



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		SREE NARAYANA COLLEGE, SIVAGIRI, VARKALA
Name of the head of the Institution		Dr. K.C. PREETHA
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04702602362
Mobile no.		9895262736
Registered Email		sncvpr@gmail.com
Alternate Email		kcpreeetha1990@gmail.com
Address		Sree Narayana College, Sivagiri, Sreenivasapuram.P.O, Varkala
City/Town		Thiruvananthapuram
State/UT		Kerala
Pincode		695145

<b>2. Institutional Status</b>	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. Soju S
Phone no/Alternate Phone no.	04702602362
Mobile no.	9567763830
Registered Email	iqacsncv@gmail.com
Alternate Email	sojumanu2002@yahoo.co.in

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.snclsivagirivarkala.com/AQAR.php">http://www.snclsivagirivarkala.com/AQAR.php</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="http://www.snclsivagirivarkala.com/academicCalender.php">http://www.snclsivagirivarkala.com/academicCalender.php</a>

**5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	75	2004	03-May-2004	02-May-2009
2	B	2.65	2015	15-Nov-2015	14-Nov-2020

<b>6. Date of Establishment of IQAC</b>	12-Jul-2005
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**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

National Level Online Business Quiz during Covid Pandemic	27-May-2020 1	1291
Webinar on Dealing with Exams: Psychological Assistance during the Time of Corona	29-May-2020 1	172
Webinar on Career Prospects and Possibilities	23-Jul-2020 1	250
<a href="#">View File</a>		

**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
Sree Narayana College, Sivagiri, Varkala	SSP	Govt. of Kerala	2019 365	107000
Sree Narayana College, Sivagiri, Varkala	PD	Govt. of Kerala	2019 365	1143598
Sree Narayana College, Sivagiri, Varkala	UGC	UGC	2019 365	12000
Sree Narayana College, Sivagiri, Varkala	DBT STAR	DBT	2020 365	5400000
Sree Narayana College, Sivagiri, Varkala	ASAP	Govt. of Kerala	2019 365	94401
Sree Narayana College, Sivagiri, Varkala	WWS	Govt. of Kerala	2019 365	137600
<a href="#">View File</a>				

**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	<a href="#">View File</a>												
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No												
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>													
1. Participated in NIRF Ranking 2. Initiated and successfully started online teaching. 3. Applied for FIST 4. DBT STAR Status attained 5. Green Auditing Initiatives 6. Gender Auditng Done 7. Academic and Administrative Audits conducted 8. Conducted webinars during covid pandemic times 9. Preparation of SSR for NAAC Reaccreditation													
<a href="#">View File</a>													
<b>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</b>													
<table border="1"> <thead> <tr> <th>Plan of Action</th> <th>Achivements/Outcomes</th> </tr> </thead> <tbody> <tr> <td>Green Protocol</td> <td>The Institution was awarded A Grade by Haritha Mission, Govt of Kerala</td> </tr> <tr> <td>Organise academic activities through online mode</td> <td>Webinars were organised to promote research skills of students and teachers</td> </tr> <tr> <td>Guidelines for faculty members for e-teaching</td> <td>Encouraged teachers to participate in training in e- learning and e-content development</td> </tr> <tr> <td>Stock Verification</td> <td>Department-wise stock verification conducted</td> </tr> <tr> <td>Inclusive Education</td> <td>Augmented Infrastructural facilities for differently abled students. Addressed digital divide among students.</td> </tr> </tbody> </table>		Plan of Action	Achivements/Outcomes	Green Protocol	The Institution was awarded A Grade by Haritha Mission, Govt of Kerala	Organise academic activities through online mode	Webinars were organised to promote research skills of students and teachers	Guidelines for faculty members for e-teaching	Encouraged teachers to participate in training in e- learning and e-content development	Stock Verification	Department-wise stock verification conducted	Inclusive Education	Augmented Infrastructural facilities for differently abled students. Addressed digital divide among students.
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<a href="#">View File</a>													
<b>14. Whether AQAR was placed before statutory body ?</b>	Yes												
<table border="1"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td>College Council</td> <td>13-Aug-2021</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	College Council	13-Aug-2021								
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College Council	13-Aug-2021												
<b>15. Whether NAAC/or any other accredited</b>	No												

body(s) visited IQAC or interacted with it to assess the functioning ?	
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2020
Date of Submission	23-Feb-2020
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The MIS provides a comprehensive mechanism to record the student details and their exam performances in a database for permanent storage. Software shall be accessed from a browser. The student records can be searchable with student ID or Student name. Student name search should bring all the names of like name text, including the student Id, year of joining and present semester etc in a tabular form for identifying the searched name from the list. The student records are able to be updated with student exam performances and semester progressions. Any exams which are failed are recorded against the semester for providing remedial coaching. Details like repetitive appearances as well as the results are also recorded. The Student tutorial data including all the personal details of the students are recorded in the MIS .Their extracurricular activities at school level is also recorded to identify and nurture the talents of students. A mentoring module is developed for ensuring an effective mentoring system in the campus. Mentors only can access and edit the details of their mentees through password protected log in.</p>

## 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

The college has been imparting quality education with the aim to realise its vision "Liberation through education" as envisaged by Sree Narayana Guru. As

the college is affiliated to the University of Kerala, the curriculum and syllabus prescribed by the university is followed in the institution. The college offers choices to students in the form of open courses and electives chosen from the subjects offered by the university to cater to the diverse and local specific needs of the students. The college delegates its faculty members to participate in the syllabus revision, question paper setting, Board of Examiners at University level. The faculty members of the college actively participate in designing the curriculum of the University in various capacities like chairperson, member of Board of Studies, Academic Council, Senate and Syndicate. The college conducts a wide range of programmes and activities every year to enrich the curriculum transaction. Seminars, workshops and exhibitions sponsored by UGC, DBT, KSCSTE, University of Kerala, PTA are organised by various departments and clubs and it is properly documented. The college has academic collaborations with institutions of national and international reputation namely NIIST, , NCESS, , IIUCNRM of University of Kerala ,National Highway Research Institute Thiruvananthapuram,Meteorological Department of India.Thiruvananthapuram. The practical aspects in the curriculum are effectively delivered through practical sessions conducted in well equipped and maintained laboratories. The college library plays a pivotal role in the curriculum delivery through an open access system and fully automated KOHA open source software. There is a collection of 42,644 books, 62 CDs/DVDs, 5 journals and 17 magazines, 8 newspapers. More than 1100 e-journals and 300 e-books are available through INFLIBNET N-LIST consortium. The college installed a digital institutional repository to enable round the clock access to all library facilities including digitized versions of previous years question papers. The stack room maintains a collection of rare books and special collection of books related to Sree Narayana Philosophy which is a treasure for the researchers and students. All the departments are regularly organising seminars and workshops for imparting the recent developments in the concerned domain. Industrial exposure training is given by Commerce, Chemistry, Physics and Geology departments. Field trips are organized by all departments to ensure greater exposure to the students in their area of study. The faculty members are encouraged to attend refresher courses, short term courses, seminars, workshops and symposia organized by Institutions of National and International repute. Training programmes on ICT usage in classrooms is regularly organized within the campus on a need basis.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Banking and Financial Service	Nil	15/10/2019	180	Financial Services	Marketing of Financial Instruments
Computer Hardware and Network Maintenance	Nil	15/10/2019	180	Hardware mechanics	Hardware repairing and networking
Heritage Tour Through Kerala History and Archeology-	Nil	15/10/2019	180	Tour guide / Tourism industry	History of heritage and archeologica l science
Food Processing	Nil	15/10/2019	180	Hotel industry	Food preparation

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BA	LANGUAGE SKILLS	12/06/2019
BCom	LANGUAGE SKILLS	12/06/2019
BSc	LANGUAGE SKILLS	12/06/2019
BA	ABILITY ENHANCEMENT COMPULSORY COURSE: ENVIRONMENTAL STUDIES AND DISASTER MANAGEMENT	12/06/2019
BSc	ABILITY ENHANCEMENT COMPULSORY COURSE: ENVIRONMENTAL STUDIES AND DISASTER MANAGEMENT	12/06/2019
BA	ENGLISH FOR CAREER	12/06/2019
BSc	ENGLISH FOR CAREER	12/06/2019
BCom	BUSINESS ENGLISH	12/06/2019
BSc	SPACE SCIENCE	01/11/2019
BA	ENVIRONMENT ECONOMICS AND DISASTER MANAGEMENT	03/06/2019

[View File](#)

### 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
<b>No Data Entered/Not Applicable !!!</b>		

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

	Certificate	Diploma Course
Number of Students	120	0

## 1.3 – Curriculum Enrichment

### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Space science	01/11/2019	42
Ecology, Habitat Destruction And Disaster Management	01/06/2019	46
Environment Economics and Disaster Management	03/06/2019	141

[View File](#)

### 1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field
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		Projects / Internships
MSc	CHEMISTRY	11
MSc	GEOLOGY	3
MSc	PHYSICS	2
No file uploaded.		

#### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
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
<p>Our college has an effective mechanism to collect and evaluate feedback from students, teachers, alumni and parents. The student feedback is collected confidentially by the principal from the students. The collected feedback is analysed and the institution is keen in incorporating all the suggestions received from the stakeholders for its overall development. Student feedback on teachers is analysed and based on which each teacher makes a self-evaluation and general remarks are discussed and corrective measures are taken. Student feedback on curriculum and department is taken into consideration and a wide range of programmes at regional, national and international levels are organized every year for the holistic development of student community. Smart class rooms, ICT enabled facilities and digital library are provided to students to make them in line with the recent trends and developments. Timely renovation and maintenance of laboratories along with the purchase of sophisticated equipment is ensured annually. Skill based initiatives such as ASAP ,WWS, SSP, a well functioning career guidance cell , placement cell, talks by invited guests are organized to bring the students out of the textbook and to hone their professional and soft skills. Remedial classes are given for academically weaker students so as to enable them to compete inspite of their difficulties. A well functioning tutorial cum mentoring system in the college helps our teachers to understand more about their students' back ground both academically and economically. The system is very useful in helping the needy and to support them in their studies. Internal examinations are conducted and evaluated in each semester before the arrival of the university examinations .It helps the students to improve in their studies and to attain better results. Value added courses are included in the curriculum to mould the students as responsible citizens. Visit to reputed institutions are carried out to inculcate the research aptitude of students. Feedback from teachers on curriculum is discussed and suggestions from teachers are considered. Delegates from the college in the syllabus revision commmittees discuss the feedback to make the desired changes in the syllabus. The feedback collected during department level PTA meetings are discussed in the PTA executive meeting and the suggestions are incorporated in the functioning of the institution. The college has a vibrant alumni for all departments which is spread across the world. During alumni meetings suggestions on the improvement of infrastructural facilities of the college are discussed. The alumni members have contributed significantly for the infrastructural enhancement of the institution. Invited</p>



talks by noted alumni are organized by the departments which is inspiring for the students. Exit feed back is also collected from the students and corrective measures are implemented.

## 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	GEOLOGY	12	139	12
MA	ECONOMICS	15	378	15
MSc	CHEMISTRY	10	570	10
BA	HISTORY	30	3134	30
BSc	GEOLOGY	24	1997	24
BA	ECONOMICS	100	3026	100
BCom	HOTEL MAMGEMENT	30	2529	30
BCom	FINANCE	60	3591	60
BSc	CHEMISTRY	32	1783	32
BSc	BOTANY	32	2560	32

[View File](#)

### 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
2019	452	47	31	0	36

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
67	67	9	19	13	24

[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)

Student mentoring system is practiced in the college at tutor level, department level and institution level. The students are mentored at the time of admission with regard to the nature and prospects of disciplines that they intend to choose. Then the new entrants are mentored at the time of their orientation. Class tutors organize class wise meeting of mentees at the beginning of each semester. Individual mentoring sessions are conducted in each semester or whenever needed. In the tutorial sessions, the mentors monitor the academic progress of their

mentees and provide adequate assistance. Slow learners and students who need special attention are identified during this session. Tutors mentor the students in matters relating to their higher studies, placement, assignment submission, publication of research papers, use of e-resources in the library, participation in certificate and online courses offered by NPTEL and MOOC, organizing seminars and conferences, educational field trips and project report and viva-voce preparation. Mentors guide the students in developing their leadership and social skills by ensuring their participation in extension activities, NCC, NSS, community outreach programmes and other club activities. Tutors guide their students in availing various scholarships of central and state sectors. For the holistic development of students and for the development of their soft skills, mentors motivate their mentees to enroll in

ASAP and WWS. Tutors help to mould the creativity of students and provide them with ample exposure to various realms of arts and media by encouraging them to participate in various clubs such as Performing Arts Club, Music Club, Debate Club and Media club functioning in the college. Mentors identify the talented students and ensure their participation in arts, sports and literary programmes in connection with Arts day, Annual day, Sports Meet and during various departmental associations and all these provide them a platform to showcase their talents. Tutors help wards to understand the objectives of the programmes and lead them to attain positive outcomes. Counselling is given to students on personal matters and problems. If any higher level action and serious interventions are needed, HODs are intimated. HODs inform the parents on serious issues like continuous absenteeism and discipline related matters. If needed, students are given professional counselling through the counselling cell of the college which extends psychological and social support. A brief record of the mentoring sessions is maintained by the class tutors. The IQAC of the college monitors and evaluates the mentoring activity of all departments. Based on the feedback received from the mentors and HODs, the IQAC organizes various training programmes, workshops and seminars for the students. Even during the lockdown and Covid 19 pandemic situation, the mentoring system was facilitated and continued successfully through online mode. An online Psychological counselling session was organized in google meet to address the examination fear and stress of students due to Covid 19 pandemic. Mentor Mentee ratio for the last completed academic year is 29:1.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1945	67	1 : 29

## 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
72	67	5	7	34

### 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
2019	Smt. SINI V	Assistant Professor	Sree Narayana Sahitya Parikshath Bhargavan Vaidhyar Smaraka Puraskaram
<a href="#">View File</a>			

## 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
BCom	159	2020	10/03/2020	21/08/2020

BSc	235	2020	10/03/2020	27/08/2020
BSc	245	2020	10/03/2020	27/08/2020
BCom	339	2020	10/03/2020	08/09/2020
BA	150	2020	10/03/2020	27/08/2020
BSc	210	2020	10/03/2020	27/08/2020
BA	140	2020	10/03/2020	27/08/2020
BA	115	2020	10/03/2020	27/08/2020
BSc	220	2020	10/03/2020	27/08/2020
BSc	230	2020	10/03/2020	27/08/2020

[View File](#)

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

Evaluation of the students plays an important role in determining the efficiency and effectiveness of teaching- learning system. The college is affiliated to the Kerala University and hence the college follows the system mandated by the university. The college follows choice based credit and semester system in the UG and PG level. Since the inception of CBCSS, university made reforms in the evaluation process which are followed by the college. Both continuous internal evaluation (CIE) and end semester examination (ESE) are followed in each semester. The per cent of marks awarded for internal as well as external examinations is in a 20:80 ratio for UG and 75:25 for PG.

Continuous internal evaluation is done based on the attendance, assignments/seminars and test papers in UG and PG programmes. A minimum of 75 attendance is essential for attending the end semester examination. Orientation Programmes are conducted every year to the newly admitted students and their parents for giving awareness about various aspects like rules and regulations to be followed by the student in the college, curriculum, examinations and also evaluation processes. The College Calendar/ Handbook contain all relevant information about evaluation process. As per the suggestions of the IQAC and examination committee, tentative dates of model examination are decided well in advance by the college council. Prior information is given to students about the model examination. Model examination is conducted in a centralised manner.

It is the duty of teachers of a particular department to conduct model examinations at a time. Question papers are collected by the department on or before a prescribed date for the smooth conduct of the internal examination. Time table and seating arrangements are displayed on the notice board. CCTV cameras are installed to monitor the examination process and to prevent malpractices. After the internal examination, answer scripts are valued and internal mark sheets are prepared by considering the marks obtained for attendance, assignments and test paper of students. Comments about the performance of the students are discussed in the class and suggestions are made for improvement. Internal mark sheets will be displayed on the notice board.

Retests are conducted to those students who could not attend the examination because of some genuine reasons. There are chance for the students to view the valued answer scripts and if they have any complaints regarding the internal marks, their grievances will be addressed. A signed copy of the internal mark-list in each paper will be kept in the department. PTA meetings are conducted at the end of each semester to review the academic progress of students and to discuss measures to be taken to improve the performance of students.

Consolidated internal examination mark sheets are prepared prior to University examinations and it is given to students for verification. Verified internal marks are uploaded to University website within the time limit after a three tier verification- tutor level, HoD level and Principal level. A hard copy of the signed consolidated CA mark sheet is kept in the department and another

given to the college office for sending to University. CLMC monitors the evaluation and uploading of internal marks to University.

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

Academic calendar is prepared in tune with the academic calendar of University of Kerala and State calendar. It is distributed at the beginning of a new academic year to both students and teachers. It provides a detailed account of the structure of the choice based credit and semester system and gives a clear idea about the yearly schedule of curricular, co-curricular activities in the college, dates of regular classes, holidays, rules to be followed by the students, details of various courses offered, details of extension activities offered etc. So the parents can also be well aware of the activities and programmes that are going on in the college. This also helps to strengthen the parent -teacher association in the college and thus to make timely intervention of the problems related to individual students. The college calendar also provides details about the proposed dates for submission of assignments/presentation of seminars and internal examination. The evaluation is done on a continuous basis and the scores are reported to the university at the end of each semester. Students get ample time for the preparation for extra-curricular activities as they know the possible dates of the extra -curricular events. Contact information of all faculty members along with the principal is provided in the calendar to maintain a steady rapport between parents and teachers. Taking all the above matters into consideration, a general time table is prepared and a copy of it is sent to all departments. Parallel to the college calendar, all departments have their own time table for faculties for the smooth conduction of Department activities. A copy of the department time table is submitted to the Principal. Principal monitors the overall effective implementation of the yearly schedule. Seminars/conferences/workshops, field visits, industrial visits etc. were also accommodated in the yearly schedule without affecting the instructional hours. In case of occurrence of unexpected events, the schedule may be subjected to slight changes. Thus, the academic calendar of the college plays a vital role in preparing the students for the various events happening in the College.

## 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.sncsivagirivarkala.com/Program\\_and\\_course\\_outcome\\_2019-2020.php](http://www.sncsivagirivarkala.com/Program_and_course_outcome_2019-2020.php)

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
245	BSc	BOTANY	43	31	72.09
235	BSc	CHEMISTRY	40	27	67.5
159	BCom	FINANCE	80	61	76.25
339	BCom	HOTEL MANAGEMENT	56	34	60.71
150	BA	ECONOMICS	136	70	51.47
210	BSc	GEOLOGY	33	25	75.76
140	BA	HISTORY	39	19	48.72

115	BA	MALAYALAM	58	35	60.34
220	BSc	MATHS	59	37	62.71
250	BSc	ZOOLOGY	46	36	78.26
<a href="#">View File</a>					

## 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://www.snscivagirivarkala.com/survey.php>

## 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	730	UGC	100000	0
<a href="#">View File</a>				

### 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 Webinar on Overview of Intellectual Property rights	IQAC	09/10/2020
Workshop on Doll making	Entrepreneurship Development Club	06/12/2019
Orientation On Different govt:Schemes to prospective Enterprenures	Entrepreneurship Development Club	06/03/2020
National Webinar on Quantitative analysis of Research Productivity- Role of Journal indexing and scientometrics	Library	08/08/2020
Seminar on IPR-Copy right	IQAC/Library	19/12/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
HARITHA KERALAM	SN College Sivagiri Varkala	HARITHA KERALA MISSION, Govt. of Kerala	15/12/2020	College-Green Protocol
No file uploaded.				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
<b>No Data Entered/Not Applicable !!!</b>					

No file uploaded.

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
<b>No Data Entered/Not Applicable !!!</b>		

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

Name of the Department	Number of PhD's Awarded
<b>ECONOMICS</b>	<b>1</b>

#### 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)
<b>International</b>	<b>Botany</b>	<b>1</b>	<b>0.70</b>
<b>International</b>	<b>Botany</b>	<b>1</b>	<b>0.81</b>
<b>National</b>	<b>Commerce</b>	<b>1</b>	<b>6.3</b>
<b>National</b>	<b>Commerce</b>	<b>1</b>	<b>6.3</b>
<b>National</b>	<b>Commerce</b>	<b>1</b>	<b>6.3</b>
<b>National</b>	<b>Commerce</b>	<b>1</b>	<b>4.6</b>
<b>National</b>	<b>English</b>	<b>1</b>	<b>6.3</b>
<b>National</b>	<b>Physics</b>	<b>8</b>	<b>5.0</b>
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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
<b>ZOOLOGY</b>	<b>2</b>
<b>MALAYALAM</b>	<b>12</b>
<b>HISTORY</b>	<b>2</b>
<b>COMMERCE</b>	<b>3</b>
<b>BOTANY</b>	<b>1</b>
<b>PHYSICS</b>	<b>1</b>
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#### 3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
<b>Local Population and Responsible Tourism</b>	<b>Dr. Vinod. C. Sugathan</b>	<b>Juni Khyat</b>	<b>2020</b>	<b>0</b>	<b>SN College Sivagiri Varkala</b>	<b>0</b>
<b>Palynolo</b>	<b>Biju C,</b>	<b>Journal</b>	<b>2020</b>	<b>0</b>	<b>SN</b>	<b>0</b>

gical studies in species of Ipomea Linn.	Praveendha r T	of Indian Botanical Society			College Sivagiri Varkala	
White light emitting stannate pyrochlore based single phase phosphor CaLa <sub>1-x</sub> SnNb <sub>07</sub> : x Dy <sup>3+</sup> for pc-WLED applications	Parvathi S. Babu, P. Prabhakar Rao, Sreena T.S.	Journal of Material Science Materials in Electronics	2019	0	SN College Sivagiri Varkala	0
Landscape as Mindscape in Anton Chekhovs Gooseberries	Anisha N.	Parishodh	2019	0	SN College Sivagiri Varkala	0
Impact of digitalisation on fiscal policy in india	Dr. Soju. S	Studies in Indian place names	2020	0	SN College Sivagiri Varkala	0
An Exploration into the quantum confinement of CTS/Natural dye core-shell quantum dots	Maya Mthew K.C. Preetha	Physica B Condensed Matter	2020	0	SN College Sivagiri Varkala	1
Mesoporous copper tin sulphide dots as photonode materials for efficient dye-sensitized solar cell	Maya Mthew K.C. Preetha	Optik Elsevier	2020	0	SN College Sivagiri Varkala	0

Effect of Pelargonidin on carrier recombination lifetime of CTS quantum dots	Maya Mthew K.C. Preetha	Optik Elsevier	2020	0	SN College Sivagiri Varkala	0
Opto-electric and thermal characteristics of Zirconium based nano structured compound prepared through co-precipitation	Chandroth Rakhi K.C. Preetha	AIP Conference Proceedings	2020	0	SN College Sivagiri Varkala	0
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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
Opto-electric and thermal characteristics of Zirconium based nano structured compound prepared through co-precipitation	Chandroth Rakhi K.C. Preetha	AIP Conference Proceedings	2020	75	0	SN College, Sivagiri, Varkala
Effect of Pelargonidin on carrier recombination lifetime of CTS quantum dots	Maya Mthew K.C. Preetha	Optik Elsevier	2020	66	0	SN College, Sivagiri, Varkala
Mesoporous copper tin	Maya Mthew K.C. Preetha	Optik Elsevier	2020	66	0	SN College, Sivagiri, Varkala



<p>sulphide dots as photonode materials for efficient dye-sensitized solar cell</p>						Varkala
<p>Perovskite titanates at the nanoscale: Tunable luminescence by energy transfer and enhanced emission with Li co-doping</p>	<p>Sajesh Sasidharan , G. Jyothi , S.Sameera , K.G.Gopchandran</p>	<p>Journal of Solid State Chemistry</p>	<p>2020</p>	<p>142</p>	<p>1</p>	<p>SN College Sivagiri Varkala</p>
<p>Enhanced secondary somatic embryogenesis in suspension culture of four diploid banana cultivars from Kerala</p>	<p>Smitha P D, Binoy K.R, and Ashalatha S Nair</p>	<p>International journal of fruit science</p>	<p>2020</p>	<p>18</p>	<p>1</p>	<p>SN College Sivagiri</p>
<p>Nanostructured zinc aluminates: A promising material for cool roof coating</p>	<p>S. Sameera, Viji Vidyardharan, Sajesh Sasidharan, K.G. Gopchandran</p>	<p>Journal of Science: Advanced Materials and Devices</p>	<p>2019</p>	<p>115</p>	<p>1</p>	<p>SN College Sivagiri Varkala</p>
<p>An Exploration into the quantum confinement of CTS/Natural dye core-shell quantum dots</p>	<p>Maya Mthew K.C. Preetha</p>	<p>Physical Condensed Matter</p>	<p>2020</p>	<p>113</p>	<p>1</p>	<p>SN College Sivagiri Varkala</p>

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	97	105	59	15
Presented papers	17	13	1	0
Resource persons	0	6	7	11
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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
ONAM-KIT DISTRIBUTION	NSS	7	100
FLOOD RELEIF PROGRAMME	NSS	4	121
FREE EYE TEST CAMP	NSS	10	100
BEACH CLEANING	NSS	5	126
REAPING FESTIVAL	NSS	5	149
NADEEL ULSAVAM	NSS	7	151
RAILWAY STATION AND HOSPITAL CLEANING	NSS	5	100
BLOOD DONATION CAMP	NSS	20	168
THODUVA CANAL CLEANING	NSS	3	42
VEGETABLE CULTIVATION	NSS	5	147
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#### 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS	Certificate of appreciation for best NSS Programme Officer	University of Kerala	52
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#### 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen	Name of the activity	Number of teachers	Number of students
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	cy/collaborating agency		participated in such activities	participated in such activities
Environment	NSS	Nakshatravanam	5	114
Swatch Bharath	NCC	Swatchatha Pakhwada	4	100
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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
MSc PHYSICS	MIDHUN M L	D B COLLEGE, SASTHANCOTTA	180
M.Sc Geology	ANJALI DILEEP	Department of Geology, University of Kerala	90
MSc Analytical Chemistry project	ADITHYA K	CSIR-NIIST Industrial Estate PO, Thiruvananthapuram, Kerala	90
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#### 3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industrial Visit	Industrial Visit	Ooty tea factory	15/11/2019	15/11/2019	Final year BSC chemistry students
Internship	Internship	School of Environmental Sciences MG University, Kottayam	13/07/2020	14/08/2020	ReshmaT Babu
Internship	Internship	School of Environmental Sciences MG University, Kottayam	13/07/2020	14/08/2020	Reshma Ravi
Internship	Internship	School of Environmental Sciences MG University, Kottayam	13/07/2020	14/08/2020	Ahalya Asok
National	Industrial	NIIST, Thi	28/02/2021	28/02/2021	S2 and S

Science Day Celebration	Visit	ruvananthapuram		for Msc analytical chemistry students
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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
Department of Archaeology, University of Kerala, Karyavattom campus, Thiruvananthapuram	30/06/2020	Webinar	188
CEPCI Laboratory and Research Institute, Kollam	27/07/2020	Training	15
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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
12	12

4.1.2 – Details of augmentation in infrastructure facilities during the year

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

KOHA	Fully	20.11	2019
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#### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	42249	4503459	415	145448	42664	4648907
Reference Books	2311	304090	7	7245	2318	311335
e-Books	30	21000	0	0	30	21000
Journals	30	51520	4	4950	34	56470
e-Journals	1100	5000	0	0	1100	5000
Digital Database	1100	5000	0	0	1100	5000
CD & Video	1	35000	0	0	1	35000
Others(s pecify)	0	0	1	20000	1	20000
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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
Sajesh Sasidharan	Electronics	Moodle	01/06/2020
Veenas C L	Spectroscopy	Moodle	01/06/2020
Jubilie.S.V	Informatics and Cyber Law	OER Commons	11/02/2020
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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	62	2	35	2	2	4	23	50	0
Added	40	0	0	0	0	0	0	150	0
Total	102	2	35	2	2	4	23	200	0

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

200 MBPS/ GBPS
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##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and
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	recording facility
Media Centre Recording Facility	<a href="http://www.snscivagirivarkala.com/Media_Centre%20E-content_Development.php">http://www.snscivagirivarkala.com/Media_Centre%20E-content_Development.php</a>

#### 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
2.37	1.31	2.06	1.06

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 has well-established machinery in place for the maintenance of campus infrastructure. The college management takes care of physical, academic and support facilities of the campus along with the joint effort of various monitoring committees like the College Council, PTA, RUSA, Alumni and RDC.

Proper maintenance of general facilities like Auditorium, Seminar Hall, Conference Hall, Smart rooms and classrooms, Laboratories, Students rest rooms, amenities and Computer labs are maintained and monitored by a Local Manager appointed by the college management. Electrical and plumbing works, maintenance of generators for ensuring an uninterrupted power supply, distribution of power to various blocks and power supply through solar power panels are provided as per requirements. Adequate infrastructural facilities are provided in all classrooms and its maintenance is done periodically. Cleaning of classrooms and laboratories, maintaining courtyard and garden are properly taken care by supporting staff appointed by the college PTA. A faculty member from the respective department is assigned the charge of Departmental level laboratories.

The Heads of the concerned departments monitor the functioning of the laboratories. The department council supervises the maintenance of labs from time to time. A lab attendant is posted for assisting teachers and students who makes proper arrangement of lab equipment for each practical session. Safety measures are ensured in labs by providing proper ventilation, masks, first aid kits and exhaust ducts. Computer labs are provided with adequate antivirus software and software updation is carried out at regular intervals. The college has a women's amenity centre covering an area of 50 square metres. Facilities are provided in the amenity centre for girls to take rest and fresh up during break time. The amenity room ensures cleanliness and privacy to the female students. A lady teacher is entrusted with the task of supervision of the amenity centre in order to ensure discipline. Students are strictly advised to keep the centre neat and tidy. The library has a proper maintenance mechanism. The library staff ensures a good reading environment for students and teachers. Proper training is given to the staff at the commencement of the academic year to handle the library documents on processing, arranging and conveyance.

Library software is regularly updated in line with the academic needs and syllabus requirements. The Librarian will monitor the routine activities of the library system. The Library Committee with the Principal as Chairman, Librarian as Secretary, and five nominated faculty members function to safeguard the interests of all sections of library users and also ensure the smooth functioning of the library. The Department of Physical education take necessary steps for the proper maintenance of the sports facilities available in the college. Sports club members including teachers and students of the college take care of the sports equipment, playgrounds and game courts. The team is led by the Head of the Department of Physical Education and supporting staff. The

civil works of the courts are annually done with the help of college management and PTA.

<http://www.snscivagirivarkala.com/policy.php>

## 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	Various scholarships provided by the institution	55	119700
Financial Support from Other Sources			
a) National	Various scholarships provided by the Government	962	3306035
b) International	Nil	0	0

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#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
ICT/Computing Skills	Nil	43	Mathematics Club, S.N.College,Varkala
Physical fitness training	Nil	146	Physical Education Department, S.N College, Sivagiri, Varkala
Yoga Meditation	Nil	160	NCC, S.N College, Sivagiri, Varkala
WWS	Nil	90	Higher Education council, Government of Kerala
ASAP	Nil	33	Higher education council, Government of Kerala
Health and Hygiene	Nil	49	Health Education Club, S.N College, Sivagiri, Varkala
Remedial Coaching	Nil	505	Various Department, S.N.College, Varkala

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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
2019	Career Counselling Cell	Nil	114	Nil	Nil
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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
2	2	16

## 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
<b>No Data Entered/Not Applicable !!!</b>					
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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
2019	99	S.N College Sivagiri Varkala	Various departments	various institutions	Various programmes
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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	6
Any Other	5
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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
Food Fest Rasam	College level	44
A talk on theatre in 360 degree by club	College Level	47
Chathayam Day	College level	10



Onam Celebration Tug of war competition	College Level	21
Kerala Piravi Celebration	College level	14
Sankar`s day or Founder`s day	College level	9
Union Arts club inauguration	College level	21
Christmas Celebration	College level	32
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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
<b>No Data Entered/Not Applicable !!!</b>						
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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)

Every year college union is formed through the conduct of a democratic form of election following the basic principles of parliamentary democracy. At first a student council consisting of two elected members from each class is formed. The office Bearers for the union are elected from among the student council members. The college union consists of a Chairman, a Vice Chairperson, an Arts Club Secretary, a Magazine Editor, two University Union Councillors and two Lady Representatives. Activities of Students' union in the campus are carried out with the valuable aid of Staff Advisors who monitor it. During the academic year 2019-20, the inauguration of the union was conducted in the month of November. The college celebrated Christmas with much joy and charm by organising various cultural programmes. The Literary Competitions in connection with College Arts Day was conducted in the month of January 2020, while the 'On stage' competitions were held by the name "SARGODHAYAM", under the initiative of students' union. The entire college whole heartedly participated in all the competitions. A food fest "RASAM 2020" was conducted by all the departments in the month of February with the joint efforts of the union members. Distribution of food packets for the needy was conducted and was distributed to the bedridden and needy patients in the nearby hospital in Varkala. Apart from the union activities, active student involvement was ensured during the year in the activities of various clubs, NSS and NCC unit. Student representation is ensured in the academic and administrative bodies of the college, wherever required. The College Union Chairperson is a member of the IQAC and is actively involved in its initiatives. Anti-Ragging Cell consists of one student representative who is selected from among the final year UG or PG students who has thorough understanding of UGC anti-ragging regulations. The representatives of Anti-Ragging Cell take decisions on issues related to ragging and related issues. RUSA (Rashtriya Uchchar Shiksha Abhiyan) is a central government funding agency which aims at the holistic development of the higher education system. A student representative of the college union is part of the RUSA committee along with other administrative members. Internal Complaints Committee (ICC) consists of three student representatives, selected from among the final year UG or PG students. The members of ICC along with these student

members take decisions whenever a need arises. Grievance Redressal Cell consists of a student representative selected from among the final year PG or UG students. The members of the cell along with the student member look into the complaints lodged by any student of the college and judge its merit.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

40

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

127230

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Association of Sree Narayana College, which is named as Former Students Association (FSA) is committed to foster an everlasting relationship with its Alma mater. It plays a vital role in raising the profile of the college. • The alumni association convenes its Annual Meet on August 15th every year. The meeting brings together the alumni of different batches back to the college, where they reconnect with each other and with their Alma mater. During the occasion, former teachers are honoured and the experiences and success of alumni are shared with them. Get-togethers and meetings are held by different departments on the day. • The alumni association finds the meet as an opportunity to mobilise and contribute financial as well as non-financial resources to support its alma mater. • The Alumni Association has been closely associated with the much-appreciated project of the institution 'Sahapadikku Oru Veedu', which aims at constructing houses to deserving students who lack proper shelter. • The Association has different Chapters in UAE as well. Contributions of Alumni • The alumni members of PG Department of Physics have contributed a smart class room for the final year batch. • PG Department of Chemistry have contributed an ICT enabled class room for the final year batch. • During the last five years, the alumni members of Department of Malayalam have renovated the Staff room as well as the class rooms in the department. • The Department alumni members of Geology have contributed an amount of Rs.31,700 for its rock garden. An audio system has been contributed by an alumnus of the Department. • The Department alumni members of Chemistry, Physics, Botany, Zoology Geology have contributed multi -functional printers to the respective departments. • The Alumni Association has instituted Merit Award and Endowment for the Rank holders and toppers of the Final year University Exam in all the Departments. The students are honoured in the Annual Meet of the Alumni Association. • On an average Rs. 40,000 was awarded to students each year. • The alumni members of different departments have instituted endowments for meritorious and financially weaker students. • Mid-Day Meal Program is an initiative implemented by Alumni Association of the college for many years. It aims at providing mid-day meal to students who cannot afford it. It is a promising commitment to accomplish the objective of the institution "Hunger free Campus". • Twenty-eight trees were planted in the college premise as part of creating a Star Forest in the campus. The function was inaugurated by S. N. Trust executive member Aji S. R. M. The N. S. S. unit took up the charge of taking care of the planted trees • In the event of the untimely demise of Sri Libu, former student and representative of the UAE chapter, the association extended financial and mental support to his family.

## 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 institution has a practice for delegating authority and ensuring involvement of all its stakeholders. The decentralization and participatory management from top-down is in accordance with the vision and mission of the college. The Principal, the Heads of Department, faculty, non-teaching staff, management, students, parents and alumni involve at different levels of decision making, planning, administration and office management. Thus the college functions in a well-defined structure with different bodies and committees to work towards a decentralized governance system. One of the practices of decentralization and participative management adopted during the academic year is the beautification of the college campus. As part of the last year action plan of the college, it was decided to widen the garden and landscaping of the campus to create an impressive appeal to the face of the college. Thus introduced a variety of artistic and landscaping features into the blueprint. The plan outlined by the principal, faculty members and RDC emphasized the visual appeal of the college and was made fruitful in the current academic year. The beautification program includes garden landscaping, rock garden for the Geology department, lotus ponds, constructing benches under the shades of trees for students to retreat, and planting native trees along with outdoor garden plants. There is also a separate pedestrian path to laze around amidst the garden. Each department has their own space for gardening in front of the college. Thus students and faculty members of each department take care of their respective garden area. One supporting staff has been assigned to take care of the garden. The funding for the beautification of the campus is provided by the RDC, PTA, faculty and alumni. The outcome of the program is the aesthetically pleasing environment around the campus. Another instance of participative management is the five day TRENDZ seminar series organized during the period. It is an annual multi-disciplinary seminar series conducted to enrich the knowledge learning capacities of students of all disciplines. The five PG departments and the ten UG departments of the college conduct lectures in their respective areas. Following the principles of Sree Narayana Guru, the series intends youth empowerment through knowledge. The focal theme of TRENDZ 2019 was "Science and Culture for Sustainable Future" and the program was inaugurated by Dr G.Gopakumar, Vice chancellor, Central University of Kasargod. The seminar is organized jointly by the principal, staff, students and PTA. The departments decide the subject of the seminars in their department level meetings which is immediately communicated to principal and IQAC. The resource persons are mainly subject experts from national and international institutions. The principal and staff encourage students in paper presentation as well. The reports of the seminars were sent to management and the management authorities regularly undertake the review of the functioning of the college. The college thus strive to achieve its academic excellence through these kind of participatory management and such plans are implemented by strictly following the academic calendar.

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

Partial

### 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
Examination and Evaluation	Class tests and internal examination

	<p>are mandatorily conducted by all the departments in all semesters. An examination committee is constituted for the smooth conduct of internal examinations. Model examinations are conducted as per the norms of University. The results are published on a timely basis and are informed to the parents. Remedial classes and special classes are provided to students in need.</p>
<p>Curriculum Development</p>	<p>The institution follows the curriculum designed by University of Kerala. Several members of the faculty serve as members in Board of Studies of the University in various subjects. Such members of faculty play an instrumental role in communicating the suggestions and recommendations of the institution, regarding curriculum to the Board of studies. The institution prepares its own academic calendar at the beginning of the academic year and curriculum is implanted in accordance with it. Students are also encouraged to participate in NCC,NSS, Sports and Arts activities. Career oriented programme in Hotel Management and Catering is a distinctive course offered by the Department of Commerce.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>INFRARED is one of the successfully implemented Strategic goals envisaged for the rejuvenation and construction of infrastructure for sustainable development which has facilitated excellent academic ecosystem for higher learning in our college. Specific goals include the following: - ? Revamping of laboratories - Floor Tiling of III and II DC Zoology lab, Botany Lab, III DC Geology lab, Physics lab, Chemistry lab, Geology museum ? Modernization of Lab(Restaurant) for BCom. Hotel management, electric works in all laboratories ICT facilities, Advanced analytical research facilities to science labs ? Modernization of seminar hall ? Modernization of conference hall ? Modernization of library ? New toilets with modern amenities ? Beautification of college campus ? Construction of Gurukshethram ? Installation of filtration Units ? Renovation of Boys Dining Room ? Rejuvenation of classrooms ? Construction of Ramp for differently abled students ? Roofing and</p>

Maintenance of Physics Block ? Sports facilities- Construction of new Boxing Ring

Teaching and Learning

ICT enabled classrooms improve the efficacy of classroom teaching. Purchase of smart boards, purchase of new computers, printers as part of ICT usage have facilitated positive outcomes. Student participation in seminars and use of power point presentation is encouraged. Personalized attention to students is ensured during practical classes. Class tutors monitor and publish the monthly attendance of students in the department notice board and ensures transparency. Academic auditing is conducted by the IQAC and result analysis is conducted periodically.

Admission of Students

The centralized allotment process followed by Kerala University is employed for conduct of admission to all courses in the institution. The online applications are received and admissions are done on a merit basis after an interview. An Admission committee consisting of experienced members of faculty supervises and evaluates the process at the beginning of each academic year. The official website, social network, parents, alumni and newspapers are widely used to spread publicity regarding fresh admissions. Unique courses such as Geology and career related courses such as Hotel Management bring in students from all over Kerala.

Research and Development

The college has a research committee to scrutinize the research progress of faculty and students. The research committee along with the department faculty ensures mock viva voce examination in all departments to prepare the students ahead of their project defense. On an annual basis, TRENDZ multi-disciplinary seminar series is conducted by pooling the expertise of resource persons from various fields. This initiative lends immense opportunities to students set to pursue higher studies in their subject area.

Industry Interaction / Collaboration

The Departments of Physics, Botany, Chemistry, Commerce and Geology collaborate with various reputed industries

Human Resource Management	<p>Wisdom 2025 was initiated with a goal to motivate all the faculty members to obtain research degree and subsequently guideship. The teachers are encouraged to participate in Refresher and Orientation programmes for self improvement. Workshops and seminars were organized on IPR, Research ethics and Research methodology to inculcate research skills among teachers, researchers and students. Value based education was ensured in the campus through the presence of the holy shrine of Sree Narayana Guru. The Guru Kshesthram adds to the aesthetic and moral compass of the institution. Our college provides grievance redressal, counselling, mentoring and an effective and functional tutorial system to enhance the quality of life of the students. NSS, NCC and various club activities play a significant role in improving human capital.</p>
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6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	MIS, SAHF software technology, SRA 29 Kazhakuttom, Thiruvananthapuram 695585
Finance and Accounts	<p>(1) Spark (Service and Payroll Administrative Repository for Kerala(Govt. of Kerala, Kerala State IT Mission, e-Government Procurement PMU and Helpdesk, Pension Treasury Building, Uppalam Road, Statue, Thiruvananthapuram, Phone 0471-2577088)</p> <p>(2) BiMS (Bill information Management System)(Govt. of Kerala, Kerala State IT Mission, e-Government Procurement PMU and Helpdesk, Pension Treasury Building, Uppalam Road, Statue, Tvm, phone: 0471-2328471 , (3) PFMS (Public Financial Management System), National Informatics Centre, Govt. of India),</p> <p>(4) GOVERNMENT AIDED INSTITUTIONS PF SYSTEM-GAIN PF, Finance Department, Govt of Kerala (5) Viswas Insurance Portal (Kerala State Insurance Department, Trans Tower, Vazhuthacaud, Thiruvananthapuram - 695014, Phone: 0471-2330096)</p>
Student Admission and Support	<p>(1) Kerala University Admissions Portal (Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695034, Phone: 0471 230 5994), (2) e-Grantz Scholarship Portal (SC/ST Development Fisheries Department, Govt. of Kerala),</p>

	(3) DCE Scholarship portal (Directorate of Collegiate Education, Vikas Bhavan, Palayam, Thiruvananthapuram, Kerala 695033, Phone: 0471-2305547) (4) National Scholarship Portal, Ministry of Electronics and Information Technology, Government of India (5) Snehapoorvam Scholarship, Kerala Social Security mission, Gov. of Kerala (6) Digital Library (institutional) Repository, OPENSIO software solutions, Melattur road, Malappuram 676521 (7) Koha, Central Library, S.N College, Sivagiri, Varkala, Texicon software solutions, Areekulam road, Malappuram Dist., Kerala- 676317
Examination	Kerala University Examination Portal, University of Kerala, Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695034 Phone: 0471 230 5994
Planning and Development	MIS, SAHF software technology, SRA 29 Kazhakuttom, Thiruvananthapuram 695585

### 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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)
2019	Seminar on IPR- Copy right	Seminar on IPR- Copy right	19/12/2019	19/12/2020	56	15
2020	National webinar on overview of IPR	National webinar on overview of IPR	09/10/2020	09/10/2020	56	15
<a href="#">View File</a>						

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	Number of teachers	From Date	To date	Duration
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professional development programme	who attended			
Short term Course	1	19/02/2020	25/02/2020	7
Refresher course in Environmental Sciences	1	11/01/2020	24/01/2020	14
Orientation Programme	5	03/01/2020	23/01/2020	21
REFRESHER COURSE	1	07/12/2019	20/12/2019	14
Refresher course	1	01/11/2019	14/11/2019	14
Short term course in MOOCS, Econtent Development and Open educational resources	1	25/09/2019	01/10/2019	7
SHORT TERM COURSE	1	29/08/2019	04/09/2019	7
NSS ORIENTATION PROGRAMME	1	21/08/2019	27/08/2019	7
Refresher course	2	11/07/2019	24/07/2019	14
Refresher course-Summer school	1	09/07/2019	22/07/2019	14
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
7	7	5	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
5	5	5

**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 has a transparent and systematic financial management machinery and conducts strict external and internal audits for both Government and Non-Government funds. As a Government aided college, all financial bills/accounts of the college are audited. On behalf of the Principal, the Head Accountant keeps account of Government funds. Statutory audit includes the auditing of all the Government funds together with PTA, FSA (Alumni association). THE EXTERNAL



**AUDIT** The external audit is done at various tiers. It is performed mainly in four ways. I) Deputy Directorate of Collegiate Education, Kollam, Government of Kerala The Regional Deputy Director is authorized to audit the collected and received funds of the institution from the Government. The Utilization/Non-Utilization details of such amount, its registers/accounts and so forth are audited every year. They scrutinize and verify Cash Book, acquittance, e-Grantz Account, Caution Deposit and Fee receipt, PD register, grants received from UGC for Minor Research Projects, Seminars, IQAC and other funds like DBT star, RUSA etc. II) Directorate of Collegiate Education, Government of Kerala The funds and grants in aids from the state Government are assessed. Utilization/Non-Utilization information of such amounts, its registers/accounts and so on are audited. These include an audit of Cash books, bill books, fee receipts, Concession fees, non-plan contingent bills, Plan contingent bill, stock register, bills of lab chemicals, library books, etc. Non- Plan expenditure, Study tours, Scholarship, Challans and receipts, PD accounts, fund for Sports, Passbooks, RUSA passbook, DBT Star passbook, student union funds, salary of guest lecturers and remuneration Registers, Annual stock register, Demand Collection Balance Statement, Service books, Stock verification. III) Accountant General Audit Periodical Audit is conducted by the Accountant General to verify the utilization of funds acquired from the Central and state governments which include grants from UGC, RUSA, KSCSTE, KSHEC and different Government organizations. The audit of the Accountant General entails: State Government non-plan funds and their utilization, PD accounts, Stock registers, Retention of cash balance, Timely completion of PhD (FDP), Recovery of pay and allowances, Maintenance of DCB statement , IV) Chartered Accountants for UGC Funds and other funds: I)The college conducts external financial audit for all of the grants acquired from UGC. The grants for Minor Research Projects, Seminars, workshops, IQAC, etc. II)DBT Star scheme: An external audit will be carried out for the STAR College of DBT under the Govt.Of India. III)PTA and Alumni associations: Audits done by external Chartered accountants and reports are published so that stakeholder can scrutinize and thereby make sure accountability. The annual statements of accounts are placed before the Executive committee and the General Body of PTA and Alumni associations.

**INTERNAL AUDIT** Internal Audit is done by members of the committee appointed by the Principal. Stock verification of all the assets of each department is verified at the end of every financial year.

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
Management, PTA and Alumni	4426715	General Development
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

4426715
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## 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	BRACs, Thiruvananthauram	Yes	IQAC
Administrative	Yes	BRACs, Thiruv	Yes	IQAC

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

? Strategic Plan 2016-25 (PTA Scholarship) ? Sports and Games ? Renovation of Laboratories, Computer Lab, Library and Office. ? Updating and repair of CCTV cameras ? Trendz seminar/ lecture series ? Boys Dining Room ? Provision of Drinking water facility, installation of solar panels, fire extinguishers ? Salaries of Guest teaching faculty and Non-Teaching staff ? Smooth conduct and financing of Club activities ? Smooth conduct of College Union Activities ? NAAC related works ? Creation of College official website.

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

Orientation programme : SPARK Orientation Programme: UG/PG admission ICT training.

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

1. Infrastructure Renovation using RUSA fund.
2. Supported by DBT STAR scheme
3. Renovation of Smart class rooms by PTA
4. Beautification of College Campus
5. Started Skill Development courses
6. Started an Innovative Post Graduate Programme in Commerce, M.Com(International Trade)

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
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
2020	Academic and Administrative Audit for 5 Years	30/12/2020	Nil	Nil	Nil
2019	Know your College	13/09/2019	Nil	Nil	600
2019	Library Orientation	19/09/2019	Nil	Nil	600
2019	Quality Improvement in colleges -Various dimensions, Dr. Gabriel Simon Thattil Fundin agencies for higher education, Dr. R Raveendran	06/12/2019	Nil	Nil	52
2020	Dealing	29/05/2020	Nil	Nil	320

	with exams: Psychological assistance during the time of corona, Dr. Sonia George, Assistant Professor, Gov College for Women, Thiruvananthapuram				
2020	Trendz Seminar series	10/02/2020	10/02/2020	14/02/2020	500
2020	ICT teaching learning orientation by prominent team	18/12/2020	Nil	Nil	45

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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
Health survey	21/12/2019	21/12/2019	61	39
Socio-Economic survey	21/12/2019	21/12/2019	61	39
Personality development class	22/12/2019	22/12/2019	61	39
Reaping festival	12/12/2019	12/12/2019	81	62
Free eye test and Cataract registration camp	22/12/2019	22/12/2019	61	39
Antidrug awareness magic show	23/12/2019	23/12/2019	61	39
Traffic awareness class	12/01/2020	12/01/2020	386	261
Vegetable cultivation	07/01/2020	07/01/2020	91	56

Antidrug awareness drama	23/01/2020	23/01/2020	392	197
Legal awareness class- The Rights of Women	05/03/2020	05/03/2020	77	39
Soft skill training for girl students	05/03/2020	05/03/2020	118	4
Workshop on Resume writing	06/03/2020	06/03/2020	58	46
Workshop on Interview Skills	06/03/2020	06/03/2020	58	46
Self defence class for girls	08/03/2020	08/03/2020	128	0
Environment day celebrations	05/06/2019	05/06/2019	88	63
Yoga day celebrations	21/06/2019	21/06/2019	61	43
Nakshatravanam Plantation	03/07/2019	03/07/2019	69	45
Flood Relief Programme	28/08/2019	28/08/2019	65	56
Sowing Festival	30/08/2019	30/08/2019	86	65
Blood Donation Camp	19/09/2019	19/09/2019	102	66
Beach Cleaning	21/09/2019	21/09/2019	71	59
Blind School visit	08/10/2019	08/10/2019	77	69
Making of wall hangings and bottle art	15/11/2019	15/11/2019	34	4
Orientation for women members of Kudumbasree	22/11/2019	22/11/2019	42	14
Workshop on Doll making from waste cloth	06/12/2019	06/12/2019	36	5
AIDS awareness class	02/12/2019	02/12/2019	93	41

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

Percentage of power requirement of the University met by the renewable energy sources

• The college aims at promoting green energy and energy conservation and as such the management installed solar panels with 4.7 kwh/day capacity. • CFL and incandescent bulbs were replaced with LED as part of energy conservation. For providing water to thirsty birds and other living organisms introduced a program called "Thanneerkudam" during summer period • Environment day was observed by planting saplings. • For understanding the importance of trees Nakshtravanam plantation was done. • For conserving trees in the campus, various measures such as fencing, timely pruning and manuring have been adopted. • For promoting agriculture reaping and sowing festivals are conducted • A programme of E-waste collected and handed management were organized • College examination committee replaced plastic bags with cloth bags . • One day beach cleaning was conducted as part of International Coastal Clean-up Day-2019. • Observed the National Energy Conservation Day by conducting an Energy Conservation Awareness Rally.

#### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Ramp/Rails	Yes	10
Braille Software/facilities	Yes	2
Rest Rooms	Yes	26
Scribes for examination	Yes	26
Any other similar facility	Yes	1

#### 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
2019	1	1	13/09/2019	1	Sree Narayana Guru Jayanthi	Local festival	249
2019	1	1	20/09/2019	1	Onam kit distribution	Charity	100
2019	1	1	08/10/2019	1	Blind school visit	Give entertainment to blind students	146
2019	1	1	03/12/2019	1	Tuition to educationally backward people in the 10th	Tried to impart formal education	6

					ward of Kanwasrama		
2019	1	1	12/12/2019	1	Industrial visit to Milco Diary unit	Interaction with the unit	28
2019	1	1	22/12/2019	1	Free eye test and cataract registration camp	Community service	100
2019	1	1	31/12/2019	1	Antiplastic campaign	For maintaining green protocol	100
2020	1	1	01/01/2020	1	Sivagiri pilgrimage	Local festival	151
2020	1	1	29/01/2020	1	Toy distribution	For kids in Anganawadi	124
2019	1	1	28/08/2019	1	Flood relief programme	Community service	121
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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)
College Calender	25/07/2019	The college calendar is circulated among students and staff members in the beginning of an academic year. The calendar serves as an official guide with details regarding various courses, admission procedures, syllabus, exams, the code of conduct and discipline in the college and the details of faculty members and non teaching staff as well. The calendar keeps reminded of key dates throughout the year and also helps the students, parents and staff to know the about the various clubs and activities in our college. It can also be

useful for prospective students, alumni and parents as well.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Flood relief programme	28/08/2019	28/08/2019	121
Onam kit distribution	20/09/2019	20/09/2019	100
Beach cleaning	21/09/2019	21/09/2019	126
Blind school visit	08/10/2019	08/10/2019	146
Orientation for women members of Kudumbasree	22/11/2019	22/11/2019	56
AIDS awareness class	02/12/2019	02/12/2019	134
Human Rights day Celebrations	10/12/2019	10/12/2019	132
Socio-economic survey	21/12/2019	21/12/2019	100
Yoga day celebrations	21/06/2019	21/06/2019	104
Free eye test and cataract registration camp	22/12/2019	22/12/2019	100
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Clean campus drive and plastic free campaign • The institution has quit disseminating plastic documents during its workshops and seminars, just as institution doesnt acknowledge ventures in plastic files • College examination committee replaced plastic bags with cloth bags used for examination purposes • Canteen has quit utilizing plastic cups • Celebrates World Environment Day, World Soil Day, World Wetlands Day, International Day of Biodiversity to urge awareness among students to protect environment and animals. Saplings are given to students and public during environmental day celebrations. • Rain water harvesting • Through Organic Farming, the college produces vegetables. Students use organic manures and fertilizers in the farming • Establishment of biogas plant • Setting Up of waste disposal System • Proper waste water Management • Pad incinerator in girls' rest room •Beach cleaning programme•Canal cleaning.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

1. Trendz seminar series - The geographical advantage of our college is that it lies in close proximity with the Sivagiri Mutt. The pilgrimage to Sivagiri Mutt according to Guru should be an avenue to attain various vistas of knowledge. A comprehensive talk on eight different disciplines namely education, cleanliness, devotion, organisation, agriculture, trade, handicraft and technical training have been suggested by the Guru during the pilgrimage. Following the same principle the college organises the TRENDZ seminar series as

a platform to disseminate knowledge and to empower the youth. The series is also intended to commemorate the founder Manager Sri R Sankar, who spearheaded the establishment of SN colleges in Kerala which paved the way for higher learning opportunities for the backward communities. The contextual features of the seminar series include multi-disciplinary lectures on novel areas and widening the level of learning experience beyond the syllabus. The seminar series instigates the students to inculcate interest in their respective disciplines. The TRENDZ seminar series empower the learning community with expertise and engage, inspire and inform the students with new trends in learning. The major areas of presentation in 2020 TRENDZ series were the Dying Planet: Does Science Save Earth?, Bio Diversity Awareness, Experimental Approach to Poverty Alleviation - The 2019 Nobel Laureates, Smarthavicharam, Pep Talk on Entrepreneurship, Field Techniques in Geology, Making Sense with Sound, Periodic Table and Story of Elements, Chinthavishtayaya Sita- First Feminist work, Sets and Partitions. The seminar provides opportunities for students to present papers. Some of the outstanding papers presented by students from the Department of Malayalam are "A Psychological Study of Chinthavishtayaya Sita", "Revolutionary thoughts in Chandalabhikshuki", "Philosophical Thoughts in "Veenapoovu"". The papers from Economics are "Major Problems of Indian Economy", "GST in Indian: an Overview". The main papers from Zoology Department are "Biodiversity Conservation and Its Importance", "Climate Change" and "Ban of Plastic. The students from the Department of Botany presented papers namely, "Global Warming", "Modern techniques in Farming" and "Tropical fruits of kerala". The papers from The Department of Geology are "Concept of Petroleum", "Ground Water Provinces" and "Physiographic Divisions of India". The title of the papers from the Department of History are "Sangam Age and Tinai Concept", "Aikya Kerala Movement" and "The Role of Sree Narayana Guru in Kerala Renaissance". The papers from the PG Department of Commerce include "Application Management Principles in Daily Life", "IT solutions for Students Learning", "Innovation and Technological Entrepreneurship". The papers from the PG Department of Physics are "Super Conductivity", "Nuclear Reactors" and "Electromagnetic Induction". The uniqueness of this best practice is that the seminar is organized by abiding the principals of Sree Narayana Guru, the students are given an exposure to avail the new realms of knowledge, it promotes multi disciplinary outlook in learning and research blurs the traditional notion of learning and creates wider possibilities to melt the canonical boundaries. The seminar is free and open to everyone. The constraints and limitations of this best practice are that firstly there is a lack of financial assistance, secondly there is a time constraints due to busy schedule of the CBCSS system and thirdly there is limited number of outside participants due to inadequate transportation.

2. Organic Farming - "Agriculture is the backbone of living beings ...oh...no, the lifeline of humanity, therefore promotes agriculture"- following this doctrine of Sree Narayana Guru, the college inducted organic farming in the campus. At the dawn of twenty first century we mostly depend on inorganic food products which are genetically modified and poisonous posing severe health hazard to human community. The time demands a going back to the traditional organic farming. Thus the college took initiative to practice organic farming of multiple crops and vegetables in the campus. The institution cultivated multiple crops and thus harvested peas, fenugreeks, spinach, ladies finger, bitter gourd, green chillies, pumpkin, potatoes and brinjals. Gradually we spread it outside the campus and adopted a village to extend the farming. Agriculture is the backbone of Indian economy since ancient times as majority of the Indians depends on agriculture for their livelihood.

Rice is the staple food of the people of Kerala and traditionally the cultivation of rice has occupied pride of place in the agrarian economy of the state. The lush green of paddy fields is one of the most captivating features of Kerala's landscape. Thus the students successfully harvested the "Koithulsavam" of paddy in three acres of land in Palachira. As part of



Environmental day celebrations, the college takes initiatives to distribute saplings in the neighbourhood areas and to plant saplings in the campus. The college maintains a "Nakshatravanam", a collection of 27 plants which represents twenty seven celestial stars. Some of them are fruit bearing trees. These trees provide shelter and food for a variety of birds. The greenery of these trees adds beauty to the campus. Organic farming of vegetables is practiced in the campus. A wide variety of vegetables is cultivated jointly by students and staff members. During the year 2019-20, paddy cultivation was done in 3.5 acres of rice field in Palachira. The programme was inaugurated by the Principal on 30th August 2019. The reaping festival (Koithulsavam) was celebrated on 12th December 2019. Agricultural officer Smt. Neeraja also attended the ceremony along with the students and faculty members. 430 kg of paddy was collected and the fund raised by the sale of the rice was utilized for Snehasanthwanam, a charity initiative of the NSS unit. During the year the organic vegetable cultivation was started on 5th October 2019. The NSS volunteers were assigned charge to take care of the plants. The fund raised from the sale of the harvest was used for social service. The uniqueness of this practice is that vegetables as well as paddy was cultivated as part of multiple farming. Planting mangrove protects the coastal shore from natural disasters and global warming. The harvest from paddy fields are distributed for the needy. The funds raised from the sale of vegetables, plantains and rice are given to Snehasanthwanam, a charity initiative of NSS. The constraints and limitations of this best practice are Time constraints due to the semesterization of the academic programmes and Lack of fund from governmental and non governmental agency.

3. Alumni Contribution 19-20- The Alumni Association of the college plays a vital role in raising the profile of the college. The illustrious alumni of the college, spread across the world, include many well-known personalities who have contributed much to their concerned areas. The Association has different Chapters in UAE as well. The alumni association finds the meet as an opportunity to mobilise and contribute financial as well as non-financial resources to support its alma mater. The department level alumni associations have contributed to the infrastructure development of the college. During the academic year 2019-20, the alumni members of PG Department of Physics have contributed a smart class room for the final year batch, PG Department of Chemistry have contributed an ICT enabled class room for the final year batch. During the last five years, the alumni members of Department of Malayalam have renovated the Staff room as well as the class rooms in the department. The Department alumni members of Geology have contributed an amount of Rs.31,700 for its rock garden. An audio system has been contributed by an alumnus of the Department. The Department alumni members of Chemistry, Physics, Botany, Zoology Geology have contributed multi-functional printers to the respective departments. The Alumni Association has instituted Merit Award and Endowment for the Rank holders and toppers of the Final year University Exam in all the Departments. The students are honoured in the Annual Meet of the Alumni Association. On an average Rs. 40,000 was awarded to students each year. The alumni members of different departments have instituted endowments for meritorious and financially weaker students.

4. Green Campus Initiatives:- As part of Eco friendly activities, the campus is declared as plastic free. Green auditing of the campus is done by an external agency. The Green Audit report includes water quality assessment, rain water harvesting, water management, energy audit, use of solar panel, use of LED lights, waste management, transportation and carbon footprints. The college was awarded the Best Haritha Campus with A Grade by Kerala Haritha Mission which is under Govt of Kerala Mid-day meal programme- The aim of this practice is to provide free noon meal to those students from poor family background. It is an initiative of the Alumni of the college. The aim is to develop the sharing and caring of students among each other. It helps to achieve one of the main objectives of the college to make a "Hunger Free Campus".

5. Research Essence- The college publishes a

research journal with ISSN number 2348-2389 6. Provision for clean drinking water- The college has ample facilities in each floor to render drinking water facility to students. 6. Blood donation camp-The College organizes blood donation camp every year in association with NSS and NCC. 7. During Sivagiri pilgrimage, college premises is used as pilgrim facility centre.

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

<http://www.snscivagirivarkala.com/document/Best%20Practices.pdf>

### 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 uniqueness of the college is its close proximity with the world renowned spiritual centers Sivagiri Mutt and Sree Narayana Gurukulam. The vision of the college "Liberation through Education" is one of the doctrines of Guru which can be easily made fruitful with its close acquaintance with the spiritual centers. The advantage of the close proximity with the spiritual centres helps students to access the East West Library of the Mutt founded by Sri Nataraja Guru. The students attend spiritual classes as well as classes for learning musical instruments, dance and music at Gurukulam. The faculty members and students are regular visitors of Gurukulam and Samadhi. The college provides accommodation for the Sivagiri pilgrims who travel from a long distance on bare foot to visit the Mutt. The students and faculty members volunteer during the ten day pilgrimage in december every year. The students of the college are encouraged for Community Feast to breed a culture of secularism and social connectiveness. The procession from Sivagiri Mutt as part of the Samadhi day of Sree Narayana Guru is welcomed by the institution with honour and prayers. The college also participates in the procession by arranging a float parade on behalf of the institution. This initiative of the college welcomes all the religious and non religious community and thus aims at spreading tolerance and love in the society. The college also takes effort to distribute food and provisions to the deprived communities in the neighborhood on the Samadhi day. The college disseminates the doctrines of Sree Narayana Guru among students and faculty through various practices. Seminars and talks on Sree Narayana Philosophy are organized by the saints from both Mutt and Gurukulam. The geographical propinquity with Mutt and Gurukulam is another reason for the inception of the six months Zero Credit Course on Sree Narayana Philosophy in the college. The classes would be taken by the saints from Gurukulam and the Mutt. The course is free for all students who would like to go deep into Guru's doctrines. The faculty members of the college help in disseminating the teachings of Guru around the globe. The college has a Sree Narayana Study Centre to propagate Guru's philosophies and teaching among students. The centre organizes seminars and talks on Guru. Though the college is surrounded with the holy places like Gurukulam and the Mutt, the spiritual emanation can be felt at the entrance of the campus itself. The Guru Mandhiram at the entrance radiates positive aura all over the campus. Moreover the walls of the campus are illustrated with the wordings of Guru. Thus the college strives to follow the principles of Guru in all its possible ways. A separate reading corner on Guru's philosophy is maintained in the college library. The community service activities of the college shape our students into responsible citizens as preached by Sree Narayana Guru which is the distinctiveness the college could boast of above all the best practices we follow.

Provide the weblink of the institution

<http://www.snscivagirivarkala.com/document/Institutional%20Distinctiveness.pdf>

## 8.Future Plans of Actions for Next Academic Year

The college has well thought-out plans to expand itself in the future as so to be in tune with the recent trends and developments of the time. The IQAC has recommended to upgrade all under-graduate departments to post graduate departments and PG departments to research departments. It is also planned to launch more number of valued added and skill development programmes to enhance the employability of students. IQAC has submitted a proposal to Department of Science and Technology, Government of India to get Fund for Improvement of Science Technology Infrastructure (FIST). Proposal has been submitted to Centre for Continuing Education, Kerala (CCEK) for sanctioning two Vocational and Industry institute Linkage training programme viz, Professional Diploma in financial Accounting and Certificate Course in Desktop Publishing. The institution aims to provide affordable, effective and updated mode of technology in all classrooms in future. The Faculty members will be given full fledged training to use innovative teaching and learning resources like Learning Management System (LMS) and Mangement Information System (MIS). Adequate modifications in teaching, learning and evaluation will be done based on student, parent and alumni feedback. Strengthening of remedial class will be done based on result analysis. A friendly, efficient and flawless administrative and support service will be ensured. The institution will make continuous efforts to obtain research grants from different funding agencies and to organise seminars, conferences and workshops on current research areas at regional, national and international levels. Research culture which focuses on social utility will be promoted among teachers and students. Innovative community outreach programmes organised by different departments will continue in future with involvement of students. All departments will be encouraged to start consultancy services. The college plans to augment existing class room facilities with Interactive smart boards. Construction of third floor in the main building is sanctioned by the management and is expected to complete by September 2021. Supply of electricity power with separate panels in every floor coupled with generator facility is aimed to ensure continuous and uninterrupted flow of electricity. Adequate number of well-equipped computer laboratories with latest computing tools, softwares and other technological resources to accomplish academic goals for instruction, research and presentation will be ensured. Sports infrastructure has to be augmented inorder to provide a broad and balanced curriculum. Students will be given special coaching to tackle state and national level competitive examinations. Measures will be taken to ensure adequate student teacher ratio for attaining better academic results. Women friendly campus with zero tolerance to gender discrimination will be ensured. The Internal Complaints Committee is planning to organise programmes which raise awareness on the importance of women safety and security. Proposals were approved for installing more napkin incinerators at the girls' waiting room. Budgeting and optimum utilization of finance as reflected in the audits of the college will be continued. Initiatives such as 'Earn and Learn' programme, formation of Blood Donor's Club, Psychological Counselling for inattentive students, academic audit, energy audit and green audit will be continued.