



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

1. Name of the Institution	NSS COLLEGE
Name of the head of the Institution	Dr.Venugopal S
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04734-252221
Mobile no.	9495793791
Registered Email	nsscollegepandalam@gmail.com
Alternate Email	iqacnsscollegepandalam@gmail.com
Address	NSS College Pandalam, Pathanamthitta, 689501
City/Town	Pandalam
State/UT	Kerala
Pincode	689501

<b>2. Institutional Status</b>																															
Affiliated / Constituent			Affiliated																												
Type of Institution			Co-education																												
Location			Semi-urban																												
Financial Status			state																												
Name of the IQAC co-ordinator/Director			Dr. Jayakumar.K																												
Phone no/Alternate Phone no.			04734252221																												
Mobile no.			9447222584																												
Registered Email			jayakumar.vgr@gmail.com																												
Alternate Email			saravanks80@gmail.com																												
<b>3. Website Address</b>																															
Web-link of the AQAR: (Previous Academic Year)			<a href="http://nsscollegepandalam.ac.in/pdf/AQAR%202018-2019%20final.pdf">http://nsscollegepandalam.ac.in/pdf/AQAR%202018-2019%20final.pdf</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://nsscollegepandalam.ac.in/Calendar/Academic%20Calendar%202019-2020.pdf">http://nsscollegepandalam.ac.in/Calendar/Academic%20Calendar%202019-2020.pdf</a>																												
<b>5. Accreditation Details</b>																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>82</td> <td>2007</td> <td>31-Mar-2007</td> <td>30-Mar-2012</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.05</td> <td>2014</td> <td>31-May-2014</td> <td>05-Nov-2019</td> </tr> <tr> <td>3</td> <td>B+</td> <td>2.63</td> <td>2019</td> <td>05-Nov-2019</td> <td>04-Nov-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	B++	82	2007	31-Mar-2007	30-Mar-2012	2	A	3.05	2014	31-May-2014	05-Nov-2019	3	B+	2.63	2019	05-Nov-2019	04-Nov-2024
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<b>6. Date of Establishment of IQAC</b>			01-Apr-2007																												
<b>7. Internal Quality Assurance System</b>																															
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture																									
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Academic Green Room (Teacher Orientation Programme)	18-Oct-2019 1	16
Installation of Additional Wi-Fi points in the campus	30-Apr-2020 1	2927
Two Day Online Workshop on Creation of Instructional Videos and Recording	13-May-2020 2	153
Renovation of roof of Main block, Commerce block and Chemistry block	01-Jun-2019 60	2927
Academic and Administrative Audit of College	22-Oct-2019 1	120
Advanced Learners' Programme	03-Jan-2020 1	49
Students' feedback	29-May-2020 1	865
Implementation of WEBOPAC	27-Sep-2019 1	2927
Yoga Classes for Teaching Staff, Non -teaching Staff and Students	21-Jun-2019 1	73
Workshop on Introduction to Office Procedures and Practices	03-Feb-2020 1	9
<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
RemyaMuralimano har	WOSA	DST	2019 1095	518400
Dr Sarish	SEED	DST	2017 1095	700000
N.S.S. College, Pandalam	Infrastructure Grant to Universities and Colleges	RUSA	2019 1095	3500000
<a href="#">View File</a>				

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

Yes

Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	4
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>	
Academic Green Room (Teacher Orientation Programme) Two Day Online Workshop on "Creation of Instructional Videos and Recording" Renovation of roof of Main block, Commerce block, Chemistry block and Overhead Water Tank and Establishment of Rain Water Harvesting System EJournal Subscription and Implementation of WEBOPAC Workshop on Introduction to Office Procedures and Practices	
<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>	
Plan of Action	Achivements/Outcomes
To promote research in the institution	PG department of Physics was upgraded to Research department on 7/12/2019
To take initiatives for the empowerment of girl students	15 days yoga classes and 15 days Taekwondo training were conducted for inmates of Girls Hostel during August and November 2019 respectively
To conduct seminar for non teaching faculty	A Workshop on "Introduction to Office Procedures and Practices" was organised for newly appointed and recently transferred non teaching staff. Nine members participated in the workshop.
To ensure the periodical maintenance of physical infrastructure	Renovation of roof of Main block, Commerce block and Chemistry block was done by Management during June and July 2019
To implement RUSA scheme in the college for improving infrastructure facilities in the campus	Assistance was provided to RUSA committee of the college to obtain Administrative and Technical section from State Project Directorate, RUSA, Kerala. Administrative and Technical

	sanction were obtained on 10/7/2019 and 26/1/2020 respectively
To enhance student facilities and classroom facilities	IQAC directed PTA to enhance classroom facilities through procurement of green board, lights, ceiling fans and lectern and successfully accomplished the facilities.
To conduct Academic and Administrative Audit	Academic and administrative audit was conducted on 22/10/2019, under the guidance of the management authorities comprising 25 external experts.
To conduct seminar for teaching faculty on quality assurance	IQAC organised Two Day Online Workshop on "Creation of Instructional Videos and Recording" on 13/5/2020 and 14/5/2020. 153 faculty members from our college and neighbouring institutes participated in the seminar.
To take initiatives for the advancement of network facilities	Additional Wi-Fi points were installed in the Campus on 30/4/2020
To conduct orientation programme "Academic Green Room" for teachers	IQAC organised the programme on 18/10/2019. Newly appointed and recently transferred faculty members attended the orientation programme on academic, cocurricular extracurricular activities of the college, recent developments in higher education and University level curricular transactions. 16 faculty members participated in the programme.
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<b>14. Whether AQAR was placed before statutory body ?</b>	<b>Yes</b>
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Name of Statutory Body	Meeting Date
College Council	03-Mar-2021

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	<b>Yes</b>
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Date of Visit	05-Nov-2019
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<b>16. Whether institutional data submitted to AISHE:</b>	<b>Yes</b>
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Year of Submission	2020
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Date of Submission	16-Apr-2020
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17. Does the Institution have Management Information System ?	No
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## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

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

The institution is affiliated to the University of Kerala and thus the curriculum development process is undertaken by the duly constituted academic bodies like the Academic Council, the Board of Studies and Faculty. The college takes an active interest in sending the faculty to represent in such academic bodies. Hence the college has a fair representation and dynamic contribution in curriculum planning and implementation at the University level. During the implementation of the CBCSS by the University, the faculty members in the college have made a remarkable contribution in designing the courses. The college provides sufficient and optimum academic flexibility for the students to enrich their skills based on their aptitude. It gives opportunities to the students to take any Core subject and associated combination of Complementary Courses offered by the College on the basis of their eligibility criteria. This system also allows a student to select any Elective Course offered by the parent department during the 6th semester and any Open Course offered by the other departments during the 5th semester. The institution offers sixteen value-added programmes which are aimed at apt placement for its outgoing students in a globally competing career environment. Further, these value-added courses encouraged the students to learn the core concepts through 'learning by doing' for self-sustaining purposes and to focus on the pre-requisites of the companies offering jobs after the course. The college has fourteen CBCSS clubs as part of co-curricular and extension activities of students and twelve clubs for extra-curricular activities. To broaden the educational experience and bridge the gap between theory and practice, field trips and internships are made an indispensable part of the curriculum. Invited talks and lectures are organized on frontier areas of knowledge. The academic calendar and the master timetable help in the effective and systematic implementation of the curriculum. Records of teaching and other curricular activities of teachers are maintained in the 'Teacher's Diary' and audited periodically. The college has an effective centralized internal examination system which is monitored by the College Level Monitoring Committee & the Department Level Monitoring Committee. Continuous evaluation is done through class tests, class seminars, assignments and projects. The tutors maintain a tutor's diary and a cumulative record of students' data, which helps to assess the progress of the students. Remedial classes are arranged for the slow learners whereas the advanced learners are imparted special coaching sessions to meet their academic and career prospects. In addition to that, to cater to the demands of the slow learners and the advanced learners, two new programmes – SSP (Scholar Support Programme) and WWS (Walk With a Scholar) – are conducted with the support of the Govt. of Kerala. The Institution gives special attention to review programme and course-specific outcomes with reference to the syllabus regularly. The College IQAC has a formal mechanism of obtaining feedback from the students, parents, alumni and teachers. After analyzing the feedback, appropriate and necessary remedial measures are taken by the college council itself.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of	Duration	Focus on employ	Skill
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Introduction				ability/entrepreneurship	Development
NOT APPLICABLE	NOT APPLICABLE	Nil	0	NOT APPLICABLE	NOT APPLICABLE

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Physics	07/12/2019
<a href="#">View File</a>		

### 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
BA	English	Nil
BA	Hindi	Nil
BA	Malayalam	Nil
BA	Sanskrit	Nil
BA	History	Nil
BA	Political Science	Nil
BA	Economics	Nil
BSc	Physics	Nil
BSc	Chemistry	Nil
BSc	Botany	Nil
BSc	Zoology	Nil
BSc	Mathematics	Nil
BSc	Biochemistry	Nil
BSc	Geography	Nil
BCom	Finance	Nil
BCom	Tax Procedure & Practices	Nil

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

	Certificate	Diploma Course
Number of Students	0	0

## 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
BC 238/1 Management of Errors in Clinical Biochemistry Laboratory	06/06/2019	30
BO 245/1 Horticulture	06/06/2019	35
CH 235/1 MS Office skills	18/09/2019	47

CH 235/2 Instrumentation	20/09/2019	10
COMIT - 14 Computer Aided Communication	07/10/2019	18
HY TT 2019 Travel and Tourism	18/09/2019	58
EC 150/1 Investment Analysis and Portfolio Management	07/10/2019	10
EN 130/1 Film Appreciation Course	06/06/2019	30
EN 130/2 Bridging the Divide: An Introduction to Discourses on Gender	06/06/2019	59
EN 130/3 Spread Your Wings and Fly	06/06/2019	34
<a href="#">View File</a>		

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

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BCom	Finance, Tax	105
MA	Economics, English	38
MSc	Botany, Chemistry, Physics, Zoology	62
MCom	Commerce	19
BA	Economics, English , Hindi, History, Malayalam, Politics, Sanskrit	395
BSc	Biochemistry, Botany, Chemistry, Geography, Mathematics, Physics, Zoology.	255
<a href="#">View File</a>		

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Nil
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The feedback score is used as a key component for quality assurance in the



department or college. The feedback is taken from the students, teachers, parents, and alumni of the college. Towards the end of the academic year, the students of the outgoing batch of students submitted their feedback in a confidential manner physically. The college has a common assessment and analyzing pattern for taking the feedback of the stakeholders. The evaluation process and analysis are conducted by each department. There are seven questions for course evaluation and the stakeholders will respond on a scale of 0 to 4, with the most positive response rated as 4 and the most negative response rated as 0. The mean score for each question will be tabulated and thus the overall mean will be calculated. This figure will range from 4 to 0 and will give the mean satisfaction level of the students for the particular course. The Heads of the departments with the assistance of the tutors/mentors shall collect the feedback from the students of the respective classes and through the students, the feedback of the parents is also collected. Based on the responses in the feedback, the tutors concerned frame a report containing the highlights of the analysis as well as the qualitative comments of these stakeholders. In the department level meeting, the feedback collected from various participants will be discussed in detail and the inclusive reports are analysed. After analysis, these reports are later submitted to the corresponding competent authority, the College level Monitoring Committee (CLMC), for their perusal and necessary action. After analysing the feedback and considering the valuable suggestions given, necessary steps will be taken. Then the action taken report will be recorded in the feedback register and the same will be intimated to the Internal Quality Assurance Cell (IQAC) within the stipulated time. The different areas suggested for improvement will be discussed with the respective departments. The proposals given by the different departments are then discussed in the College Council meeting for taking proper action. The strengths of the college are also taken into consideration for further upgradation. The syllabus revision is one important area where the feedback mechanism has brought a substantial change. The feedback mechanism has promoted the overall functioning of the institution in terms of skill orientation, career orientation, employability, communication skill development, research and collaboration, entrepreneurship development and internship and field projects.

## **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
BA	Economics	146	2581	142
BA	English	70	3711	65
BA	Hindi	58	1072	51
BA	History	73	2244	73
BA	Malayalam	58	2705	48
BA	Political Science	73	2160	73
BA	Sanskrit	58	400	39
BSc	Biochemistry	40	1068	36
BSc	Botany	45	2950	45
BSc	Chemistry	57	2464	47

[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	2589	243	29	0	66

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
95	95	40	22	8	16

[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)

The academic and stress related issues of the students are dealt by tutors, who are the contact point for a group of 30-35 students, when they need academic and personal mentoring. The responsibilities of a tutor are monitoring the students' attendance and discipline, regularly informing parents about the performance and regularity of their wards. The tutors counsel the students for solving academic and stress related problems and provide assistance in seeking external counselling if needed. Methodology Attendance Monitoring: The teacher records attendance in every class during the first five minutes. The mentor consolidates monthly attendance and send the information to the parents of defaulters through proper channel. The Parents/Guardians of students with poor attendances are called to meet the mentors and corrective measures will be implemented for further improvement. Academic and non-academic issues: Every mentor maintains a tutorial diary to monitor academic, extra-curricular and co-curricular activities of his/her group. The academic and nonacademic issues of the students will be discussed during tutorial meetings. The mentor will take necessary steps to resolve the problems and will inform Head of the Department or Principal whenever needed. The students are also free to discuss any personal, academic or non-academic issues to the mentor during free hours. Disciplinary Committee of the college ensures calm and peaceful academic atmosphere in the campus. Anti-ragging committee ensures compliance with the provisions of Anti-Ragging regulations as well as the provisions of any law for the time being in force concerning ragging and also takes step to prevent ragging in the institution. The institution also provides mentoring through Scholar Support Programme and Walk with a Scholar Programme.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2732	95	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
106	95	11	0	53

### 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	Designation	Name of the award, fellowship, received from
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	state level, national level, international level		Government or recognized bodies
2019	NIL	Nil	Not Applicable
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	115	6	15/06/2020	27/08/2020
BA	125	6	15/06/2020	27/08/2020
BA	130	6	15/06/2020	27/08/2020
BSc	238	6	08/06/2020	27/08/2020
BSc	205	6	08/06/2020	27/08/2020
BSc	220	6	08/06/2020	27/08/2020
BCom	159	6	10/06/2020	21/08/2020
MA	530	4	10/07/2020	20/11/2020
MSc	630	4	06/07/2020	11/11/2020
MCom	590	4	08/07/2020	20/11/2020
<a href="#">View File</a>				

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

Under the university guidelines, the institution carries out the CBCSS system for UG and the PG students follow the semester system. In these systems there are both Continuous Evaluations and End Semester Evaluations. Each department gives an orientation to first year UG students about the syllabus and evaluation procedures. The entire internal evaluation process involves class room evaluation, internal tests and assignments or projects. There is a department level monitoring committee and a convener who monitors the implementation and frequency, of continuous assessment methods. The periodic instructions issued by university are communicated to the students. As part of continuous evaluations seminars, assignments and internal examinations are conducted. As part of Choice Based Credit and Semester System, the UNDER-GRADUATE student has to take part in at least one club/forum activity. Each club has one teacher convener who evaluates the activities of the student member and records it for further assessment. After the conduct of internal examinations the answer scripts are evaluated within the stipulated time and the scheme of evaluation is made transparent to the students. After the internal examination, the faculty discusses the common mistakes made by the students and helps them overcome such errors. Suitable remedial coaching provided to make slow learners better. The faculty addresses the rightful grievances of the students pertaining to the marks obtained in the internal examination. Re-examinations are conducted for students who fail to attend the internal examination as per the time table due to unforeseen reasons and for the students who have scored less mark. Mark sheets of CA are prepared with utmost care and are handed over to the students for verification and also grievances, if any, are addressed by the faculty

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

words)

The institution recognizes that achieving the pinnacles of excellence can happen only by adhering to an organized plan for curricular, co-curricular and extra-curricular activities. The process of Continuous Internal Evaluation (CIE) is carried out at the institution level in different phases by employing tools like test papers, assignments, seminar presentations, group discussions, etc. These methods enable the students to attain the objectives of each course within the stipulated time-frame. The process of internal evaluation strictly follows the academic calendar issued by the University of Kerala at the beginning of every academic year to which the institution is affiliated. This helps both the students and teachers to have a specific plan regarding the plan of action and to accomplish the desired outcomes. Besides the University academic calendar, all the Departments of the college also create a calendar incorporating various activities scheduled for that year and is sent to the IQAC for evaluation. The Departments integrate several programs/modes of continuous evaluation in a chronological sequence along with the schedule for internal examinations. The teachers of the department are given charge of internal evaluation for each course and the details of the continuous internal evaluation process are included in the Students' handbook for information and transparency. The IQAC and the College Level Monitoring Committee (CLMC) reviews and monitors the execution of these Department-level activities on a regular basis in order to assure quality programs for the students. Moreover, each Department has a Department Level Monitoring Committee (DLMC) which works as an immediate link between the students and the higher authorities. The DLMC scrutinizes the implementation of the continuous evaluation system as it has direct contact with the students. At times, due to unprecedented circumstances, it becomes difficult to strictly follow the time-schedule given in the academic calendar issued by the University. In such situations, the CLMC actively involves in re-working the schedule for continuous assessment and it is done after consulting all the Departments, IQAC and College Council. DLMC also ensures the implementation of the revised plan. As part of this evaluation, assignments, and seminars are given well in advance so that students have ample time for preparation, execution, and perfection for the same. The documents submitted by the students are valued and returned so that they can use them in their preparations for the exams. Internal examinations are also conducted as per the schedule and the papers corrected and returned letting the students know the areas they should improve. The internal marks are displayed on the notice board and the students can raise their grievances if any to the DLMC/CLMC before it is uploaded to the University. After uploading the marks to the University, a hard copy of the same is circulated among the students to be signed and confirm their marks. It is countersigned by the tutors, subject teachers, HoD and the Principal and forwarded to the University within the time specified by the CLMC.

## 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://nsscollegepandalam.ac.in/igac/igac-criteria2.pdf>

### 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
150	BA	Economics	113	32	28.32

130	BA	English	54	37	68.52
125	BA	Hindi	41	20	48.78
238	BSc	Biochemistry	31	26	83.87
245	BSc	Botany	35	17	48.57
205	BSc	Geography	32	14	43.75
159	BCom	Finance	63	46	73.02
530	MA	English	18	17	94.44
650	MSc	Zoology	15	14	93.33
590	MCom	Finance	16	15	93.75
<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://nsscollegepandalam.ac.in/feedbackreport/TLE%202019-2020.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	SERB	3762000	700000
Major Projects	1095	DST Government of India	2253200	518400
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### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Environmental Day	Chemistry	07/06/2019
Covid-19 awareness programme	Botany	19/02/2020
Femtosecond Laser Nanostructuring of Materials	Physics	10/07/2019
Career Opportunities in the Department of Atomic Energy	Physics	07/08/2019
Physics and Society	Physics	28/02/2020
Zero budget natural farming	Geography	02/08/2019
Ozone depletion and climate change	Geography	19/09/2019

Ramayana Seminar	Sanskrit	08/08/2019
Sanskrtathint Prasakti Adhunikakaalaghatthil	Sanskrit	30/08/2019
Basheer-Dev Anusmaranam	Malayalam	05/07/2019

### 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
Nil	Nil	NA	Nil	NA
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
Incubation Centre	Academic Centre for Competitive Examinations	N.S.S. College, Pandalam	Nil	Nil	Nil
Incubation Centre	Academic Centre for Competitive Examinations	N.S.S. College, Pandalam	Nil	Nil	Nil
<a href="#">View File</a>					

## 3.3 – Research Publications and Awards

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

State	National	International
0	0	0

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

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

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Zoology	12	0
International	Zoology	1	0
National	Biochemistry	1	0
International	Botany	1	0
International	Physics	2	2.06
National	Hindi	2	0
National	Malayalam	5	0
National	English	6	0
National	Economics	2	0
National	History	2	0
<a href="#">View File</a>			

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
Malayalam	6
English	7
Zoology	2
Chemistry	2
Physics	2
Hindi	3
Commerce	7
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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
One step synthesis and characterization of ZnO-ZnSe heterostructures by chemical precipitation and its solar photocatalytic activity	Saravana Kumar S	Journal of Inorganic and Organometallic Polymers and Materials	2020	1.3	NSS College Pandalam	1
Jet nebuliser spray pyrolysed indium oxide and nickel doped indium oxide thin films for photodiode application	Saravana Kumar S	Optik	2020	3.7	NSS College Pandalam	6
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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	Institutional affiliation as mentioned in
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					citation	the publication
One step synthesis and characterization of ZnO-ZnSe heterostructures by chemical precipitation and its solar photocatalytic activity	Saravana Kumar S	Journal of Inorganic and Organometallic Polymers and Materials	2020	40	1	NSS College Pandalam
Jet nebuliser spray pyrolysed indium oxide and nickel doped indium oxide thin films for photodiode application	Saravana Kumar S	Optik	2020	46	6	NSS College Pandalam
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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	34	70	20	0
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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
Jal Shakthi Abhiyan A lecture	N.C.C.	1	75
Blood Donation Camp in coordination with local govt hospital	N.C.C.	1	40
Safe driving with special Emphasis on Two Wheeler Driving	N.C.C.	1	68
Plantation of	N.C.C.	1	80



Bamboo Trees in Achan Kovil River Bank			
Inauguration of Megha Swachhta Pakhwada	N.C.C.	1	98
Tree Plantation	N.C.C.	1	65
Water Pollution Awareness program	N.C.C.	1	110
World Population Day Awareness Program	N.C.C.	1	98
Plastic waste eradication programme collaborate with Pandalam Municipality	N.C.C.	1	90
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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
Chemistry Association for Rehabilitation Enhancement (CARE)	Letter of Appreciation	GrammaPanchyath	18
No file uploaded.			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	N.S.S. Unit, N.S.S. College, Pandalam	Swachh Bharat	4	17
Election Campaign, 2019 "Inclusiveness in Election"	Collectorate Pathanamthitta	Election Campaign, 2019 "Inclusiveness in Election"	2	1
Survey - Socio-Economic Survey Among the Transgenders	Department in Collaboration with District Literacy Mission	Survey - Socio-Economic Survey Among the Transgenders	4	13
Flood Relief Activities by Students	N.C.C. Unit, N.S.S. College, Pandalam	Flood Relief Activities by Students	0	5
<a href="#">View File</a>				

### 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 Project	Binesh Mohan	NIST, Thiruvananthapuram	60
MSc Project	Praveena P V	NIST, Thiruvananthapuram	60
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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
Visiting Scholar	National Natural Science Foundation of China	School of Physics Opto electronic Engineering, Guangdong University of Technology, Guangzhao, China	02/09/2019	30/11/2019	1
Institute visit	Project work	Milma Cattle feed plant, Patta nakkadu, Alappuzha	01/04/2020	01/04/2020	31
Institute visit	Project work	Central Products Dairy- MILMA (KCMMF), Alappuzha	01/04/2020	01/04/2020	31
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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
Mannam Ayurveda Co-operative Medical College, Pandalam	31/07/2019	To extend the facility for clinical biochemistry and biochemical techniques To provide phytochemical and	13

		pharmacognostical laboratory facilities for the standardization aspects of herbal drugs	
Rubber Producing Society of Adoor	06/08/2019	Optimized treatment of waste water containing natural rubber latex	45
Hedge school of applied economics	03/06/2019	For starting a certificate course for the students of department of commerce	54
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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
18	17.1

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Classrooms with Wi-Fi OR LAN	Existing
No file uploaded.	

### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Grandha Software	Partially	2.0	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	59176	6547755	636	265976	59812	6813731

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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
DR.SARISH	ELECTROCHEM-1	MOODLE	09/10/2019
DR.ANJANA J	Realism and Reality	MOODLE	09/10/2019
KIRAN S KUMAR	MICROBIOLOGY	MOODLE	09/10/2019
DR.NANDAKUMAR	Enzymes used in gene cloning	MOODLE	09/10/2019
VIJAYAKUMAR	Raman Spectroscopy	MOODLE	09/10/2019
DR.SARAVANAKUMAR	Tunneling through a potential barrier	MOODLE	09/10/2019
MAHESH S K	Klein-Gordon equations and its relevance	MOODLE	09/10/2019
HAREESH P K	Atomic Spectroscopy	MOODLE	09/10/2019
AMBILI P R	CLIMATE OF KERALA	MOODLE	09/10/2019
DR SAJANEESH V P	GANDHIAN MOVEMENT	MOODLE	09/10/2019
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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	139	35	20	7	26	11	35	50	5
Added	0	0	0	0	0	0	0	0	0
Total	139	35	20	7	26	11	35	50	5

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

50 MBPS/ GBPS

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Not Applicable	<a href="#">NIL</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	Expenditure incurred on	Assigned budget on	Expenditure incurred on
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academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilities
10	9.02	80	76.31

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 systems and procedures for maintaining and utilizing physical, academic, and support facilities. The Principal superintends the facilities and administers the proper functioning of the system through various Heads of the Departments, faculty members, administrative staff, lab attendants, librarian, library assistants, etc. The IQAC also monitors the total functioning of the modus operandi which ensures the optimal use and maintenance of the whole system. The bodies like Academic committee, Library committee, ICT committee, etc. guarantees the out-and-out use of the classrooms, library, IT tools, etc. The Planning Board, Purchase Committee, PTA, and the College Council play vital roles in the efficacious working of the system. The facilities for curricular, co-curricular, and extra-curricular activities are made available and often maintained and managed as they are freely accessible to all the students. These activities are strictly monitored by the tutors. The Heads of the Departments and faculty members are taking charge of their respective department laboratories and monitoring the use of labs and they keep the stock register. There are attendants who are given the responsibility to assist the activities at the lab and they perform duties like opening and closing the laboratories, collecting the specimen needed for experiments, maintaining instruments and equipment, preparing solutions or materials, etc. The lab attendants are present throughout the sessions to provide the necessary support. The librarian is in charge of the library activities and works with the assistance of the library support staff.

A Library Advisory Committee which comprises teachers and students is constituted to give needed guidance and suggestions. The books are indexed, categorized, and arranged alphabetically according to the content and subjects.

The library is partially automated with the Grandha software. Enough opportunities for e-learning through INFLIBNET, N-LIST, NPTEL, Shodhganga, SWAYAM and MOOC are also provided. Apart from the main library, almost all the departments have their separate libraries enabling the students for a quick reference. The PTA, a statutory body of the college, supplements the maintenance of the facilities to a great extent. The major funds which aid in the enrichment and maintenance of infrastructural facilities are funded by the Management, PTA, Government (PD, UGC, CPE, CSIR, FIST etc.), Minor Research Projects and Major Research Projects. The college ensures optimum utilization of existing funds for infrastructure development through Planning Forum and IQAC. The sports activities of the college are managed by the Physical Education Department. The students are selected to the college team through selection trials. They are trained and encouraged to participate in various competitions including intercollegiate events, inter-university events and national events. The Computer Lab is available to all the staff and students. The internet / intranet / LAN facilities are fully functional and are properly maintained and monitored. All departments are connected through LAN and are provided with WiFi access. For ensuring more transparency and security, the key positions of the main building and examination halls are kept under CCTV surveillance. The college has adequate power backup and provides purified drinking water.

<http://nsscollegepandalam.ac.in/facilities.php?id=6>

## 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	Student Support Scheme and Endowments	15	15000
Financial Support from Other Sources			
a) National	KPCR/OEC/OBC/SC/ST/FC/SEBC	1877	5316470
b) International	Nil	Nil	Nil
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### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Spread Your Wings	03/12/2019	34	NSS College, Pandalam
Remedial Coaching	04/12/2019	347	NSS College, Pandalam
Bridge Course	06/08/2019	848	NSS College, Pandalam
Celebration of Yoga Day and Practice Sessions	21/06/2019	150	NSS College, Pandalam
Soft Skills/ICT Training	17/10/2019	168	NSS College, Pandalam
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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
2020	career Counselling/Training for Competitive Examinations	8	6	8	6
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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	14

### 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
3	90	5	4	160	29
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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
2020	199	Arts/Science/Commerce	Various Departments	Various Institutions	MA, M.Sc..M.Com
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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
Nil	47
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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
College Arts Festival	College	640
Kerala University Youth Festival	Inter-Collegiate	46
Kerala Piravi Celebrations	College	401
Onam Celebrations	College	2800
Panorama	College	180
Yoga Demonstration Class on Yoga for College Students as part of International Yoga Day	College	352
Inter-Collegiate Taekwondo (M W) Championship (12th and 13th February 2020)	University	120
Kerala University Inter-Collegiate (North Zone) Cricket (M) Tournament (3rd to 14th October 2019)	University	190
Health Awareness Campaign on International Youth Day - 12th August 2019	College	500

Quiz Programme in Connection with World Cup Cricket (10th July 2019)	College	30
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	All India Inter-University Participation- JUDO (Women)	National	1	Nil	33717123 024	LITTY THAMPI
2020	All India Inter-University Participation- JUDO (Women)	National	1	Nil	13018123 054	SNEHA S. NAIR
2020	All India Inter-University Participation- JUDO (Women)	National	1	Nil	23018123 021	SWETHA PRAKASH
2020	S Z Inter-University Participation- Cricket	National	1	Nil	337123003	ANANDHU BABU
2020	All India Inter-University Participation- JUDO (Women)	National	1	Nil	22016123 008	ARYA VISWARAJ
2020	All India Inter-University Participation - RUGBY (Women)	National	1	Nil	15018123 013	GREESHMA KRISHNAN
2020	All India Inter-University	National	1	Nil	33717123 024	LITTY THAMPI



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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)

N.S.S. College, Pandalam has an active Student Union which consists of the representatives of the whole student community. The elections are conducted following the Parliamentary mode in strict accordance with the Lyngdoh Committee report. The office bearers are the Chairman, Vice-Chairman, General Secretary, two University Union Councilors, Arts Club Secretary, Magazine Editor, two Lady Representatives, Sports Secretary and a class representative from all batches including the UG and PG. As per the Lyngdoh Committee report, only those students with adequate attendance, who does not have an examination arrears and a person on whom no disciplinary issues are charged are eligible to contest for the election. The election follows a two-tier process. In the morning session, the students of all classes elect their representatives and in the second phase which is scheduled in the afternoon, these elected representatives choose the office bearers among them by once again casting the vote. The Students' Union formally takes charge after the oath taking ceremony and it exists as an official student body on the campus. Barath Chandran of BA Economics was chosen as the Chairman for the year 2019 - 2020, Reshma Rajan as Voce-Chairperson and Shebin as the General Secretary. The Union actively engages itself in the college as the voice of the students and they organize various activities both curricular and extra-curricular. One of the teachers is nominated as the College Union advisor who monitors all the activities. The College Union of N.S.S. College, Pandalam conducts programmes round the year like the Union Inauguration, Fresher's Day, College Youth Festival, Music Day, Sports Day, Cultural Fest, Arts Day, Book Fest, Food Festivals, Blood Donation Camps, Organic Farming initiatives, various sports events competitions and College Day. The Union undertakes the task of preparing the students for University Youth Festival. The Union also organizes social and charity works in order to nurture social responsibility among the students. The Union also brings out a College Magazine every year which includes the various creative endeavours of the students of the College. Two students from the Union are also part of the IQAC. The students who are part of the IQAC have the responsibility of sharing the various concerns of the student community like the problem with the infrastructural facilities, teaching-learning process, extra-curricular activities, etc. to the attention of the College Authorities. They also coordinate the various student-support programmes, feedback of the students and also provide information of the activities of the IQAC on campus. Besides IQAC, the Union members are part of all major bodies in the college such as the Grievance Redressal Cell, Anti-raging Cell, Anti Sexual Harassment Cell, and the College Planning Board. The financial source for the activities of the Council is taken from the Union fund allotted by the Government and also from the PTA.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni of N.S.S. College, Pandalam attempts to establish a close contact among the old students and they also undertake various social, cultural and academic activities. The Alumni association contributes significantly to the development of the institution through different means. The Alumni of the college comprises

of many eminent personalities including academicians, politicians, professors, film stars, advocates, sports personalities, businessmen, etc. The Alumni has undertaken many activities which have proved beneficial for the society. They regularly contribute to the Chief Minister's Relief Fund and they provide scholarships, prizes, cash awards and endowments for the students every year. The notable alumni of the college are the renowned filmmaker and Phalke award winner, Adoor Gopalakrishnan, Prof. V.N. Rajasekharan Pillai, Former Vice Chancellor, IGNOU and Former Vice Chairman of UGC), Dr. N. Radha Krishnan, Sri. Mohan Das IAS, Sri. K.S. Premachandra Kurup, Pandalam Sudhakaran, Prof. Narendra Prasad and so on. More than the centralized alumni, the College is keener to have Department alumni also. The Department of English, Economics, Commerce, etc. have their own full-fledged alumni associations since and these associations have a formal structure through the registration done under the society and charity act. The English Association has been named as 'Casa Litearti' and it has around 220 members at present actively participating in various activities. The members of the alumni have been contributing to the welfare of the College since many years. Many of the students who are wellplaced regularly visit to deliver lectures and take classes for our students they have established a Placement Cell to guide the current students to various novel avenues. The Alumni has also started a new venture with the PG batch of 2018 titled as 'Book Bank' in which every student who successfully completes the course donates at least two books to the Department Library. They've also initiated a 'Scholarship' for meritorious PG student in the coming years. The Alumni also is part of English Department's annual literary festival 'Lumina Literati' as they render their whole-hearted support to the venture. The College Alumni regularly supports the College by providing assistance and guidance in various forms, organizing Lecture Series, helping the Placement Cell, Book Bank, etc.

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni of N.S.S. College, Pandalam attempts to establish a close contact among the old students and they also undertake various social, cultural and academic activities. The Alumni association contributes significantly to the development of the institution through different means. The Alumni of the college comprises of many eminent personalities including academicians, politicians, professors, film stars, advocates, sports personalities, businessmen, etc. The Alumni has undertaken many activities which have proved beneficial for the society. They regularly contribute to the Chief Minister's Relief Fund and they provide scholarships, prizes, cash awards and endowments for the students every year. The notable alumni of the college are the renowned filmmaker and Phalke award winner, Adoor Gopalakrishnan, Prof. V.N. Rajasekharan Pillai, Former Vice Chancellor, IGNOU and Former Vice Chairman of UGC), Dr. N. Radha Krishnan, Sri. Mohan Das IAS, Sri. K.S. Premachandra Kurup, Pandalam Sudhakaran, Prof. Narendra Prasad and so on. More than the centralized alumni, the College is keener to have Department alumni also. The Department of English, Economics, Commerce, etc. have their own full-fledged alumni associations since and these associations have a formal structure through the registration done under the society and charity act. The English Association has been named as 'Casa Litearti' and it has around 220 members at present actively participating in various activities. The members of the alumni have been contributing to the welfare of the College since many years. Many of the students who are well-

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## 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)

One of the Organizational strategies that we follow in our institutional management is 'decentralization'. This decentralized administrative system functioning with transparency and cooperation of all the stakeholders in the system like teachers, support staff and students who all are entrusted with responsibilities. Delegation of authority is implemented in various stages of college administration. The College Council stands as the apex administrative Committee of the college, comprising the Principal and all the Heads of the Department as the President and ex officio members respectively. The office superintendent and the NCC officer are also part of the College Council. When we look in to the composition of the College council, the apex body, it has complete decentralized system of functioning. The Council Secretary who organises the meetings of the Council is elected from among the five elected representatives of the College Council. These five members to this apex body are chosen from the teaching crew of the college via an election based on Proportional representation, i.e. through a single transferrable vote system. The single transferrable vote system allows even the representation of minority views in the College Council. All important activities of the College are conducted as per the decision of the College Council. The College Council meets as and when there arises a necessity or when the Principal calls for a meeting or by memorandum from any Head of the Department or teachers related to administrative, academic or other matters. All other important bodies of the college function under the direct supervision of the College Council. There is a College Level Monitoring Committee (CLMC) to look after the entire affairs related to the grievances of students in matters of internal examination, attendance etc. Other functions of the CLMC include the uploading of the students' attendance and Continuous Evaluation marks in the University Examination Portal. Under the CLMC, there is DLMC - Department Level Monitoring Committee- which is the grass root level organizational system that ensures participatory management. Another important role of the College Council is to appoint members to important cells or bodies. The appointments to all important bodies, cells, clubs etc are ratified by the college Council. The college council thus acts as a significant authority in the administration of the college. An institution can successfully thrive only with the combined endeavour of all its faculties. Institutional bodies like the College Council, CLMC etc. not only helps to maintain the democratic nature of our institution but also helps to come up with innovative ideas that will help as to realize the vision and mission of our college.

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
Admission of Students	Admission of students is done through online Central Allotment Process by the University. The college can give admission to the students by following the seat matrix, through online protocol of the University and could fill maximum seats in 23 programmes as per the options and preferences of the students.
Industry Interaction / Collaboration	Research centre in Zoology has built up collaboration with Kerala State Biodiversity Board, Kerala Forest Research Institute and ALINT industries in terms of consultancy in river monitoring, biodiversity assessment and chemical analysis. ? The students of the Department of Political Science conducted pre -poll election survey in association with Survey Research Centre, University of Kerala. ? Department of Sanskrit has collaboration with Viswasamskrita Prathishtanam and Mannam Ayurveda Medical College, as part of language enrichment teachinglearning programmes. ? Department of Chemistry has established interaction with National Institute for Interdisciplinary Science and Technology for works in student research programmes.
Human Resource Management	All the teaching faculties in this institution are given with decentralized administrative powers and responsibilities for ease of doing day today functioning of the college. All most all the faculties are functioning as committees, Cells, person in charge of schemes and clubs etc. The college has a Human Resource Management Cell that conducts various programmes including the best practice "Collegium". Collegium is a practice of optimum utilization of resourcefulness of faculty through interdepartmental and intercollegiate lectures on topics of daily life applications. A pool of different faculties are a made available to share knowledge and skills to nearby schools and institutions.
Library, ICT and Physical Infrastructure / Instrumentation	A good number of books could be added to the library during 2019-20, which includes textbooks and reference books.

Renewal of subscription to e-journals and e-books could also done through N-LIST college component of the UGCINFONET Digital Library Consortium (INFLIBNET) ? All the departments are interconnected through LAN. Online transactions and access are given to students and staff through Wi-Fi network terminals in classrooms, staffrooms, laboratories and the campus. Further, these departments have Wi-Fi Zones individually. The students have given training to access folders through network to explore resource materials for learning. ? Operationalise College management software ( Purchased from the GJ Info tech Private Ltd, Irinjalakkuda.) provided with attendance management of students, conduct of examinations, assignments, online transfer certificate and other office automation procedures. ? The institution has a broadband internet connection through optical fibre as leased line with a speed of 100 Mbps.

#### Research and Development

The college has a Research committee co-ordinated by Dr.M.G.Sanalkumar, Asst.Professor, Dept. of Zoology. Research and Extension division of the college is a common forum for teachers to co-ordinate research and extension programmes in the college. The forum aims at the promotion of inter disciplinary research as well as socially useful, productive activities in the college. For promoting and inculcating research aptitude among students, the activities formulated by the research forum of the college are as follows: ? Interdisciplinary seminar by postgraduate students, evaluation by expert panel and awards for best presentations from Science and Arts, language and Commerce streams. ?Evaluation, criticism and improvement of synopsis presented by all Post Graduate Students in the beginning of III Semester Session ?Submission of monthly progress report of ongoing project work of Postgraduate students to research guides ?Pre-submission presentation of dissertation work by all students for evaluation by panel experts and Principal's award to best presentations ?Submit the dissertation work in the form of research paper to the research forum of the college and

assist to publish them in refereed journals. For promoting and inculcating research aptitude among teachers, the activities formulated by the research forum of the college are as follows:

- ?Awareness programmes to formulate proposals for research projects and corresponding funding agencies.
- ?Collection, evaluation and compilation of project proposals and submit to different agencies.
- ?Timely feedback on national seminar proposals, their compilation and submission to agencies.
- ?Publication of ISSN journal "Science Chronicle" and incorporating research papers of faculty and students.

- Elevated the Department of Physics into Research Department.
- ?Promote eligible faculties to acquire research guide ship.
- ?Take initiatives to promote departments to be research centres.

#### Examination and Evaluation

The college has an internal examination committee for monitoring the regular conduct of internal examinations (Part of Continuous evaluation) (CE). This is a well established and experienced body suited to cope with all the tasks related to preparation, printing and timely distribution of question papers for all the internal examinations of the College, For the smooth conduct of University level End Semester Evaluation (ESE) there is an additional chief superintendent, nominated by the College Council.

- The College Level Monitoring Committee and Department Level Monitoring Committee and faculty advisors monitor the continuous evaluation of students as part of formative assessment.
- Department of Physics and Chemistry conducted open book exams during this academic session with an objective to develop the skills of critical and creative thinking.
- Department of Physics commenced double valuation for internal exams.
- Teacher evaluation by students is done through a formal feedback mechanism, which is done at the end of every academic year.

#### Teaching and Learning

For quality management in teaching and learning, the college:

- ? Ensure adequacy of teachers according to the required teacher-student ratio.
- ? Formulate academic calendar for individual departments and examination calendar with the help of internal



examination committee in the beginning of the year and students are informed.

? Monitor academic procedures through College Level Monitoring Committee (CLMC) and give necessary feedbacks to the departments on academic activities.

? Offer bridge courses to I Semester students in the first and second week ?

Consolidated monthly attendance and credits thus earned and the progress is reported to the authority and parents by faculty advisors and department level monitoring committee. ? Offers remedial coaching to the needy under the supervision of UGC committee ?

Conduct one internal examination for each class in every semester in addition to assignments and seminars for the purpose of continuous evaluation. ? Collect, compile and analyze the feedback from the students on term basis for monitoring efficiency of teaching and evaluation practices •

Further, the Department of English conducted academic enrichment programme

"Lumina Literati". Department of Sanskrit conducted spoken Sanskrit class "Samskritha Sambhashana Sibiram" to enhance the speaking skills of students. •

Science departments such as Biochemistry, Zoology, Botany and Physics introduced virtual lab techniques to the students for practical sessions. In collaboration with Amrita University, the students of these departments are registered in the online virtual lab portal. The

department of encourages the use of Phet and ICT based websites for PG students. • Department of Economics conducted "Budget Bytes", a live programme on budget day and discussion, as part of innovative teaching-learning design. •

The Department of Political science conducts Professor Ananda Padmanabha Pillai memorial endowment lecture every year. The college has an internal exam committee, which monitors the regular conduct of at least one internal exam for all courses in a semester. •

The College Level Monitoring Committee and Department Level Monitoring Committee and faculty advisors monitor the continuous evaluation of students as part of formative assessment. • Department of Physics and Chemistry conducted open book exams during this academic session

with an objective to develop the skills of critical and creative thinking. Department of Physics commenced double valuation for internal exams. • Teacher evaluation by students is done through a formal feedback mechanism, which is done at the end of every academic year

#### Curriculum Development

The curriculum development process is undertaken by the University through duly constituted academic bodies like the Academic Council, the Board of Studies and Faculty. The college takes active interest in sending members to represent such academic bodies of the University. Therefore, the college has a fair representation and dynamic contribution in curriculum planning and implementation throughout the years. The college provides a sufficient and optimum academic flexibility for the students to enrich their skills based on their aptitude. It gives opportunities to the students to take any Core subject and associated combination of Complementary Courses offered by the College on the basis of their eligibility criteria. This system also allows a student to select any Elective Course offered by the parent department during the 6th semester and any Open Course offered by the other departments during the 5th semester. The institution offers fifteen value added programmes which are aimed to place its outgoing students in a globally competing career environment. Further, these value added courses encourage the students to learn the core concepts through 'learning by doing' for self-sustaining purpose and to focus on the pre-requisites of the companies offering jobs. The college has fourteen CBCSS clubs as part of co-curricular and extension activities of students and eleven clubs for extra-curricular activities. To broaden the educational experience and bridge the gap between theory and practice, field trips and internships are made as indispensable part of the curriculum. Invited talks and lectures are organized on frontier areas of knowledge. The academic calendar and the master time table help in the effective and systematic implementation of the curriculum. Records of teaching and other curricular activities of teachers are maintained in the 'Teacher's Diary' and



are audited periodically. The college has an effective centralized internal examination system which is monitored by the College Level Monitoring Committee the Department Level Monitoring Committee. Continuous evaluation is done through class tests, class-seminars, assignments and projects. The tutors maintain a tutor's diary and a cumulative record of students' data, which helps to assess the progress of the students. Remedial classes are arranged for the slow learners whereas the advanced learners are imparted special coaching sessions to meet their academic and career prospects. In addition to that, to cater to the demands of the slow learners and the advanced learners, two new programmes - SSP (Scholar Support Programme) and WWS (Walk With a Scholar) - are conducted with the support of the Govt. of Kerala. The Institution gives special attention to review programme and course specific outcomes with reference to the syllabus regularly. The College IQAC has a formal mechanism of obtaining feedback from the students, parents, alumni and teachers. After analyzing the feedback, appropriate and necessary remedial measures are taken by the college council itself.

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

E-governance area	Details
Planning and Development	The development activities of the College are well planned and future oriented. We utilize the existing LAN and the speedy internet facility to plan the future activities of the College in a more comprehensive manner. Each department put their short term and long term demands and financial requirements to the common platform through the common network. This allows the college council and the planning forum to prioritize the actions to be taken by the College for its future developments.
Administration	Some of the e-governance initiatives allow the College to administer its day today affairs in a more simplified manner. The office automation software provided and supported by the GJ Info tech private limited allows the office staff to provide various services to

	the students and teachers in automated mode. The Transfer certificate of students are now automated, likewise it provide various services to the teachers in online mode. The new practice of e-tendering is also administered by the College office.
Finance and Accounts	In the areas of finance and accounts we follow digital cum traditional methods. Many accounts are still maintained in conventional mode but in banking related activities and disbursement of money to various stake holders we utilise online mode only,
Student Admission and Support	Being an affiliated College under the University of Kerala all the admission is done by the University itself. For the last four years the student admission is done by the University through a unified online portal. All the admission related activities of the students are done in online mode only. Applications to different scholarships, free ships and other emoluments to the students are administered through online mode only.
Examination	All the activities related to examination like submission of application, payment of fees, downloading of hall ticket, downloading of mark list etc are done in online mode. Many departments utilize the MOODLE platform to conduct online internal examinations.

### 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
2019	Not Applicable	Not Applicable	Not Applicable	Nil
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

2019	"Academic Green Room"	Nill	18/10/2019	18/10/2019	16	Nill
2020	"Creation of Instructional Videos and Recording"	Nill	13/05/2020	14/05/2020	153	Nill
2019	Nill	Introduction to Office Procedures and Practices	Nill	Nill	9	Nill
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course	2	21/11/2019	04/12/2019	14
Orientation Course	1	13/11/2019	03/12/2019	21
Orientation Course	1	12/11/2019	02/12/2019	21
Orientation Course	2	16/10/2019	05/11/2019	21
Refresher Course	2	17/09/2019	30/09/2019	14
Refresher Course	1	21/08/2019	03/09/2019	14
Refresher Course	2	06/08/2019	20/08/2019	14
Refresher Course	2	01/08/2019	14/08/2019	14
Short Term Course	1	23/07/2019	29/07/2019	7
Refresher Course	1	11/07/2019	24/07/2019	14
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	7	7

### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Nammude Arogyam	Not Applicable	Students support scheme- Vidyanidhi

## 6.4 – Financial Management and Resource Mobilization

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

**Institution conducts internal and external financial audits regularly Response:**  
 There is a well defined financial management system existing in the college. Every rupee is spent according to the plan instituted by the planning board of the college. The planning board comprises the Principal as the head, and a few other teachers and the superintendent of the college as members. Every activity that deserves financial assistance is scrutinised by the College Council, the apex statutory body which oversees all organisational and administrative matters of the College. After receiving the approval from the College Council the matter is presented before the Manager for final approval, in case the money required exceeds more than Rs.25000/- (Twenty Five Thousand). The finance required for various developmental activities is extracted from different accounts. But the account managed by the Parents and Teachers Association is the largest contributor to major developmental activities of the College. As a government aided institution, the accounts of the college are liable for different levels of scrutiny and auditing by different organisations entrusted by the Government as well as the College. The Parent Teachers Association managed accounts will undergo an audit in the first instance by an internal audit team constituted by the Principal every year. Thereafter these accounts will undergo an external audit by the Management of the College. The UGC related accounts are audited by chartered accountants who are entrusted by the college for the purpose. In addition to that the auditors of the Directorate of Collegiate Education and the Audit Department of the Government of Kerala also conduct audit on accounts. The final audit on all the accounts is done by the Accountant General's Office.

### 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
PTA	5001480	INFRASTRUCTURE, ACADEMIC FACILITIES MAINTENANCE AND SALARY
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### 6.4.3 – Total corpus fund generated

0
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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	University	Yes	Management representatives
Administrative	Yes	Director of Collegiate education	Yes	Management

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

1. Renovate electrical wiring of science labs. 2. Additional purchase of books for the research departments. 3. Constructed ramps for physically challenged.

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

1. Training on office procedures and practices. 2. Appointed 7 new staffs to the office. 3. In service training to newly appointed support staff.

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

1. Upgraded the Department of Physics into research Department. 2. Experimental farming continue. 3. Started special coaching for slow learners to improve the results.

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
2019	Academic green room	18/10/2019	18/10/2019	18/10/2019	16
2020	Two Day Online Workshop on "Creation of Instructional Videos and Recording"	13/05/2020	13/05/2020	14/05/2020	153
2019	A Workshop on Introduction to Office Procedures and Practices	Nil	Nil	Nil	9
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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
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			Female	Male
Bridging The Divide (Value added course on Gender Studies) Dept. Of English	08/01/2020	08/01/2020	43	16
Socio-economic survey among transgenders	22/02/2020	22/02/2020	30	8
Counselling by department faculties	15/01/2020	15/01/2020	38	10
Women empowerment program was conducted at college level named Nirbhay (Observing the girl child day ) By N.S.S	24/01/2020	24/01/2020	50	25
Yoga Training for Hostel Inmates	12/08/2019	04/09/2019	20	0
Self Defence through Taekwondo Training for Hostel Inmates	04/11/2019	22/11/2019	16	0

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
<p>Initiatives have been made by the institution in the following areas: a) Good Daylight Design b) Water Efficiency c) Indoor Air Quality and Ventilation d) Go Green Awareness drives within the campus and in the neighbourhood e) Waste Management - Solid waste management by using biogas. The solid waste generated from the institute canteen is effectively disposed through biogas and generated gas is used in canteen f) Green landscaping with trees and plants Electrical appliances with higher power savings (4star or 5star) are only purchased. Classrooms are made with sufficient cross ventilation and light so that the use of electricity can be minimized. Energy saving is additionally ensured by students and staff by switching off the lights and fans when not in use. Awareness campaigns are also conducted regarding energy conservation. The College also initiated in tree plantation not only within the College campus but around the College vicinity too. 40 of water saved through rain water harvesting.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	5
Provision for lift	No	Nil

Ramp/Rails	Yes	5
Braille Software/facilities	Yes	0
Rest Rooms	Yes	5
Scribes for examination	Yes	20
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	06/06/2019	1	Saplings were distributed among neighbouring schools as part of World Environmental Day	Environmental conservation	65
2019	1	1	07/06/2019	1	Padanopakaranaviathanam (NSS)	Inspire and support students from economically backward families	70
2019	1	1	12/08/2019	365	Experimental Farming	To develop a new farming culture among students and could transfer the idea to students, faculty and the general public.	65
2019	1	1	19/08/2019	3	Flood Relief Ac	Dreadful	67

					tivities	flood of the decade caused by the continuous rainfall in Kerala	
2019	1	1	08/09/2019	1	Onam kit distribution at Kadakkadu	Support economically backward families	53
2019	1	2	02/09/2019	1	Chemistry Association for Rehabilitation Enhancement (CARE)	Water quality is an important concern, which needs to be addressed, especially after a natural calamity like flood..	19

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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)
The Code of Conduct is displayed on the website	01/06/2019	Students are obliged, as part of their Enrolment and Admission, to read and comply with the Code and all other standards of behaviour required by the University's policies and procedures, and to then conduct themselves accordingly. The Code of Professional Conduct for teachers serves as a guiding compass as teachers seek to steer an ethical and respectful course through their career in teaching and to uphold the honour and dignity of the teaching profession. In our institute number of activities are carried out to percolate human



values in students and to build social responsibility, leadership such as Self defense Program, International Women's Day, Water conservation and biodiversity, Blood Donation Camp, International Yoga Day. Uniform is compulsory for students on specified days of the week and during examination. Also committees are formed to maintains freedom of thought and accountability.

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

Activity	Duration From	Duration To	Number of participants
World Environmental Day	05/06/2019	05/06/2019	207
Reading Day Celebration (Department of Malayalam)	19/06/2019	19/06/2019	146
Ozone Day Celebration (Dept. of Geography)	16/09/2019	16/09/2019	60
Nagasaki day (NSS)	09/08/2019	09/08/2019	73
International Yoga day (NSS)	21/06/2019	21/06/2019	80
50th anniversary of NSS	24/09/2019	24/09/2019	74
Independence Day Celebration (NSS)	15/08/2019	15/08/2019	75
Teachers Day celebration (Dept. Of Physics)	05/09/2019	05/09/2019	15
Gandhi Jayanthi celebration (Dept. Of Physics)	03/10/2019	03/10/2019	94
Childrens day (NSS)	14/11/2019	14/11/2019	90
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Plastic ban on campus
- Green landscaping with trees and plants
- Rain Water Harvesting
- Solid waste management by using biogas. The solid waste generated from the institute canteen is effectively disposed through biogas and generated gas is used in canteen.
- The institution observed World Wetland Day, World Environmental Day, National Science Day and Ozone Day through awareness

programmes. • Encouraging bike pooling and carpooling among students and staff.

## 7.2 – Best Practices

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

Best Practise No: 1 : VIDHYANIDHI "Charity is injurious unless it helps the recipient to become independent of it" - John d .Rockefeller jr. We, the faculty at NSS College, Pandalam have always believed that the services we extend to the needy must not be received with bowed heads and humbled arms. Instead, they should be taken with happiness and dignity. It is with this motto in mind that we devised "Vidhyanidhi" a program to empower our students who come from less fortunate backgrounds."Vidhyanidhi" is an exclusive scheme for the medical aid, emergency needs and merit recognition of students in our college. The students are the main contributors and the pooled sum is utilized for various purposes. The scheme is operated by the students of Commerce Department under the supervision of a Chief Coordinator. There is also a student coordinator selected from amongst the PG students. Charity services are done in every college in India, but what sets "Vidhyanidhi" a cut above the rest is the fact that the beneficiaries themselves are the benefactors. All the funds distributed to the needy students come from a source of money pooled from the students themselves. In this way, the students don't feel that they are receiving aid from their more fortunate friends. Instead, they take it as a token of their worth. "Vidhyanidhi" was the brainchild of Dr.Santhakumari, former head of commerce department of our college. The fund is collectively raised from teachers and students. Every year, eight university exams take place in the college. A sum of thirty rupees is levied from each student for every exam. So, it turns out that each and every student ends up paying sixty rupees per year to write their exams. It turns out that after three years of under graduate program, a student gives one eighty rupees for the fund. For post graduate students, it translates as one twenty rupees. For a college that boasts of mighty student strength, the little exam charges pooled together form an enormous sum. This is the monetary source of Vidhyanidhi. Along with this, the faculty members also contribute a lump sum amount to the fund on a yearly basis. From the money thus collected, "Vidhyanidhi" hosts a diverse range of financial help lines to the students of our college. Students who are from economically weaker sections can avail money for their uniforms through this program. Meritorious students whose parents struggle to make ends meet are awarded an yearly scholarship of three thousand rupees (till they complete their courses) to motivate them in their academic vocations. These scholarships are awarded in an annual meeting organized by "Vidhyanidhi". The awardees are felicitated in a grand function in this meeting. Vidhyanidhi provides money to economically backward students to buy their books and other paraphernalia. "Vidhyanidhi" takes care of the complete medical expenses of students who meet with accidents in the college. Students and their immediate family members who need expensive medical treatment are given financial assistance by "Vidhyanidhi". Vidhyanidhi provides hostel fees to needful students who find themselves unable to cope with their surroundings and students who have a long distance to commute but cannot afford hostel accommodation. These are just token pieces of what Vidhyanidhi does. Its reach is enormous and varied, exploring into and extending a helping hand to the needy facets of students' lives. Every year, "Vidhyanidhi" holds an annual meeting in the college. The activities done by "Vidhyanidhi" are properly recorded and presented in this annual meeting. It is during this meeting that the annual income expenditure statement is read out by the PG student coordinator. Meritorious students who bag the scholarships are felicitated in this function. Throughout its operations, "Vidhyanidhi" has been hailed as a fruitful project by both the faculty and students. Students love it because of the fact that it enriches and empowers them to be part of a cause that is otherwise too unreal to materialize

in their young adult world of movies and passions. The scale and enormity of the assistance they give to their friends fills their minds with unbridled joy. When asked once how they viewed the whole enterprise, their reply was that it was after the onset of such a project that they had a positive attitude to the word "charity". They felt that "Vidhyanidhi" imparted dignity to both the donating and the receiving hands. The knowledge that they are contributing their hard earned money for societal causes fills their minds with joy. On the other hand, the students who receive the aid feel that it is a rightful due to them, not some pennies thrown in an act of kindness. Students once told the teachers in charge that it was programs like "Vidhyanidhi" that inspire them to do better at their academic platforms. Recognition of their merit always inspires them to perform better. Moreover, it is due to the implementation of such programs like "Vidhyanidhi" that the students felt that college life was much more than taking down lecture notes in crammed classrooms. "Vidhyanidhi" made students feel that they are being a part of this ever changing and demanding world, answering its calls of emergency with care and surety. They felt empowered being a part of a program that brought about discernible changes in their immediate surroundings. It is heartening to see such a warm response for a program which had a humble beginning and which now has transformed itself into a major societal venture. We, the faculty have oftentimes asked amongst us the impact and relevance of "Vidhyanidhi" and we have never failed ourselves in answering this question. The satisfaction and joy we, teachers derive from "Vidhyanidhi" is boundless. "Vidhyanidhi" opened before us a real slice of the real world, a world beyond grade sheets and scholarly textbooks. Truly the program was an eye opener for both teachers and students and only one of its kinds. We are forever indebted to Dr.Santhakumari for bringing this wonderful program of enormous opportunities before us.

**Best Practise No: 2 : Experimental Farming: An Innovative Venture**

"For the things we have to learn before we can do them, we learn by doing them".- -Aristotle

In Kerala, one of the most challenging concerns of the present era is that of the pesticide-contaminated vegetables and other food items. Though it does not fall into ambit of general education sector, it is sure that various academic institutions have a prominent role to perform in providing pesticide-free and organic vegetables to the society. It is here that we came across the significance of Zero Budget Natural Farming (ZBNF).Zero Budget Natural Farming initiated by Palekar is a set of farming methods, basically a grass root peasant movement, which has spread to various states in India for the purposes of saving the farmers from the debt traps through low budget implementation strategy and public health management . It attained wide success in southern India as it promises to end a reliance on loans and drastically cut production costs ending the debt cycle for desperate farmers, especially the southern Indian state of Karnataka where it was first evolved. "Zero Budget Farming" as the name suggests the word 'budget' refers to credit and expenses, thus the phrase Zero Budget means without using any credit, and without spending any money on purchased inputs. Natural farming means farming with Nature and without chemicals. The Soil Fertility and Quality is maintained through the application of Jivamrutham a cattle based manure. Though the Department of Geography of N.S.S. College, Pandalam took up this initiative and launched the programme under the title Experimental Farming in association with the College Nature Club. Consequently the students of other departments also joined the venture by making it a more potent and effective one. Methodology Soil Fertility and Bio-chemical Analysis Done Periodically Bacteria samples in Jivamrithum assessed Vegetable quality analysed after each yield Comparative reports of sample plots taken half yearly

**Objectives:** 1.To develop a new farming culture among students 2.To acquaint the benefits of zero budget farming 3.To provide varieties of plants, seedlings, fruits, etc to various agricultural societies functioning in different localities. 4.To spread the success of Zero Budget Natural Farming to other neighbouring institutions

**Implementation Strategy** 1.For the whole process, we

used only organic fertilizers. Goat dung manure were used instead of cattle based manure as nitrogen source chicken manure, ash, cow-dung, fish-powder and leaves of Gliricidia sepium ("Sheemakkonna") and Simarouba glauca ("Lakshmi Taru") were mixed and kept for one and a half months making it feasible for farming purposes. 1. Initial Orientation to the students and faculties were given with the help of experts from various Agricultural Universities 2. Visit to other experimental farms in and around Pandalam was done 3. The Soil testing was done by the research scholars of the Department of Zoology. 4. The expert faculties of our Botany Department and agriculture officers of Krishi Vigyan Kendra offered guidance regarding the kinds of saplings and crops that can be cultivated 5. Planted Gliricidia sepium ("Sheemakkonna") and Simarouba glauca ("Lakshmi Taru") for the continuous requirement of

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

<http://nsscollegepandalam.ac.in/bestpractices.php?id=7>

### 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 institution conspicuously stands out for the holistic development it imparts to the students. All efforts are taken for the enrichment and extension of student learning. The institution ensures that the student is not just getting the degree but he/she is moulded to a well bred citizen who is sensitive to others issues. It believes in creating men and women for others, who are socially responsible and committed for the well being of his fellow beings. The knowledge building that occurs in this institution entails an ongoing and sustained engagement with the society in order to bring about qualitative difference in the lives of the people around. The activities of the students and staff during the devastating floods that affected Kerala during the academic year 2018-19 is worth mentioning at this juncture. Moreover, the institution holds pride in bringing the best unit award consecutively for the third year for NSS activities which itself is a reflection of the institution's working philosophy and its core social responsibility. At the same time, there is a strong emphasis for student's needs, aspirations at all levels, psychological, physical, emotional, educational and it is evinced through the faculty members. Various Clubs functioning in the college aims to develop the skill and creativity of the students who are part of it and thus an overall development of the student is guaranteed. The strengths of the institution that makes it unique amongst other sister concerns is the presence of Qualified, Committed and Experienced faculty. Transparent Governance and Administration, warm and healthy relation among the Management, the Principal, the faculty and the students. Strong and acclaimed presence in research, consultancy and publication, rich exposure to eminent personalities and centres of excellence, contribution of faculty substantially to the development of the curriculum and courses, transparency, diversity and inclusiveness in admission process, integration of cross-cutting issues such as Gender, Environmental Education, Human Rights into the teaching-learning programme, liberal scholarships and free ships for socio-economically backward students, leading role in organizing a number of national and international programme, Good facilities for curricular and non-curricular activities, residential facilities and Wi-Fi enabled campus. Optimum use of facilities and the presence of a differently-abled friendly campus make it totally unique among its peers.

Provide the weblink of the institution

[www.nsscollegepandalam.ac.in](http://www.nsscollegepandalam.ac.in)

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

- Strengthening of Online Classes during COVID pandemic Provide needed assistance to the teaching staff to get trained in conducting online classes during the COVID pandemic
- Assist Students for Online Classes IQAC shall conduct a survey among the students to study the difficulties faced by them during online classes. IQAC may take steps to provide financial assistance to provide mobile phones for the deserving students.
- Assist College Administration to collect details of Online Classes IQAC shall provide assistance to college administration to collect online classes handled by the teaching staff on a weekly basis.
- Assist Departments to conduct Online Programme IQAC shall provide technical assistance to conduct Online Seminars/Workshops/Invited Lectures to Departments and Clubs.
- Strengthening of the Career Guidance and Placement Cell Provide the needed assistance to strengthen the functioning of the Career Guidance and Placement Cell by organising workshops / job oriented coaching programmes / conducting model tests for UPSC, KPSC, etc.
- Strengthening of Various Clubs in the College Provide the needed assistance for the functioning of various clubs by organising quiz, online competitions, etc.
- Upgradation of various PG Departments to Research Departments Assistance (Technical and Administrative) and encouragement to be given for Chemistry Department for their upgradation from PG Department to Research Department.
- Strengthening of Student Support Programmes Encourage to conduct more number of student outreach programmes through various Student Support Programmes.
- Improvement of Research Quality Steps to be taken to create an awareness regarding the Research activities and to provide necessary guidelines to enhance the quality of research works and publications.
- Suggestions to PTA Valuable and necessary suggestions to be given and lend a hand to PTA for its effective functioning.
- Assisting RUSA IQAC shall provide assistance to RUSA Project Monitoring Unit to perform Construction and Renovation works proposed in the detailed project report submitted by the college.
- Conduct of Staff Support Programmes Various support programmes are to be conducted under the guidance of IQAC and other Clubs for keeping the Staff (Teaching and Administrative) of the College in comfort in order to get the maximum output and to create a comfortable working atmosphere.