Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SASURIE COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Dr.R.Radhakrishnan**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04294243675**
Mobile no.	**9442593839**
Registered Email	**sceprincipal@sasurie.com**
Alternate Email	**info@sasurie.com**
Address	**Nadupatti, Vijayamangalam**
City/Town	**Tiruppur**
State/UT	**Tamil Nadu**
Pincode	**638056**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof. P. Muruga Priya**
Phone no/Alternate Phone no.	**04294243675**
Mobile no.	**9442593815**
Registered Email	**sceiqac@sasurie.com**
Alternate Email	**sasurieqac@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://sasurieengg.com/internal-quality-assurance-cell-iqac/aqar

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://sasurieengg.com/academic-calendars

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.20**	**2016**	**25-May-2016**	**24-May-2021**

6. Date of Establishment of IQAC	**04-Jun-2016**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Academic and Administration Audit	**30-Apr-2019** **1**	**142**
Academic and	**30-Nov-2018**	**142**

Administration Audit	1	
IQAC meeting	04-Jan-2019 1	20
IQAC meeting	28-Jun-2019 1	20
Seven Odd semester Value Added Courses were conducted	18-Jun-2018 5	651
Seven Even semester Value Added Courses were conducted	10-Dec-2018 5	651

L::asset('/'),'public/').'/public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'.$instdata->upload_special_status)}}

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2019 0	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link]
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View Uploaded File]
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**Yes**
If yes, mention the amount	**272000**
Year	**2018**
12. Significant contributions made by IQAC during the current year(maximum five bullets)	

Academic Audit: The Academic activities conducted in the previous semester were verified through Academic Audit

14 Value Added Courses were conducted to bridge the gap between curriculum and industry needs and more than 90% of students were actively participated and received the participation certificates

12 Research methodology programmes were conducted to address the crosscutting issues in recent research areas

2 IPR activity seminar/workshop were conducted to enrich the knowledge of Indian patent laws to file the patent

2 EDC programmes were conducted for the benefit of the students to become successful entrepreneur

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

Plan of Action	Achivements/Outcomes
Funding Proposals	All departments submitted 3 RPS and 5 STTPS for AICTE funding.
Extension activities	Blood donation camp, de-worming programmes, Voter's Awareness Program have been organized for the benefit of society.
Entrepreneurship Development Programme	Entrepreneurship Development program has been organized in connection with Ministry of Micro, Small and Medium Enterprises for giving awareness for start-up.
Skill development Programme	Students' communication and technical skills have been enriched through Aptitude and communication training; value added courses and project development trainings
Teaching Learning Process	Activity based learning has been introduced in order to make better understanding of subjects. In addition to regular curriculum, various technical programs such as seminars, workshops, guest lecturers etc; were conducted in order to enrich the students' skills in both theoretical and practical. Subject supplementary sessions has been arranged to the analytical subjects for better understanding. Quality of the teaching

	has been ensured through class committee meeting as well as direct feedback from students. Outcome based Education has been trained to the faculty members. Teaching pedagogy and Research Metholodology programmes have been organized for Faculty members for implementing new method of teaching and improve their teaching in research based learning.
Documentation	IQAC ensures files maintained by the departments in various activities as per the NAAC criterion by conducting periodical internal audits by experts. Based on the audit report, necessary corrections have been made and documented.
[View Uploaded File]()	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Management	17-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2018**

Date of Submission	**24-Dec-2018**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**List of Modules: 1. Students Database 2. Attendance 3. Marks Management 4. Hostel Students Database: Students Database contains the detailed information of every student like Reg. Number, Name, Address, Parents Information, Blood group, contact information, etc. Attendance: Hourly based attendance management system, through which reasons Can be mentioned for absentees and on duty Students. Bulk marking feature is embedded with append periods option, append period**

feature is useful for continuous hours like laboratory Sessions. Mark Management: Internal Assessment Marks, slip test marks, Model Examination marks can easily be managed through this module. Reports can be taken subsequently for all the mentioned assessments. Hostel: Attendance management of hostel Students managed by this module. Through marked Attendance Mess bill details can be calculated at the ease.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Sasurie College of Engineering (SCE) is affiliated with Anna University, Chennai, and adheres strictly to the curriculum and syllabus prescribed by the University. SCE has established a comprehensive framework for the effective implementation of this curriculum. The institution develops and deploys action plans in the following ways: Development Action Plan: • Academic Schedule: The curriculum and academic schedule prescribed by Anna University are strictly followed. SCE has its own action plan for the effective implementation of the curriculum. • Academic Calendar: SCE's academic calendar is based on the tentative schedule of Anna University. It includes the semester start date, the number of working days, daily tests, internal test schedules, holidays, and co-curricular and extra-curricular events such as VAC, RM, EDC, IPR, skill development courses, Annual Day, Sports Day, and the celebration of various national and international days. • Heads of Departments Meeting: The Principal conducts meetings with the Heads of Departments as needed to discuss academic and administrative issues. These plans of action are then discussed in department meetings. • Lesson Plan: Each faculty member prepares a detailed lesson plan for their subjects, including tentative dates and topics covered, actual completion dates, reference books, and HOD's review. This plan outlines how lecture classes will be conducted throughout the semester. SCE employs various teaching methods such as video hours, technical quizzes, seminar presentations, workshops, and other techniques for better understanding of the subjects. • e-Course Material: E-course materials are prepared for each course and uploaded on the college website for effective student learning. • Faculty Development Program (FDP): FDPs enhance faculty knowledge, upgrade teaching methodologies, and review the quality of education through innovative teaching. • Industrial Knowledge: Students are encouraged to attend industrial visits and in-plant training. Project competitions (Tec-novation), seminars, workshops, and guest lectures are conducted to prepare students for industry readiness. • Club Activities: Various programs are arranged through club activities to foster innovative ideas among students. • Conduct of Examination: The centralized Examination Cell is responsible for conducting both internal and University examinations in accordance with the academic calendar of SCE and the Anna University Examination Schedule. • Evaluation System: SCE maintains a robust and transparent evaluation system, evident through the operation of the examination committee and mechanisms for resolving grievances. • Role of IQAC: The IQAC cell conducts routine academic audits to monitor the progress of each course and initiates corrective measures with action plans. • Daily Test / Slip

Test: In addition to regular internal tests, daily tests/slip tests are conducted to improve the academic performance of students. • Special Coaching Class: Remedial and evening classes are conducted for slow learners during evening hours. • Subject Supplementary Session: Supplementary sessions are arranged for the betterment of students by experts from reputed institutions and industries. Documentation: Faculty members of SCE maintain comprehensive course files and academic theory and practical logbooks for each course to document their day-to-day academic activities. Result analysis meetings with senior faculty members are conducted, and suggestions are put forward to improve student performance.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
0	0	Nil	0	0	0

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	0	Nill
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	CIVIL ENGINEERING	02/07/2018
BE	MECHANICAL ENGINEERING	02/07/2018
BE	COMPUTER SCIENCE AND ENGINEERING	02/07/2018
BE	ELECTRONICS & COMMUNICATION ENGG	02/07/2018
BE	ELECTRICAL AND ELECTRONICS ENGG	02/07/2018
ME	VLSI DESIGN	02/07/2018
ME	COMPUTER SCIENCE AND ENGINEERING	02/07/2018
ME	POWER ELECTRONICS AND DRIVES	02/07/2018
Mtech	INFORMATION TECHNOLOGY	02/07/2018
MBA	MASTERS IN BUSINESS ADMINISTRATION	02/07/2018
ME	APPLIED ELECTRONICS	02/07/2018

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

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year		
Value Added Courses	Date of Introduction	Number of Students Enrolled
14	Nill	660
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1.3.2 – Field Projects / Internships under taken during the year		
Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
Nill	Nill	0
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained

Sasurie College of Engineering (SCE) obliges the feedback collection process to enhance the academic performance and ambiance of the Institution for an active learning process. Every academic year, the IQAC of SCE ensures and takes necessary measures to improve the quality of teaching and learning process by collecting feedback from various types of stakeholders such as Students, Faculty, Alumni, Parents and Employers about academic performance and ambiance interms of Academic facility and Infrastructure. The collected feedback about academic performance, curriculum, Academic facility and Infrastructure ambiance are analyzed. The collected views/suggestions from various types of stakeholders are represented to the concerned committees like Board of Studies (BoS) of Anna University and Governing Council Committee of SCE to take necessary corrective action against the feedback analysis report. The following categories of feedback forms are circulated to the stakeholders and collected the filled in feedback forms for further analysis with the help of IQAC team of SCE. Students Feedback on Faculty Teaching and Learning: Academic Performance (Curriculum) and Ambiance (Infrastructure facility): Finally, SCE obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	628	33	114	26	140

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
140	140	140	43	43	43
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Student mentoring system is available in our institution. The total numbers of students of a particular department are divided by the number of the faculty members of the same department. Mostly 1: 4/5 ratio is attained. A student profile is maintained for each student. The profile consists of the personal Biodata entry, Semester marks entry and Achievements of the students entry that will be recorded for every semester. A counselling format is given where the mentor has to counsel the students four times a semester. This profile also includes the entry page for parents meeting. All the slip test and Internal marks has to be recorded in the profile. When a Student Profile is taken for a particular student all the details will be reflected. The same profile will be maintained for the four years and regular updating will be done. The Head of the department has to verify for each semester.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
661	140	1:5

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
140	140	0	31	12

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

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

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

the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Assessment of performance, being an integral part of teaching and learning process, our institution has adopted the CIE system to assess all aspects of a students development on a continuous basis throughout the year. The induction programmes at the onset of every semester /year are held addressing the new entrants. Teaching plan contains evaluation procedures. Academic calendar (university and college) with dates Gradual amendments in the evaluation process through tutorial meetings from Descriptive pattern > Short notes > Viva > MCQ Result analysis after every Internal Assessment Review meeting with Parents / Guardians are held at the onset of every new semester /year. Tutorial /Remedial classes are conducted for slow learners, absentees and the students who participate in sports, NSS, NCC etc.

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

The institution prepares the Academic Calendar for every semester during the end of Even Semester. The Calendar includes number of working days. The weekly plan and monthly is mentioned in the calendar. The Principal with Head of department meetings and head of the department with faculty meeting will be conducted every Tuesday and Wednesday of the every week. The department programs, common programs and common holidays are mentioned. It also includes the day when the value added courses conducted, The Internal tests. Model exams, University Practicals and Theory exam dates are highlighted. The college last working day of the semester will be the end of Academic Calendar.

2.6 – Student Performance and Learning Outcomes

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

https://sasurieengg.com/criteria2/2_6_1.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

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

https://sasurieengg.com/internal-quality-assurance-cell-iqac/sss/

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Qualitative Research Approaches in Computer Science Engineering	CSE	17/08/2018
IPR Strategies for Startups and Small Businesses: From Inception to Expansion	IPR	24/10/2018
The Future of Intellectual Property Rights: Emerging Technologies and Legal Frameworks	IPR	12/03/2019
Sensors and Actuators Research Methodologies	ECE	24/01/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
0	0	0	Nill	0
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
5	Sasurie Centralized Incubation Cell	Self	Sasurie Centralized Incubation Cell	Self	02/07/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
0	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
No Data Entered/Not Applicable !!!			
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS	Tree Plantation programme Nadupatti	Village president, Nadupatti Panchayat	50

NSS	Campus Cleaning programme in Saravanapuram Government Hr.Sec. School	Head Master Hr.Sec.School	52
NSS	Enriching computer knowledge to school students	Head Master Hr.Sec.School	56
YRC	Door to Door meeting about toilet usage	Village president, Puthurpalla Palayam Panchayat	50
NSS	Tree Plantation programme Periyapalayam	Village president, A. Periyapalayam Panchayat	52
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

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

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

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
[View File](#)					

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
35	33.84

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Nill	Newly Added

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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
AUTO LIB	Fully	latest	2018

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
0	0	0	Nill
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	240	240	0	0	0	10	10	100	0
Added	60	60	0	0	0	0	0	100	0
Total	300	300	0	0	0	10	10	200	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility

0	0

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
2.5	2.16	35	34.2

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

Laboratory Facilities: COMMUNICATION LABORATORY: Objectives To equip students of engineering and technology with effective speaking and listening skills in English. To help them develop their soft skills and personality traits, which will make the transition from college to workplace smoother and help them to excel in their jobs. To enhance students performance during placement interviews, Group Discussions and other recruitment exercises. Salient Features of the Lab A sophisticated and decorated lab with wooden wallpanel. Digital Hometheatre speaker systems Roof speakers with studio master and woofer. Head phone for each student. Networking of all systems with Teachers Console system. Monitoring and supervising the lab practical's by the lecturers in English. PHYSICS LABORATORY The Physics department has a well equipped laboratory, to provide an experimental foundation for theoretical concepts in the lectures. It is important that students have an opportunity to verify some of the ideas for themselves. We implement the upgraded syllabus of the Anna university practical oriented experiments. The well equipped electrical, thermal and diffracted pattern of following instruments is being used. • Meter bridge • Band gap • Thermal conductivitylee's disc • Spectrometer • Laser CHEMISTRY LABORATORY The Chemistry department has a well equipped laboratory, to provide an experimental foundation for theoretical concepts in the lectures. It is important that students have an opportunity to verify some of the ideas for themselves. Chemistry department has facilities for conducting analytical work, chemical investigation of water analysis like hardness, alkalinity dissolved oxygen, PH and analysis of metals. Instruments like • Flame photometer • Spectrophotometer • Potentiometer • PH meter • Conductivity meter etc., Class Room Facilities Technology needs to be integrated into teaching and learning process and the Institution has done the best to ensure it in these well equipped classrooms. Technology has been deployed for better studentteacher interaction, productivity and communication. It makes teaching and learning simpler and enjoyable. • Lecture Halls • Tutorial Rooms • Seminar Hall • Conference Hall Library Facilities: The library transactions are carried out by Bar code Technology. It has the facility of Web OPAC online search. So the library catalogue can be accessed through internet. The library is being subscribed to the Eresources. The library functions from 8:00 A.M. to 8:00 P.M. on all working days. Sports facilities: • The college provides varied extracurricular activities in Sports for training the students in Physical Education Gymnasium for both hostlers and dayscholars. • The college offers free admission for the students to practice sports and athletics in the nonworking days. • We offer regular and standard coaching for the students through qualified Physical Director qualified Physical Trainee team of faculties. Teaching AIDS White Board Green Glass Board Over Head Projector LCD Projector.

https://sasurieengg.com/criteria6/6_4_1_resourcemob.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	**State Central Government Scholarship**	**583**	**15791725**
Financial Support from Other Sources			
a) National	**0**	**0**	**0**
b)International	**0**	**0**	**0**
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
No Data Entered/Not Applicable !!!					
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	**0**	**0**

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
15	**112**	**111**	**Nill**	**0**	**0**
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to

Nill	0	0	0	0	0

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

Items	Number of students selected/ qualifying
Civil Services	1

<div align="center">No file uploaded.</div>

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		

[View File]

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						

[View File]

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

Student's Union (ARENA) of the college works for the benefit of the students throughout the year and pursues several activities within and outside the college campus. The major activities pursued by the Student's Union in 201819 are Cultural Activities: guide assist freshers ?To organize different cultural and social programs throughout the year To organize all outdoor and indoor sports competitions To maintain healthy relations between teaching, nonteaching staffs and students To take care of the academic interest of the students To publish annual magazine and wall magazines in due courses To assist in conducting all the academic tours and field works throughout the year The President of the student's union , according to the statute, may participate in the Governing Body meeting.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

• The Alumni Association of Sasurie College of Engineering (SCE) is officially registered under the Government of Tamil Nadu Societies Act of 1975 (Tamil Nadu Act 27 of 1975). It serves as a vital link, fostering lifelong connections and creating a supportive network for students and graduates. • The association functions to connect alumni, faculty, and current students, creating a robust network of support and collaboration. • Alumni from SCE have excelled in various fields, demonstrating their talents and achievements across diverse industries. • The college values its strong ties with alumni, organizing an annual alumni meet to facilitate interaction and collaboration among former classmates. • These gatherings provide a platform for reminiscing, sharing experiences, and exchanging professional insights. • A dedicated registration process, accessible through the college website, ensures the official enrolment

of alumni members. • During their visits, alumni often take nostalgic tours of the campus, noting developmental changes and infrastructure enhancements. • Their curiosity about the progress of current students fosters a sense of community and mentorship. • The Alumni Association conducts annual meetings to strengthen ties between graduates, the alma mater, and the broader community. • These events celebrate shared experiences, friendships, and achievements. In addition to the annual alumni meet, former students actively engage with the institution in various capacities: • Distinguished alumni are invited as chief guests for departmental events and technical symposiums, where they share valuable insights into their fields and discuss job opportunities and industry trends. • The alumni association organizes guest lectures, seminars, and workshops, providing students with interactive learning and skill enhancement opportunities. • Alumni in recruitment roles often extend job opportunities to their juniors, facilitating employment for fellow graduates.

5.4.2 – No. of enrolled Alumni:

112

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

2

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Internal Exams The internal exams were conducted on the decentralization basis. The coaching class before the commencement of the exams depends on the subject they are studying either theoretical an Analytical. The departments are given individuality to take their decisions for the conducting of their exams and coaching classes. 2. Department Programs : The Activities conducted for the students are based on their individuality . Their own departments can conduct their own programs depending on the requirement of the students' Seminars, workshops and Conference are based on the topics needed by the students.

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

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Apart from the laboratories required for the curriculum, the following centers of excellence facility were established for imparting value added courses for the students. 1. Embedded Systems in association with UTL Technologies 2. Embedded Systems and IoT in association with Pantech Solutions Pvt Ltd 3. PCB Designing Manufacturing in association with Pantech Solutions Pvt Ltd 4. VLSI

	Design and Implementation using FPGA 5. Lab View in association with Ccube Technologies 6. Raspberry Pi Python Programming in IoT Platform in association with Pantech Solutions Pvt Ltd 7. Department of Electronics and Communication Engineering have been recognized as a Research Centre by Anna University with effect from 04.10.2017. Content beyond the syllabus was handled in each subject during the class hours. Field visits was established for the relevant subjects.
Admission of Students	The admission for undergraduate courses is on the basis of Tamil Nadu Engineering Admissions (TNEA) ranking and counseling. For the Post Graduate Programmes it is through TANCET. Admissions for Management Seats are through an Admission Committee constituted by Management. The Admissions are made in transparent and fair manner.
Industry Interaction / Collaboration	Do more number of Industry Interaction for the students, to getting funds (funded project) from the Industry /do the projects support from the Industry collaboration like, • Lakshmi Electricals • PANTECH Solutions •Sakthi Auto Components Pvt. Ltd • UTL Technologies • Shine Logics. • CCube Technologies
Human Resource Management	The institution has a mechanism of notification of regular posting and to conduct interviews. It recruits faculty members (both teaching and nonteaching) based on the guidelines provided by the university. Adequate number of qualified faculty members is appointed through the procedure of open advertisement and interview by expert committee. •The recruited faculty is deputed to undergo faculty development program to enhance the Teaching learning Process. •The faculty members are placed treated well and they work with entire job satisfaction in a conductive environment. •Various orientation programmes for both teaching and nonteaching faculty for upgrading their skills have been arranged. • The institution provides maternity leave for women faculty members. •Provisions are there for sabbaticals assistance to faculty members in continuous service of the institute, for pursuing higher studies,

		conducting research by spending time away from institute.
	Library, ICT and Physical Infrastructure / Instrumentation	• Central Library has rich collection of text and reference books, journals, magazines, audio/video CDs, research reports, online journals, database analysis software, etc in all disciplines. • In 20192020, 524 no. of volumes have been purchased covering worth of 44823. Totally 103 national journals available on various subjects are available. All the students and faculty members have an access to the 250 ejournals, IEEE and Delnet. • The library facilities are accessible till late night on all days. Apart from this, the digital library with internet connection is made available till 7pm on all working days All departments submitted 3RPS and 5 STTPS for AICTE funding. Students are encouraged to develop many projects related to their area of interest. They are given the hands on training with the the software what they want to develop their projects. • SASURIE ELCOM SOLUTIONS (SES) : a startup training center has been established to provide the solutions for real world problems related to electronics and communication engineering, developing products as per the customer needs, providing appropriate solutions to the researchers and imparting the basic skills required for budding Engineers to face today's challenges in the competitive world.
	Examination and Evaluation	Five cycles of Daily test are conducted before the internal exams. Two internal exams and one model exam is conducted before they appear for University Examinations. Two periods coaching is given before they write their internal examinations. Prepared a 2 Set of questions for each subject in Unit Test Key hints prepared for corresponding Questions by the corresponding subject faculty.
	Teaching and Learning	• Black board, PPT, videos (NPTEL) presentation class was handled. • Animated Videos (Innovative Teaching Aids) during the class hours. • Used the real time working modes like that IOT Devices and Image Processing using Raspberry pi and Aurdino, Embedded system etc., • Students are given assignments based on the subjects they

study. Mostly they are given a case • study for knowing advanced topics of the subjects.

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

E-governace area	Details
Administration	Among the above areas of operation the Planning and Development, Administration, Student Admission and Support are brought under the egovernance. The Finance and Accounts , Examination are under manual governance. The above are maintained under an ERP Software Inspro Plus where all the entries and report generation are done only through this software.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

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

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

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
140	140	37	37

6.3.5 – Welfare schemes for		
Teaching	Non-teaching	Students
8	8	8

6.4 – Financial Management and Resource Mobilization

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

Institutional strategies for mobilization of funds and the optimal utilization of resources: The institution derives its income from various sources, including: 1. Tuition Fee 2. First Graduate (FG) Scholarship 3. Post-Matric Scholarship Scheme (PMSS) 4. Indirect Income: Derived from hostel and transport fees paid by students and interest earned from fixed deposits maintained for financial stability, as per AICTE regulations. Income Allocation: 1. Staff Salary 2. Students Welfare Expenses 3. Maintenance Expenses 4. Miscellaneous Expenses This allocation ensures effective management and utilization of income for the institutions growth and development. SCE has well-established procedures for both internal and external financial audits: Internal Financial Audit: 1. Budget Proposal: Heads of Departments (HODs) prepare budget proposals for the upcoming academic year, covering various expenses such as lab installations, equipment purchases, infrastructure changes, and event funding. These proposals are submitted to the Principal and presented to the Governing Council for approval. 2. Expense Verification: Actual expenses incurred during planned events are cross-checked with the approved budget by internal finance audit members, comprising the accounts officer and administrative officer. Bills are then submitted to the Principal for approval and subsequent accounting. 3. Equipment Verification: For equipment-related expenses, HODs must provide working status certificates and stock registers or consumable registers for approval from the Principal. 4. Internal Stock Audit: Faculty members from other departments conduct periodic audits of departmental stocks, including equipment, consumables, and furniture, comparing physical inventory against maintained stock registers. A consolidated report with any remarks is submitted to the Principal. External Financial Audit: 1. Dedicated Auditor: The college employs a dedicated auditor, also a member of the Governing Council, to maintain accounts in compliance with government norms. 2. Biannual External Audits: External audits are conducted every six months to ensure the accuracy of accounts for timely submission to the Income Tax department. This includes verification of Tax Deducted at Source (TDS), EPF payments, Professional Tax payments, and other mandated payments. 3. Computerized Accounting: The accounts department utilizes Tally software for accounting and ERP software for cashier transactions, ensuring accuracy and efficiency in fee collection and record-keeping. 4. Financial Monitoring Practices: - Transaction Transparency: All transactions are supported by bills and vouchers, maintaining transparency. - Cash Handling: Single-point cash transactions are conducted to enhance accountability. - Electronic Payments: Payments to suppliers and service providers are predominantly made through bank transactions. - Procurement Practices: Purchases of equipment, furniture, and machinery are done through a competitive bidding process, with the purchase committee making decisions based on quality and cost comparisons. - Account Verification: The accounts office, overseen by the auditor, meticulously verifies and monitors all financial aspects of the institution.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nill	0	0

No file uploaded.

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Anna University	Yes	IQAC
Administrative	Yes	Anna University	Yes	IQAC

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

 • One to one communication is done between parents and Class Teacher for the better improvement of the students and the parents come to about their ward. • SMS communication done for the parents in case if they are absent either informed or not informed. • The placed students are honoured in front of their parents celebrating as Achiever's day

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

 • The supporting staff is taken for external Faculty development programmes on the topics such as stress management. • They are given training in the usage of computers with internet. • All type of online transactions which are considered to be important are given awareness to them.

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

 • Regular Audit is done for the proper maintenance of the records. • Faculty members and students are encouraged to join in many programs, seminars, workshops and conferences. • Various development initiative measures are taken on Admission of students for UG and PG. • Many funding projects are concentrated

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Academic and Administrative Audit	27/12/2018	27/12/2018	29/12/2018	140
2019	Academic and Administrative Audit	29/05/2019	29/05/2019	31/05/2019	140

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women Empowerment	09/03/2019	Nill	210	315

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

Percentage of power requirement of the University met by the renewable energy sources
The Institution is very conscious of its responsibilities to the environment. The Campus maintains a Clean and Green campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
View File							

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

Title	Date of publication	Follow up(max 100 words)
Service Rule Book	02/07/2018	Rules are strictly implemented and followed by all the students. Deviation if any, immediate action will be initiated against the delinquent. Rule Book is updated time to time based on the AICTE, Affiliating University, State/Central Government and Management Policies.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International	19/06/2018	19/06/2018	428

Yoga Day Celebration				

No file uploaded.

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

The ERP system is implemented for most of documents purpose. The avoidance of the usage of plastics is insisted. The motor vehicles are permitted only up to certain limit to maintain air. Usage of recycling products encouraged. Women Development Cell provides sanitary pads of cotton which is easy disposable.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual Response: Best Practice 1 1. Title of the practice: "Keep on updating the recent technology to Bridge the Gaps and achieve the Dreams" 2. Objectives of the practice The approach of SCE towards grooming students goes beyond the confines of classroom teaching. We recognize the importance of providing a comprehensive educational experience that encompasses intellectual, emotional, and social facets. We aim to empower our students to explore their passions, discover their strengths, and cultivate essential life-skills through a special program called "Keep on updating the recent technology to Bridge the Gaps and achieve the Dreams". 3. The Context Through this best practice, we implement a series of programs like Induction Program , Value Added Course Program, "Research Methodology Program", "Skill development and Enhancement Programs", Career guidance and counseling Program and Job Hunters given to first year to final year students and ensuring a holistic education experience to update with recent technologies. 4. The Practice (i) Induction Program: This program is exclusively dedicated for first-year students, cultivates confidence and resilience beyond conventional orientations. Designed to eliminate barriers and foster connections, it offers spoken English, singing, debating, and group discussion skills. Yoga and Meditation classes are conducted periodically. We emphasize aptitude, logical thinking, and creativity through activities like clay modeling, poetry, and drawing. Motivational lectures, quizzes and projects, encouraging students to step out of comfort zones and discover their strength in overcoming challenges. (ii) Value Added Course Program: To bridge the curricular gap in the curriculum and industry readiness, VACs are offered by all departments in association with various industries to upgrade the knowledge in recent technology. These courses enhance employability skills and groom the students as successful Professionals. (iii) Research Methodology Program To cultivate the research methodology among the students, every department of SCE organize the cross cutting research issues in their relevant field of research area. This will be highly helpful to bridge the curriculum gap and prepares the students to industry readiness. (iv) Skill development and Enhancement Programs IQAC of SCE actively conducts the soft sill, language and communication skill, life skill and ICT/recent technology skill enhancement programs to overcome the intellectual issues faced by the students and create them to face the society with more confidence. (v) Career guidance and counseling Program IQAC and Training and Placement cell of SCE regularly organize the career guidance program to create awareness about competitive examination, importance of higher education among the students. These programs are highly helpful to overcome the fear about the competitive examinations conducted by state and central government. The career counseling program is promoted in terms of Mentor-Mentee system of SCE, each dedicated faculty member is paired with 8 to 10 students, creating a supportive network where academic and personal guidance converge. Our faculty members are committed to assisting students not only in their academic pursuits but also in navigating personal challenges. Through this

personalized approach, we foster an environment where students receive tailored support, ensuring a holistic and enriching college experience. (vi) Job Hunters Program The Job Hunters Program" readies final year students for successful careers with specialized courses and practical training. Covering aptitude and interview techniques, it equips graduates for the competitive job market. Going beyond academics, it ensures proficiency and prepares students for the professional world. By linking education to employment, this program empowers students to launch rewarding careers with confidence and a strong foundation. Evidence of success • Value added courses were conducted to promote the individual strength of students to bridge the curricular gap. • Students get practiced to positive thinking in approaching any situation through Skill development and enhancement program • RD activities are promoted through research methodology program • Students gain knowledge and exposure by attending career guidance and counseling programs conducted by the Institution. • Mutual sharing of subject knowledge and leadership capacity are improved through job hunter program, which increase the Employability skills of students. Problems encountered and resources required: • Due to tight academic schedule, time management is difficult. Otherwise the regular studies may get affected. • Framing of Team members to bring expected output and training them becomes stringent. Best Practice 2 1. Title of the practice: "Cultivating Social Corporate Responsibility through NSS, YRC and RRC units of SCE to Promote Environment and Sustainability" 2. Objectives of the practice • To engage students in promoting social welfare activities and responsibilities to addressing the social issues faced by the village people with its solution. • To provide education on various areas such as health and hygiene, safety, environmental conservation. • To create awareness on pursuing higher education among rural students. 3. The Context SCE is located in rural area and most of the people in the surrounding villages are uneducated and unaware of many social issues. Hence our NSS along with YRC and RRC takes responsibility to equip communities with skills, knowledge, and tools to improve their circumstances. 4. The Practice (i) Community Services and Awareness Creation • Our College NSS/YRC/RRC team engages in spreading knowledge, igniting awareness, and nurturing understanding on multifaceted societal issues. • Engage in diverse initiatives like Aadhaar correction camp, voting awareness, e-Vehicle usage, • Safety on electrical hazard, obeying traffic rules etc. • Cleaning the temple, campus cleaning in Government schools, etc. promotes "Clean India Mission". (ii) Education • Our team of SCE actively engages in disseminating knowledge through educational programmes. • Career guidance programme for higher secondary students, Yoga, Guidance for Civil Services Examination, Science Exhibition, etc. are conducted to educate village students. • Communication and Computer skills for school students. • Creating awareness on pursuing higher education among rural school Students (iii) Environmental Conservation NSS Volunteers educate people towards importance of • Tree planting, • Water conservation, • Promoting the use of renewable energy • Preserving earth for eco-friendly environment (iv) Healthcare Campaign • The units of SCE team actively engaged in healthcare campaigns by organizing medical camps, eye checkup, etc. in under-served areas. • By collaborating with healthcare professionals from Government Hospitals, SCE conducts eye check up camp, Vaccination awareness camp, blood donation camp, etc., • Creating awareness on Breast cancer symptoms, wearing mask, HIV/AIDS and other hygienic practices. • Through these concerted efforts, communities are equipped with knowledge and resources leading to healthier lives. (v) Other Contributions • Apart from above service activities and awareness programmes SCE also focuses on contribution for deserving societies. • Fund raised by staff and students yearly towards contribution for visually challenged student's education, Orphanage, etc., 5. Evidence of success • Students' participation willingly in the programs every year shows their interest towards social corporate responsibility. • Based on new experience gained from society, our students

developed products like "Automatic SMS based Irrigation Field Motor Control Systems" and "High Power Rating Three Phase Change over System". Based on their needs our students also developed projects like "Water Quality Monitoring System", "Agricultural Monitoring System", "Home Automation etc. and submitted in "Smart India Hackathon". • About 84 extension and outreach programs are conducted during past five academic years. 6. Problems encountered and resources required • Limited funding, materials, and logistical support can hinder program execution. • Time constraint for R D activities. • Non co-operation of communities due to various cultural barriers. • Ensuring consistent and active participation of volunteers can be challenging.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://sasurieengg.com/internal-quality-assurance-cell-iqac/best-practices/

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Empowering Students – To serve the technical need of Society as a successful Professional Sasurie College of Engineering was established by the Ponmudi Muthusamy Gounder Trust in 2001 with the vision of rural empowerment. The institution offers 8 undergraduate programs [B.E. – Civil, CSE, ECE, EEE, Mechanical, CSE (Cyber Security) and B.Tech – AI DS, IT] and 6 postgraduate programs [MBA, M.E. – CSE, Applied Electronics, VLSI Design, Power Electronics and Drives and M.Tech. – IT]. The institutions always had visionary leaders at the helm, starting with the founder, Shri A.M. Kandaswami, an eminent industrialist and philanthropist, who firmly believes that education can transform lives, especially in rural areas. Teaching Learning Process SCE offers an optimal setting with a proficient faculty to elevate the teaching and learning journey. Emphasizing critical thinking, communication, and creativity, the institution employs outcome-based methods and skill-centric approaches. Leveraging digital resources and academic engagements, theres a marked improvement in students cognitive skills and educational advancement. Additionally, a mentorship program is in place to address concerns of struggling students. Consistently administering assignments, tests, and evaluations to enhance student performance in semester examinations. . Infrastructural facilities SCE, nestled in a 10.61 acre near vijayamangalam village, boasts spacious classrooms equipped with LCD projectors, an auditorium, seminar halls, tutorial spaces, common rooms, restrooms, and essential facilities. Our laboratory features comprehensive equipment, Computer Centre with high speed internet facilities emphasizing experiential learning. To combat power disruptions, weve installed a power house, solar panels, UPS systems, and inverters across classrooms, labs, hostels, and street lights. Specifically designed facilities such as stretchers, ramps, and toilets cater to the needs of physically disabled individuals. Our college prioritizes Research and Development in diverse Engineering fields, engaging in initiatives like Smart India Hackathon (SIH), patent filings, seeking research grants, and hosting programs on Intellectual Property Rights (IPR) and through the Entrepreneurship Development Cell (EDC) to enhance Entrepreneurship skills. Students gain hands-on exposure to cutting-edge technologies through Industrial Visits. With high-speed Wi-Fi, indoor/outdoor sports facilities, hostel accommodations, Hygienic canteen facility gymnastics, yoga amenities, Health care centre with Ambulance Service for Medical Emergency and GPS-equipped safe transportation covering a 50KM radius, we ensure a secure, enjoyable, and comfortable environment for students. Students' activities and achievements Throughout the year, a range of activities, starting with an induction program for newcomers, along with cultural, sports, social events, and competitions

such as essay writing, poetry, debates, drawing, singing, dancing, and face painting, are organized. These activities foster creativity and teamwork among students. Seminars, training sessions, and competitive events, including inter and intra-college technical fests, provide exposure, resulting in students winning prizes. Various clubs are established to promote interpersonal skills. Incubation Centre Through this centre, students are mentored to start-up innovative projects in the campus and develop them to meet the societal needs. They not only try to find solutions for real life problems but also translate ideas to products and act as a platform for easy commercialization with minimal commercial values.

Provide the weblink of the institution
https://sasurieengg.com/internal-quality-assurance-cell-iqac/distinctiveness/

8.Future Plans of Actions for Next Academic Year

1. Applying for more government funds to serve the society. 2. New initiatives for the improvement of the Admission process. 3. Taking initiative for the students to clear all their arrears before completing their course. 4. Conduction of VAC with respect to recent trends in their discipline to bridge the curricular gap. 5. Encouraging students to undertake Internship/field work/project work/product development work 6. Encouraging students to participate in sports and cultural activities. 7. Motivating to apply and receive patents 8. Conducting many capacity-building and Skill enhancement programmes for the upliftment of the students. 9. Motivating the students to pursue their higher studies. 10. Guiding the students to appear for many competitive exams.