



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	SANATANA DHARMA COLLEGE
Name of the head of the Institution	Dr. P. R. Unnikrishna Pillai
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04772266704
Mobile no.	9446005200
Registered Email	sanatanamalp@gmail.com
Alternate Email	principal@sdcollege.in
Address	Sanatanapuram (PO), Kalarcode , Alappuzha
City/Town	Alappuzha
State/UT	Kerala
Pincode	688003

2. Institutional Status																															
Affiliated / Constituent			Affiliated																												
Type of Institution			Co-education																												
Location			Semi-urban																												
Financial Status			state																												
Name of the IQAC co-ordinator/Director			Dr. C. Krishnakumar																												
Phone no/Alternate Phone no.			04772269350																												
Mobile no.			9562569125																												
Registered Email			iqac@sdcollege.in																												
Alternate Email			krishnakumarsdc@gmail.com																												
3. Website Address																															
Web-link of the AQAR: (Previous Academic Year)			http://sdcollege.in/wp-content/uploads/2022/01/AOAR-Report-submitted-2018-19-1.pdf																												
4. Whether Academic Calendar prepared during the year			No																												
5. Accreditation Details																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of 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>Four Star</td> <td>74</td> <td>2000</td> <td>20-Sep-2000</td> <td>19-Sep-2005</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.14</td> <td>2011</td> <td>27-Mar-2011</td> <td>26-Mar-2016</td> </tr> <tr> <td>3</td> <td>A+</td> <td>3.53</td> <td>2017</td> <td>19-Jul-2017</td> <td>18-Jul-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accreditation	Validity		Period From	Period To	1	Four Star	74	2000	20-Sep-2000	19-Sep-2005	2	A	3.14	2011	27-Mar-2011	26-Mar-2016	3	A+	3.53	2017	19-Jul-2017	18-Jul-2022
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2	A	3.14	2011	27-Mar-2011	26-Mar-2016																										
3	A+	3.53	2017	19-Jul-2017	18-Jul-2022																										
6. Date of Establishment of IQAC			01-Mar-2005																												
7. Internal Quality Assurance System																															
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>Coordinators meet</td> <td>04-Sep-2019</td> <td>17</td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries	Coordinators meet	04-Sep-2019	17																	
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Coordinators meet	04-Sep-2019	17																													

	1	
Training on PFMS	07-Feb-2020	30
	1	

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

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
SD College	INTERNATIONAL COLLABORATIVE PROJECT	ROYAL ACADEMY OF ENGINEERING, UK	2020 1095	750000
SD College	WWS	GOVT OF KERALA	2019 365	137600
SD College	SSP	GOVT OF KERALA	2019 365	107000
DR. G NAGENDRA PRABHU	RURAL TECHNOLOGY PROGRAMME	KSCSTE	2020 730	300000
DR. JOSE MATHEW	ENVIRONMENT CONSERVATION	DOEACC	2019 730	937000
SD College	FIST	DST	2015 1825	10000000
PRIYA R	WOMEN EMPOWERMENT	KERALA WOMENS COMMISSION	2018 730	25000
DR. G NAGENDRA PRABHU	BIOTECHNOLOGY INNOVATION FOR RURAL DEVELOPMENT	Kerala Biotechnology Commission	2018 548	500000
DR. G NAGENDRA PRABHU	SCIENCE POPULARISATION PROGRAMME	KSCSTE	2018 548	250000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

5

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report	View Uploaded File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

• Data for AQAR (201819) and feedback from stakeholders were collected and analysed. Compiled and uploaded data for NIRF ranking 2020. • Installed CCTV surveillance system to monitor the campus and ensure safety and security of students, staff and infrastructure. • Upgradation of Postgraduate Department of Physics to Research Centre of the University of Kerala. • Installation of Elearning facility. • Encouraged clubs and forums to organise more activities.

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

Plan of Action	Achivements/Outcomes
Measures to improve quality	Faculty members were encouraged to participate in Refresher/Orientation/Short term courses/Workshops for quality improvement. Decided to continue Student Support Programme(SSP)for the weaker students and Walk With Scholar (WWS) programme for meritorious students.
Install CCTV surveillance system to monitor the campus	Installed CCTV surveillance system to monitor the campus and ensure safety and security of students, staff and infrastructure.
Participation in NIRF Ranking 2020	Successfully compiled data and uploaded the in NIRF portal.
Shortage of permanent teaching faculty and administrative staff:	Fulltime guest faculty were appointed as per workload. One staff was appointed in the administrative office on a temporary basis.
Renovation of college office	Renovated the administrative section with all facilities.
Promotion of research, extension activities and MoUs	Major international collaborative project was sanctioned. Several extension activities were carried out by all departments, clubs, forums, NCC and NSS. Existing MoUs are continued and discussions are in progress in new ones.
Student startup programmes	Encouraged students to participate in

	student startup programmes. Two student startups were selected in state level competition.				
Community outreach programmes	IQAC constantly encouraged NCC and NSS units to organise programmes which enabled the effective implementation of community outreach activities.				
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td><td>Meeting Date</td></tr> <tr> <td>College Council</td><td>03-Aug-2021</td></tr> </table>		Name of Statutory Body	Meeting Date	College Council	03-Aug-2021
Name of Statutory Body	Meeting Date				
College Council	03-Aug-2021				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2021				
Date of Submission	21-Apr-2021				
17. Does the Institution have Management Information System ?	No				

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

As an affiliated college under the University of Kerala, the College adheres to the curriculum prescribed by the University. Even though the college is following the syllabi prescribed by the University, we regularly interact with the curriculum designers through our representatives in the Academic Council, Board of Studies and Senate. During the current academic year, the college had representation to the Academic Council (One representative); Board of Studies (8 Members) and Senate (One representative). The College has an in-built mechanism for curriculum delivery and documentation of the various processes involved. The implementation of the curriculum is planned and materialized in tune with the academic calendar of the University of Kerala. Modifications to the calendar as per requirements are made at the College level. The loss of working days is compensated through special classes on Saturdays and through additional sessions in the morning and evening. Portions are allotted among faculty members on the basis of specialization and interest in the respective fields. Multiple approaches are combined in the transaction of the curriculum. In addition to the "chalk and talk" method, power-point presentations,

practical sessions, project work, field visits and industrial visits are used to ensure an optimal transaction of the curriculum. Learner involvement in teaching-learning is ensured through student seminar presentations, assignments, project work etc. done under the guidance of faculty members. Student presentations and projects are subject to timely and strict evaluation under the Continuous Evaluation system. Practical work in laboratories is supervised by teachers at the ratio of 1:18. Laboratory work is accompanied by proper guidance in the documentation of practical work and preparation of records. Interdisciplinary project work is encouraged both at the UG and PG levels. Maximum utilization of library and internet resources is ensured by mentors. At the PG level, students are given the freedom to choose their own area of research for the project work. This helps them develop an individual perspective on the discipline as a whole and identify areas with high prospects for future research. Class tests and quiz programmes are carried out during every semester for the purpose of continuous evaluation. The CLMC (College Level Monitoring Committee) ensures that the curriculum is covered in time and internal evaluation is conducted in a transparent manner. Internal evaluation marks are ratified by the students, the class teacher, Head of the Department and the Principal before being sent to the University. Apart from regular teaching, learning and evaluation, the institution takes special measures to address the needs of slow learners and gifted students. Students with learning difficulties are identified immediately after admission through diagnostic tests and remedial sessions are arranged. Tutoring and mentoring is carried out to ensure effective learning. Scholar Support Programme addresses the remedial needs of students, Walk With the Scholar programme provides an orientation towards higher studies, research and career opportunities. In addition to theoretical knowledge, practical skills, proficiency in communication, research aptitude and professional orientation is imparted to students through the curriculum transaction process.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Certified course in Financial Accounting with TALLY	NIL	27/06/2019	20	Employability	Computerised Accounting Skills

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BCom	Open Course changed to Principles of Management from Fundamentals of Financial Accounting	01/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	NIL	Nill

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

	Certificate	Diploma Course
Number of Students	39	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
Competitive Examinations Coaching	03/06/2019	65
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BCom	Finance	124
BSc	Chemistry	43
BSc	Physics	20
MCom	Finance- Projects	21
MCom	Finance- Internship	21
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Feedback on curriculum was obtained from students, teachers, parents, and the alumni. Due to the COVID pandemic, the feedback was collected through online mode (Google Forms). The feedback was analyzed at the College level by the Principal and at the Departmental level by the Heads of the concerned departments. The suggestions and recommendations were summarized and passed on to the University Boards of Studies of various disciplines and the Academic Council of the University of Kerala through representatives in these bodies. During the current year, the college had representatives to the Academic Council (One representative) Board of Studies (8 Members) and Senate (One representative). The feedback was also used to enhance the process of curriculum transaction wherever necessary.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
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Programme	Specialization	available	Application received	
BA	Hindi	41	850	41
BA	Economics	66	1400	66
BA	Communcative English	40	980	40
BA	English	53	1004	53
BSc	Zoology	45	1068	45
BSc	Physics	47	1450	47
BSc	Mathematics	61	1549	61
BSc	Microbiology	36	1442	36
BSc	Chemistry	47	1310	47
BSc	Botany	48	912	48
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2052	329	32	0	80

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
112	80	Nill	13	6	Nill
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Student mentoring activities are conducted at the institution to motivate, guide and hence ensure the all-round development of students. CLMC (College Level Monitoring Committee) conducts an induction programme for newly admitted students in order to orient them towards higher education. Students are given a briefing on the Choice-Based Credit and Semester System and the learning resources available on campus (including lab facilities, library, INFLIBNET etc.). At the Department level, faculty members address their students on the first day of the course, offering guidance on the curriculum, co-curricular activities, student support initiatives and the evaluation process. Parents of fresh entrants are also addressed in this session. In Science departments, where lab work is an indispensable part of the course, students are acquainted with the lab support staff and given directions on the careful use of lab facilities. Awareness against ragging, sexual harassment and substance abuse is also imparted. Mentoring activities are undertaken under the leadership of class tutors. Group level mentoring by faculty members (mentors) is practiced by select departments. Mentors develop an excellent rapport with the mentees and maintain a healthy relationship. The general grievances of students are promptly addressed. Effective use of library facilities and INFLIBNET by students is encouraged. Remedial classes and tutorial sessions are arranged on the basis of need. Students are enrolled in mentoring programmes like Scholar Support Programme (meant for low performers) and Walk With the Scholar (meant for gifted students). More

than 80 percent of the students being girls, special care is taken for the mentoring of girl students. The Women's Cell functions actively to ensure health, hygiene and well-being of female students on campus. Active participation of girls in curricular and co-curricular activities is ensured. Student participation in co-curricular activities including sports, club activities, NCC, NSS and cultural competitions (inside and outside the College) is ensured. Talented students are prepared for art, literary and sports competitions under the leadership of faculty members and also under the aegis of various clubs and forums. Winners are appreciated. Endowment awards are instituted by the Departments for meritorious students at the UG and PG level. This is done to instill healthy competition among students. Preparation of students for competitive exams like NET, SET, GATE, JEST, JAM etc. is given importance. UG students are encouraged to prepare for entrance examinations in order to secure admission in reputed national institutes. Proper orientation to higher studies and research is provided at the Department level. Students are taken for field studies, lab visits and study tours under the guidance of faculty members. The publication of magazines and newsletters and the conduct of exhibitions and paper presentations by students are encouraged. Student volunteers are given an active role in the organization of activities on campus in order to instill team work and leadership qualities. The Career Guidance and Placement Cell organizes training and counseling sessions for final year students to help learners prepare for placement drives and keeps them updated on employment opportunities.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2381	112	1:21

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
112	76	36	36	63

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr. G Nagendra Prabhu	Associate Professor	Nation Builder Award
2019	Dr. G Nagendra Prabhu	Associate Professor	Dr. Latha Ananda Award for Outstanding Contribution to Environment
2019	Dr. Veena J	Assistant Professor	Best NSS Programme Officer
2019	Lt. Anupama V	Assistant Professor	Excellence in Yoga Performance
2019	Lt. Anupama V	Assistant Professor	Excellence in Camp Planning
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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
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				examination
BSc	220	2	20/06/2019	25/01/2020
BSc	220	1	02/12/2019	30/10/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The Evaluation process is given much importance in the institution. Being affiliated to the University of Kerala, End Semester Examinations are conducted and evaluated at the University level. Continuous Evaluation is done at the College level on the basis of University norms. The institution doesn't have the flexibility to incorporate large scale evaluation reforms. However effectiveness of Continuous Evaluation is ensured through specific guidelines. 20 percent marks per course for UG programmes and 25 percent marks per course for PG programmes are awarded through continuous evaluation. Criteria for continuous evaluation are attendance, class room performance, internal tests and assignments/seminars. Two sets of internal tests are administered from which the better score is taken. Classroom discussions are also used for evaluating student performance. Punctuality of submission, neatness, reference of external resources and bibliographic citations are considered while allotting marks for assignments. Participation in extension activities is another important criterion for the award of CE marks in the fifth semester. Participation in any one extension activity (club activities/NSS/NCC etc.) for a minimum of 40 hours is mandatory. Project work is part of evaluation in the final semester for both UG and PG students. Project topics are selected and worked on as per the norms of the University. However ample flexibility is given in the choice of subject matter. Project work is strictly monitored by faculty members. Diagnostic evaluation is conducted by the Departments for fresh batches. Remedial classes, tutoring and mentoring sessions are arranged on the basis of diagnostic evaluation.

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

As an affiliated institution, S.D.College strictly adheres to the academic calendar published by the University of Kerala. The University Academic Calendar is followed for the commencement of each semester, conduct of internal examinations and the conclusion of classes. Internal examinations are coordinated by the College Level Monitoring Committee (CLMC). The committee ensures that the internal examinations take place as per schedule. The answerscripts are duly valued and the marks included in the Internal Assessment scores of students. Teachers ensure that portions are completed in time for students to prepare well for their internal exams. Classes lost due to local holidays, extra-curricular activities and other exigencies are compensated for on Saturdays by the respective teachers. National festivals like Independence Day and Republic Day are celebrated in the college with solemnity and splendour. Onam and Christmas celebrations are conducted to bring all students and teachers together, fostering a sense of belonging. Arts' festival, Sports' day and College day are events that ensure the all-round development of students. The college ensures that time is allotted for all curricular and extra-curricular activities, adhering strictly to the University academic calendar. <http://sdcollege.in/academic-calendar.html>

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://sdcollege.in/programme-outcomes.html/>

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
235	BSc	Chemistry	42	26	59.5
230	BSc	Physics	40	21	52.5
220	BSc	Mathematics	52	31	59.62
115	BA	Malayalam	43	5	11.62
125	BA	Hindi	29	19	65.52
130	BA	English	46	27	58.7
133	BA	Communicative English	35	10	28.57
140	BA	History	41	15	36.59
150	BA	Economics	53	23	43.4
159	BCom	Commerce	116	90	77.59
View Uploaded File					

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://sdcollege.in/campus-surveys.html>

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
International Projects	1095	Royal Academy of Engineers, UK	300	0
Major Projects	730	KSCSTE	3	1.37
Major Projects	730	DOEACC	9.37	0
Minor Projects	548	Kerala womens commission	1	0.25
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	0.1	0.1
Students Research Projects (Other	180	KSCSTE	0.1	0.1

than compulsory by the University)				
Students Research Projects (Other than compulsory by the University)	180	KSCSTE	0.1	0.1
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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
Basheer Anusmaranam	PG Department of Malayalam Sanskrit	05/07/2019
One Day Seminar on "Smart Materials and Supramolecular Chemistry	PG Research Department of Chemistry	13/07/2019
Workshop Series on Research Methodology 1	PG Research Department of Commerce	13/07/2019
RESEARCH METHODOLOGY WORKSHOP	Research Monitoring committee, SD College Alappuzha	18/07/2019
Ramayana Kadhayanam	PG Department of Malayalam Sanskrit	19/07/2019
Ezhuthalinoppam	PG Department of Malayalam Sanskrit	24/08/2019
ONE DAY WORKSHOP ON RESEARCH METHODOLOGY – II	PG Research Department of Commerce	12/10/2019
Mathru Bhasha Seminar	PG Department of Malayalam Sanskrit	01/11/2019
Workshop Series on Research Methodology - 3 (Preparation of Questionnaire)	PG Research Department of Commerce	16/11/2019
Seminar on Effect of Climate Change on Biodiversity	PG Research Department of Botany	03/12/2019
Workshop series in Research Methodology - iv	PG Research Department of Commerce	04/01/2020
One Day International Symposium on Supramolecular Photochemistry (Spc - 2020)	PG Research Department of Chemistry	17/01/2020
Ezhuthu-Vayana-Prathirodham	PG Department of Malayalam Sanskrit	18/01/2020
Prof. R Ramavarma	PG Department of	11/02/2020

Thamburan Smaraka Prabhashanam	Malayalam Sanskrit	
National Science Day Celebrations 2020 (SCIEN- FEST 2020)	PG Research Department of Physics	27/02/2020
Aadhunika Sahithya Sarga Vicharam	PG Department of Malayalam Sanskrit	09/03/2020

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
Young Innovators Programme (YIP), 2019-2022 - IDEA/2019/324 - Chitosan replacing formalin	Seba Syam Aveline Feyona Faber	Kerala Development and Innovation Strategic Council	31/12/2019	State
Young Innovators Programme (YIP), 2019-2022 - IDEA/2019/118 - Utilization of water hyacinth	Anoop Kumar V	Kerala Development and Innovation Strategic Council	31/12/2019	State
Best oral paper presentation award	Surabhi Sankar	ISMPP Annual conference	26/09/2019	National
Best NSS Programme Officer	Dr. J Veena	University of Kerala	20/11/2019	University
Outstanding contribution to Environment	Dr. G. N. Prabhu	Anugraha Charitable Trust, Ernakulam	05/09/2019	Regional
National Builder Award 2020	Dr. G. N. Prabhu	Rotary Club of Alleppey Greater	02/02/2020	Regional
Excellence in Yoga Performance	Lt.Anupama.V	Officers Training Academy,Gwalior	03/12/2019	National
Excellence in Camp Planning	Lt.Anupama.V	Officers Training Academy,Gwalior	03/12/2019	National
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start- up	Date of Commencement
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SD College	SD College	Kerala Development and Innovation Strategic Council	EichhoTech	Student Start-up	19/07/2019
SD College	SD College	Kerala Development and Innovation Strategic Council	Chitoadapt	Student Start-up	19/07/2019
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

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

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

Name of the Department	Number of PhD's Awarded
Commerce	2

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	Botany	1	0
International	Botany	6	0.96
International	Chemistry	1	4.05
National	Commerce	13	3.47
International	Commerce	1	0
International	English	1	0
National	Malayalam Sanskrit	3	0
International	Malayalam Sanskrit	2	0
International	Physics	4	2.9
National	Hindi	1	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	6
Botany	4
Commerce	2
Malayalam	1

Physics	2
English	3
Mathematics	5
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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
Anthraquinone production in cell cultures of morinda citrifolia 1.through cotreatment with elicitors and precursors	S. SREERANJINI	The Journal of Cytology and Genetics	2019	0	SD College	0
Recombinase polymerase amplification applied to plant virus detection and potential implications	Dr.Binoy Babu	ANALYTICAL BIOCHEMISTRY	2019	12	SD College	12
Rapid Nanofabrication of Nanostructured Interdigitated Electrodes (nIDES) for Long-Term in vitro Analysis of Human Induced Pluripotent Stem Cell Differentiated Cardi	Dr.Sreekanth J.Varma	Biosensors	2019	6	SD College	6

omyocytes						
Fibre-type Solar Cells, Nanogenerators, Batteries and Supercapacitors for Wearable Applications	Dr.Sreekanth J.Varma	Advanced Science	2019	62	SD College	62
Effective Electromagnetic Shield using Conductive Polyaniline Films	Dr.Sreekanth J.Varma	Materials Today Proceedings	2019	1	SD College	1
Reflux pretreatment-mediated sonication : A new universal route to obtain 2D quantum dots	Dr.Sreekanth J.Varma	Materials Today	2019	6	SD College	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 citation	Institutional affiliation as mentioned in the publication
Theoretical Verification of Dielectric and Magnetic Properties of Polyaniline-Nickel Ferrite Nanocomposites Synthesized in Green Medium Extracted	Dr.K.H.Prema	Asian Journal of Chemistry	2020	34	0	SD College

from the Fruit of Tamarindus indica							
Dust acoustic solitary waves in a five-component cometary plasma with charge variation	Dr.G. Sreekala	Journal Astrophysics and Astronomy	2020	35	0	SD College	
Effects of Nonextensive Ions (Heavier and Lighter) on Ion Acoustic Solitary Waves in a Magnetized Five Component Cometary Plasma with Kappa Described Electrons	Dr.G. Sreekala	Plasma Physics Reports	2020	47	1	SD College	
Arisaema madhuanum (Araceae), A New Record to Kerala	Dr. Jose Mathew	Indian Forester	2019	0	0	SD College	
Cleisocentrum Brühl (Orchidaceae: Vandae: Deceptorinae), a new generic record for Peninsular India with a new species	Dr. Jose Mathew	Species	2020	0	0	SD College	
Oberonia saint-berchmansii (Orchidaceae)	Dr. Jose Mathew	Species	2019	0	0	SD College	

): A new species from south Western Ghats, India						
Sonerila sulphheyi (Melastomataceae, Sonerileae): A new species from the Southern Western Ghats, India	Dr. Jose Mathew	PHYTOTAXA	2020	36	0	SD College
Quantum dots of two-dimensional Ruddlesden-Popper organic-inorganic hybrid perovskite with high optical limiting properties	Dr.Sreekanth J.Varma	AIP Advances	2020	58	3	SD College
Synthesis of air-stable two-dimensional nanoplatelets of Ruddlesden-Popper organic-inorganic hybrid perovskites	Dr.Sreekanth J.Varma	Nanoscale	2020	224	3	SD College
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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	15	48	37	20
Resource persons	2	3	3	5
Presented papers	9	2	0	1

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
Green protocol training	Nehru trophy boat race committee	0	24
Swatchatha pakvada(pledge)	Swatch barath mission	3	10
RTI kerala federation seminar	RTI kerala federation	0	12
Cleaning programme	Motor vehicle department	0	17
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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
Oustanding contribution to Environment	Oustanding contribution to Environment	Anugraha Charitable Trust, Ernakulam	Nill
Best oral paper presentation award	Best oral paper presentation award	ISMPP Annual conference	Nill
Best NSS Programme Officer	Best NSS Programme Officer	NSS University of Kerala	Nill
Excellence in Yoga Performance	Excellence in Yoga Performance	Officers Training Academy,Gwalior	Nill
Excellence in Camp Planning	Excellence in Camp Planning	Officers Training Academy,Gwalior	Nill
Utilisation of water hyacinth	Utilisation of water hyacinth	Kerala Development and Innovation Strategic Council	1
Kerala Development and Innovation Strategic Council (K-DISC) and Young Innovation Programme (YIP)	Kerala Development and Innovation Strategic Council (K-DISC) and Young Innovation Programme (YIP)	K-DISC	2
National Builder Award 2020	National Builder Award 2020	Rotary Club of Alleppey Greater	Nill
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen	Name of the activity	Number of teachers	Number of students
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	cy/collaborating agency		participated in such activities	participated in such activities
World Breast Feeding Day	District Child Welfare Department	World Breast Feeding Day	0	1
Swathchatha pakvada	Swatch barath mission	plastic collection	3	10
Vimukthi	District excise department	Vimukthi/Bike Rally	0	43
Women self defence technique training	Vanitha police station	Women self defence technique training	0	39
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Survey analysis	PG & Research Department of Mathematics & Statistics	NIL	Nil
Research	Dr. Sreekanth Varma	NIL	365
Research	Dr. Jose Mathew	NIL	90
Research	Dr. Jose Mathew	NIL	90
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
For Conducting Madhva Mathematics Examination, National level	For Conducting Madhva Mathematics Examination, National level	S.P College, Pune, TIFR, NBHM Mumbai	11/12/2019	11/12/2019	1
Research	Project	Effect of Doped Ferrite fillers in natural Rubber Hybrid Nanoc	01/02/2020	29/02/2020	1

		omposites as effective EMI Shieldin Material			
Training Centre	Centre for Commodity Derivatives Training	Securities and Exchange Board of India	01/07/2019	01/07/2019	5
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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
M/s Sree Sankara College of Multimedia, Chethala under Priyanka Educational Trust, Cherthala	27/06/2019	Conduct of classes for Certified Course in Financial Accounting with Tally	39
African Development and Financial Consultancy, Nairobi, Kenya	09/04/2019	Centre for Research on Aquatic Resources	1
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
35	29.65

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Fully	16.11	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	22498	Nill	37	51301	22535	51301
Reference Books	34496	Nill	328	124751	34824	124751
Journals	55	43262	Nill	Nill	55	43262
Digital Database	1	5900	Nill	Nill	1	5900
CD & Video	126	Nill	Nill	Nill	126	Nill
Others(s pecify)	Nill	Nill	1	30000	1	30000
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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
Prasanth S. Pai	Introduction to Company Law	Google Drive	08/07/2019
Manju V	Modern optics	Google class room	25/03/2020
Damu Chandran C	Investment Management	Google class room	11/06/2019
Dr.Sreekanth J.Varma	Mathematical Methods in Physics	Youtube	27/04/2020
Dr. Bindu Nair	Methodology and Perspectives Of the Humanities	Telegram	22/05/2020
Devi S	BA English (2018-21) 5th Semester	Google Classroom	15/07/2019
Prasanth S. Pai	Container Accounts	Google Drive	01/06/2019
Priya R	Blackmoney Act	googleclassroom	17/12/2019
Manju V	Nuclear Physics	Google Classroom	17/03/2020
Damu Chandran C	Business Mathematics	Google Classroom	20/04/2020
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	158	1	0	0	0	0	13	2	0
Added	0	0	0	0	0	0	0	8	0
Total	158	1	0	0	0	0	13	10	0

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

10 MBPS/ GBPS

4.3.3 – Facility for e-content

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

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
26.75	26.75	10	8.33

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)

Our college is completing 75 years of service and has well-established systems and procedures for maintaining and utilizing physical, academic and support facilities. Infrastructure is a vital part in the smooth functioning of any college. The College management has appointed a liaison officer for understanding the infrastructure requirements of the college and for rectification of any glitches in the existing infrastructure on a regular basis. Round-the-clock security personnel ensures the safety and security of the college premises and various infrastructure. The 24 hour surveillance of the campus using CCTV is ensured by the management. The power requirements of the college are met by a fully functional Kerala solar system, wherein excess power generated in the campus is given to Kerala State Electricity Board. The proper and optimal use of electric lights/fans/projectors etc. is ensured. A full time electrician and a computer technician has been appointed by the management for the rectification of any complaints at the institutional level. The college has a fully functional co-operative society where in all subject books required for the students, stationery and photocopying facility are available. A pure vegetarian canteen facility is available within the campus for students and staff of the college. Sufficient cleaning/support staff are appointed for the upkeep of classrooms/seminar halls/rest rooms. Every year during the month of April and May, service of carpenters' are ensured for the maintenance of the furniture in class room and other areas within the campus.. The routine activities of the library are managed by the Librarian with the help of library assistants. The library is fully automated. All technical activities, catalogue and circulation are automated. The college has playgrounds which are utilised by staff and students to the maximum. The playgrounds, gymnasium and sports

infrastructure are under the custody and monitoring of the faculty and coaches of the Physical Education Department and they strictly ensure that the same are properly maintained by students/staff. All computer labs are available to staff and students and they are fully occupied. Repair/ upgradation/ purchase of hardware/software are also taken care of by the computer technician. The internet/intranet/LAN facilities are also fully functional and are properly maintained and monitored by Librarian and the computer technician. Stationery requirements of the various departments are taken care by the centralized purchasing system in the administrative office. The college publishes annual calendar for students and staff where in all the facilities available in the campus are introduced. The various clubs and associations functioning in the college are detailed in the calendar for the use of students.

<http://sdcollege.in/facilities.html>

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	SWASTI	11	81164
Financial Support from Other Sources			
a) National	E-GRANTZ	1040	9700075
b) International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remedial Coaching	10/06/2019	497	NIL
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Skills Training - Communication	50	Nil	15	Nil
2019	Competitive Examination training - Bank Coaching	65	Nil	0	Nil
2019	Competitive	38	Nil	4	Nil

	Examination training - UGC - NET/JRF				
2020	Competitive Examination training - UGC - NET/JRF	59	Nil	7	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
9	9	15

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
DISHA (Mini Job Fair)	1813	129	Nil	Nil	Nil
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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	1	MSc Botany	Botany	LAW ACADEMY, TRIVANDRUM	L.L.B.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	13
SET	2
SLET	1
Any Other	1
Any Other	1
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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
Football Match (Prof. N.V Naidu Memorial)	College	76
Discus throw men	College	22
Medley Relay (Men)	College	36
60 meter Dash	College	20
Long Jump (Men)	College	22
Long Jump (Women)	College	18
Shot Put woman	College	16
Shot put Men	College	18
Annual Sports Day Inauguration	College	1050
Merit day	College	200
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	World University Power lifting Championship -47 Kg	Internat ional	1	Nill	Nill	Aneeta Joseph
2019	Senior Power Lifting	National	1	Nill	Nill	Aneetta Joseph
2019	Junior Power Lifting	National	1	Nill	Nill	Aneetta Joseph
2019	Senior Rowingn Classic Po werlifting Championsh ip- 74Kg Junior	National	1	Nill	Nill	Arya P S
2019	Junior Power Lifting	National	1	Nill	Nill	Ananthak rishna K S
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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)

Sanatana Dharma College, a leading higher education, financially aided by the Government of Kerala is affiliated to the University of Kerala. The college

complies particularly with the rules and regulations of the University for the Admission of students and Academic and Administrative functioning. The College also adheres with the guidelines of the Government of Kerala for matters of general significance and those concerning the institution. The College believes in a student-friendly atmosphere wherein every student is considered unique with different perspectives. The teaching - learning process takes place taking into consideration the aptitude and distinctiveness of students. Regular friendly feedbacks are taken by the teachers in order to emend and align the classes for ensuring dynamic results and productive outcomes. Students play an active role in the decision - making process of the college and the various activities undertaken centered on the development of the learners. The gender - equal student representation is a prime component in the administration and functioning of various Clubs and Forums. The college holds student elections for many posts, on the date fixed by the University. The teachers and the students take special care that democracy is at the pinnacle through the entire process of election, electioneering and voting. The candidature is sanctioned to the students by considering the stipulations prescribed by the University and their discipline and merit. The student unions contest for the post of Chairman, Vice-Chairman, University Union Council (2), Lady Representatives (2), Sports Secretary, Arts Club, Magazine Editor, First, Second and Third Year Representatives, P.G. Representative and Department Association Secretary (for each department). Students participate in the curricular, co-curricular, extra-curricular activities and social services. The student representatives of each department besides giving leading the way for their peers, they voice their concerns and grievances and diplomatically initiate action to redress them. Lady Representatives work proactively to address the issues of girl students. In collaboration with the Women's Cell, they conduct programmes for the empowerment of girls and guiding them to realize their vision. The Students Union, assisted by the teachers, holds Arts, Sports and Cultural programmes to display the talent and flair of the students. The best performing students are identified, encouraged and trained to participate in the International, National, State, Inter-University, University and Regional level competitions of the Arts and Sports kind. Students play active role in designing the activities of various Clubs and Forums. Students also foray into philanthropic activities with and without the assistance of the teachers. They also collaborate with Clubs and Forums like the NCC and NSS which are oriented towards community services, thereby extending the scale of their support and aid. The student associations of the college go a long way in building interactions and obligations towards the institution and society at large. The college holds student elections for many posts, on the date fixed by the University. The teachers and the students take special care that democracy is at the pinnacle through the entire process of election, electioneering and voting. The candidature is

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Sanatana Dharma College has a registered Alumni Association since 1986. "Sanathana Dharma College Alumni Association" (SDCAA), which was formed and registered in the year 2016, succeeded the previous "S.D. College Old Students' Association". The registration number of the Association is ALP/TC/142/2016. There are 11 alumni associations at departmental level (one for each teaching departments) and 1 each for National Cadets Corp (NCC) and National Service Scheme (NSS). Sanathana Dharma College Alumni Association (SDCAA) is the supreme body under which the different associations function. However, the associations function in a de-centralized manner working commonly for the upliftment of students and welfare of the society. SDCAA has a President,

Secretary and other Office Bearers. SDCAA and the subsidiary alumni associations hold meetings to discuss, and plan activities intended for the amelioration of the college and society. The constitution of endowments and scholarships by various associations for the students is a classic example of the commitment the former places towards education and progress. The associations undertook some activities for the year 2019-20. The Mighty Commerce Alumni Association, held the Mega Meet for the year During the year, the association completed its 'flagship' charity project of constructing a house to a differently - abled student of the department. Snehavedu, as the name of the house, was gifted to his family with all the necessary facilities in the presence of students of the college. The Economic Old Students' Association (E.O.S.A.), another vibrant alumni forum, held the Merit Day Celebrations for the year with invited lectures from people of high repute for the benefit of the students aspiring to go for higher studies. The Physics Alumni Association (P.A.A.) was very instrumental in the enhancing the research capabilities of the department. The Association held a programme wherein they donated office recliners to be used by the department and research centre. The alumni of National Service Scheme (NSS) conducted Aswathy Memorial Quiz Competition for the year for school students. The National Cadets Corp (N.C.C.) of the college, initiated by its alumni, conducted the 'S.D.C. Warriors' Conclave'. All the former cadets from the 1960s, who served in the army even to the level of Commissioned Officers, took part in the event. It was an enriching programme for the cadets, wherein they could listen to the experiences of their seniors. Each and every Department along with the N.C.C. and N.S.S. strive best to collaborate with their respective alumni associations for the betterment of students and the community.

5.4.2 – No. of enrolled Alumni:

215

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

26500

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Associations of the college held several programmes aimed towards the betterment of the college and society. A total of 11 meetings (including executive meetings) were held for discussing the affairs and for assessing the progress pertaining to the objectives of each association. The Mega Meet of Mighty Commerce (Alumni association of Commerce Department) was held with much pomp and show. The successful completion of the 'Snehavedu' project was acknowledged and the association congratulated the team behind this arduous initiative. The Economic Old Students' Association (E.O.S.A.) held the Merit Day Celebrations for the year, on 25th October 2019 with Dr. Binitha Thampi, Faculty of I.I.T., Chennai as the Chief Guest and Resource Person. She lectured on 'Development - A Rethinking'. This was followed by two more lectures - First, on 'N.P.A. and Banking Sector' by Sri. V. Kesava Pillai, A.G.M. of Dena Bank on 9th January 2020 Second, on 'Entrepreneurship' by Sri. U. Ajith Kumar, Deputy Registrar (Retired), Department of Commerce Industries which was held on the 10th of January 2020. On 11th January 2020, Annual General Meet of Economic Old Students' Association (E.O.S.A.) was held. Physics Alumni Association (P.A.A.) donated office recliners and chairs for the research centre of Physics Department. The alumni of National Service Scheme (NSS) conducted Aswathy Memorial Quiz Competition for the year for school students in the month of September 2019. The National Cadets Corp (N.C.C.) of the college, initiated by its alumni, conducted the 'S.D.C. Warriors' Conclave' which had the representative participation of almost all the years from 1960.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The decentralized and participative mechanism followed by the institution is evident from the combined efforts of several governing bodies and working committees in the smooth running of the college. Being an Aided college, the Management committee plays a crucial role in the appointment of staff and in providing infrastructural and financial assistance to the institution. The Management committee ensures the participation of all stakeholders in the processes of decision making. It corresponds regularly with the Principal, IQAC and the Heads of various departments with regard to development initiatives including infrastructure enhancement, campus maintenance and the appointment of guest faculty. During the appointment of permanent faculty members, the Management committee works with the IQAC to scrutinize applications and prepare lists of eligible candidates. The Committee is prompt in addressing the needs and concerns of the institution. The Principal ensures decentralization in the college by delegating responsibilities to the College Council, IQAC, CLMC and other governing bodies of the institution. The College Council headed by the Principal is the prime governing body in the institution, where all decisions are made and approved. Apart from the Heads of all departments, there are three elected members in the council. The CLMC (College Level Monitoring Committee) is responsible for the smooth conduct of internal evaluation and the timely submission of marks to the University. The IQAC gives the necessary back support to the governing system by ensuring and promoting quality initiatives in the college. IQAC takes a lead in the participation of the institution in assessment procedures by NAAC, ARIA, AISHE, Unnati Bharat Abhiyan etc. Apart from the CLMC and IQAC, several other statutory as well as non-statutory bodies are in place, coordinated by staff members of the college. The PTA, Admission Committee, Grievance Redressal Cell, Anti-Ragging Cell, Anti-Sexual Harassment Cell, Discipline Committee etc. play a crucial role in the smooth functioning of the institution. All these bodies work hand in hand under the leadership of the Principal. The involvement of all staff and students in the decision making process is ensured at various levels. All Staff meetings, addressed by the Management committee and the Principal, are conducted on a regular basis to discuss matters of importance. Student representation in the governing process is ensured through the Student Union which brings up the concerns and issues of students. Department level governance happens under the leadership of the HOD who works in association with the DIQAC (Department Internal Quality Assurance Cell) and DLMC (Department Level Monitoring Committee). Class tutors play an important role in addressing the concerns of students. Student representatives from all classes interact with the Department regarding their needs, grievances and concerns. Hence, decentralization and participative management is ensured at all levels in the 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
Research and Development	The institution has seven research departments. They offer state of the art facilities for reference and laboratory work. Seminars/conferences

are coordinated/attended by both faculty and students to acquaint themselves with the recent developments in their areas of research. With the aim of promoting a research culture, students are given opportunities to undertake projects in collaboration with other research institutions. Faculty members are encouraged to apply for patents, research projects etc. Research papers are published on a regular basis by students as well as faculty. In this year Department of Physics has been an approved as research center by University of Kerala

Examination and Evaluation

A combination of summative and formative evaluation ensures that student achievement is gauged and recorded accurately. The End Semester Assessment (ESA) conducted by the University constitutes summative evaluation. End Semester Exams are conducted in the college under the leadership of the Principal and Chief Superintendent of Examinations. All faculty members take up invigilation duty. Formative (internal) evaluation is carried out effectively by faculty members based on student attendance, punctuality, participation in classroom interactions, submission of assignments, seminar presentations and scores in test papers. Practical examinations and viva voces are also part of the comprehensive evaluation system.

Teaching and Learning

Effective measures for student-centred learning have been adopted in the institution. Student involvement in the teaching-learning process is ensured through seminar presentations, projects, discussions etc. Field trips and visits to research institutions have been conducted to promote experiential learning. Value addition to the teaching-learning process is ensured through invited lectures, training programmes etc. Maximum number of students are enrolled in programmes like Walk With the Scholar. Remedial classes, tutorials and Scholar Support Programme (SSP) are utilized to support weak students. Maximum participation of students in Young Innovators' Programme (YIP) meant for student startups has promoted innovative thinking.

Curriculum Development

As an affiliated college, the

institution adheres to the curriculum prescribed by the University. Though the college has no direct role in the curriculum development, the concerns and problems faced by the students as well as faculty are represented to the University through the faculty members who are a part of the University Senate, Academic Council and Board of studies. The faculty members attend syllabus revision workshops through which the difficulties faced in a curriculum can be studied and represented to the corresponding authorities. Feedback on curriculum is collected from various stakeholders and the observations passed on to the University Board of Studies through faculty members.

Library, ICT and Physical Infrastructure / Instrumentation

A well- equipped library with excellent internet facility is available on the campus. Nearly 60000 books and periodicals covering different streams are available here. There is facility to access e-books, e-journals etc. using INFLIBNET and other sources. Faculty members have developed e-content and shared through MOODLE, youtube etc. Power point presentations and other ICT tools are used on a regular basis by faculty and students. Laboratory equipments are purchased every year using Governmnet as well as Management sponsored funds, whereby well-equipped labs with good computational facilities are maintained. Special attention is taken to maintain a clean and green campus.

Human Resource Management

Entry into service as faculty or administrative staff is through a recruitment procedure undertaken by the Management Committee as per the rules of the University and the Government. Ample support is offered to fresh recruits by the College Council, IQAC and the administrative staff. Faculty members are made to attend Orientation/Induction programmes organized by UGC - HRDCs for enhancing their skills. Regular staff meetings are organized to address the concerns of staff members. The Staff Club fosters healthy relations among staff members. A registered cooperative society set up by the staff members is a source of financial support.

Industry Interaction / Collaboration

Industry Interaction/Collaboration:

Industrial interaction is given prime importance at the institution. Industrial visits and internships are undertaken by various departments. Visits to industrial centres like Coir Board are undertaken by the Dept. of Chemistry. The Department of Commerce promotes student internships at industrial units including banks (Alappuzha District Cooperative Bank etc.), financial firms like KSFE, manufacturing units like Sakthi Foods (Haripad) and marketing units like S.D.Pharmacy and Coirfed. Visits to industry related research centres like Sugar Cane Breeding Research Institute (Coimbatore), Central Plantation Crop Research Institute (Kayamkulam) etc. have been made by the Dept. of Botany.

Admission of Students

Admission of Students: Admission of students to Undergraduate and Postgraduate courses is conducted through the Single Window system of the University of Kerala. The admission committee which is in charge of the admissions, takes extreme care to see that reservations norms are strictly adhered to. Admission to Management seats is also done on the basis of merit. At the time of admission, students are offered guidance on the various grants and scholarships available. They are encouraged to avail e-grants and scholarships like KPCR and Indira Gandhi Single Girl Child Scholarship. Research students are admitted as per the University norms and procedures.

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

E-governance area	Details
Administration	The administration is partially automated. The office maintains an updated databank of students and faculty. Course conduct certificate, Transfer Certificate etc. are issued to students based on their details in the electronic repository. Applications for student e-grants and other Government sponsored schemes are submitted online.
Student Admission and Support	Admission procedure is strictly as per University norms and is conducted using the Single Window System of the University of Kerala. Once admitted, students are enrolled to the University of Kerala in the online mode. Approval of the Government sponsored education

grants of students is given through e-grants portal. Students are able to avail the facility of a fully automated library where issue and return of books is done using the barcode system. E-catalogue of the library, accessible through mobile phones and laptops, helps students in the hassle-free borrowal of books.

Finance and Accounts

Salary and other perks of the staff are claimed through bill generation on SPARK (Service and Payroll Administrative Repository for Kerala).

Examination

Being an affiliated institution, we abide by the rules and regulations of the University in the conduct of exams. Registration of students for examinations is done online from the college. Hall tickets are downloaded from the university website. The details of student attendance and other required information are uploaded to the University website on each day of exam. Question papers for postgraduate examinations are received in online mode. Internal Evaluation scores of students are uploaded to the University website in each semester. Marks are uploaded from the Teacher level and are later subjected to verification at HOD and Principal levels.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Workshop Series on Research Methodology	NIL	13/07/2019	13/07/2019	39	Nil

	1					
2019	RESEARCH METHODOLOGY WORKSHOP	NIL	18/07/2019	18/07/2019	22	Nil
2019	ONE DAY WORKSHOP ON RESEARCH METHODOLOGY - II	NIL	12/10/2019	12/10/2019	30	Nil
2019	Workshop Series on Research Methodology - 3	NIL	16/11/2019	16/11/2019	36	Nil
2020	Workshop series in Research Methodology - IV	NIL	04/01/2020	04/01/2020	28	Nil
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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
UGC-Sponsored Orientation Programme	1	16/10/2019	05/11/2019	21
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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	36	0	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
SWASTI AND ACCIDENT INSURANCE SCHEME BY GOVERNMENT	SWASTI AND ACCIDENT INSURANCE SCHEME BY GOVERNMENT	SWASTI AND STUDENT INSURANCE SCHEME OF UNIVERSITY OF KERALA

6.4 – Financial Management and Resource Mobilization

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

The office undergoes external audit every year. Audits are done by the Office of Deputy Director of Collegiate Education and Office of Accounts and Auditor General of Kerala. Accounts of Central Government Schemes like NCC, NSS are carried out through PFMS. All funds provided by the management of the college are duly audited by a team of internal auditors as well as external auditors

constituted by the management.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Management	10193131	Various academic, administrative, infrastructure and other running expenses
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

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

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

1. PTA Provides financial support for the conduct of seminars, club activities etc. organised by the faculty and students. 2. PTA provided financial support for the induction programme for first year students and soft skill and preplacement training for Degree final year students. 3. Financial support for guest faculty in various departments where government financial support is not available. 4. Maintenance of drinking water facility to all staff and students of the college. 5. Funding provided for participants of our college for University Youth Festival .
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6.5.3 – Development programmes for support staff (at least three)

NIL

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

As part of upgrading the office, a complete renovation of office space as well as modern filing infrastructure was done. Digital connectivity was enhanced from 2 MBPS to 10 MBPS leased line connectivity. Department of Physics was upgraded to Research department. Completion of CCTV surveillance system at the campus. Research methodology workshops for inculcating research orientation to faculty and scholars.

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
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2020	Training on PFMS	07/02/2020	07/02/2020	07/02/2020	30
2019	Coordinators Meet	04/09/2019	04/09/2019	04/09/2019	17
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women self-defense technique training	28/08/2019	28/08/2019	39	Nill
Basic training and self defense	02/09/2019	02/09/2019	32	Nill
Transgender sensitisation Programme	05/12/2019	05/12/2019	50	15
Women contingent (Independence day Parade)	15/08/2019	15/08/2019	35	Nill
Women contingent (Republic day Parade)	26/01/2020	26/01/2020	35	Nill

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>The college campus maintains greenery in the forefront by planting medicinal and other leafy plants thus provides a dense green and sustainable campus. Bhoomitrasena club of the college (BMC-185/ALP/18/12) has conducted several activities which helps a lot to inculcate environmental consciousness among students and staff. An invited talk by Mr S Balasankar, Section forest officer, Thiruvananthapuram a true environmentalist and assistant editor of the magazine 'Aranyakam' was held on 20.11.2019 on the topic forest and wild life. The talk was really an eye opener for the audience about certain human activities which are against for wild life. World soil day was observed on 5.12.2019 as a part of the club activity of Bhoomitrasena. The day was marked by the presentation of first Bhoomitrasena award to the chief guest Mr. Suresh. V. Kannuvallil who is an agriculturist and also a retired staff of S D College. This award is constituted by Bhoomitrasena unit of SD College and Dept. of Botany of S D College to recognize citizens who have contributed to the conservation of rare species of plants and are contributing to the floral diversity by growing diverse plants within their limitations. As the part of World wetland day (02.02.2020) an expertise speech was organized by Bhoomitra Sena club</p>

on 11.02.2020. The speaker of the programme was Mr. Jojo T D, an environment and development professional and the project coordinator ATREE (Ashoka Trust for Research in Ecology and the Environment). The theme of his speech was Wetlands on Climate Change and explained the various aspects of protecting Vembanad Lake. Tree sapling and plantation was done on Environment day (June 5th). Harnessing of solar energy is the major step taken up by the college to find alternate energy source. The college has a solar power generating system of 40KW. In corridors and other common places solar lamps are used. 48 percentage of power requirement is met with the solar energy. Kitchen waste from ladies hostel is recycled to generate bio gas and used for cooking in the hostel. Rain water harvesting with a capacity of 50000L is established in the northern side of the campus and the collected water is partially used for gent's toilet. Two-day study trip to Nelliampathy and Parambikulam Tiger Reserve was carried out by Eco Club during 09.12.2019 and 10.12.2019 to develop environmental consciousness among students. To prevent the transmission loss of energy checking and re-electrical wiring is done periodically.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	No	Nil
Ramp/Rails	Yes	4
Braille Software/facilities	No	Nil
Rest Rooms	Yes	1
Scribes for examination	Yes	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	Nil	27/07/2019	1	Assam Flood Collection	Helping the victims of flood	9
2019	Nil	1	20/08/2019	1	Collection center activity in relation to Flood	Helping the authority in flood relief activities	14

2019	Nill	3	01/08/2019	15	Swatcha tha pakvada(pledge plastic collection campus cleaning)	Cleaning the campus	37
2019	1	Nill	02/10/2019	1	Cleaning programme Cleaning Drive(Oct 2)	Cleaning the campus and nearby locality	507
2020	Nill	1	13/02/2020	1	CANALPY	Cancer Awareness programme	30
2019	Nill	5	23/11/2019	187	Mahashuchithayaknjam Mahashuchithayaknjam-s wagathasan karoopikaranam Mahashuchithayaknjam Parisarashuchekaranam Disinfection of exam hall	Cleaning of campus and disinfection of examination hall	191
2019	Nill	6	23/11/2019	187	Swatcha tha pakhwatha programme Swatcha tha pakhwatha handkerchief awareness program. Swatcha tha pakhwatha college campus cleaning programme . Swatcha tha pakhwatha plastic c	Cleaning of campus and disinfection of examination hall	340

					collection and recycling contribution program. Swatchath a pakhwatha Awareness		
2019	2	Nill	15/08/2019	1	Emergency Response And Survival Application: Volunteers training on disaster management by SD College NSS Unit and Grey Aiders	Nill	204
2019	Nill	1	21/08/2019	Nill	Construction of Sandbags on Kuttanad Regions on Bund Reformation part of Rebuild Kerala.	Helping the local community	25
2019	Nill	1	17/07/2019	240	Annam Sanathanam	Food distribution to the local community	1784

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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)
Calendar for students and Staff	01/06/2019	The college calendar gives the students the information about the various subjects, clubs and various student support services available within the campus. A directory of teachers and their

contact details are also made available through the calendar. Every year the calendar is revised and published in the month of July, prior to admissions of new batch of UG and PG courses

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Annam Sanathanam	17/07/2019	15/03/2020	1784
Anti-drug poster making Competition	20/12/2019	20/12/2019	7
International Yoga Day Celebrations	21/06/2019	21/06/2019	147
Reading day and library donation	19/06/2019	19/06/2019	18
Vimukthi/Bike Rally	28/01/2020	28/01/2020	43
Vimukthi Street play	31/01/2020	31/01/2020	20
Run for safe childhood	20/11/2019	20/11/2019	35
Aids day rally	01/12/2019	01/12/2019	60
Poster making competition on anti- drug alcohol abuse(vimukthi)	20/12/2020	20/12/2020	59
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Initiative 1 Encouragement for online submission of assignments Students are directed to submit their assignments through online platform such as google class rooms and whatsapp to minimize the use of paper and thus reduce the paper waste in the campus. Instructions from the college office to the departments and to the faculties are also encouraged through online media like whatsapp. Initiative 2 Cultivation of solar energy Power consumption through solar cell is a major ecofriendly practice adopted by the college. About 48 of the total consumption is met through this ecofriendly power generation method. Initiative 3 Setting up of a medicinal plant garden National Medicinal Plant Board funded project implemented in front of College. It is properly maintained by students and staff of Botany department. Plantation of tree sapling is a regular practice observed by the college to keep the campus greenery. Initiative 4 Recycling of waste materials Members of different clubs such as eccoclub, NSS and NCC volunteers regularly collect waste materials such as plastics, used and thrown away plastic pen, used papers etc. Many of these are converted to some useful products like paper pen and bags. Special methods and recycling of chemicals is practiced in various science labs to minimize the use of chemicals. Initiative 5 Maintenance of electrical appliance's to minimize the power loss. Periodical checking and maintenance of electrical appliances like computers, and instruments in laboratories are conducted to maintain the

efficiency and to minimize the power loss.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I 1. Title of the Practice "SHRISTI " - WONDERS FROM THE DISCARDED (Setting up Habitat to Rebuild by Innovation, Skill and Talent with Initiators) 2. Objectives of the Practice Shristi is a venture by the Entrepreneurship Development Club of S. D. College(registered under District Industries Center). The objective of the launching "SHRISTI" is Setting up Habitat to Rebuild by Innovation Skill and Talent with Initiators • Promoting students to be creative initiators. • Empowering students with design thinking, collaborative and creative problem solving and leadership skills. • Creating a strong pool of role models to identify, assess and track innovations happening everywhere • Selecting promising initiators to work in real environment to enhance their managerial skills and to connect them with investors. 3. The Context The District Industry Center under Directorate of Industries and Commerce is an apex body to inculcate entrepreneurship ideals in society with schemes for training and funding. They offer a subsidy loan scheme for young professionals through the Ministry of Social Justice and Empowerment. Established in 1978, District Industries Centers' program was initiated by central government to promote Small Scale Industries (SSIs) in smaller towns. DICs are managed and operated at district level to provide necessary support to entrepreneurs or first time business owners to start their own Micro Small and Medium Enterprises . DIC, Govt. of Kerala formulated a scheme to set up Entrepreneurship Development Clubs in schools and colleges to inculcate Entrepreneurial Culture amongst the youth. The objectives of ED Club are to inculcate entrepreneurship qualities, to sensitize industrial scenario of the state, to nurture the latent entrepreneurial talent and so on.The Entrepreneurship Development Club of the Sanatana Dharma College is registered with District Industries Center, Alappuzha since 2013. The Club nurtures in student members, entrepreneurship skills, by organizing events like Food Fiesta, talk with entrepreneurs, regular student meetings, training etc. Shristi develops new designs with scraps and discarded material. The initial stage started off with the eco-friendly project of recycling cloth and paper. 4. The Practice ED Club equips the student members with skills that make them future entrepreneurs and job providers. The concept of recycling adds to socially responsible entrepreneurship. Initially cloth and paper from unused books/records were recycled. Cloth Recycling Cloth recycling involves recovering old clothing for sorting and processing. End products include clothing suitable for reuse, cloth scraps or rags as well as fibrous material. Collection Leftover clothes were collected from nearby tailoring shops. A team was involved in choosing the collection centers and maintaining rapport with them. The next step is sorting. Sorting Clothes Collected clothes are classified into three groups: reusable, rags, and fiber. Items are sorted in terms of color and material. By segregating colors, the need for re-dyeing can be eliminated. Then the clothing is torn into sloppy fibers and is combined with other fibers, conditional on the planned end use of the recycled fiber. This manual sorting process requires expertise in identifying various types of material. Processing The sorted clothes are made into beautiful products like pouches, purses, key chain, toys, jewelry etc. The club owns two sewing machines. Shristi was launched in October during Food Fiesta 19 and was a huge success II.Paper Recycling Unused paper from students' assignment books/ records etc are converted to notepads and paper pens(that are used in seminar sessions and workshops.) ED Club initiated the digital marketing with its instagram page and whatsapp. The recycled products were put on sale on February 2020. 5. Evidence of Success • Great student participation was witnessed • The brainstorming sessions were highly fruitful • Excellent reception and sale

orders made the team confident 6. Problems Encountered and Resources Required • Selection of innovative idea under the given focal themes was a challenge • Finding financial support for ideas that require R D. • Lack of vocational training. • Finding working hours for developing the idea in regular academic days. • Pandemic situation is a main constraint in the present scenario. 7. Future plans • Involve students from other departments for operational expansion. • Inculcate Self-help Group among student community to give them feeling of oneness • Get support from famous designers to train the members involved. Best Practice II 1. Title of the Practice YOUNG INNOVATORS PROGRAMME (YIP)- A Search for Young Talents 2. Objectives of the Practice The objectives of YIP that was launched in association with the Kerala Development Innovation Strategy Council, Govt. of Kerala are, • To promote innovative research • To empower the youth with design thinking, collaborative, collective and creative problem solving and leadership skills. • To mentor young innovators and build a strong pool of mentors to identify, assess and track innovations. • Providing young innovators necessary academic domain as well as psycho-social support through mentoring • Selecting promising innovators to collaborate with research institutions, industries, funding agencies etc (with scholarship and follow up of work) 3. The Context Kerala Development and Innovation Strategy Council (K-DISC) is a strategic advisory body of the Kerala Govt. to bring out innovative plans to foster innovations in the State. Young innovators programme (YIP) is a specially designed flagship programme under K-DISC in this direction. Sanatana Dharma College, one of the premier educational institutions in Alappuzha district catering to the holistic development of students and researchers joined YIP 2019 by selecting mentors and idea initiators in different themes provided by K-DISC. 4. The Practice K-DISC provided the following 8 major themes for developing technologies and systems for the YIP 2019 Star Challenge for students from registered designated institutes. 1. To support disabled persons including the aged. 2. Business Model Innovations in Application and Practice : Ideas / Innovations in cost-effectiveness in areas of revenue generation, customer acquisition, operating processes etc 3. Solid, Liquid and Hazardous Waste Management to address issues related to waste management 4. For value addition, productivity enhancement and drudgery reduction in Agriculture, Dairy, Animal Husbandry and Fisheries to resolve hindrances and to improve veterinary care, access to affordable quality feed and fodder. 5. For Water Conservation, Energy Conservation, E- Mobility etc by developing both non-conventional and traditional water conservation methods, focusing on recycling of grey water, septage processing and desalination . 6. For value addition productivity enhancement in Traditional Industries (Cair, Cashew, Coconut etc). 7. To develop Modern Medicine, Biomedical and Medical Devices Technology to tackle physical and mental health issues. 8. To focus on innovations for integrating modern traditional medicines to provide holistic and affordable health care to all. To participate in YIP Sanatana Dharma College, Alappuzha registered as premium institution with id: 12391. Dr .Rakesh Chandran S B, Asst. Professor of Physics and Dr. Jose Mathew, Asst Professor of Botany were selected as YIP facilitators. Dr. Rakesh Chandran was selected as Nodal coordinator of the 3 year programme. YIP committee headed by Dr.P.S.Parameswaran, Associate Professor of Chemistry was constituted with the Principal as the Advisor and members from various departments as mentors to the students. A Budget Committee headed by Dr. V. R. Prabhakaran Nair, Asst. Professor of Economics. was constituted to manage the finances and expenditure . Mentors from technical committee were allocated to each group of 2-5 students to provide them guidance. Mock presentations of students were evaluated by the technical committee. Final college level presentation- YIP Fest was conducted on 1.11.2019 at Zoology Smart Class Room. The Principal, Dr. P.R. Unnikrishna Pillai inaugurated the event. Students from nearby schools also participated. 9 teams were selected from the college to participate in the YIP Challenge 2019-2022. District level evaluation was done by K-DISC. 5 out of 9 teams from

SDC were selected for YIP State level challenge. They are, Group no. Group leader Idea Mentor 1. Anoop Kumar V Utilization of water Hyacinth Dr.G.NagendraPrabhu 2. Anandhu T.P Chemical waste disposal/recycling Dr.SreekanthJ Varma 3. Nanditha Jayachandran Scientific management of e-waste Damu Chandran C 4. Abhishek R Nath Plastic recycling 3D Printer Dr.P.S.Parameswaran 5. Seba Syam Chitosan replacing formalin Dr.Jeba Malar At the State Level 2 teams from SDC (total 5 teams from the Alappuzha district) were selected. Proper industrial training and financial assistance, special window of mentoring, scholarships, grants and specialized nurturing were provided by K-DISC to the winners (Groups 1 5) 5. Evidence of Success • Evincing a great deal of interest among students from various disciplines. • 9 teams each of 2 students came up with innovations in various focal themes provided by K-DISC at district level. • 5 teams from SDC were selected for state level evaluation, of which 2 were selected for mentoring and funding under YIP 2019. • An exclusive Technology Business Incubation Centre was established in the College campus to promote new start ups. 6. Problems Encountered and Resources Required • Selection of innovative idea under the given focal themes was a challenge • Finding financial support for ideas that require R D. • Lack of training to mentors and ideators. • Finding working hours to develop ideas in regular academic days. • Clash with regular academic activities.

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

<http://sdcollege.in/institutional-best-practices.html>

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 vision of the college is to educate and empower the youth. With this vision various courses including arts and science subjects are offered to the students. Other than academic excellence students are promoted in co-curricular activities. For this several clubs and forums are constituted each of these are working under a club coordinator (a faculty member) and a student coordinator. Programmes are executed by these clubs in a regular way. Each student can be a member of any of these clubs according to his/her choice. Several committees also formulated to look after the well-being of the students and cater to their needs. The mentoring system is partially initiated as each class of students comes under the guidance of a tutor. Each tutor can monitor the overall performance of the students of that class. Student union a governing body for students' activity in the campus is being elected in a parliamentary way. Each student with good academic achievement gives opportunity to be elected as a member of the union. Arts and cultural programmes are being organized by the college union with the support of a selected teacher as staff advisor. E-learning facility is being established in a partial way and students are being encouraged to do seminar presentation through Google class room and other e-learning facility. Social responsibility is one of the thrust areas where enormous contribution is being done by the college. NSS and NCC volunteers conduct a number of social activity such as participation in flood relief activities, STAR, covid-19 related activities. 'Swasthy' an exclusive organization of S D College have been taking part in number social welfare activities. Donation of food packets to the needy is being done through the best practice Annam Sanathanam. Members of Ecco-club and Bhoomitrasena through their activities imbibe strong environmental awareness and keep the campus free from plastic wastes. Every year tree plantation is being done which helps to make the campus greenery. Every year new books are purchased to the library and made to know about the new arrival to the students. Awareness programme about infliibnet and web browsing is being given to the PG students by college

librarian.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

• In view of COVID 19 pandemic and restrictions on travel and offline classes, IQAC decided to select suitable online platforms for teaching. Teachers are provided with adequate training to handle online platforms. Take steps for ensuring internet connectivity. • Follow up on a dedicated G-Suite package for the college. • Implementation of MIS for compiling activities of students and staff. • Collect data of various activities through Google forms. • Constitution of a committee for the up-gradation of college website. • To encourage departments/clubs/forums to organise webinars series in this pandemic time. • Explore possibilities for establishing e-content development facilities and YouTube channels for the college/departments. • Develop protocols for the conduct of offline classes, practical sessions and examinations and research activities in line with government guidelines. • Confirm the participation of staff and students in relief and community service activities in association with various govt agencies/disaster management authorities for the benefit of local communities. • Applying for new UG and PG courses. • Upgradation of remaining PG departments as Research Centres. • Encourage departments to design and offer certificate programmes. • Seek partnering institutions for entering into collaboration agreements. • Formulate guidelines for establishing TBI. • Formulate guidelines and policies for streamlining the functioning of the institution. • Prepare for submitting application/proposal for national/state schemes such as NIRF, ARIIA, DBT Star college,YIP etc • Organising Workshops for formulating a new methodology for assessment and accreditation. • Conceptualise innovative projects and schemes for the upcoming platinum jubilee year (2021-22)