



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		ST. JOHN'S COLLEGE
Name of the head of the Institution		Fr. Johnson G.
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04752273326
Mobile no.		9447333822
Registered Email		info@stjohns.ac.in
Alternate Email		iqac@stjohns.ac.in
Address		St John's College, Anchal
City/Town		Kollam
State/UT		Kerala
Pincode		691306
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Jerry C. Jacson
Phone no/Alternate Phone no.	919961218103
Mobile no.	8136806051
Registered Email	info@stjohns.ac.in
Alternate Email	iqac@stjohns.ac.in

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://stjohns.ac.in/shared-files/6692/AQAR-2017-18.pdf">https://stjohns.ac.in/shared-files/6692/AQAR-2017-18.pdf</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://stjohns.ac.in/shared-files/6693/AcademicExaminationCalendar2018-19.pdf">https://stjohns.ac.in/shared-files/6693/AcademicExaminationCalendar2018-19.pdf</a>

### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	76.15	2005	20-May-2005	19-May-2010
2	A	3.01	2015	01-May-2015	30-Apr-2015

<b>6. Date of Establishment of IQAC</b>	01-Jun-2005
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### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Introduction of courses	04-Jun-2018 1	64

Effective implementation of Star College Scheme	08-Jul-2017 1	24
Feedback Review	17-Jul-2018 1	34
<a href="#">View File</a>		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Botany, Chemistry, Physics and Zoology	Star College Scheme	Department of Biotechnology, Ministry of Science and Technology, Government of India.	2016 540	4700000
English	Certificate course on 'IT Enabled English Language Skill Development'	UGC	2015 900	700000
Botany, Chemistry, Physics, Zoology and Mathematics	FIST	DST, Ministry of Science and Technology	2018 360	92500000
<a href="#">View File</a>				

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

3

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

Initiated programmes to facilitate introduction of new courses.

Sensitised faculty on the Revised Accreditation Framework (RAF).

Provided support for organising setting up of Centralised Research Facility.

[View File](#)

**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
Introduction of new courses	Proposals were sent to various agencies requesting funding to organise value added, add on and other courses. Departments were entrusted with preparing syllabus and curricula for bridge courses.
Faculty sensitisation with regard to the Revised Assessment Framework (RAF) was initiated	A workshop was conducted on the matter, resource person was Dr. Sudheer S., Director, UGC-HRDC. Faculty then prepared documents relevant to the reaccreditation process.
Setting up a central research laboratory	The FIST fund sanctioned to the college was utilised for the purpose. Dr. Thomas Mathew, Coordinator of FIST funding was entrusted for the purpose. Assistance was provided by procuring services of an external agency.

[View File](#)

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
College Council	03-Jul-2018

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2019

Date of Submission

20-Feb-2019

<p><b>17. Does the Institution have Management Information System ?</b></p>	<p>Yes</p>
<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>1. Attendance management. • Student attendance is entered through a portal maintained in a website sjcams.in. • Details of students and faculty have been entered and stored online. • Timetables of departments and the general time table of the college can be accessed. • Attendance is marked online after each hour and can be accessed by the teacher, HoD and Principal. • Principal is the administrator and approves the attendance entered. • The hours engaged by faculty can be accessed by the administrator. • The percentage of attendance of each student can be accessed at any time and print outs can be obtained. These printed documents at the end of the academic year can be used as proof of attendance. 2. Library management • This module is used for the management of the library. • All books have been barcoded and the details can be digitally accessed. • Student details and faculty details are digitally stored and barcoded ID cards help in digital storage of information on books lended. • The digital stock register is another feature which provides transparency to book purchase and utilisation of funds on books and journals.</p>

**Part B**

**CRITERION I – CURRICULAR ASPECTS**

**1.1 – Curriculum Planning and Implementation**

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

1. St. John's College, Anchal being an affiliated college under the University of Kerala follows the curriculum designed by the University. The University through its Board of Studies brings about periodic changes and updation to the syllabus. The curriculum released to the Principal by the University is forwarded to the respective HoDs. 2. The IQAC in all its meetings review the progress of curriculum implementation and provides directions for improvement and change. At the beginning of each academic year the college council sets out the general framework to be followed in curricular implementation. 3. Departmental staff meetings discuss the nuances of curricular implementation and work division is completed based on the timetable and work load. 4. Emphasis on empiricism in science learning is an important facet of curriculum delivery in science, which is achieved through field study, institute/industrial/garden visits, project work and practical sessions. The

presence of state-of-the-art facilities for science learning procured through various funds helps the institution in effectively adapting to the needs of latest curricular design. 5. Teachers are required to prepare work plans based on outcomes expected and plan the strategies of imparting the curriculum in the most perfect manner possible. 6. Students are assigned topics for seminar presentations and in addition to this student have to complete assignments allotted to them and all these are considered for continuous evaluation. In each semester internal examinations are conducted following the exact pattern of end semester evaluation (ESE) conducted by the University. 7. Interactions with parents in each academic year and collection of feedback are helpful in evaluating and modifying the existing curriculum delivery system. Students have opportunities for interaction with experts and eminent personalities in the respective areas of learning. Invited talks, seminars, workshops and awareness programmes are conducted regularly to augment existing curriculum delivery mechanisms.

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

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
IT enabled English language skill development	NIL	01/06/2018	180	This course is relevant as it combines technology with communi cative skills. The students can get jobs in call centres, MNCs, media, advertising agencies, as flight crew, management p rofessionals and teaching. They can become trainers in soft skills, mmunication, pres	The Certificate programme focuses on developing the LSRW skills, soft skills and Computer skills of the students who belong to multifarious disciplines. Industry and market specific skill requirement with regard to areas involving co mmunication, pres

#### 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill
No file uploaded.		

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

	Certificate	Diploma Course
Number of Students	17	Nil

### 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
NIL	Nil	Nil
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Chemistry	7
BSc	Physics	1
<a href="#">View File</a>		

### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	No

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

Feedback Obtained
<p>Feedback is an important component of quality assurance and the college is involved in a comprehensive process of obtaining feedback. The feedback collection is given prominence at all levels from the IQAC to the departments. Structured feedback is received from students, parents and stakeholders. The feedback format is designed so as to cover the various aspects of curriculum, teaching learning process, curricular and extra-curricular activities, paraphernalia, personal experiences from faculty and ministerial staff, learning environment and learning resources. Feedback from teachers cover aspects of job satisfaction, work load, facilities and expectations from the management and authorities. Parent feedback is a crucial component of feedback gathering and various matters are included in the structured feedback like teaching, infrastructure, availability of opportunities, curricular expectations and realities, provisions on awareness of career options and student performance. The institution has in place a well chalked out mechanism for feedback analysis that includes collection, analysis and discussions taking place in bodies like college council, IQAC and at the management level. Action plans are made and implemented.</p>

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BCom	Commerce	71	2658	71
BSc	Zoology	39	1593	34
BSc	Physics	26	991	25
BSc	Mathematics	51	690	49
BSc	Chemistry	34	1198	30
BSc	Botany	38	1668	35
BA	Political Science	56	1594	55
BA	Malayalam	55	1973	55
BA	Economics	45	1342	43
BA	Communicative English	41	1196	41

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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
2018	1216	91	31	4	12

### 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
56	56	5	10	Nil	4

[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)

Objective The main objectives of the mentoring system are, 1. to help the students by all possible means to complete his/ her course of study with a highest score, 2. to channelize into and motivate his/ her life towards the most suitable stream of life for him/ her and 3. to promote him/ her to achieve the greatest goals, so that his/ her brighter future shall be assured and he/ she shall be shaped into the most suitable person. Mode of operation ?

Identify the ward his/ her Intelligent Quotient (I Q), Emotional Quotient (E Q), family, financial, social backgrounds etc. ? Analyse the academic progression, the student achieved so far. ? Identify his/ her aspirations in life. ? Identify all Psychological and social constraints faced by the student. ? Evaluate the potential of the student to achieve their aspirations. ? Seek the possibilities to help him/her by all possible means to accomplish the target. Implementation ? Faculty advisors of first year classes identify students who are in need of mentoring. ? The list of students is forwarded to the Principal and the Principal in consultation with HoDs allot these students to teachers assigned as mentors. ? As far as possible the teacher provides career, academic and psychological



guidance and counselling to all the students of the group and reports to the next higher authority cases, if any, that need our special care and better treatment, so that more assistance shall be extended to the student. ? The teacher has direct and regular contact with the parents / guardian of all the students, not to narrate the complaints on the students but to clarify certain facts and to discuss the progress of the ward. ? There shall be occasional group gatherings, discussions etc. ? Mutual help among the colleagues is fostered to enable social and mental development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1307	47	1 : 28

## 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
63	47	16	2	26

### 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
Nil	NIL	Nil	NIL
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	245	S5	10/01/2019	20/05/2019
BSc	235	S5	10/01/2019	20/05/2019
BSc	220	S5	10/01/2019	20/05/2019
BSc	230	S5	20/01/2019	20/05/2019
BSc	250	S5	10/01/2019	20/05/2019
BA	150	S5	10/01/2019	24/05/2019
BA	133	S5	10/01/2019	28/05/2019
BA	115	S5	10/01/2019	24/05/2019
BA	145	S5	10/01/2019	24/05/2019
BCom	159	S5	10/01/2019	16/05/2019
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### 2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

- The University has laid down the rules, orders and guidelines for Continuous Internal Evaluation (CIE) through the syndicate, senate and Board of Studies in compliance with the UGC regulations. The college ensures that all these are followed in letter and spirit, to make the process beneficial to students as

far as possible. • The faculty members have received orientation in the evaluation process through the training sessions conducted by the University. Staff meetings are convened to discuss and implement the recent changes in the evaluation process brought into effect by the University. • During the initial orientation programme conducted for the first year students the Principal and the faculty members provide adequate information to the students and their parents regarding the format of the evaluation mechanism. • Furthermore, the faculty advisors in charge of each class brief the students revealing general information regarding the internal and external evaluation process. • The continuous assessment (CA) mark awarded to a student is based on three different criteria viz., attendance, assignment and internal examination. • The college has separate committees for the Internal and University examinations. • The consolidated mark sheet duly signed by the students, the faculty advisor, HOD of the Department and forwarded by the Principal is send to the University of Kerala in both online and hard copy versions. • Both the CA mark and the end semester examination marks are taken into consideration in providing Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). • The question papers are submitted through email and the address has been provided to all faculty.

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

• The college follows the academic calendar prepared by the University of Kerala, which is published in the website of the University at the beginning of each semester. • The Principal convenes meetings of the HODs of all the departments during the beginning of every semester to discuss about the various events to be initiated. The action plan for the concerned year is prepared as per the academic calendar published by the University. • The academic calendar includes a detailed schedule of the events to be conducted and implemented within the stipulated time frame. The allotment of work to the teachers is done by the HOD. The practical sessions and field visits are duly planned and implemented. • The syllabus prescribed for the respective semester is completed within the stipulated time frame. • The periodic internal assessment examinations are conducted as per the academic calendar of the University of Kerala and the marks are recorded in the respective subject registers • The college seizes all possible endeavours and measures to complete the curriculum within stipulated time frame. Inadvertent reasons like public hartal, harsh weather, government declared holidays etc., disrupt regular classes. • It is compensated with extra classes taken by the teachers during holidays. Also, extra classes are conducted before and after the regular class hours. • The college abides by the academic calendar published by the University of Kerala. All the UG and PG courses follow the semester pattern. The college timetable and department timetables are reviewed and modified if necessary, and teaching hours are assigned to the respective teachers.

**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)

<https://stjohns.ac.in/shared-files/6686/outcome.pdf.pdf>

**2.6.2 – Pass percentage of students**

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage

245	BSc	Botany	35	21	60
235	BSc	Chemistry	28	22	78.57
220	BSc	Mathematics	38	32	84.21
230	BSc	Physics	21	10	47.62
250	BSc	Zoology	34	21	61.76
145	BA	Political Science	50	24	48
115	BA	Malayalam	44	24	54.55
133	BA	English and Communicative English	35	22	62.86
150	BA	Economics	37	22	59.46
159	BCom	Commerce	63	55	87.30
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

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

<https://stjohns.ac.in/shared-files/6697/Feedback-2018-19.pdf>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Interdisciplinary Projects	180	Department of Biotechnology, Ministry of Science and Technology	47	9

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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
NIL	NIL	

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nil	NIL

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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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NIL	NIL	NIL	NIL	NIL	Nil
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### 3.3 – Research Publications and Awards

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

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
NIL	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemistry	2	0.14
International	Physics	1	0
<a href="#">View File</a>			

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

Department	Number of Publication
Zoology	1
Physics	2
Malayalam	2
<a href="#">View File</a>	

#### 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
An influence of transition Ni <sup>2+</sup> metal ions on the optical, dielectric and magnetic properties of l-alanine cadmium chloride	Bright K. C.	OPTICAL AND QUANTUM ELECTRONICS	2018	0	St. Johns College, Anchal	Nil
Computational	Arun P. S.	Computational	2018	0	St. Johns	Nil

study of molecular electrostatic potential, docking and dynamics simulations of gallic acid derivatives as ABL inhibitors		Biology and Chemistry			College, Anchal	
An ONIOM Study of Catalytically Active Brønsted Acid Sites of ZSM-5	Arun P. S.	Asian Journal of Chemistry	2018	0.21	St. Johns College, Anchal	Nil
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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
NIL	NIL	NIL	Nil	Nil	Nil	NIL
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	8	Nil	Nil
Attended/Seminars/Workshops	Nil	Nil	4	Nil
Presented papers	1	Nil	Nil	Nil
<a href="#">View File</a>				

## 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
Blood Donation Camp	NSS/St. Josephs Mission Hospital	2	70
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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
NIL	NIL	NIL	Nil
No file uploaded.			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Environment Camp	NSS	Living with nature and learning conservation	2	200
Yoga Day	NCC	Practice of yoga and training	2	68
<a href="#">View File</a>				

### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	0
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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
Project Work	Synthesis of Titanium Oxide by the Aqueous hydrolysis of Titanium Chloride	Kerala Metals and Minerals Ltd., Kollam	01/04/2019	30/04/2019	Anju Krishnan U. P.
Project Work	Preparation and Property Study Barium Titanate Calcinated at Different Temperature	Travancore Titanium Products Ltd., Trivandrum	01/04/2019	30/04/2019	Ardra L. M.
Project Work	Comparison of Extend of Silica Coating on	Kerala Metals and Minerals Ltd., Kollam	01/04/2019	30/04/2019	Geethu Prathapan

	Titanium Dioxide Pigment				
Project Work	Synthesis of Iron Oxide from Spent Acid Used in Titanium Dioxide Production and Study on the Effect of Temperature on Iron Oxide using X-Ray Diffraction	Kerala Metals and Minerals Ltd., Kollam	01/04/2019	30/04/2019	Hanna Raju
Project Work	A Study on the Effect of Temperature and Dopants on Anatase to Rutile Phase Transformation of titanium Dioxide	Travancore Titanium Products Ltd., Trivandrum	01/04/2019	30/04/2019	Kavitha G. V.
Project Work	Thiol Functionalized Organo Clay mineral Preparation, Characterization and Fe(III) Ion Adsorption from Aqueous Solution	National Centre for Earth Sciences Studies, Trivandrum	01/04/2019	30/04/2019	Kripa K. Nair
Project Work	Synthesis and Characterisation of Lithium Titanate from Metatitanic Acid by Hydrothermal Processes	Travancore Titanium Products Ltd., Trivandrum	01/04/2019	30/04/2019	Surya S. Karun
Learning Programme	Introductory Course in Astrophysics and	KSSTM, Thiruvananthapuram	01/08/2019	31/10/2019	Sreebala P. S.

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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
NIL	Nil	NIL	Nil
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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
6.06	6.06

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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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
LIBSOFT SV4.1.	Partially	2014	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	64113	3505453	17	17319	64130	3522772
e-Books	32	5930	Nil	Nil	32	5930
Journals	34	18362	9	56000	43	74362
e-Journals	10	Nil	Nil	Nil	10	Nil



Digital Database	1	5000	Nil	Nil	1	5000
CD & Video	200	3700	7	1000	207	4700
Others (specify)	11	2940	Nil	Nil	11	2940

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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
NIL	NIL	NIL	Nil
No file uploaded.			

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	27	1	1	0	0	1	12	40	0
Added	0	0	0	0	0	4	0	0	0
Total	27	1	1	0	0	5	12	40	0

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

40 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
0.56	0.56	6.06	6.06

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

- The College Council is entrusted with the responsibility of taking necessary steps in the annual maintenance and repairing work.
- As per the recommendations of the College Council the Principal floats open tenders for the interested bidders regarding new purchases and also annual maintenance.
- The contractors supplying electronic and electrical amenities are asked to sign

an agreement as a testimony obliging for mandatory annual maintenance. • Default in contract agreement results in cancellation of the agreement. The college has also appointed a permanent qualified electrician. • Installation and maintenance of the infrastructural facilities of the college is one of the primary objectives of the college. • The maintenance of the instruments and the available equipment is done regularly. • Moreover, the college has appointed management staff to look after the cleanliness and hygiene of the college surroundings. The college has a 63-kVA generator powerful enough to cater to the whole power requirement of the institution. • The installation of the generator has permanently resolved the constant problem of power failure and voltage fluctuation. • The service of the generator in augmenting the teaching and learning process is worth mentioning. • With its implementation the students and the faculty have the freedom to engage in activities without bothering power failure. • Furthermore, the college gives prime importance to maintain a conducive, healthy and hygienic atmosphere. • Installation of five water coolers complemented with equal number of purifiers at prime locations of the institution has pragmatically resolved the grave problem of safe drinking water for the students and staff. • The college has sufficient water reservoirs for providing enough clean water to the whole staff and the students. • In addition, the five water coolers with purifiers is a boon for the college community. Out of the five coolers one unit can also supply hot water for the persons demanding the same. • Regular periodical maintenance of all the instruments is conducted in order to maintain the persistent service.

<https://stjohns.ac.in/shared-files/6685/guidelines.pdf.pdf>

## 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	Scholarship/Endowment	62	60500
Financial Support from Other Sources			
a) National	Nil	Nil	0
b) International	Nil	Nil	0
<a href="#">View File</a>			

#### 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
Literary and language skills	18/07/2018	50	UGC
<a href="#">View File</a>			

#### 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

2018	Coaching for Eligibility Tests	5	10	Nil	4
2018	NET Coaching	18	Nil	1	Nil
<a href="#">View File</a>					

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
3	3	30

## 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
NIL	Nil	Nil	NIL	Nil	Nil
No file uploaded.					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	6	BSc	Chemistry	S B College, Changanassery. St. Stephens College, Patanapuram. SN College, Kollam. Mar Thoma College, Thiruvalla.	MSc
2019	15	BCom	Commerce	Mar Ivanios College, Thiruvananthapuram. University College, Thiruvananthapuram. FMNC Kollam. NSS, Nilamel. SGC, Kottarakara. UIT, Yeroor.	MCom, MBA

				TIM, Kollam. University of Kerala. IHRD, Thiruv ananthapuram . UIT, Patha napuram.	
2019	11	BA	Economics	Govt. College, Attingal. UIM, Punalur. S N College, Varkala.. S N College, Kollam. NSS College, Pandalam. S N College, Cherthala. Christian College, Chengannur.	MA, MBA
2019	26	BSc	Mathematics	S N College, Punalur S N College, Chathannur University College, Thi ruvananthapu ram TKM Arts & Science College, Kollam St Stephen's College, Pathanapuram University College, Thi ruvananthapu ram Mar Ivanios College, Thi ruvananthapu ram	MSc, MBA
2019	9	BA	Political Science	Central University. University of Kerala. University College, Thi ruvananthapu ram. S N College, Kollam.	MA

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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	1
Any Other	4

[View File](#)

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

Activity	Level	Number of Participants
Annual Athletic Meet	College	189
Arts Competition	College	168

[View File](#)

### 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
Nil	NIL	Nil	Nil	Nil	Nil	NIL

No file uploaded.

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

• The college possesses a Students Union which is elected purely following the democratic means. • The election procedure strictly follows the Lyngdoh Commission report. • To guide the College Union a Staff Advisor has been appointed by the Principal. • The composition of the college union is as follows, Chairman, Vice-chairman, General Secretary, Arts Club Secretary, Magazine Editor, University Union Councillors (2 posts), Lady Representatives (2 posts) and Class Representatives. • The College union is entrusted with the responsibility of conducting and organizing various events/ initiatives. • The fund for the college union activities is allocated by the University and the deficit is managed by the college. • Apart from the college union, all the departments also elect an association secretary who is responsible for leading the events organized by the Department. • The following academic and administrative bodies have student representatives in them. They are: Grievance Redressal Cell, Women's Grievance Redressal Cell, Anti-Ragging Cell, Anti-Ragging Squad, IQAC, College Union, College Magazine, Organizing committees of various socio-cultural, co-curricular and extra-curricular programmes.

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

• The college has a registered alumni association- Anchal St. John's College Students Association (ASCOSA). • The association has two chapters-the UAE chapter and the Trivandrum chapter. • The UAE chapter provides financial assistance to the meritorious students with brilliant academic performance. • It is an encouragement for the students to perform their best in both the internal and University examinations. • The feedbacks received from the alumni

are received with dignity and due consideration is accorded during the implementation. • Also, all the departments also have individual Department Alumni Association. • Several of our accomplished alumni come to the college and share their ideas and success with the students giving a lot of inspiration and this is a source of immense encouragement.

5.4.2 – No. of enrolled Alumni:

6849

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

4 meeting were organised at department level

## **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)

Star College Scheme The Star College Scheme was implemented in the college under a coordinator and coordinators from departments of Botany, Chemistry, Physics and Zoology were nominated. The departmental requirements were entirely left to the faculty with each department discussing among the faculty and developing their own list of equipment based on the curriculum. Here the faculty had all the flexibility to determine innovative and modern requirements which were supervised by the committee consisting of faculty members. Once purchase was finalised infrastructural requirements were drawn up by the faculty and coordinators concerned, the management accepted these proposals and allowed funds for putting in place required paraphernalia, which again was done under the supervision of the faculty concerned. This approach led to upgradation of academic facilities and was instrumental in providing students with meaningful resources enabling effective capacity building. This is just one of the instances where decentralization and participative management has earned great success to institutional efforts. Academic Audit An important strategic approach is the formulation of the academic audit. The need for improving upon the University results was put forward by the Principal. This was discussed in the college council, and opinions from all teachers were gathered based on these discussions the council unanimously decided to implement academic auditing. The following plan of action was formulated by the council, 1. A committee for academic auditing was formulated, 2. The convenor and members were nominated by the Principal, 3. The format of collecting data from departments and the time of collection for each academic year was formulated by the committee, 4. The format and the plan developed by the committee was submitted for the approval of the Principal who gave the final consent. The programme was implemented and after collection of data it was analysed after each audit collection. The outcome has been informed in all college councils and the IQAC regularly and this has been instrumental in further discussion and decision making improving the teaching learning process and student support.

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

Partial

### **6.2 – Strategy Development and Deployment**

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admission was completed in accordance with the University statute and rules of the government.
Curriculum Development	<p>The FIST funding has pumped in more resources which has furthered the development of research infrastructure in addition to teaching learning infrastructure completing the empirical approach to science learning. There is a structured feedback mechanism which is used to collect inputs from students, parents, teachers and alumni. Periodic feedback collection is used in designing policies and mechanisms of effective curriculum delivery. The Star College Scheme funded by DBT provided support enabling faculty to bring in flexible changes to the curriculum with an empirical approach.</p>
Teaching and Learning	<p>Faculty involve themselves in using all types of ICT related resources in order to impart the content as effectively as possible. Periodic evaluation of Course Outcomes (COs) is done through a process of Continuous Evaluation (CE) during every semester. The University performs End Semester Evaluation (ESE) at the end of each semester and all these add up to a comprehensive evaluation of Programme Specific Outcomes (PSOs). Our results are consistently above the University average and the ranks achieved by the students consistently in all academic years are an indicator of the effectiveness of the process in place. Feedback is obtained from students, teachers and alumni using structured format and this is analysed to improve the teaching learning experience.</p>
Examination and Evaluation	<p>The college has separate committee for both internal and external examinations. Internal examinations are carried out as per the academic calendar and convenient scheduled dates announced by the college. At present there are two kinds of evaluation process. Provisions for seminars, paper presentations and demonstrations are provided based upon the various disciplines of study. The continuous assessment mark is published at the end of every semester and is duly authorized by obtaining signatures from the students, faculty advisor, HoD and</p>

	the Principal.
Research and Development	<p>The procurement of FIST funding from DST, DBT funding, funding for research projects by UGC, KSHEC and KSCSTE have boosted facilities in the college for scientific research. Students are regularly sent to institutions and industries for internships, hands on training and short term courses. UG students can learn and practice techniques as well as methods which are relevant to the current requirements of research and laboratory working. Planning for setting up a centralised research facility has been completed and a coordinator was selected for the same, the establishment has been done with the professional help of an expert agency.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>The library runs on a digitalised partially automised system where all books are bar coded and library cards have been provided. All departments have one classroom provided with ICT facilities. The facility is used by the faculty based on requirement and portable cases are used for safe keep of the equipment including projector, CPU, UPS, keyboard, mouse and speakers. All facilities for sports and games including the multi gymnasium, ground, hand ball court, basketball court, indoor badminton court and equipment as well as other items are under the custody of the Director of Physical Education. The seminar hall has been equipped with all paraphernalia required for ICT based information sharing.</p>
Human Resource Management	<p>The management provides valuable guidance and directions in all facets of the functioning of the college. Teachers are represented in the management council providing opportunities for putting forward institution specific issues and suggestions. There is a college council which is the highest decision-making body of the college presided over by the Principal. All decisions of the council have to be ratified by the Principal. Participation from all stakeholders is ensured through the IQAC which is representative of all stakeholders and administrative authorities.</p>



Industry Interaction / Collaboration	Students were able to do projects in KMML, Kollam, TT Ltd., Tvm, and take part in learning activities of KTTM, Tvm under collaborations.
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#### 6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Administration	All administrative functions are on online platforms, with wifi connectivity enabling sharing of files and storage of information.
Student Admission and Support	Admission related process is through single window system of the University of Kerala. All processes are followed as per directed student enrolment is done in the University portal. Attendance marking of students is done using special management software.

### 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
Nil	NIL	NIL	NIL	Nil
No file uploaded.				

#### 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)
2018	Workshop on RAF	NIL	16/06/2018	16/06/2018	56	Nil
<a href="#">View File</a>						

#### 6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Orientation Programme	1	26/04/2019	25/05/2019	28
Orientation Programme	1	27/02/2019	26/03/2019	28
NPTL-AICTE	1	01/01/2019	28/02/2019	59

FDP

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
47	47	23	23

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Staff Welfare Fund	Staff Welfare Fund	Housing Project, Noon meal programme

**6.4 – Financial Management and Resource Mobilization**

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

• • The college conducts internal and external audit to maintain transparency in financial matters. • The faculty members and Chartered Accountants designated by the Principal conduct internal audit and auditors from Deputy Director of Collegiate Education, Kollam and from Accountants General's office, Trivandrum conduct external audit. • Last audit date from Deputy Director of Collegiate Education, Kollam 18/11/'19 • Last audit date from Accountants General's office, Trivandrum is 18/09/'15. • The errors and omissions usually occurred in the books of accounts and registers are detected when the books and account registers are presented for verification by Head Accountant, then Superintendent and finally by the Principal. • The departmental audit by the Dy. Director of Collegiate Education had completed their audit up to 2018-'19 and the audit by the Accountants General up to 2014-'15 • All the objections are cleared and the clearance certificate is issued from the department.

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 fund	163630	Maintenance of infrastructure
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

2462078

**6.5 – Internal Quality Assurance System**

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	NIL	Yes	College Council
Administrative	Yes	Deputy Director of Collegiate Education, Kollam	Yes	Chartered Accountant

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

1. Funds provided for infrastructure development. 2. Presented cash awards to students for achievements and proficiency. 3. Organised programmes or students along with college authorities.

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

1. A detailed work allotment scheme was prepared for the staff enabling clarity in responsibilities. 2. Provide financial assistance to attend training programmes. 3. Special incentives from the management was announced for those of outstanding performance.

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

1. Procuring funding enabling upgradation of laboratories. 2. Setting up infrastructure for ICT enabled teaching learning in all departments. 3. Establishment of research laboratories in all science departments towards developing research culture

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Awareness on the RAF	22/10/2018	23/10/2018	31/03/2019	47
<a href="#">View File</a>					

**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
Womens Day	12/03/2019	12/03/2019	356	16

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

**Solid Waste Management** The waste generated on working days from the college consists of degradable organic waste and inorganic items. There are staff entrusted with proper collection and disposal of such waste, students are given proper direction so as to deposit the waste in bins provided for the purpose which can then be disposed in areas demarcated for the same. The large area of the campus is used to dispose the degradable items so that there is no difficulty to students in the campus. Incineration is used to get rid of waste which are not generated from food or organic items. The presence of a sanitary napkin vending cum incinerating machine provides for scientific disposal.

**Liquid Waste Management** Proper leach pits are placed at strategic locations not

affecting water bodies or soil quality. The liquid waste from leach pits are not allowed to mingle with any human facility, testing of water quality can be done in the certified water quality testing laboratory under the Department of Environmental Science. Chemical liquid waste from laboratories are allowed to flow into separate leach pits and it is ensured that large quantities of such waste are not allowed to be deposited. E-waste Management E-waste is not allowed to accumulate in the campus and condemned items are auctioned off to recycling units, replaceable items are always treated in that manner with the college making sure that there is no cluttering due to e-waste ensuring best possible utilization of space and equipment. The college always ensures regular servicing so as to reduce e-waste to a minimum as far as possible. The college does not have to deal with biomedical or radioactive waste.

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

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Ramp/Rails	Yes	6
Scribes for examination	Yes	8

#### 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
Nil	Nil	Nil	Nil	Nil	NIL	NIL	Nil
No file uploaded.							

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Handbook 2018- '19	01/06/2018	The college expects exemplary conduct from all who are associated to it and there is a general adherence to this on the part of all concerned. The institution lays down to all students and employees the constitutional obligations expected of them when part of the college, students are trained towards this goal by emphasizing the same through academic forums, both curricular and co-curricular. All national important days are celebrated with the solemnity and reverence they deserve. The NSS and

NCC are the two organisations that spearhead all these activities.

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

Activity	Duration From	Duration To	Number of participants
Independence Day	15/08/2018	15/08/2018	1148
Republic Day	26/01/2019	26/01/2019	1165

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

1. Planting trees and useful plants. 2. Rainwater harvesting. 3. Use of LED bulbs. 4. Conducting green audit. 5. Presence of PCB approved water quality testing laboratory.

### 7.2 – Best Practices

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

I. Title of the Practice Research Oriented Academic Culture Enhancement for Higher Excellence. II. Objectives of the Practice 1. To create a culture of research in the institution. 2. To make research an integral part of academics. 3. To encourage students towards developing a scientific attitude and developing enthusiasm for research. 4. Create facilities and infrastructure to facilitate regular research in various disciplines. 5. Develop the institution into a centre of research excellence. 6. Contribute to innovation and societal growth in a meaningful manner strengthening the nation. 7. Providing exposure in sophisticated research practices to the region as a whole. III. The Context There was a lack of a proper research culture in the college, which was pointed out by the NAAC peer team during the last reaccreditation process. The teaching learning process focussed on instructional and existing knowledge distribution for students. This approach lacked in creating a research oriented academic environment. The facilities for research in the college did not compare with international standards. There was a lack of exposure to students and this was a barrier in developing expertise based on latest technologies. Faculty had limited resources to work and utilise their expertise as well as to transfer their abilities to their students. This scenario was pointed out by the NAAC peer team during the last reaccreditation process and the college authorities realised that there was no other option but to go for a complete overhaul of the research facilities. IV. The Practice The Principal and college council identified faculty to apply for funding from various agencies, plans were formulated and discussions were held at different levels to create most effective strategies. Relentless efforts and applications bore fruit with funds being sanctioned by different agencies like Department of Biotechnology (DBT), Department of Science and Technology (DST), UGC-CSIR, KSHCE and KSTEC under different schemes. The utilisation of all these funds was based on the idea envisioned with regard to developing an uncompromising research culture among the faculty and students. All committees connected with organising fund allocation and utilisation like the planning committee and purchase committee chalked concrete plans for meaningful utilisation of the funds, taking into consideration inputs from faculty through respective Heads of the Departments. The proposals and infrastructural requirements were presented to the management and the appropriate sanction was obtained by the Principal. The upgradation of infrastructure was then done based on the following infrastructural development plan, 1. creating separate research laboratories for each department and 2. setting up a common centralised research facility. Rooms for the purpose were

identified by the departments of Botany, Chemistry and Zoology. They were then upgraded providing facilities for proper placement and use of equipment, storage of chemicals, creation of work space and furnishing. A detailed plan was prepared for the Centralised Research Facility by the Planning Committee and the proper room for the same was identified. Professional groups were utilised in order to obtain world class standards and eventually a state of the art research laboratory was established with all facilities for contemporary requirements in molecular research. The Centralised Research Facility was equipped with high end equipment procured under FIST funding and the requirements for the proper installation and upkeep of the equipment. Servicing of the equipment, sufficient warranty and quality assurance were done at the time of formulating tender conditions and making the necessary formal agreements. The research laboratories are functioning with both faculty and students of the concerned departments having all the facilities they need for doing projects and learning through practical laboratory study. Both faculty and students make use of the centralised research facility and this has changed the nature of learning in the institution. The centralised research facility is complete with work areas where researchers can occupy spots and engage in meaningful practice. V. Evidence of Success Since the all these laboratories have been functional there has been a perceptible change in student and teacher approach. All the available facilities are used to their utmost giving the users complete freedom to pursue studies which are most useful to them keeping up with requirements of the latest trends. The facilities enabled more meaningful projects to be made by students. A project on the Kallada river headed by the Department of Chemistry, the various publications from the Department of Botany and the projects from the Department of Zoology all indicate the success of this practice. This initiative has led the college to obtain sanction for its first research centre by the Department of Chemistry.

There are research guides in different departments and there has been an impetus to research in humanities and languages as well. Faculty of various disciplines in humanity are involved in publishing, making presentations even in international conferences and passing on the research oriented thought process to their students. There is a continuous effort to upgrade and obtain funding from all possible sources. Projects taken up are based on long term outcome with problems selected with a larger result in mind. VI. Problems Encountered and Resources Required The two major hurdles faced was limited space with infrastructural facilities already stretched to the maximum, the second one was inadequate funding. The non-availability of funds for infrastructure building and rising cost of building related expenses created a formidable challenge. This had to be overcome with the management providing resources and taking up the burden of creating additional rooms so as to accommodate existing requirements like seminar halls, examination halls and bathrooms. The college was able to procure funding but all the funds have no provision for upgrading infrastructural facilities. This made the college to explore possibilities of securing funds from other sources, again it was the management which took up the burden of funding these requirements. Since the equipment for the centralised research laboratory were exported high end items the upgradation needed to be of sophistication in par with that needed. I. Title of the Practice Noon Meal Programme. II. Objectives of the Practice The noon meal programme instituted by the college intends to cater to the needs of the students who find it difficult to feed themselves owing to various social and economic reasons. It is the responsibility of the college to ensure that the students are not let to sit in the classroom without food. III. The Context It was noticed that certain students skip their afternoon meals. On enquiry, it became evident that there are students, usually from the backward community, who were not in a position to have meals during afternoon. The college took serious note of the issue and formulated a way in the form of 'noon meal programme', by which students of the college who wish to volunteer themselves

to bring an additional packet of food, were encouraged to do so during Fridays.

The students who were interested to join programme were enlisted and the teacher in charge was appointed to supervise the proceedings. IV. The Practice

The students of the college were intimated by a notice and announcements regarding the 'Noon meal programme' by the college authority. It was great to see that numerous students stepped forward and volunteered to be a part of the programme. The programme was meant to bring an additional packet of food during

Fridays, which will in turn be kept in a suitable place and the students who are in need of the packet can collect them accordingly. For the sake of secrecy and to make sure that the programme doesn't hurt the ego of the poor students the whole exercise was carried out strictly in accordance with the norms issued by the Principal of college. Students who need the food packet were given the opportunity to take them at their will and their identities were kept secret so

as to keep them immune from egoistic attitudes. Moreover, a record of the students who contributed food packets is also maintained and their efforts were applauded during various meetings. The practice had a positive impact and the inhibition from the part of students at the beginning slowly melted away and more and more students actively participated in the programme. V. Evidence of Success The 'noon meal programme' of the college had a profound influence upon

the attitude and cultural and social behaviour of the students. The main objective of the programme was to provide food for the poor students who find it difficult to satisfy themselves owing to various reasons. It was a great achievement from the part of the college as it could harness the support from the students and cooperation from the staff simultaneously. This philanthropic process had enabled the college to fulfil at least one of the minimal requirements of the students. Students enthusiastically participate in the programme and have shown great consideration in looking after the affairs of their peer group. The inhibition during the beginning of the programme later was nullified by the positive attitude of the students. Increasing the number of student participants candidly states the grand success of the 'Noon meal programme'. VI. Problems Encountered and Resources Required There

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

<https://stjohns.ac.in/shared-files/6682/Best-Practices.pdf>

### 7.3 – Institutional Distinctiveness

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

St. John's College, Anchal since its inception has always tried to be true to the great ideals envisioned for this institution and the larger society of which it is a part. The objective put forward for all generations of eminent academicians apart from knowledge imparting and empowerment has been of the larger ideal of inculcating universal values in its students. The college places as much important it gives to academics as to this aspect. All activities of this institution focus on this larger noble ideal. The institution takes a lot effort from its part from the joining of a pupil to this college. An induction programme is held which is used to impart a preliminary understanding of conduct and civility. The connection between success and adherence to higher ideals is an aspect which is emphasized and conveyed to all. Once a part of the college each student is sensitized in the area mentioned and all behaviour contrary to the expected is dealt with in a manner considering the fact that students have to realise that the objective put forward is not a necessity of the institution but that of every individual human being. A mix of tender support and strong legal recourse is resorted to with the aim of not seeking reparations but to bring about concrete realization. Although this is a college where students who have attained adult

hood study there are annual class PTAs where teachers individually meet each parent and discuss the academic progress of their wards. These opportunities are used by the teachers to interact with parents discussing ways and means of inculcating universal values. Suggestions and information from parents are an important source of approaching students with a better equipped mind set. This pursuit can be seen from the low instances of violence in the campus. Although campus politics has been a source of disruptive tendencies in several campuses across Kerala and the nation in general with many campuses seeking legal recourse to ban campus politics, this campus can proudly proclaim that even though campus politics is present it seldom leads to grave situations and there are no disruption of classes due to problems from within the campus. The community around this college had a history of impoverishment but several of its alumni managed to be successful and attain the highest form of success in life. All of them attest to the approach of the Principals, management and faculty through the years who have through their unique approach shown that the true path to success was by aspiring for a holistic development including character and intelligence with the two complementing each other. Even during these five years this fact can be seen to be repeated time and again with students attaining excellence in fields as esteemed as the civil service. This approach is responsible for ensuring a comprehensive strategy towards discipline, harmony, peaceful environment and all together mental wellbeing.

Provide the weblink of the institution

<https://stjohns.ac.in/shared-files/6705/Distinctiveness.pdf>

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

1. Setting up a centralised research laboratory. 2. Conduct socially relevant awareness programmes by students through the NSS. 3. Explore the possibilities of producing more publications by encouraging the faculty. 4. Initiate the construction of a new classrooms. 5. Increase facilities for training for athletes and conduct maintenance of sports facilities. 6. Provide more facilities in the computer laboratory. 7. Construction of ramps in more locations for PWD students. 8. Set up a committee to streamline utilisation of FIST funds. 9. Identify space for construction of a new building. 10. Take measures for renovation of laboratories. 11. Modify processes involved in conduct of University Examinations.