



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	SREE NEELAKANTA GOVERNMENT SANSKRIT COLLEGE PATTAMBI
Name of the head of the Institution	Sheela S
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04662212223
Mobile no.	9495252092
Registered Email	sngscollege@gmail.com
Alternate Email	office@sngscollege.org
Address	Sree Neelakanta Government Sanskrit College Pattambi Mele Pattambi PO Palakkad
City/Town	Pattambi
State/UT	Kerala

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

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
College	NAAC Re Accreditation	State Government	2017 110	600000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

7

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 File](#)

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)

Information and Learning Management System was established. Poetry carnival was chosen as the major extension activity. Prof. Narayanan Centre for Public Understanding of Science and LMS were selected as the best practices of the College. Online coaching for competitive examinations, PSC and UGC NET exams has started. IQAC put forward a proposal for Rupees One Crore to develop the college as a Centre of Excellence by using state plan fund.

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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	Achievements/Outcomes
Decided to take action for availing fund for Science Block electrification.	Rupees 2.6 Crores was obtained from the Govt.of Kerala for the same.

An IT Hub has to be set up using the RUSA fund.	Rupees 60 lakhs from RUSA fund was allocated, and the construction of IT Hub was started
Decided to conduct an Intercollegiate students' fest in association with Calicut University Students' Union.	Celefiesta was co-ordinated
Poetry Carnival, Learning Management System and Prof. Narayanan Centre for Public Understanding of Science have to be developed as best practices of the college as per UGC norms.	Poetry Carnival was realized as the major extension activity and the latter were identified as the best practices of the college.
More digital content and archives must be added in the college web portal.	The college's web portal was modified.
Devised a detailed plan for SAASTRAYAN (progra to exhibit the research and academic activities of various departments to the public), with Dr. Binitha as its co-ordinator.	It became a great academic event by college in the academic year of 2017-18
Submitted plan for the construction of an Indoor Stadium.	Final plan for Indoor Stadium was approved by the State Govt.
Decided to initiate a new water supply system.	Work for New water supply system started with a fund of Rs. 20 lakhs.
LMS interface has to be used to provide training for UGC NET and PSC exams.	LMS started training for both NET and PSC exams.
Decided to build a rain water harvesting system in college.	Rupees 4.5 lakhs was spent on rain water harvesting project.
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td>College Council</td> <td>18-Feb-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	College Council	18-Feb-2019
Name of Statutory Body	Meeting Date				
College Council	18-Feb-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	2019				
Date of Submission	27-Feb-2019				
17. Does the Institution have Management Information System ?	Yes				

<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>In order to pace with the changes in the learning practices of the time and Institutional information management, the College has introduced Learning and Information Management System this year. This system also functions as the virtual front office of the College which provides live response for queries. This online platform was designed and implemented using the internal resource of the college .It provides a space for online interaction among students, teachers and parents, and also facilitates ICT enabled learning. As the college is placed in a rural area and the majority of the students are from distant villages, the time they can spend after the regular class hours is minimum. To get continuity in the learning process, a platform where students can interact with themselves and with teachers in a class room ambiance is essential. The portal can be accessed by a mobile app and this enables the students to access the study materials anytime and at any place. For this purpose, the College is running a dedicated server. Students and teachers are provided with an Institutional ID and mobile application. Facilities include Virtual Classes, Video presentations, Study Materials, Model Examinations, Group Chat, Discussion Forum, Databases, System managed Grading and Evaluation, Glossary and ebooks. LMS is equipped with around fifty educational tools that are used for content transaction and evaluation. Most of the Continuous Evaluation processes are now done in the online mode similar to all administrative and other Institutional communications. Moreover, Digital Document Filing System(DDFS) is implemented. Separate centralized portals are running to manage scholarships, E Grants. Planning, University Examinations, Admissions, etc. The library is also fully automated.</p>
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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

While revision and upgradation of the syllabi is done at the University level, the college has a mechanism for effective, documented curriculum delivery. At the commencement of each academic year, every faculty member provides the students with individual time-plans for each course which are displayed in the classrooms. We try our level best to provide more than 180 days of teaching in a calendar year. Special classes (if needs be) are engaged during vacation or off-hours to compensate for the time lost in examination/evaluation. These time-plans are adhered to, so that the student is able to gauge with a degree of clarity, what portion of the curriculum will be delivered within the stipulated time frame. Besides traditional lectures and seminars, infrastructure for the use of ICT in classrooms, like powerpoint presentations, smart boards and audio-visual support are all available to make the delivery of the curriculum engaging and effective for the students. This academic year, the college has introduced the Learning management system with the available internal resources in order to make the curriculum delivery more holistic and effective. LMS delivers and manages all types of content, including video, courses, and documents which makes the classroom management for instructor-led training or a flipped classroom. Tutorials are held with mentoring and participative learning encouraged. Internal assessment is done transparently. Inter-personal skills are enhanced through Value Education. Our campus acts as an institutional hub by offering various value-added courses imparting transferable and life skills through Additional Skill Acquisition Programme (ASAP). ASAP closely associates with the Central government agencies like National Skill Development Corporation and offers value-added courses for selected students in our college. The effective curriculum delivery is done additionally by conducting industrial visits, field trips, and study tours. The College encourages its faculty members to participate in Orientation/Refresher Courses/ Workshops/ Seminars organized by the University so as to update their knowledge and to improve the teaching practices. Many teachers of the college played effective roles in framing various aspects pertaining to the curriculum, being part of various academic bodies (in this academic year) like Member of Syndicate, Board of studies in various universities at graduate and post graduate levels as well as question paper setting. The college has been providing ample books, other teaching and reference materials like journals, magazines, teaching models and software to enable its teachers to ensure effective delivery of the curriculum. The Library committee conducts meetings and takes appropriate decisions regarding the requirement and procurement of books, journals and e-journals. The NSS and NCC are very active in the campus through which students imbibe values of discipline, patriotism and community services. They have engaged in various awareness programs like Nila Cleaning Campaign, Blood Donation Campaign, and Palliative Care Camp etc. The career guidance and placement cell was actively engaged in conducting Edu Expo 17 and Campus placement in collaboration with various renowned industries and companies.

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
No Data Entered/Not Applicable !!!		

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
Accounts Executive Payables and Receivables	01/09/2018	30
Animator	01/09/2018	30
Beauty Welness Consultant	01/09/2018	31
Plumber	01/09/2018	29
CCTV Technician	01/09/2018	30
Dental Assistant	01/09/2018	30
Inventory Clerk	01/09/2018	35
Software Developer	01/09/2018	20
Organic Grower	01/09/2018	32
QC Inspector	01/09/2018	33
Retail Trainee	01/09/2018	35
Travel Consultant	01/09/2018	33
Ware House Supervisor	01/09/2018	30
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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
BSc	Nill	107
MSc	Nill	25
BA	Nill	176
BCom	Nill	60
MCom	Nill	20
BBA	Nill	50
MA	Nill	61
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	Nil
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

Our college received structured feedback from various stakeholders like students, alumni and parents. Feedback about the infrastructural facilities is taken from the final year students at the end of the program for improving the lab facilities, if any. The feedback collected from students after being collated, statistically analyzed and tabulated, clarifying, if need be, for quality enhancement in teaching methodology. Observations on general trends are also made. An online feedback system was collected from the outgoing students on the overall quality of the instruction, Infrastructure and facilities provided. The online feedback system is in the form of a questionnaire which includes their opinion on various activities imparted by the college in creating social awareness, personality development and student character building. In addition, feedback about the infrastructural facilities is taken from the final year students at the end of the program for improving the lab facilities, if any. The feedback collected from students after being collated, statistically analyzed and tabulated, clarifying, if need be, for quality enhancement in teaching methodology. Observations on general trends are also made. Parental Feedback The parents of the students of this college are keen in the studies of their children. They take good care in giving creative and suitable feedback on the curriculum followed by the students. The Institution collects feedback from parents on the occasion of the annual PTA meetings as well as in the Department-wise PTA meetings. In addition, an online feedback system is formulated in the form of a questionnaire to analyze the ambiance of the college and facilities, career orientation, extra reading demanded from the students, availability of textbooks and reference materials, flexibility of the syllabus, availability of e-resources and support for further studies. A self-appraisal is prepared by each teacher. The Principal and IQAC monitor intervene and address possible areas of improvement and evaluate the same with every teacher, motivating her/him to look at specific areas where growth is needed. Efforts are made to motivate parents and alumni to process feedback forms on the College website. Evaluation of all college programmes with the respective stake-holders is conducted. Faculty members review the objectives and the conduct of the academic programs, possible changes, and the progress of the department in many areas during monthly meetings.

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
MSc	BOTANY	12	715	12
MCom	MCOM	21	1410	21
MA	MALAYALAM	21	520	21
BBA	BBA	50	4441	50

BA	MALAYALAM	40	2850	40
BCom	BCOM	50	6340	50
BSc	ZOOLOGY	36	3285	34
BSc	BOTANY	36	3111	33
MSc	CHEMISTRY	12	750	12
BA	SANSKRIT	40	498	40
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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
2017	523	104	23	Nil	60

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	Number of smart classrooms	E-resources and techniques used
83	83	Nil	29	21	Nil

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Students mentoring system is followed in the institution. Student profiles are categorized and maintained in the college office after the admission. Personal and educational details of individual students are maintained and updated by the mentors and tutors in their concerned departments. Regular interaction with the mentors help the students to be goal oriented. The students are motivated to identify their aptitude and needs to make a choice of subject for their further study. Mentors analyze the academic standards, socio- economic standards, parentage, the interests and achievements of the students. The biodata furnished by the students enable the mentors to classify the capabilities, interests and requirements of the students..They address the needs of the students with the help of the counselors if necessary. The students enrolled in this institution are mostly from rural areas belonging to socially and economically backward class. So many of their educational and health issues are sought out by the mentors. Awareness about personal hygiene, health, education, scholarships etc are provided by the mentors to the students. Students with family issues are given counseling to help them equip and solve the issues. Pshychological issues seen in students are also well addressed by the mentor and if necessary referred to external sources with the permission of the parents. In special cases parents are also given counseling to adjust themselves with the changing situations of their wards. Students regular attendance in the class and improvement in their performance in, behavior,internal assessments and examinations are supervised by the mentors regularly. Both the students and parents are given an awareness about the use and misuse of gadgets and social media. Students especially are constantly advised to have a wise and judicious use of mobiles and other devices.Stress related issues are also solved by the mentors.Students participation in extra curricular activities are also taken care of by the mentors.Mentoring system also helps to identify slow learners and they are given remedial coaching.Students with outstanding track records in sports and other cultural events are given trainings in their respective fields.

Number of students enrolled in the	Number of fulltime teachers	Mentor : Mentee Ratio
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institution		
627	83	Nil

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
83	83	Nil	13	31

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. E. BANARGY	Assistant Professor	S.GUPTAN NAIR AWARD BY STATE

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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
BA	Nil	6	11/04/2018	03/07/2018
BBA	Nil	6	11/04/2018	03/07/2018
BCom	Nil	6	11/04/2018	03/07/2018
BSc	Nil	6	11/04/2018	03/07/2018
MA	Nil	4	27/06/2018	11/09/2018
MCom	Nil	4	27/06/2018	11/09/2018
MSc	Nil	4	27/06/2018	11/09/2018

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

The institution is affiliated to the University of Calicut and so the evaluation norms of the university are strictly followed. The institution adheres to the centrally monitored evaluation system. The continuous internal evaluation is done from the very beginning of the course. . The college has adopted a method of assessing the academic performance of the students on a continuous basis. The internal assessment test schedules are prepared as per the university guidelines. Internal marks and attendance progress certificates are timely uploaded to the university portal at the end of each semester. An awareness program regarding the internal examination is given to the parents and students in the orientation programs. The mentors and tutors identify the strength and weaknesses of the students in-depth. Various assignments and seminars are assigned to cater to the needs and individual growth of each student. The subject teachers conduct seminars on topics related to their subjects which ensure extended reading on the topics. Reference books and e-resources are provided for the benefit of the students. ICT enabled internal

examinations are conducted in various departments. Online multiple-choice questions are provided and also subject-based quizzes to assess the students. 20 of the total marks in each course are for internal examinations. The marks secured for internal assessment only need to be sent to University by the college. The internal assessment shall be based on a predetermined transparent system involving written tests, seminars, assignments and classroom participation based on attendance in respect of theory courses and lab involvement/records attendance in respect of Practical Courses. Internal assessment of the project will be based on its content, method of presentation, final conclusion and orientation to research aptitude. Components with the percentage of marks of Internal Evaluation of Theory Courses are- Test paper 40, Assignment 20, Seminar 20 and Classroom participation based on attendance 20. For practical courses - Record 60 and lab involvement 40 as far as internal is concerned (if a fraction appears in internal marks, the nearest whole number is taken) For the test paper marks, at least two test papers should be conducted. Sometimes more test papers are conducted, and the best of those marks is considered. To ensure transparency of the evaluation process, the internal assessment marks awarded to the students in each course in a semester, are notified on the notice board at least one week before the commencement of the external examination. The course teacher(s) maintains the academic record of each student registered for the course, which is forwarded to the University by the college Principal after obtaining the signature of both the course teacher and the Head of the Department. Before uploading the marks to the university portal, the students are given provision to verify the internal marks and express their grievances at the department and the student grievance redressal committee in the College.

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

The academic calendar is prepared at the commencement of each academic year and the specified dates are followed to organize all the events within the college. However, examinations are conducted according to the directions given by the University of Calicut. Curricular, co-curricular and extracurricular activities are conducted on the basis of the dates specified in the academic calendar. Other academic programmes like seminars, workshops and study tours conducted by various departments are scheduled in accordance with the college academic calendar. An Open Course committee is formed at the beginning of the academic year and open course classes are scheduled as per the university directions. The UG and PG project works are carried out, as per the academic calendar. The Internal examinations are conducted by the departments according to the schedule fixed by the respective departments.

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://sngscollege.org/profile/courses/>

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
Nill	BSc	PHYSICS	25	24	96
Nill	BSc	CHEMISTRY	24	20	83.3
Nill	BSc	BOTANY	26	26	100

Nil	BBA	BBA	43	43	100
Nil	BCom	BCOM	55	55	100
Nil	BA	ENGLISH /HISTORY	34	34	100
Nil	BA	ARABIC	20	20	100
Nil	BA	ECONOMICS	44	37	84.09
Nil	BA	SANSKRIT	35	25	71.4
Nil	BA	MALAYALAM	34	29	85.29
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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)

[_http://sngscollege.org/feedback/students-feedback/_](http://sngscollege.org/feedback/students-feedback/)

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
Minor Projects	547	UGC	500000	340000
Major Projects	1095	UGC	100000	25000
Major Projects	1095	KSCSTE	168200	840150
Major Projects	1095	CSIR	550000	333333

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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
National workshop on nanoscience and Technology	Department of Physics	21/12/2017

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
Best Paper Award	Sowmya B	DC sponsored National Seminar, SNGS College Pattambi	21/12/2017	Paper Presentation

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

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

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

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

Name of the Department	Number of PhD's Awarded
Department of Chemistry	1
Department of Malayalam	3

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	Department of Chemistry	7	1.4
International	Department of Arabic	1	Nill
International	Department of Zoology	1	2.2
National	Department of Statistics	1	Nill
International	Department of Botany	3	1.7
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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
Department of Arabic	2
Department of Economics	3
Department of Statistics	1
Department of Zoology	1
Department of Chemistry	12
Department of Botany	3
View File	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
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Applications of polystyrene supported bromoderivatives of 2-pyrrolidone in microwave assisted organic synthesis	Anjaly Mathew, Beena Mathew and Ebey P.Koshy	Indian J.Sci,Res.	2018	0	Sreeneelakanta Government Sanskrit College Pattambi	Nil
Sucrose-mediated mechanical exfoliation of graphite	S Balasubramanyan, S Sasidharan, R Poovathinthy, Resmi M Ramakrishnan, Binitha N Narayanan	New Journal of Chemistry	2017	3	Sree Neelakanta Government Sanskrit College Pattambi	8
Statistical optimization for lithium silicate catalyzed production of biodiesel from waste cooking oil	SK Cheriakkallinmel, S Sugunan, BN Narayanan, PA Faisal, S Benjamin	Korean Journal of Chemical Engineering	2017	2	Sree Neelakanta Government Sanskrit College Pattambi	3
Solvent free one pot synthesis of amidoximes over phosphotungstic acid encapsulated montmorillonite clay catalysts	DP Narayanan, RM Ramakrishnan, S Sugunan, BN Narayanan	Journal of Saudi Chemical Society	2017	3	Sree Neelakanta Government Sanskrit College Pattambi	2
Structural and Antimicrobial Studies of Some Lanthanide	E. M. Jincy, M.K. Muralidharan Nair	Journal of Pharmaceutical, Chemical and Biological Sciences	2017	0	Sree Neelakanta Government Sanskrit College, Pattambi, Palakkad	Nil
	E. M.	Internat	2017	5	Sree	Nil

synthesis, characterization and antimicrobial studies of some lanthanide	Jincy, P. K. Rejimon	ional Journal of Applied and Advanced Scientific Research			Neelakanta Government Sanskrit College, Pattambi, Palakkad	
Lanthanide	E.M. JincyM., M uraleedhar an Nair	Asian Journal of Chemistry	2018	0	Sree Neelakanta Government Sanskrit College, Pattambi, Palakkad	Nil
ANTIFEED ANT EFFECTS OF VITEX NEGUNDO L. LEAF EXTRACTS ON THE STORED PRODUCT PEST, TRIBOLIUM CASTANEUM H.	P. HARIDASAN, M. GOKULDAS, A. P. AJAYKUMAR	International Journal of Pharmacy and Pharmaceutical Sciences	2017	0	Insect Physiology and Biochemistry Laboratory, Department of Zoology, University of Calicut, Kerala 673635	Nil
Calcium-Dependent Protein Kinase in Ginger Binds with Importin- α through Its Junction Domain for Nuclear Localization, and Further Interacts with NAC T ranscripti on Factor	Vivek PJ, Resmi MS, Sweda Sreekumar, KC Sivakumar, Narendra Tuteja, Soniya EV	Frontiers in plant science	2017	Nil	Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, India	8
Phytochemical and antibacterial analysis of two morpho-types of Solanum	R. Thulasi, K. Krishnakumar	Indian Journal of Pharmaceutical and Biological Research	2018	Nil	Department of Botany, Sree Neelakanta Government Sanskrit College,	Nil

melongenavar. insanum(L.) Prain. an ayurvedic herb					Pattambi, Palakkad, Kerala, India
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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 !!!						
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	13	189	32	24
Presented papers	10	36	3	Nil
Resource persons	1	18	11	1
View File				

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
Nila Cleaning campaign	NSS	2	100
Construction of 1.5 KM roadat kalladippatta	NSS and kalladippatta villegers	2	100
Paliative Care camp held at Govt Law College	NSS and Govt. Law College	2	100
District level camp held at Govt. College, Chittur	NSS and Govt. College, Chittur	2	100
Survey conducted at Ongallur	NSS and Kerala Sasthra Sahithya Parishath	2	100
NCC Day Celebration	NCC and District Blood bank of the District hospital, Palakkad	50	300
International	NCC	15	200

Yoga Day			
The world environment day	NCC	50	500
Republic Day Parade at New Delhi	NCC	2	2
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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
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
Swatch Bharath Abhiyan	NCC	Cleaning Programme	50	1000
Sasthrayan	RUSA Directorate of Collegiate Education, Govt. of Kerala	Sasthrayan Open House Programme	78	1500
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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
Joint Publication	Dr. S. Sugunan, CUSAT	None	Nil
View File			

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
Demonstration of Instruments and free analysis of samples	Research promotion	CH Instruments, Sinsil, Bangalore	21/12/2017	22/12/2017	Teachers and Research students of Department of Chemistry
Demonstration of	Research promotion	Perkin Elmer, Kochi	21/12/2017	21/12/2017	Teachers and Research

Insturments and free analysis of samples				students of Department of Chemistry
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 !!!			
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
215.98	213.23

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Campus Area	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
View File	

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
KOHA	Fully	3.16.05.001	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	66403	13147794	953	209163	67356	13356957
	5093	814880	40	34049	5133	848929

Reference Books						
e-Books	Nill	Nill	Nill	Nill	Nill	Nill
Journals	38	Nill	Nill	Nill	38	Nill
e-Journals	Nill	Nill	Nill	Nill	Nill	Nill
Digital Database	2	Nill	Nill	Nill	2	Nill
CD & Video	Nill	Nill	Nill	Nill	Nill	Nill
Library Automation	71496	Nill	993	Nill	72489	Nill
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(s pecify)	339	142380	Nill	Nill	339	142380

[View File](#)

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
Jayakrishnan.T	Cell signalling	LMS	20/12/2018
Jayakrishnan.T	Apoptosis	LMS	06/12/2018
Jayakrishnan.T	solute transport	LMS	27/12/2018
Dr.Abdu.P	Literature in Arabic	LMS	18/07/2018
Dr.Abdu.P	Thareekul islam al siyasi wa al thaqt III	LMS	15/08/2018
Dr.Abdu.P	Thareekul islam al siyasi wa al thaqt IV	LMS	11/09/2018
Dr.Abdu.P	Introduction to translation	LMS	24/10/2018
Dr.Abdu.P	spoken Arabic	LMS	07/11/2018
Lisha.C.L	Thermal and statistical physics	LMS	12/09/2018
Lisha.C.L	Properties of matter waves and accoustics	LMS	19/10/2018
Dr.Binitha.N	General Chemistry	LMS	18/10/2018
Dr.Binitha.N	Practical Chemistry	LMS	26/09/2018
Dr.Binitha.N	Organic Chemistry-I	LMS	23/08/2018

Dr.Binitha.N	Organic Chemistry-II	LMS	20/12/2018
Dr.Binitha.N	Organic Chemistry-III	LMS	20/07/2018
Dr.Binitha.N	structure and reactivity of organic compounds	LMS	30/08/2018
Dr.binitha.N	Organic reaction mechanisms	LMS	30/08/2018
Dr.binitha.N	Industrial Analysis	LMS	21/09/2018
Haridasan.V	History of modern Kerala	LMS	31/10/2018
Haridasan.V	History of modern world	LMS	05/09/2018
Haridasan.V	Methodology of History	LMS	15/08/2018
Haridasan.V	Informatics and History	LMS	26/07/2018
Haridasan.V	India Under Colonial Rule and Early Resistance	LMS	29/06/2018
Haridasan.V	Indian National Movement	LMS	11/12/2018
Dr.Jincy E M	Inorganic Chemistry	LMS	27/06/2018
Dr.P.Venugopalan	Aliphatic hydrocarbons and aromaticity	LMS	25/07/2018
Dr.P.Venugopalan	Organic Chemistry II-Halogen compounds, Organometallic compounds, ethers and epoxides	LMS	16/08/2018
Dr.P.Venugopalan	Organic Chemistry III-Carbohydrates and proteins	LMS	19/09/2018
Dr.P.Venugopalan	Applied and advanced chemistry	LMS	18/10/2018
Dr.P.Venugopalan	Aromatic hydrocarbons, Biomolecules	LMS	22/11/2018
Dr.P.Venugopalan	Polymers, Chemistry in daily life	LMS	26/12/2018
Krishnakumar.K A	Angipserm Anatomy	LMS	11/07/2018
Krishnakumar.KA	Research methodology and	LMS	27/08/2018

	micro technique		
Krishnakumar.K A	Gymnosperms	LMS	12/09/2018
Krishnakumar.K A	Cell Biology and Bio-chemistry	LMS	25/10/2018
Krishnakumar.K A	Gymnosperms	LMS	04/09/2018
Krishnakumar. K A	Angio sperm Anatomy	LMS	16/10/2018
Krishnakumar.K A	Biostatistics	LMS	24/10/2018
Krishnakumar K A	Biochemistry	LMS	03/12/2018
Dr.N K Babu	Managerial Economics	LMS	10/07/2018
Dr.N K Babu	Marketing management	LMS	20/08/2018
Dr. N K Babu	Indian Financial system	LMS	20/09/2018
Dr.N K Babu	Auditing	LMS	17/10/2018
Dr. N K Babu	Business Environment	LMS	13/11/2018
Dr.N K Babu	Business Communication	LMS	18/09/2018
Dr.Vivek P H	Angiosperm Anatomy	LMS	11/06/2018
Dr.Vivek P H	Research methodology and Micro technique	LMS	11/07/2018
Dr. Vivek P H	Plant physiology	LMS	22/08/2018
Dr.Vivek P H	Angiosperm anatomy and embryology	LMS	18/09/2018
Dr.Vivek P H	Cytogenetics, Genetic plant breeding,bio statistics	LMS	24/10/2018
Dr. Vivek P H	Physiology and Metabolism	LMS	04/11/2018
Dr. Vivek P H	Genetic Engineering	LMS	30/12/2018
Unnikrishnan.C	Financial accounting	LMS	12/09/2018
Unnikrishnan.C	Financial markets and services	LMS	06/11/2018
Unnikrishnan. C	Financial Derivtives and Risk Management	LMS	11/12/2018
Dr.Resmi M s	Microbiology	LMS	13/06/2018
Dr. Resmi M s	Phycology	LMS	26/06/2018
Dr.Resmi M s	Molecular Biology	LMS	11/07/2018

Dr. Resmi M s	Plant biology	LMS	22/08/2018
Dr. Resmi Ms	Microbiology	LMS	17/09/2018
Dr. Resmi M s	Molecular biology	LMS	17/12/2018
Dr. Resmi m s	Physiology	LMS	24/10/2018
dR.rESMI m S	Genetic engineering	LMS	14/11/2018
Dr. Rajesh P N	Theories of Unemployment	LMS	09/10/2018
Dr.Rajesh P N	Classical and Keynesian theories of Unemployment	LMS	10/09/2018
Dr.Rajesh P N	Mundell-Fleming model	LMS	17/10/2018
Dr.Rajesh P N	Post-Keynesian Economics	LMS	30/10/2018
Dr.Rajesh P N	Environmental Economics	LMS	13/11/2018
Dr.Rajesh P N	New Classical Economics	LMS	12/11/2018
Dr.Rajesh P N	New Keynesian Economics	LMS	27/11/2018
sivakumar A	Accounting and auditing	LMS	20/06/2018
sivakumar A	Business statistics and research methods	LMS	25/07/2018
sivakumar A	Legal aspects of business	LMS	11/12/2018
sivakumar A	Intellectual propoerty rights	LMS	16/10/2018
sivakumar A	Indian accounting standards and IFRs	LMS	07/11/2018
sivakumar A	Financial statement analysis	LMS	20/11/2018
Bisha V K	Public Fiancne	LMS	11/09/2018
Bisha V K	Development and Planning	LMS	30/10/2018
Bisha V K	Development policies and experience of India	LMS	11/12/2018
Bisha V K	Economic reforms in India	LMS	07/11/2018
Bisha V K	GDP and various sectors in India	LMS	05/11/2018
Bisha V K	Current Challenges faced by Indian economy	LMS	17/10/2018

Bisha V K	Kerala	LMS	09/10/2018
Dr.Jincy E M	Physical Chemistry	LMS	12/07/2018
Dr.Jincy E M	Advanced and Applied Chemistry	LMS	28/08/2018
Dr.Jincy E M	Elementary Inorganic CHEMISTRY	LMS	19/09/2018
Dr.Jincy E M	Coordination Chemistry	LMS	18/10/2018
Dr.Jincy E M	Organometallic and biochemistry	LMS	20/11/2018
Dr.Jincy E M	Instrumental Methods of Analysis	LMS	23/12/2018
Dr.P.Venugopalan	Inorganic chemistry practical- Volumetric analysis	LMS	06/06/2018
Alikutty.C	Chalachithra Padanam	LMS	18/12/2018
Jayakrishnan.T	Pteridophytes	LMS	03/12/2018
Dr.P.Abdu	Communication skills in Arabic	LMS	04/12/2018
Alikutty.C	Cyber Malayalam	LMS	16/10/2018
Alikutty.C	Madhyama Padanam	LMS	04/09/2018
Alikutty.C	Folklore	LMS	04/07/2018
Jayakrshnan.T	Environmental science	LMS	17/09/2018
Jayakrishnan.T	Genetic engineering	LMS	14/10/2018
Jayakrshnan.T	Cytogenetics	LMS	30/12/2018
Jayakrishnan.T	Molecular systematics	LMS	11/12/2018
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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	137	4	74	1	1	11	51	0	75
Added	10	0	3	0	0	2	8	0	0
Total	147	4	77	1	1	13	59	0	75

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

10 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
Learning Management system	https://sngscollege.org/lms/login/index.php
Youtube Channel	https://www.youtube.com/channel/UCapPhWzqhp6NzgCtcA7G5mA

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
21.67	19.43	194.3	193.8

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)

The college is in possession of large physical academic and support facilities. There is an established policy and clear guidelines for the maintenance and utilization of the facilities. • The general planning of the college is supervised by a high power planning committee. The purchases are done according to the decisions of the purchase committee. The committee ensures that transparency and economy is assured in the purchases. For this state purchase manual and financial code is strictly followed. The digital solutions like e-tendering are also utilized for ensuring speedy, efficient and transparent procurements. • The maintenance of the facilities are ensured through the participatory and coordinated functioning of all departments under the guidance of the various committees and with the aid of the supporting staff. • The Building committee ensures the timely repair works of the buildings and infrastructure. Allocation of funds for the maintenance of the infrastructure of the college is earmarked in the plan fund of the college by the directorate of collegiate education. Additional funds are mobilized from the PTA, Alumni and from other public sources. The state Public Works Department is assigned the technical supervision of the works. • Lab equipment are maintained by the respective departments Necessary repair works are managed by the supporting staff of the institution. Emergency repairs, if any, are undertaken with the help of PTA . • Student and faculty support is another resource for the maintenance of the college facilities. NCC and NSS undertake necessary campus cleaning and beautification. A college beautification committee is monitoring the general beautification works. The faculty also assist the initiatives by motivating students and working together with them • Computer lab in the college which is frequented by the students for various service is well maintained with the generous financial assistance from College Development Council as well as PTA. It also operates with a substantial self generated financial resources. •A library committee under the guidance of the college librarian is committed to improving and updating the available library facilities. The library improvement is well supported by the work of faculty members and students. • Sports equipments for players are provided. The infrastructure is maintained with the help of faculty members and students. • Sports equipmentst are purchased each year using the sports fee collected from the students during admission and the Athletic fund reserved for the purpose. The state government also contributes substantially towards this purpose. • There is also an effective yearly audit system to check the furniture, lab

equipments , ICT tools, and other stock in the college. • The quality and performance of the infrastructure is ensured with the help of external quality assurance agencies like KELTRON, state PWD etc. • The maintenance of the hostel facilities are generally supported by student initiatives. There is also strong assistance from the part of Alumni organisations and peoples representatives.

<https://sngscollege.org/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	NIL	Nil	Nil
Financial Support from Other Sources			
a) National	VARIOUS STATE AND NATIONAL SCHOLARSHIPS	167	102625
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
REMEDIAL COACHING	21/08/2017	307	TEACHERS FROM VARIOUS DEPARTMENTS
SSP	04/09/2017	150	GOVT. OF KERALA
WWS	09/10/2017	50	GOVT. OF KERALA
ASAP	08/08/2017	398	GOVT OF KERALA
SOFT SKILL TRAINING	04/09/2017	425	PTA
YOGA TRAINING	21/06/2017	750	COUNSELLING CELL

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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
2017	CAREER COUNSELLING CELL	124	53	72	45
2018	CAREER COUNSELLING CELL	145	64	81	56

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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
7	7	8

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
EUREKA FORBES	250	16	EDU EXPO 2017	308	20
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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	210	UG	SOCIAL SCIENCE , HUMANITIES , COMMERCE AND MANAGEMENT	DIFFERENT UNIVERSITIES, AND INSTITUTIONS	PG B.Ed, RESEARCH AND HIGHER STUDIES
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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
NET	29
GATE	2
SET	5
Any Other	3
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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
SPORTS	INTERCOLLEGIATE CHAMPIONSHIP	4
College Union Arts Day	College Level	870
College Union Sports Day	College Level	652
CELE FIESTA	UNIVERSITY LEVEL	780
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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	NATIONAL YOUTH FESTIVAL DELEGATE	National	Nil	1	4326	KIRAN VENUGOPAL

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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)

An elected College Union is functioning in the campus. Every year, arts and cultural events are organized by the Union. This include the conduction of Association Days, Arts Festival, Film Festivals and Gender Sensitization Programmes. A major programme conducted in the campus in this academic year was Cele Fiesta, the festival of Existence. The programme led by the Calicut University Union and our Institution turned a big success. The representatives of the College Union under the leadership of the Union Chairman played a vital role in the smooth functioning of the Institutional events. The elected members and representatives are included in the various committees and decision-making bodies functioning in the Campus.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

As a higher educational Institution in Pattambi, which shares equal distance with Thrissur and Malappuram districts of Kerala, Sree Neelakanta Govt. Sanskrit College accommodates a wide range of students. Following the policies of the state and the UGC, the institution has been putting its efforts in maintaining the socio-economic and cultural well being of the student community. The strength of the Institution, other than the student community is the rich of its active Alumni Association, which extends its help and support in various forms.

5.4.2 – No. of enrolled Alumni:

3587

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

104000

5.4.4 – Meetings/activities organized by Alumni Association :

2 Alumni meetings were conducted this year.

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)

Conducted Sastrayan funded by the RUSA to exhibit the potential of the institution. All the faculty members and the students participated in the event showing the capability, know-how and the academic excellence. Many schools, colleges and the general public queued up to understand what the college could offer to the society. Each student, teacher and other staff members performed

specific responsibilities in the event. Another remarkable event was the installation of the Solar panel on the rooftop of the College office, generating 10Kw of electricity. This project also was supported by RUSA expending an amount of Rs. 37,84,128. The generation of Green energy has always been the objective of our institution. The college also has a plastic recycling unit. This project was spearheaded by the Chemistry Department, producing useful products from plastic wastes generated on the campus.

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
Admission of Students	Admission of the students is done on the basis of merit only. The reservation parameters are also taken into account. All admission processes are streamlined through the web portal of Calicut University. Fee concession to the students is offered as per the norms prepared by the Government from time to time.
Industry Interaction / Collaboration	Collaborated with IIT Palakkad, for the popularisation of science. Prof.P.Narayanan Centre for Public understanding of Science is such an attempt..
Human Resource Management	There are many committees in the college for the decentralization of the activities and the optimum use of manpower .These bodies function properly and submit their progress reports regularly.
Library, ICT and Physical Infrastructure / Instrumentation	The Central Library has been totally computerised with advanced software. There are digital books, INFLIBNET, DELNET and a Manuscript library as part of the central library. There are around one lakh books in the library.
Research and Development	Four Departments of the college have the status of Research Departments. Modern equipments are provided to the Science Departments to support the scholars to produce better outputs. The agencies like RUSA have done commendable help in the same. Better library facilities are made available to the humanities subjects to increase the quality of the research.
Examination and Evaluation	Examinations are streamlined in an organised way. The University examinations are strictly conducted as per directions. Internal examinations

also are routinely conducted and results published in due time. The remedial examinations too are conducted, providing opportunity to the ones who lost the chance. Grace marks are given to NSS volunteers, NCC Cadets and University level winners in Arts and Sports competitions.

Teaching and Learning

There is a web portal LMS for the college in addition to a website maintained by the college. The LMS is used to improvise Teaching and Learning by uploading notes, live classes and e books. Online examinations can also be conducted in this system. The system enables the teachers to review the notes and question banks for using the same for the future. There are live exercises available for the students pertaining to the class room. In addition to that, reference materials are stored so that the students can find them for additional information. In short, the LMS acts as a knowledge hub for both the students and the teachers. A well tuned tutorial system also is part of teaching and learning process.

Teaching and Learning

Curriculum is designed by the university. In this process, many of our staff members took part. There is a well maintained computer hub in the college and also a modern IT center which is in the process of completion with modern amenities. There is a new building coming up and the work is almost complete at an expense of around 30 crores.

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

E-governance area	Details
Planning and Development	There is a portal by the government called SPARK, for preparing the salaries of staff. This also is helpful in managing human resources. Examinations are augmented through the portal.
Administration	Utilization of Systems like DDFS to transfer files, maintain speed and also to make the office paper-free in future. DDFS has not been fully operational yet.
Finance and Accounts	PFMS for fund management and tracking is used.
Student Admission and Support	Student admission is done by the

	university through a web portal by a centralized admission process. E grants are managed by the portal.
Examination	Student details are uploaded, fee remitted online and hall tickets are downloaded.

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 !!!				
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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)
No Data Entered/Not Applicable !!!						
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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
Faculty Development Programme	5	17/05/2017	07/03/2018	28
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
69	69	39	39

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
GPAIS, GIS, SLI, MEDISEP	GPAIS, GIS, SLI, MEDISEP	E GRANTS, scholarships, counselling classes

6.4 – Financial Management and Resource Mobilization

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

The institution is run by the Kerala govt and thus Accountant General conducts frequent audits of the accounts. The Department of Collegiate Education also conducts audits of the accounts routinely. The funds raised internally such as the PTA funds are audited by the Chartered Accountants and are placed before the respective committees.

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
Parent Teacher Association	3784128	To conduct various training programs and other welfare activities for the students
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6.4.3 – Total corpus fund generated

24219128

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	No	Nil	Yes	IQAC
Administrative	Yes	Accountant General and Director of Collegiate Education conduct routine audits.	Nil	College council deputed members to do audits from time to time.

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

The PTA funds collected at the time of Admission to meet various needs of the students. Annual General body and Executive committee meeting conducted to monitor the functioning of the college. Class PTAs met to evaluate teaching and learning.
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6.5.3 – Development programmes for support staff (at least three)

Staff club functioned actively. Cooperative store also functioned to provide teaching and learning materials at reduced prices. Seminars and Workshops conducted to enhance the quality of the staff.

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

A new IT Hub is being constructed in association with RUSA to boost ICT related learning process. A toilet complex for boys is being constructed. Indoor stadium with sports complex has got administrative sanction.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No

d)NBA or any other quality audit

No

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
2017	Orientation to all staff on LMS	01/08/2017	21/09/2017	21/09/2017	108
2018	Orientation to all staff on College Web site management	01/08/2017	11/07/2018	11/07/2018	107
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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
Yoga Training by Counselling Cell	21/06/2017	21/06/2017	180	45
An Awareness class on personal hygiene	13/07/2017	13/07/2017	180	22
Balikadinam	11/10/2017	11/10/2017	380	30
International Women's Day	08/03/2018	08/03/2018	120	15
A session on 'Navothanam' - Poetry Carnival	10/03/2018	10/03/2018	278	98
Poetry performance by Leenamanimeghala	10/03/2018	10/03/2018	160	48
Saluting the Legend Prof. M. Leelavathy - by Dr. P. Geetha	11/03/2018	11/03/2018	138	23

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

40 PERCENTAGE OF POWER REQUIREMENT OF THE COLLEGE MET BY THE RENEWABLE ENERGY SOURCES. The building of environmental consciousness has always been a motto of the institution. Keeping this idea in the forefront, various strategies have

been chalked out from time to time. Sustainable and green energy sources as alternatives have been one of the major initiatives. All possible efforts have been made to bring down the dependence on KSEB power supply, and to find out some alternative for the same. The majority of the departments and offices utilize LED lights expecting a major drop in power consumption rates. Moreover, all equipments including refrigerators are ensured of having energy star ratings with them. A considerable degree of success has been met by the installation of solar panels of 15 MW with a net expenditure of 15 lakhs from the RUSA fund. This is quite helpful enough to meet around forty of our domestic power needs. The centralized grid connection associated with these panels ensure that during peak periods, the unused power is directed to the distribution system of the Kerala State Electricity Board. Another noteworthy initiative is a biogas plant established in the college campus itself to deal with the problem of biodegradable wastes. This project was established with an expenditure of Rs. 1.5 Lakhs from the RUSA fund.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	20
Provision for lift	Yes	20
Ramp/Rails	Yes	20
Braille Software/facilities	No	Nil
Rest Rooms	Yes	20
Scribes for examination	Yes	10
Special skill development for differently abled students	No	Nil
Any other similar facility	Yes	20

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
2017	1	1	25/05/2017	2	Botany Workshop	Lab training for HSST school teachers and Researchers on Biotechnology	60
2017	1	1	14/06/2018	1	Ramdan Thoughts	In connection with	120

						Ramzan - harmony of people	
2017	1	1	21/07/2017	1	Yoga Day	International Yoga Day	215
2017	Nil	1	21/08/2017	10	Hajj Camp	Help desk to address local people for Hajj pilgrim	142
2017	1	1	Nil	1	Survey at Ongallur	Supported by Kerala Sasthra Sahithya Parishad - to map needy groups	102
2017	1	1	26/10/2017	3	Cele Fiesta	Calicut University Union Students Carnival	780
2018	1	1	15/02/2018	2	Sasthrayan	To showcase the facilities and achievements of our college	1578
2018	1	1	08/03/2018	1	Kutiyatam and Nangyarkuthu	To bring these art forms into limelight and project its importance	147
2018	1	1	09/03/2018	3	Poetry Carnival	Inclusion of all types of poets, theatre artist in and around the	2200

						region	
2018	1	1	08/03/2018	1	Punnasseri memorial talk	To spread the vision of Hon. Sri. Punnasser i Nambi	150
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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)
DCE Handbook	06/06/2017	The DCE hand book contains a detailed code of professional ethics and practices for the stake holders of the college. This is also used by the stake holders as a reference manual in dealing with matters related to the administration of the institution. The hand book is distributed among the stake holders, the ethical frame works is strictly followed in the practices of the organisation. Online copy is available at https://sngscollege.org/iqac/handbooks
College Calender	07/06/2017	College calendar is prepared in accordance with the academic calendar of Calicut University and also including the scheduled programmes of the college. It also has the necessary details for the students for planning their academic year Online copy is available at https://sngscollege.org/iqac/handbooks
Guide book on FLIPPED LEARNING	09/08/2017	Dr. Vivek P J, Assistant Professor Botany of this college, had undergone one month FLAIR International Internship during the year 2016 at University of Derby, UK and had implemented the Academic

		Best Practice FLIPPED LEARNING - a teaching strategy for critical thinking at SNGS College, Pattambi. In order to facilitate the practice of the above mentioned best practice, a guide book had been distributed to all teaching staff of this college. Online copy is available at https://sngscollege.org/iqac/handbooks
Guide book on REFLECTIVE TEACHING	09/08/2017	Dr. Resmi M S, Assistant Professor Botany of this college, had undergone one month FLAIR International Internship during the year 2016 at University of Derby, UK and had implemented the Academic Best Practice REFLECTIVE TEACHING at SNGS College Pattambi. In order to facilitate the practice of the above mentioned best practice, a guide book had been distributed to all teaching staff of this college. Online copy is available at https://sngscollege.org/iqac/handbooks

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Orientation Program for the First Year Degree Students	17/07/2017	18/07/2017	448
Swatch Bharath Abhiyan	02/10/2017	02/10/2017	220
Blood donation camp	15/11/2017	15/11/2017	180
Observation of International Yoga day	21/06/2017	21/06/2017	215
Observation of World Environment day	05/06/2017	05/06/2017	550
Nila Cleaning Campaign	Nil	Nil	102

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

The college has conducted or taken initiative to make the campus eco-friendly through different programs, of which majority are through Department of Botany, Nature Club, NSS, NCC, Bhoomithrasean, Encon club, College Beautification committee etc. Important ones are 1) Exhibitions, cartoons, poster presentations, collashes etc on Nature Club notice board in connection with special days with nature and conservational importance. This was very much effective in creating awareness of conservation among students. 2) Butterfly garden with many honey and host plants were made in our campus in collaboration with Botany Department. Plants for the garden are collected and planted by nature club members. The garden provided a good pasture for various butterflies of the campus. 3) URJAKIRAN Programme: 'Urjakiran' is an Energy Conservation Awareness Campaign by Energy Management Centre, Govt. of Kerala implemented by Centre for Environment Development and WWF-India, Kerala State Office. Nature Club of SNGS College in connection with WWF-India, Kerala conducted the programme in Pattambi and it included a formal inaugural session, awareness class, activity session, placard making (for the rally). The awareness class were taken by Mr. AK Sivakumar, Senior Education Officer, WWF-India, Kerala State Office and Mr. Murugan P (WWF volunteer). Rally was by nature club members done on 14th Dec 2017 from SNGS college to pattambi town with prepared placard for creating awareness of the need for energy conservation. 4) A bird watching club is initiated in our campus. Our campus area with Kuttivanam, Biodiversity park and area of the college quarters' area, all filled with trees bushes, provided a good natural habitat for various birds. Many rare birds including Hornbill have been reported from our campus. 5) Birdbaths are made in college campus and quarters. It was very much helpful in area like Pattambi where water scarcity is very high and it would provide water to birds. Having a birdbath is an advantage to students who enjoys observing nature in general and bird behavior in particular. 6) Campus cleaning - Campus cleaning was done by nature club members, NSS, NCC volunteers and other students of the campus 7) Nature Club of our college organized photo exhibitions, awareness programmes, exhibition of non timber forest products and quiz competition for students and publics. These activities are conducted in connection with Sasthrayan 2018. 8) The college council had decided to prepared the masterplan of the campus and should complete during the next academic year. In master plan thrust has been given to protect the green zones like Botanic garden (1), butterfly gardens (2), protected garden (1), medicinal plant garden (1) and biodiversity rich areas at the front and back side of the campus 9) The college council had decided to have an eco-friendly OPEN AIR AUDITORIUM instead of seminar hall as part of RUSA project. The Open Air Auditorium completed.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE 1: SNGS COLLEGE LEARNING MANAGEMENT SYSTEM The college Learning Management System (LMS) was introduced as a part of the Internal Quality Assurance Cell's commitment to provide support to students, in addition to their regular courses. For this, a learning management system that works based on the open-source programme-MOODLE was installed with the web address <https://sngscollege.org/online> by Dr. Santhosh HK. Our LMS was designed to suit the needs of both the teachers and the students simultaneously. It provides more than 50 variety of tools to provide notes, video lectures, online live classes, Assignments, Evaluations or Tests, Surveys, Feedbacks, etc. Among these, the most widely used Activities and Resources by our LMS system this year are as follows: Resources- These are materials provided by the teacher to the students • Files: the teacher provides a picture, document, spreadsheet,

sound file, video file, etc which the students can directly view or download and access. • Folders: The teacher provides more than files that organized in a folder or share sub folders related to a single topic or subject • Page: The teacher creates a single scrollable web page with the robust HTML editor, that a student can view like other normal web pages with pictures, videos, notes, hyperlinks, voice recordings, etc. • URL: Used by teachers to share their web contents or external content to the students via web links which can be accessed within our LMS window (embedded) or as new tabs by the student on their web browser. It helps the teachers to share their files in google drive, youtube or other video/audio content, relevant web pages, online slide presentations, etc. • Book: A resource to share multi-page content or notes with a book-like format Activities- These are contents where students can interact with the teacher or other students. • Database: A record or database that students can create, maintain and search entries. • Forum: Enables discussions by students with teachers and other students • Glossary: Allows students to create and maintain a list of definitions, like an encyclopedia or a dictionary • Assignment: It helps the teacher to give assignments which the students can be uploaded as files or voice/video recording or typed text and evaluated with comments and graded online • Quiz: It's used for tests which allows the teacher to set tests or quizzes that can be automatically or manually valued with feedback at the time of tests, immediately after the test and after the exams. Thus the Quiz activity not only helps to evaluate the students but also guides the student to learn the topic. • Feedback: An activity which teacher can use to collect feedback or survey about the topic • Lesson: An activity where the teacher can design contents in flexible ways to cater to the needs of students at different learning levels in the same class. • Big blue button: Helps the teacher create real-time on-line classrooms within the LMS portal for online class or face to face discussion with students

A committee for monitoring the functioning of the LMS was formed chaired by Dr. Santhosh H K (HOD Malayalam and IQAC Co-ordinator) and at least one member from each of the Departments of the college. All the courses (Subjects/papers) were created on the LMS portal by the LMS administrators. Later, the LMS Monitoring Committee created a database and inducted all teachers and students into this LMS portal with help of trained student volunteers. The committee decided to provide a training session to teachers and students of the college. For this two separate sessions were given to teachers by Dr. Santhosh H K and general orientation about LMS for students by LMS, followed by training by teachers to their respective department students. Teachers and students on regular basis used the LMS to support their classroom teaching-learning process. The activities were monitored and the difficulties faced by the teachers and specifically the students were addressed regularly by the members of the LMS monitoring committee. The implementation of LMS was wholeheartedly received by all the department faculties and pupils. In addition to these, two new add-on courses for competitive exam aspirants from outside the college were introduced for higher secondary school teachers (HSST) PSc exam training in Chemistry and Malayalam. These modules served around 80 students in Chemistry and around 240 students in Malayalam. A nominal fee was collected from these participants by the PTA to run the expenses related to hosting and maintenance of the LMS Web Portal. The programmes were greatly appreciated by the participants and they were successfully completed.

BEST PRACTICE II: PROF NARAYANAN CENTRE FOR PUBLIC UNDERSTANDING OF SCIENCE. (SUPPORTED BY IIT PALAKKAD The aim of the PROF NARAYANAN CENTRE FOR PUBLIC UNDERSTANDING OF SCIENCE is to contribute to the understanding of science by the public, intensification of the concept of reason and to develop technology and know-how to resolve requirements locally. Currently, the center is supported by IIT Palakkad and the procedure for officiating as collaboration is in the pipeline. By 'public' we mean the largest possible audience from the nearby places of the college. The center is supposed to engage with organizations or people who have the power and ability

to propagate or oppose the ideas especially with scholars in other sciences and in humanities, engineers, journalists, politicians, professionals, and artists. Understanding' in this instance gives both the beauty and content of science. The goal is for the public to appreciate the concept of reality which science forwards about the natural world, its falsifiability and how it proceeds. Ultimately this process should provide an insight into the connectedness of science and their everyday life. Science here means, not only the natural and mathematical sciences but also the history of science and the philosophy of science as well. However, preference should be given to specialties that express or achieve their results mainly by symbolic manipulation, such as Particle physics, Molecular biology, Cosmology, Genetics, Computer science, Linguistics, Brain research, and, of course, Mathematics. These are the areas where the idea of abstraction is highly positively used and because of the same thing, communication to the public is at stake. The activities of the center will be supported by IIT Palakkad and coordinated by IQAC in the college. A committee involving teachers from the college and IIT will involve in the planning of different types of programmes. Primary goals To bring the issues in the society to a scientific platform and to analyze the same in the light of reason. The task of communicating science to the layman without having the risk of oversimplification is not a simple one. The Center is supposed to hold meetings on current issues to cultivate a scientific perspective. How to have minimum self-sufficiency in using technology, in energy solutions and in rural area is also its primary target. Responsibilities Because of the importance of communicating with as wide an audience as possible, any such efforts should be directed primarily towards the education of non-specialists and laymen. How to transform the society in terms of reason by bringing them continuously to discussions with materials and scholars, is the prime responsibility. Interaction of the center with the society should have the pedagogical range that goes beyond the conventional teaching methods. The lectures and programmes should address the different strata of the society, effectively. The center is supposed to interact with political, religious, and other societal forces too. To revise and to reinvent the science teaching and learning, the only way is to engage with neighboring schools and to work with them. Ongoing Projects 1. A lecture of a contemporary intellectual on subjects related to science, history of science, philosophy, and politics of science has to be organized. 2. Plastic recycling machine for the conversion of plastic bottles into useful things is already set up as the project work of physics students of 2018-19 under the center. Investigation to find out convenient temperature for different types of plastics is going on. 3. A workshop on molding glass is planned to have in Nov 2018. 4. A two-day workshop for formulating the methodology for translating science to Malayalam conducted in November in association with Malayalam Department. 5. Three two day workshop, mathematics for physics teachers, physics for chemistry teachers and chemistry for biology teachers will be conducted. 6. Solar lights is planned to install as the project work of students. 7. Biodiversity study of forest area in Ramagirikota is in the initial procedures.

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

The third edition of the popular cultural program 'Poetry Carnival' was entitled "Poetry: Resistance and Counterculture". This year's Carnival was a quest to forge from history, the subjectivity of Malayalam poetry as a language

of individual and collective resistance against the myriad forms of power and oppression. It envisaged to bring the marginalized representations like folk songs, poetry on dalits, women and environment to the fore. National Seminars, Poetry Readings, Debates, Meet the poet sessions, Installations, Art Exhibitions, Book launches and book fests, dance, music as well as live painting and sculpturing camps were a few among the highlights of this year's Carnival, which was solemnized in five different venues. Stage 1 held invited lectures and seminars, while Stage 2 witnessed Poetry readings. Parallel seminars and discussions took place in Stage 3, and Stage 4 hosted a unique live painting and Sculpturing camp. A workshop for poetry writing was held in stage 5. The lecture series entitled "Writing and Resistance", which examined the role of a writer and writing in times from Kerala Renaissance to the contemporary political uprisings against fascism, was organized in three days. The Carnival also hosted two national seminars, along with other events, with the financial aid from the Department of Collegiate Education. The National Seminar "Counternarratives in Folk Songs" sought to explore the voices of resistance in the folk songs, that took form in different spacetimes starting from the casteist and feudal past of Kerala. The second national Seminar was titled "Resistance and Counterculture: Milestones in Malayalam Poetry". It sought to historicize the many attempts in Malayalam poetry, which captured the memory of resistance, struggles and socio-political movements, starting from Kerala Renaissance and Colonial Modernism. A three day live workshop for painting and sculpturing was also organized in the campus. It proclaimed the vital role of art and writing in troubled times to the Carnival audience. The three day workshop for poetry was conducted with the co-ordination of Calicut University Union. 'Focus': Poetry reading session: A novel program was included in this edition of the Carnival. A session was designed with ten experts in poetry discourses assigned as curators. Each of them presented five young poets and their poetry. The three day cultural festival of Pattambi cost an expense of six lakhs every year, which was impossible to be met by the College, with the financial aid from the Department of Collegiate Education alone. Therefore the Carnival had been co-sponsored by Kendra Saihtya Akademy, State Cultural Department, Kerala Sahitya Akademy, Kerala State Council for Historical Research, several other governmental and non-governmental agencies, local self governing bodies as well as online collectives of Literature and Culture lovers. As the College authority could not single-handedly manage the public participation, food and accomodation of guests and their travel, a People's Organizing committee was formed with the honorable MP of Palakkad, M.B. Rajesh as its patron, Pattambi MLA Mohammed Musin as Convenor and the Presidents of local self governing bodies in the vicinity of Pattambi as members.

Provide the weblink of the institution

<https://sngscollege.org/>

8.Future Plans of Actions for Next Academic Year

1. Implementation of ICT/E-governance in all the administrative and academic sections to make the campus fully automated.
2. Usage of e-Resources in all academic practices.
3. Turn the Campus Clean, Green and Polythene free.
4. Plans to evolve a strategic plan to generate alternatives energy sources in a better way.
5. Proposal for financial assistance from Government for the development of science labs.
6. Proposal for increasing the academic extension programme budget.
7. Proposal for getting Special funds under Centre of Excellence Head from Government.
8. Completion of placement procedures for all faculties as per new Career Advancement Scheme