taken to discourage the use of plastic of the campus. Plastic bottles are not encouraged. The use of plastic straws and disposable glasses is discouraged

PAPERLESS OFFICE:

To encourage a paperless institution the college strives to be an E-college. For which the college administrative office uses TALLY software, the examination cell uses JNTUK portal and the Library uses DELNET. All Messages are conveyed to the staff & students through common mail IDs & WhatsApp groups.

GREEN LANDSCAPE WITH TREES AND PLANTS:

- The college involves the students in maintaining eco-friendly environment by encouraging them to participate in various programmes conducted by Echo-club.

Medicinal plants and herbs are grown on the campus.

- NSS conducts awareness programmes
- The object of achieving SWATCH BHARAT is followed in letter and spirit.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.97

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
1.28	2.18	1.69	1.36	1.54

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

Response: A. 7 and more of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 10

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	1	2	1	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 32

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
11	6	5	5	5

File Description	Document
Report of the event	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including

Vice Chancellor / Director / Principal /Officials and support staff**Response:** Yes

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website**Response:** Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations**Response:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics**Response:** Yes

File Description	Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**Response:** Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 21

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
5	4	4	4	4

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

India is a land of celebrations vibrant with different cultures and religions. To inculcate a sense of the national integration all the festivals are celebrated with zeal and enthusiasm. To develop patriotism in the students national festivals like Independence Day and Republic Day are celebrated with fervor. Sep15th celebrated as Engineer's Day. Swami Vivekananda Birthday is celebrated to inspire the youth. The stimulating slogan of Vivekananda is "DO NOT REST TILL REACH YOUR GOAL". The observance of the birth/death of great leaders is taken as an opportunity to make the students understand the great contributions these great men made in making India what it is today.

Religious festivals like Christmas, Pongal, and Ramzan are celebrated to imbibe the great heritage of India. These celebrations unite students and develop their skills of organizing. The spirit of Indianness, rejuvenates with every celebration. These festivals help us to erase all types of social prejudices and promote communal harmony among the students.

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

- The staff academic committee headed by the Principal, along with HOD's, library, discusses the academic financial planning to meet the requirements of various departments and library. The HOD's submit the required expenditure statements to the management through the Principal for the allotment of the funds.
- In course and expenditure of various aspects is audited by an external auditor. He also checks the payment vouchers of daily transactions, scrutinizes and prepares the income and expenditure statement and finally submits to the management.
- The governing body guides and monitors the administration regularly through the Principal in coordination with the IQAC.
- IQAC functions as a bridge between the management and the staff, besides all the committees constituted in the institute are coordinated by the IQAC.
- The Principal gets efficient assistance from teaching and non-teaching staff in the day to day administration in all academic and administrative matters.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

- **Objectives:** Mentoring is the need of the hour for young graduates who have raging hormones, peer pressures, stress to perform and parental expectations. The objective of the Mentoring Cell is to give the necessary support at this juncture by catering to their cognitive, emotional and personal requirements.
- To give personal attention to every student so as to guide him/her properly to increase his strengths and overcome his/her weaknesses.
- To work in collaboration with parents so as to mould students into good human beings.

The context:

- A majority of the parent stakeholders are semi-literate and the institution needs to be an effective link between the student and the parent in keeping the parent abreast of the progress of the student.
- Students of this age are prone to confusions, temptations and a lot of pressures. Mentoring would be a wonderful means of providing support system necessary at this juncture.

The practice:

- The College has the practice of allocating students to mentors for proper and effective handholding in terms of catering to their emotional requirements, extend parental love and guide properly on various issues.
- The mentors and mentees are required to have a periodical meeting and they fill the manual which

provides various details about the student, like his parental background, social background, previous illness if any, details about the siblings, socio-economic status, previous academic performance etc. so as to help the mentor connect with the mentee and guide appropriately.

- The mentor-mentee ratio in the College is seven and each mentor has a limited number of students. Hence it becomes easy for the mentor to keep a continuous track of students' progress, requirements, growth and holistic development. All the information about the student is with the mentor.
- The student attendance is monitored daily and informed to the parents in case of absences.
- The academic performance is messaged to the parents.
- In case of ill health mentors call the parents and inform them.
- In case of any emotional upheavals as observed by the mentors, the mentees are recommended to meet the Counselling Cell members so as to sort out their confusions and emotional disturbances.

Evidence of success:

The student competencies have significantly improved due to the personal attention of mentors. The student records reveal they post impressive progress in terms of their performance both in studies and attendance. There is a positive behavioural connect between the faculty, mentees and parents. Further it is observed that parents pay improved attention to the requirements of their wards. Parents develop faith in the college and feel secure about their children.

Problems encountered:

- Mentor-Mentee system requires the time and attention of the faculty in addition to the teaching responsibilities.
- Students sometimes feel that their activities, attitude, attendance and their performance are being continuously monitored and show disinterest.

Best practice 2

Manavaseva :(Serving humanity)

KARUNA

Objective of the practice:

- To nurture the sense of social responsibility everyone should have societal concerns.
- Connect with the society will develop sense of belongingness among the students.
- Cater to the needs of the immediate community and fulfil social responsibility and thereby develop good citizenry among students.
- Develop various skills among students, viz., coordination skills, interpersonal skills, leadership skills, ability to connect with the society etc.
- Develop empathy among the students and feel empowered.
- To bring out the finer noble qualities in students.
- To develop organizing skills.

The context:

Man being a social being has to live in harmony with the society. Personal development alone is not the aim of education. Societal progress is important because India is still a developing nation.

The practice

- The College has NSS Cell besides the Institution Social Responsibility Cell (ISR) who works in coordination to draw strategies for effectively network with the community and provide the necessary helping hand.
- Women Empowerment Cell which doubles up as the Prevention of Sexual Harassment Cell, Eco Club called HARITHA will work under MANAVASEVA to identify areas of possible intervention to help the community.
- All these Cells work in the areas like Ecological concerns, community empowerment, agricultural related activities to network with the farmers in the community.
- NSS connects with the nearby villages for the purpose of Annual Camps and in the process also networks with the local community for adoption program etc.
- These Cells interact with the local Panchayat and participate in programs like etc. Any particular service required by the village is collectively done by the students like digging, soak pits, swatch Bharat, village cleaning etc.
- Medical camps:

The day before the medical camp is to be conducted in a village. Pamphlets are distributed in the village regarding the medical camp i.e. the name of doctor, timings and the free medical check-ups provided and the free medicines to be given. Students help in conducting the medical camp in a smooth way.

- Blood donation camp:

The students actively participate in blood donation camps conducted in the campus and off the campus.

- Village adoption

As the college is situated in Lankapalli, it has adopted the village. Many development programmes have been conducted through the college. Awareness about the usage of toilets and also built few toilets in the village. The college also built a RO water plant in the village to supply pure drinking water.

Volunteering

Students are encouraged to volunteer for different programme conducted outside the college.

Ex: students were sent in batches to different villages to teach electronic voting.

- Student volunteered during the Pushkaralu in supplying food packets, first aid and helping old people near the Ghats.

Evidence of success

- Social responsibility is inculcated in the students. They develop solving skills. As they have to deal with the different people in the society.
- They develop a positive attitude towards the college.

- Increases the confidence level of the students on the fulfilment of the work.

Problems encountered and resources required

- Time factor is a challenge as the work done is like a drop in the ocean.
- During blood donation camps, students volunteer for blood donation but nearly 90% of the women are under weight, or their haemoglobin percentage is very less and therefore unfit to donate blood.
- Students miss valuable classes.

File Description	Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Sri Sunflower College of Engineering and Technology has a clear Vision to pursue excellence in delivering the best technical education with values.

The management inspires the Principal, Vice-Principal, heads of the departments Staff and students to strive for the fulfilment of its vision and mission. Regular meetings are conducted to discuss the academic and administrative plan and its proper implementation.

Every department has its own vision and mission in coordination with the college's vision and mission. And it is displayed in every department.

Concessions and scholarships are offered to students who are economically backward.

The following is a list of distinctiveness of the institution

1. Appealing infrastructure.
2. Student centred learning.
3. Qualified and trained faculty.
4. The separate training and placement cell.
5. A separate research and development wing.
6. Research general publication.
7. Student teaching seminar.
8. Industrial visits and tours.
9. Regular seminars and guest lectures by experts.
10. Conduction of national technical fests.
11. Free GRE, GATE coaching.
12. Counselling and mentoring of every student.

- 13. Faculty development programme.
- 14. General sensitivity programmes.
- 15. Teaching life skills such as communication skills, aptitude, reasoning etc.
- 16. Serving the society through Manavaseva.

File Description	Document
Link for Additional Information	View Document

NAAC

5. CONCLUSION

Additional Information :

Sri Sunflower College of Engineering and Technology is the outcome of the noble thought of providing urban amenities in rural areas.

This self-study report 2018 submitted to NAAC is a collective effort of the management and faculty. It briefs about the quality management contribution of faculty and students, active teaching, learning process and evaluation process, the social responsibilities and skill development program for the past 5 academic years (2013-14 to 2017-18).

However, much has to be done, as learning never ends. The college is always ready to improve itself in keeping up to the changing standards of global education

Concluding Remarks :

We are very pleased to prepare the self study report as per the format given by NAAC. This has given us an opportunity to compile and understand the various aspects of quality education. We have prepared the report, to the best of our knowledge and understanding. We sincerely hope that we meet the expectations of NAAC Committee for accreditation process.

I, as the Principal and the Head of the institution, heartfully congratulate all the members of NAAC steering committee, IQAC cell and all the staff members who lent their support directly or indirectly in preparing the SSR.