



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution		SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING
Name of the head of the Institution		Dr Kemthose P Paul
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04842597800
Mobile no.		9446742522
Registered Email		info@sngce.ac.in
Alternate Email		principal.sngce@gmail.com
Address		SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING, KADAYIRIPPU, KOLENCHERY, ERNAKULAM DISTRICT, KERALA
City/Town		ERNAKULAM
State/UT		Kerala

Pincode	682311																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Rajesh Kumar R																		
Phone no/Alternate Phone no.	04842597800																		
Mobile no.	9447747158																		
Registered Email	iqac.sngce@gmail.com																		
Alternate Email	jyothispublishers@gmail.com																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.sngce.ac.in/home/iqac																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://ktu.edu.in/eu/att/attachments.htm?download=file&id=ayj3kAIX30%2FK2echA%2B3JtZWu218sa5to1f9iVoko8do%3D&fileName=&downloadType=OmqUJ63UTPMTPx7mXtcCJ%2FKTf%2BdmlsgEo0Nr9U55I%2BE%3D																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.63</td> <td>2015</td> <td>14-Sep-2015</td> <td>14-Sep-2020</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.63	2015	14-Sep-2015	14-Sep-2020
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.63	2015	14-Sep-2015	14-Sep-2020														
6. Date of Establishment of IQAC	06-Jan-2014																		
7. Internal Quality Assurance System																			

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
ISO Audit	22-Aug-2018 2	150

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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
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

No Files Uploaded !!!

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

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

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

The quality of the institution is improved through the active involvement of IQAC at SNGCE. An orientation programme was organised at the beginning of the academic year to address the students and parents. The programme helped the students as well as the parents to understand the regulations of the university as well as the rules of the institution.

No Files Uploaded !!!

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

Plan of Action	Achivements/Outcomes
Promote publications in international journals	37 publications in international journals
No Files Uploaded !!!	
14. Whether AQAR was placed before statutory body ?	No
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	02-Mar-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Management provides all necessary resources needed to implement and maintain the QMS effectively to satisfy curricular, co

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

Faculty members are nominated as members in the university curriculum designing and framing bodies so that they can make suggestions to improve the curriculum framework to build up efficient curriculum delivery. The institution has implemented an extensive use of technology enabled teaching and learning process (Digital SMART class room) which consist of Smart boards, Laser Disc Projectors, Multi-media projectors that provides a real time experience to students in various subjects through interactive sessions, videos and 3-D graphics. Beyond the syllabus, extracurricular activities such as arts, sports, tech fests, expo, etc. are designed and implemented in the academic calendar to make the students competitive in the professional world and to make them respond to social and national obligations. Bridge courses are conducted to make the students to follow the curriculum without any difficulty. Students are encouraged to participate in national level paper contests, seminars and project exhibition competitions. Students who are interested in Research and Development work are continuously motivated and encouraged to present their Project/Research work in different National/International Industrial visits are arranged so that students can get practical exposure on the subjects of curriculum. Suitable lab experiments are designed as per curriculum and

conducted to make the students to understand the concept more effectively. Beyond syllabus, additional relevant components like engineering ethics, social responsibilities and management skills and language lab are included in the academic curriculum.

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
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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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
BTech	Nil	01/08/2017
Mtech	Nil	01/08/2017

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

	Certificate	Diploma Course
No Data Entered/Not Applicable !!!		

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
Advanced Mechanical QA QC and International standards	18/06/2018	23
IFRS	12/12/2017	24
Noukari	02/02/2018	55
No file uploaded.		

1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
Mtech	Nil	110
BTech	Nil	200
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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

Online student feedbacks on course delivery are taken from students, twice during each semester and consolidated to get the rating of staff. Comments are considered positively and weaknesses with regard to teaching are rectified by advising the faculty with the sole objective of maintaining good academic practices and standards. The alumni feedback gives favourable suggestions on domains to be enhanced in achieving greater focus and improving the various aspects. Parents give suggestions regarding curricular and co-curricular developments of their wards and necessary suggestions are taken from their feedback for the betterment of the system. Representatives of various industries give extremely useful feedback regarding the employability of the students and also their expectation from the students. Hence, any additional requirements to meet the challenges of the industry are provided by the college. Feedback from various industries are taken at regular intervals and their respective suggestions and advises are discussed and incorporated. The collected response and opinions are discussed in general staff meetings of the college for the purpose of creating awareness and generating new ideas regarding curriculum. Such exchange of ideas helps in conceptualizing the necessary modifications and progressions in curriculum revision.

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
BTech	Nill	480	222	174
MBA	Nill	120	84	68
MCA	Nill	156	76	104
Mtech	Nill	122	30	20
No file uploaded.				

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	174	192	145	29	21

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	Number of	ICT Tools and	Number of ICT	Numberof smart	E-resources and
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Teachers on Roll	teachers using ICT (LMS, e-Resources)	resources available	enabled Classrooms	classrooms	techniques used
174	120	4	10	3	2

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

Group Tutor system is followed for all batches of students. Each student is assigned to a staff, group tutor throughout his or her period of study. The tutor offers counselling and guidance to the student on a one to one basis. The tutor maintains a record of all activities and marks of the student.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1690	174	1:10

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
11	11	0	11	1

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
2018	Dr. C E Krishnan	Director	Mahatma Gandhi Excellence award by India International Friendship society
2018	Dr. Usha S	Professor	ICI- UltraTech Award- 2018
2017	Dr.Rajesh R	Associate Professor	Educational Leadership Award by Business School Affaire and Dewang Mehta National Education
2018	Dr. Sasidhar Babu	Director	Educational Leadership Award by Business School Affaire and Dewang Mehta National Education
2018	Saini Jacob Soman	Associate Professor	Adarsh Vidya Saraswathi Rashtriya Puraskar by Glacier Journal Research Foundation Global Management Council

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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
BTech	B.Tech.	Semester	31/05/2018	31/07/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

To improve the performance of the students, internal assessment through internal exams and assignments is conducted periodically and the results are reviewed/ displayed for the students.

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

HODs meeting is conducted during the last month of each semester, to discuss all aspects regarding the preparation of semester plan for the forth coming semester. The Timetable coordinator shall present a draft academic calendar, taking all available inputs for discussion during the HODs meeting. Inputs such as date of commencement the semester, list of Government holidays, scheme of examination, vacation if any, last working day of the semester, number of working days in each month of the semester, university examination dates for each course year, semester wise, internal exam schedules, dates for college functions like Annual day, Hostel day, Sports day, etc., are discussed and decided. The draft academic calendar is modified and may be discussed with the Director and Head of the Institution and Executive Director by the Principal before promulgation. Office Superintendent shall ensure that every staff is given a copy of the semester plan. The semester plan shall be displayed on notice boards for information of all students.

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)

http://www.sngce.ac.in/web_assets/images/SSR-SNG.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
B.Tech.	BTech	Nill	522	432	83
MCA	MCA	Nill	50	45	90
MBA	MBA	Nill	29	28	97
No file uploaded.					

2.7 – Student Satisfaction Survey

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

No Data Entered/Not Applicable !!!

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	3	KTU	0.25	0.25
Projects sponsored by the University	3	SNGCE	2	80000
No file uploaded.				

3.2 – Innovation Ecosystem

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

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

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Jack fruit plucking equipment	Dani Thankachan and Team	KTU, Kerala	26/02/2018	Innovative project competition
Development of under water drone, ROV Varuna	Best Paper	AMET University	26/10/2018	Student paper competition
No file uploaded.				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
SNG	Gurukulam Technological Business Incubation Centre	College	Lancier	Software	01/06/2018
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
1	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
Civil	2

Mechanical	1
Science	1
Computer Science	1
MBA	1
MCA	1

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)
International	Electronics and Communication Engg.	5	1
No file uploaded.			

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

Department	Number of Publication
Mechanical	8
NASB	1
Civil	2
No file uploaded.	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Model of Tuned J48 classification and analysis of performance prediction in educational data mining	Anoopkumar M	International Journal of applied engineering research	2018	2	R and D centre Bharatiar University	10
A model of improved performance prediction using ensemble based hybrid based classification on a multivariate student	Anoopkumar M	International Journal of Engineering Technology	2018	2	R and D centre Bharatiar University	9

data set					
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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
Bound model of clustering and classification	Anoopkumar M	International Journal of advanced computer science and applications	2018	11	12	R and D centre Bharatiar University
Improved extraction model	Anoopkumar M	Journal of advanced research in dynamical and control systems	2018	6	8	R and D centre Bharatiar University
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	4	2	1
Presented papers	1	5	0	0
Resource persons	1	2	2	3
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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
Seven day special camp	NSS	2	50
Daan Utsav	NSS	1	150
Sagy Project survey	NSS	1	50
Sagy seminar	NSS	1	50
Quiz Program	NSS	1	50
No file uploaded.			

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

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

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

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 !!!			
No file uploaded.			

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

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

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
MS Educational Management consultancy, Ernakulam	05/04/2018	To conduct seminar and career counselling	2
Srishti Robotics Technologies Pvt. Ltd, Ernakulam	19/04/2018	To conduct D. Voc. Courses	4
Global Talent Track Pvt. Ltd.	02/06/2017	Providing training to the students	10
State Resource Centre, Kerala	22/03/2017	Providing training to the students	23

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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
289	166

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
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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 partially)	Version	Year of automation
Topscore solution	Fully	Library Ex. Plus	2009

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	44067	223719	153	85726	44220	309445
Journals	85	12980	55	10528	140	23508
e-Journals	1	27732	1	10000	2	37732
Digital Database	1	0	2	0	3	0
CD & Video	315	3157	165	10000	480	13157
Library Automation	1	30000	0	0	1	30000
Weeding (hard & soft)	91	27825	0	0	91	27825
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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
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1039	10	1039	4	2	22	30	100	2
Added									
Total	1039	10	1039	4	2	22	30	100	2

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
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
138	82	350	12.5

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)

<p>The maintenance of equipment, building, premises and fittings is the responsibility of the custodian, section in charge, maintenance coordinator, etc. as the case may be. Maintenance calendar for the College shall be drawn up by the Maintenance coordinator in consultation with specialists, if necessary, for ensuring satisfactory up-keep. The maintenance coordinator is to see that all maintenance activities are progressed as per planned schedule. Assistance of lab. instructors and tradesmen are to be utilised depending on the specialisations of the work. Routine maintenances of certain equipment are periodically done by an AMC service provider. The AMC services are monitored by the custodian or maintenance coordinator as the case may be. Certain maintenance activities may be off-loaded to service providers. The Maintenance coordinator is to oversee such out-sourced activities. Necessary records and registers are to be maintained for future reference.</p>
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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	SNGCE-MCM scholarship	92	25000
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Language lab	05/01/2017	400	Full time staff available
Remedial coaching	03/02/2017	500	Full time staff available
Personal Counselling	05/01/2017	240	Full time staff available
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
No Data Entered/Not Applicable !!!					
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Infosys, Tech Mahindra, AAPT, OMNEX, Shriam,	460	249	ICICI Sec Armia Systems ESAF Bank Esaf Microfinance	111	74

Group IBS,
Support
Sages,
Tessolve,
Sutherland,
Zerone,
Amazon,
Sicagen,
Image, Bell
technolabs,
Mitisigo,
HGS,
Infosys,
BPO, HP

HGS HDFC
BANK V Guard
ITC Noble
Info Pvt Ltd
IMS LT
Finance

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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	Department graduated from	Name of institution joined	Name of programme admitted to
2017	4	B.Tech.	CS CE	SNGCE CET	M.Tech.

No file uploaded.

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

Items	Number of students selected/ qualifying
No Data Entered/Not Applicable !!!	

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

Activity	Level	Number of Participants
Inter-collegiate-D-Zone Chess competition	State	16
Arangu	College	20

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	SOCCER TOURNAMENT	National	1	Nil	77-SNGCE-CE-15	CRIS SABU MATHEW
2018	SOUTH INDIAN CHAMPIONSHIP	National	1	Nil	113-SNGCE-CE-15	RONAK K

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5.3.2 – Activity of Student Council & representation of students on academic & administrative

bodies/committees of the institution (maximum 500 words)

Office bearers of the students

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institute maintains links with Alumni for getting necessary information on current issues and challenges in the industries. The alumni feedback gives favourable suggestions on domains to be enhanced in achieving greater focus and improving the various aspects. The college maintains an Alumni Portal. This portal has been created especially for the pass out students to socialize and interact with other alumni and students. Our vision is that through this platform we will be in a position to catch up with each other, share ideas and support each other

5.4.2 – No. of enrolled Alumni:

3204

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

No Data Entered/Not Applicable !!!

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meetings are conducted once in a year. Last meeting was conducted on 08/07/2017.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The members of the staff indicate their choice of subjects with their priority.

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
Human Resource Management	Transparent policy document Transparent and scientific way of selections Imparting related training for Formulation and communication of policies of the college. Support for academic advancement. Systematic performance appraisal system and guidance to the people concerned. Systematic promotion policies. Democratic way of administration with participative management.
Industry Interaction / Collaboration	Organizing industrial visits to various industries for students Deputing faculty and staff for industrial training Guest lectures by

	the experts from industry and interactive sessions with the students Technical talks and seminars by eminent personalities from industries.
Curriculum Development	The curriculum design is based on enhancing and empowering the knowledge base of the students and thereby focuses on the recent trends in scientific and cognitive fields. Principal conducts the College council meeting to discuss the present needs of the industry, skill sets to be acquired by the student, designing the curriculum, effective teaching - learning processes, etc.
Teaching and Learning	Provision of wide range of learning resources in Central Library
Examination and Evaluation	To improve the performance of the students, internal assessment through internal exams and assignments is conducted periodically and the results are reviewed/ displayed for the students.
Library, ICT and Physical Infrastructure / Instrumentation	SNGCE has a digital library. Digital Library is a digital service that collects, preserves, and distributes digital material. Repositories are important tools for preserving an organization
Admission of Students	Well Organized Admission Procedures- Seats are filled by regular admission procedure through web counseling, KEAM conducted by Government of Kerala giving representations to all categories as per norms. All these admissions are scrutinized by admission committee in the college thereafter. All the procedures are provided and updated in the college website from time to time for transparency.

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

E-governance area	Details
Planning and Development	Planning and Development activities are computerised.
Administration	Administration and library activities are completely computerised.
Finance and Accounts	Finance and Accounts activities are completely computerised.
Student Admission and Support	Student Admission records are completely computerised.
Examination	Examination registration activities are completely computerised.

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
2018	Dr. Suprabha T	Emerging trends in nanoscience and nano technology.	ASIET, Kalady	1000
2018	Ms.Silgy E. G.	Emerging trends in nanoscience and nano technology.	ASIET, Kalady	1000
2018	Ms. Anju Surendran	Emerging trends in nanoscience and nano technology.	ASIET, Kalady	1000
2018	Ms. Arya Prakash	Control System-theory and applications	GEC Thrissur	500
2018	Ms. Reshma P S	Control System-theory and applications	GEC Thrissur	500
2017	Ms. Reshma P S	National Seminar on Powering future Kerala	KEL	750
2017	Ms. Saritha K S	Recent advances in renewable energy technologies and smart microgrid	MES, Kuttipuram	1000
2018	RESHMI P R	SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE	DEPARTMENT OF CE, CS SNGCE	400
2018	POOJA M S	SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE	DEPARTMENT OF CE, CS SNGCE	400
2018	SAMITHAMOL SALIM	SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE	DEPARTMENT OF CE, CS SNGCE	400

2018	PREETHA PRABHAKARAN	SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE	DEPARTMENT OF CE, CS SNGCE	400
2017	Dr. S USHA	SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE	AICTE, QUALITY IMPROVEMENT SCHEME	400
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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)
2017	Energy conservation management and auditing	WORKSHOP ON AUTOCAD	05/01/2018	05/01/2018	110	20
2018	National Science Day Celebrations 2018 - Science and Technology for sustainable future	Workshop on Advanced Welding	02/07/2018	06/07/2018	120	10
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Emerging trends in nanoscience and nano technology	3	17/04/2018	21/04/2018	5
Control System-theory and applications	2	04/12/2017	08/12/2017	5
National Seminar on	1	13/12/2017	17/12/2017	5

Powering future Kerala				
Recent advances in renewable energy technologies and smart microgrid	1	11/12/2017	15/12/2017	5
SCIENCE AND TECHNOLOGY FOR SUSTAINABLE FUTURE	5	02/12/2017	05/12/2017	4
ADVANCED CONCRETE TECHNOLOGY	1	12/12/2017	15/12/2017	4
SUPPLY CHAIN MODELING AND ANALYSIS	30	18/12/2017	22/12/2017	5
Energy conservation management and auditing	30	18/12/2017	20/12/2017	30
Workshop on Advanced Welding	10	02/07/2018	06/07/2018	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
171	171	86	86

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Staff Recreation Club	Doctor available in campus	Student Councillor in campus Gymnasium and sports facility

6.4 – Financial Management and Resource Mobilization

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

Internal financial audit is conducted every month and external financial audit is conducted once in three months.

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

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

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	KTU	Yes	Internal auditors
Administrative	Yes	Bureau Veritas	Nil	Internal auditors

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

Parents meet for keeping them updated regarding performance of their wards and the Parents feedback are recorded for taking necessary corrective actions.

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

Workshop on Advanced Welding was conducted for Lab staff. Workshop on AUTOCAD

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

No Data Entered/Not Applicable !!!

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Nil
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	KTU AUDIT	28/11/2018	28/11/2018	28/11/2018	10
2018	ISO	07/08/2018	08/08/2018	07/08/2018	4
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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
No Data Entered/Not Applicable !!!				

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

No Data Entered/Not Applicable !!!

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	150
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	4
Scribes for examination	No	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	No	Nil

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
2018	1	1	02/09/2018	7	Camp at valamboor U.P school	Cleaning	50
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

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

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

The following initiatives are taken by the college to make the campus eco-friendly- energy conservation, use of renewable energy, water harvesting, efforts for carbon neutrality, tree plantations, hazardous waste and e-waste management.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

D Space for Enhancing Student Learning Grooming students for Real world Environment

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

7.3 – Institutional Distinctiveness

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

At SNGCE, we are putting knowledge to practice with innovations in critical areas like Communications, Design engineering, Embedded systems, Naval architecture and Cyber security, just to name a few. We are a place where innovation is expected and our work today will impact our future lives in ways we cannot yet imagine. The college champions research and education that is multi-disciplinary in nature. We encourage multidisciplinary collaborations among all our professional colleges, other institutions, industry and government to ensure the institute is poised to succeed in our rapidly changing world. We have collaborations with nationally and internationally reputed academic institutions as well

Provide the weblink of the institution

www.sngce.ac.in

8.Future Plans of Actions for Next Academic Year

To provide more scholarships to students. To fulfill our social obligations. To arrange FDP programs. To protect the environment. To strengthen industry linkages. To improve alumni participation. To enhance the number of smart class rooms in the academic departments. To enhance collaborative research among the departments and to take initiative for inter-institutional collaboration. To conduct more numbers of seminars and workshops of National and International importance in the campus.