

**St. Xavier's College (Autonomous),
Ahmedabad**

**Annual Quality Assurance
Report of 2017-18**



Navrangpura, Ahmedabad, Gujarat. 380 009

iqac@sxca.edu.in

www.sxca.edu.in



The Annual Quality Assurance Report (AQAR) of the IQAC **(For Autonomous Colleges)**

The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)

Part – A

Data of the Institution

1. Name of the Institution: St Xavier's College

Name of the Head of the institution: **Dr Robert Arockiasamy SJ**

Designation: **Principal**

Does the institution function from own campus: **Yes**

Phone no./Alternate phone no. **079-29708056/7**

Mobile no. **94-26-475890**

Registered Email: **stxaviers@jesuits.net**

Alternate Email **iqac@sxca.edu.in**

Address: **Navrangpura**

City/Town: **Ahmedabad**

State/UT: **Gujarat**

Pin Code: **380009**

2. Institutional status:

Autonomous Status (*provide the date of Conformant of Autonomous Status*):

June 19, 2014

Type of Institution: Co-education/Men/Women **Co-education**

Location : Rural/Semi-urban/Urban: **Urban**

Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify):

Grants-in aid

Name of the IQAC Co-ordinator/Director:

Dr Sebastian V.A.

Phone no. /Alternate phone no. : **079-29708056/7**

Mobile: **8000175529**

IQAC e-mail address: **iqac@sxca.edu.in**

Alternate Email address: **NA**

3. Website address:

Web-link of the AQAR: (Previous Academic Year):

<https://sxca.edu.in/wp-content/uploads/2018/02/AQAR-SXCA-2016-2017.pdf>

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website: **It is printed in the Prospectus which is given to all the students and staff.**

Weblink: **<https://sxca.edu.in/>**

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	5 stars	-	2001	from:19/1/2001 to: 18/1/2006
2 nd	A+	-	2007	from:31/3/2007 to: 30/1/2012
3 rd	A	3.41	2013	from:25/10/2013 to: 24/10/2020

6. Date of Establishment of IQAC:

March 09, 2004 {U-7(IQAC)/653}; reconstituted on July 1, 2017

7. Internal Quality Assurance System

7.1 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
Regular meeting of Internal Quality Assurance Cell (IQAC)	IQAC meeting on August 28, 2017 (2hours)	12 persons
Micro IQAC meetings	July 8, 2017	12 Persons
	December 9, 2017	13 Persons
	February 28, 2018	13 Persons
	April 13, 2018	13 Persons
	April 21, 2018	13 Persons
Feedback from students, analysed given to staff and used for improvements	May 31, 2018	72 Staff members
Participation in NIRF, India Today and The Week Surveys	Yes, Participated	NA

8. Provide the list of Special Status conferred 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
St Xavier's College	CPE	UGC	2014-2020	1,50,00,000
St Xavier's College	FIST	DST	2016-2020	90,00,000

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

**upload latest notification of formation of IQAC: <https://sxca.edu.in/iqac/iqac-structure/>*

10. No. of IQAC meetings held during the year: 6

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

Yes

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

If yes, mention the amount: Year:

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

- **Initiate Organizational Development Process to have better cohesiveness among staff members**
- **Organised Staff Development Programmes**
- **Support to Co and Extra Curricular activities and attempt to create quality circles**
- **Follow up of student attendance and welfare**
- **Organising various programmes keeping in mind the vision and mission of the institute**
- **Promotion of research and extension activities**
- **Support to Principal in planning and administrative activities**
- **Implement quality-assuring activities in the college**
- **Organise Academic council, Finance committee, Examination committee and Governing committee meeting and follow up.**

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

Plan of Action	What we planned to do	Achievements/Outcomes
Making courses employable as one of the attributes of Xavierites	<p>i. The possibility of internship and apprenticeship for each subject</p> <p>ii. Possibility of a 4 years honours programme where students will go for a year of internship in the third year.</p> <p>iii. Reflective questions to find answers: what more needs to be done to make our students employable/ what structured teaching or knowledge is needed by our students to get employment? What is lacking in our students?</p>	<p>i. Several departments initiated and encouraged internships</p> <p>ii. It was explored with Harrisburg University. But no definite outcome reached as yet.</p> <p>iii. Certain departments have attempted to review their curriculum to some levels of success.</p> <p>iv. The department of</p>

	<p>How can industry help us to achieve what is missing to make them employable?</p> <p>iv. Possibility of converting some of the elective papers to papers based on experiential learning</p> <p>v. sell the idea of job to students and develop the culture of apprenticeship</p>	<p>Physics-Electronics has tie up with PRL and IPR for experiential learning</p>
Developing better cohesiveness	<p>i. Creating internal competitions among departments, by creating peer pressure or initiate departmental competitions.</p> <p>ii. Appreciate staff for their achievements.</p> <p>iii. Need to incorporate “Vision 360” rather than a tunnel vision of education.</p> <p>iv. Compile all good practices of the institution</p>	<p>i. Departments such as chemistry, Economics and Biochemistry & Biotechnology started with such competitions in their departmental academic calendars</p> <p>ii. The institution has established awards to appreciate the staff. Moreover, in the Chronicles of the College released several times in a year, the achievements of staff and students are highlighted.</p> <p>iii. Good practices of the institution has been compiled</p>
Promoting Brand Xaviers	<p>i. Creating a group within SXCA, who would be involved only in activities promoting the College. Newsletters, various brochures, digital foot print (web site), etc</p> <p>ii. Prepare and publicize dossiers of students</p> <p>iii. Regularize parent teachers meeting</p>	<p>i. IQAC comes out with newsletter at regular intervals and dossiers of programmes offered have been designed for wider circulations. The website does announce various activities of the college.</p> <p>ii. The parent teacher meeting is not yet a regularized system, however, in special cases and when required, the Heads do have meetings with parents.</p>
Student centric activities	<p>Promote Student exchange programmes on a larger scale</p>	<p>i. Implemented with St. Xavier’s College, Jaipur.</p>

Issue on lack of motivation among staff and students	<ul style="list-style-type: none"> i. Compel to some extent ii. Appreciate staff. iii. Get help from an outside agency to give feedback iv. Establish reporting mechanism v. Make the organization to be stern and firm with employees and make sure every faculty abide by rules of the institute. 	<ul style="list-style-type: none"> i. Attempts have been made with some level of success. ii. As stated above, the staff and students are appreciated through the Chronicles. In a WhatsApp group, aptly named Xavier Parivar, faculty are appreciated for the good work and accomplishments. Departments and individuals are also appreciated on the Annual Day by the Principal. iii. A Peer Evaluation Team had visited the college to review progress under autonomous state, and they have given feedback to individual departments. iv. Every department submits an annual report before March every academic year.
Goal of zero % detention in the current academic year	<ul style="list-style-type: none"> i. Give the ownership with the heads of the department and make all faculty responsible. ii. All non-performing assets be asked to perform or challenge to perform. iii. Replace those who are not performing 	<ul style="list-style-type: none"> i. Rate of detention has been reduced. A periodic update of the attendance status in the ERP logins of students has also contributed to their being lesser detention.
Creating awareness about energy conservation	<ul style="list-style-type: none"> i. Raise consciousness among students. ii. Organise visit to the solar panel installation 	<ul style="list-style-type: none"> i. NSS has carried out some activities to create awareness about energy conservation on campus

14. Whether the AQAR was placed before statutory body? Yes

Name of the Statutory body: **Governing Council, Micro IQAC and Heads of the Dept.**

(Non statutory): **Date of meeting: January 28, 2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to

assess the functioning?

Yes/No: **No**

Date: **NA**

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: **2017-18**

Date of Submission: **March 28, 2018**

17. Does the Institution have Management Information System?

Yes, an ERP from Auromera

If yes, give a brief description and a list of modules currently operational. (Maximum 500 words)

Institution has an ERP in place for data management. ERP is used for online application, admission process, and Academic performance & progressions. The modules currently used by the institution are Academic, Examinations and Administration.

Students are given access to the ERP and they are able to monitor attendance, internal marks, external marks, fee payment, migrating to next semester, apply for leave etc.

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 Programmes for which syllabus revision was carried out during the Academic year

Name of programme	Programme Code	Dates of revision
BA English	EN Semester 2,3,5,6	Feb 24, 2018
BA Psychology	PS 5503	September 27, 2017
BA Sanskrit	SN Semester 1,2,3,4,5,6	Feb 24, 2018
BCA	BCA Semester 1 and 2	Feb 24, 2018
B.Sc. Statistics	ST Semester 1 and 2	Feb 24, 2018
B.Sc. Zoology	ZO Semester 1 and 2	Feb 24, 2018
MA English	PEN 1,2,3,4	Feb 24, 2018
MSc Chemistry	PCH 1805L, and PCH 2805L	26th January, 2018(BoS)

1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Course with Code	Date of Introduction
BSc Sem 1	EG-1301: Separation methods in Chemistry	June 15, 2014
BSc Sem 1	EG-1302: Introduction to Digital Electronics	June 15, 2014
BSc Sem 1	EG-1303: Nutrition and Dietetics	June 15, 2014
BSc Sem 1	EG-1306: Computer Basics	June 15, 2014
BSc Sem 3	EG-3302: Electronic Appliances	June 15, 2014
BSc Sem 4	EG 4302: Soil Composition and Analysis	June 15, 2014
BSc Sem 4	EG 4304: Public Health	June 15, 2014
BSc Sem 1-6	Vocational Biotechnology	June 15, 1995
BSc Sem 1-6	Vocational Industrial Chemistry	June 15, 1995
BA Sem 1	FC 1030: Writing skills in English	June 15, 2014
BA Sem 1	FC 1030: Writing skills in Gujarati	June 15, 2014
BA Sem 1	SS 1651: Stress management	June 15, 2014
BA Sem 2	SS 2651: Personality Development	June 15, 2014
BA Sem 3	SS 3652: Problem solving	June 15, 2014
BA Sem 3	SS 3653: Communication Skills	June 15, 2014
BA Sem 5	SS 5651: Career skills	June 15, 2014
BA Sem 5	SS 5653: Time Management	June 15, 2014
BA Sem 5	SS 5654: Yoga	June 15, 2016
BA Sem 5	SS 5654: Proof Reading	June 15, 2014

Programme/Course	Date of introduction
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MSc Mathematics	June 12, 2017
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1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
BSc Sem 1/ Elective	Yes	No	June 15, 2014	Yes	No

BSc Sem 1/ Elective	Yes	No	June 15, 2014	Yes	No
BSc Sem 1/ Elective	Yes	No	June 15, 2014	Yes	No
BSc Sem 1/ Elective	Yes	No	June 15, 2014	Yes	No
BSc Sem 3/ Elective	Yes	No	June 15, 2014	Yes	No
BSc Sem 4/ Elective	Yes	No	June 15, 2014	Yes	No
BSc Sem 4/ Elective	Yes	No	June 15, 2014	Yes	No
Value added courses		Date of introduction		Number of students enrolled	
COP in Journalism		15 June, 2006		18	
COP in Foreign Trade Management		15 June, 2006		25	
COP in Counselling		15 June, 2006		49	
SPSS		15 June 2015		6	
R (Statistical Package)		15 June 2017		8	
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title				No. of students enrolled for Field Projects / Internships	
Exploring the Flora and Fauna of Mount Abu				20 students	
Projects of Nursery, Garden & Flower Show				20 students	
Project with Institute of Plasma Research				6 students	
Various projects of Biotechnology				38 students	
Various projects of Biochemistry				18 students	
Summer Internship Projects (2 – 3 weeks)				28 students	
Under Graduate and Post Graduate Research				72 students	
1.4 Feedback System					
1.4.1 Whether structured feedback received from all the stakeholders.					
1) Students	2) Teachers	3) Employers	4) Alumni	5)Parents	
Yes	Yes	No	No	No	
1.4.2 How the feedback obtained is being analysed and utilized for overall development of the institution? (maximum 500 words)					
The feedback collected from students were analysed, summarised and given to the Heads of the department and the heads of each department gave the copy of the feedback to each faculty. The Head follows up with each faculty and monitors the progress of every faculty. The same is also uploaded on the website. Based on the feedback, the department as a whole also reallocates subjects to teach, which in turn helps students to get different perspectives and the faculty too is able to explore their strengths and innovate teaching learning methodologies in subjects outside their comfort zone. Monotony, thus, can be kept at bay.					

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 available	Number of applications received	Students Enrolled
BA Economics	70	229	104
BA English	70	316	143
BA Gujarati	30	54	21
BA Psychology	70	313	148
BA Sanskrit	30	5	2
B.Com.	60	55	45
BCA	120	489	136
BSc. Biochemistry	60	1105	87
BSc. Biotechnology	45	492	63
BSc. Botany	30	427	43
BSc. Chemistry	60	1430	80
BSc. Electronics	30	193	36
BSc. Mathematics	30	330	49
BSc. Physics	30	348	49
BSc. Statistics	30	168	39
BSc. Zoology	30	610	52

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 full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	2414	166	68	1	20

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
89	15	Computers, smart boards, projectors	15	3	Power Point

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

Systematised mentoring is not in place. However, there are mentoring activities happening in every department with the help of each staff and especially with the help of HoD. In certain departments, each faculty is assigned 5 – 10 students per class, whose progress has to be monitored. The follow up is generally done by the faculty post an examination or test to assess how much learning has happened and what are the problems faced by the students. As mentioned above, the Heads identify

the weak group of students and the star group of students and have initiated mentoring of the weak students by the star group of students, or have arranged sessions of interactions between seniors and juniors.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
2414 (UG) and 166 (PG)	89	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
12	12	2	12	59

2.4.2 Honours and recognitions 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
2017-18	Dr Atul Makwana	Associate Professor	Best Teacher Award from GSA
2017-18	Dr Rajesh Iyer	Associate Professor	Best Teacher Award from GSA
2017-18	Dr Tushar Pandya	Associate Professor	Best Teacher Award from INSA
2017-18	Dr Sanjeev Gupta	Assistant Professor	Dr A K Shah best research paper in physical science from GSA

2.5 Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year-end examination
BA	All BA programmes	Sem 6	April 28, 2018	25/5/2018
BCA	All BSc programmes	Sem 6	April 28, 2018	25/5/2018
BSc	BCA programme	Sem 6	April 28, 2018	25/5/2018
MA	MA programme	Sem 4	April 19, 2018	18/5/2018
MSc	All MSc programmes	Sem 4	April 17, 2018	19/5/2018

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

**Do not include re-evaluation/ re-totalling*

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	708	0%

There has been request for re-evaluation. There has been cases of malpractices reported

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 web link)

<https://sxca.edu.in/academics/science/department-of-biochemistry-biotechnology/#1511068147912-7d93f867-62b5>
<https://sxca.edu.in/academics/science/chemistry/#1511069709825-f2334d2a-f925>
<https://sxca.edu.in/academics/science/mathematics/#1520501347006-4ff93296-4810>
<http://sxca.edu.in/academics/science/botany/#1520507999927-67b76896-b693>
<https://sxca.edu.in/academics/science/zoology/#1520759213714-95c4ed93-dbc2>
<https://sxca.edu.in/academics/science/physics-electronics/#1511074241808-4fa60a03-ee71>
<https://sxca.edu.in/academics/science/statistics/#1511075034266-6a9f7fec-9bfc>
<https://sxca.edu.in/academics/arts/department-of-economics/#1520501909424-a347d7eb-cd17>
<https://sxca.edu.in/academics/arts/department-of-psychology/#1520760546241-53e80c9d-4fc6>
<https://sxca.edu.in/academics/arts/department-of-english/#1520760844529-7512fcf0-1d99>
<https://sxca.edu.in/academics/arts/department-of-gujarati-hindi/#1520761440086-6b50667e-d65c>
<https://sxca.edu.in/academics/arts/department-of-sanskrit/#1520761721667-ebe74367-d44b>
<https://sxca.edu.in/academics/computer-sciences/bca-msc-bda/#1527917970055-ac692541-53d6>
<https://sxca.edu.in/academics/b-com-bps/#1520762471241-e94afb1c-c836>

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
EC	BA Economics	50	48	96
EN	BA English	64	59	92.2
GU	BA Gujarati	12	12	100
PS	BA Psychology	54	52	96.3
SN	BA Sanskrit	4	3	75%
BCOM	B.Com.	53	25	47.2
BCA	BCA	109	95	87.2
BC	BSc. Biochemistry	46	32	69.6
BT	BSc. Biotechnology	37	35	94.6
BO	BSc. Botany	19	18	94.7
CH	BSc. Chemistry	48	38	75
EL	BSc. Electronics	20	13	60
MT	BSc. Mathematics	27	24	88.9
PH	BSc. Physics	36	23	63.9

ST	BSc. Statistics	35	28	80
ZO	BSc. Zoology	26	21	80.8
PEN	MA English	10	10	100
PBC	MSc Biochemistry	17	17	100
PBDA	MSc Big Data Analytics	15	15	100
PCH	MSc Chemistry	26	24	92.3

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 web link)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 The institution provides seed money to its teachers for research

Yes..... No. if yes give details

3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the year				
Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant	
NA	NA	NA	NA	
3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the year				
	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National	Dr Sanjeev Gupta	UBINH18045213381 / SAA332899008 dated February 14, 2018	14/2/2018	DST-SERB Project
	Dr Sanjeev Gupta	DST-RFBR Project	23/6/2017	DST-RFBR Project
International	-	-	-	-

3.2 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Major projects	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored Projects	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students Research Projects (other than compulsory by the College)	1 year	Internal	Rs. 56,640	Rs. 56,640

International Projects Gujarat Jesuit Ecological Mission Phase II	3 years	ALBOAN	2,08,00,000	Rs. 58,49,000
Any other(Specify)				
Total	-		Rs. 2,08,56,640	Rs. 59,05,640

3.2.2 Number of ongoing research projects per teacher funded by government and non-government agencies during the years

5

Dr Sanjeev Gupta (2 Projects); Dr Rajesh Iyer (1 Project); Dr Lancelot D'Cruz (1 Project); Dr Sudeshna Menon and Dr Dweipayan Goswami (1 Project)

3.3 Innovation Ecosystem

3.3.1 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(s)
0	-	-

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

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
-	-	-	-	-

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

Incubation Centre	Name	Sponsored by
0	0	0

Name of the Start-up	Nature of Start-up	Date of commencement
-	-	-

Two students of B. Sc. Industrial chemistry have been selected by the University Start-up Incubation centre: Mr. Rishi Polara (S.Y. B. Sc.) and Mr. Darshan Patel (T.Y. B. Sc.). They have both been sanctioned a seed money of Rs. 40,000/- by the Centre

3.4 Research Publications and Awards

3.4.1 Ph. Ds awarded during the year

Name of the Department	No. of Ph.Ds Awarded
Biochemistry	1
Mathematics	1
Computer Sciences	1
Chemistry	2

3.4.2 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publications	Average Impact Factor, if any
National	Statistics	3	NA
	Psychology	1	NA
	Computer Sciences	1	NA
International	Chemistry	14	NA

	Physics	17	NA
	Biochemistry	1	NA
	Mathematics	9	NA
3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year			
Department			No. of publications
Chemistry			10
Physics			7
3.4.4 Patents published/awarded during the year			
Patent Details	Patent status Published/ Filed	Patent Number	Date of Award
0	-	-	-

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation	Institutional affiliation as mentioned in the paper	Number of citations
Performance Evaluation and Thermodynamic Studies for the Simultaneous Cloud Point Extraction of Erythrosine and Tartrazine using Mixed Micelles in Food Samples	Mallika Sanyal	Food Analytical Chemistry, 10 (2017) 3471–3480	2017	1	SXCA	1
Spiritual Intelligence Among Technical and Non-technical Employees	Arefa Mansuri	IJIP Vol 4; issue – 3 ISSN 2348-5396, April-June 2017	2017	0	SXCA	0
The simultaneous UPLC-MS/MS determination of emerging drug combination; candesartan and chlorthalidone in human plasma and its application	Nirmal Desai	Biomed Chromatogr.(I) 31(9) 2017. doi: 10.1002/bmc.3946. Epub 2017 Mar 20	2017	1	SXCA	1
A sensitive quantitative assay for the determination of propafenone and two metabolites, 5-hydroxypropafenone and N-depropylpropafenone, in human K2EDTA plasma using LC-MS/MS with ESI operated in positive mode	Nirmal Desai	Biomed Chromatogr.(I) 31(10) 2017, . doi: 10.1002/bmc.3967. Epub 2017 May 7		1		5
Statistical and spectral analysis of wind speed data for wind energy assessment	Dhara Bhatt	IJETSR, VOL.: 4, ISSUE: 11, NOV-2017, ISSN: 2394-3386	2017	0	SXCA	0

An improved LC-MS/MS method for the quantification of alverine and para hydroxy alverine in human plasma for a bioequivalence study	Mallika Sanyal	Journal of Pharmaceutical Analysis, 7, 95–102	2017	1	SXCA	1
Simultaneous analysis of allopurinol and oxypurinol using a validated liquid chromatography-tandem mass spectrometry method in human plasma	Mallika Sanyal	Journal of Pharmaceutical Analysis, 7, 56–62	2017	1	SXCA	3
Application of an LC-MS/MS method for the analysis of amlodipine, valsartan and hydrochlorothiazide in polypill for a bioequivalence study	Mallika Sanyal	Journal of Pharmaceutical Analysis, 7, 309-316	2017	1	SXCA	1
Simultaneous quantification of amiloride and hydrochlorothiazide in human plasma by liquid chromatography-tandem mass spectrometry	Mallika Sanyal	Journal of Pharmaceutical Analysis, 7, 288-296	2017		SXCA	1
Fast and sensitive LC-ESI-MS/MS method for the simultaneous determination of lisinopril and hydrochlorothiazide in human plasma	Mallika Sanyal	Journal of Pharmaceutical analysis, 7, 163-169	2017	1	SXCA	1
Simultaneous densitometric analysis of amlodipine, hydrochlorothiazide, lisinopril, and valsartan by HPTLC in pharmaceutical formulations and human plasma	Mallika Sanyal	Journal of Liquid Chromatography and Related Technologies, 40, 467-478	2017	1	SXCA	0
Simultaneous analysis of aliskiren and hydrochlorothiazide in their combined dosage form and spiked human plasma by HPTLC	Mallika Sanyal	Journal of Taibah University for Science, 11, 667-676	2017	0	SXCA	1
Design of experiment assisted concurrent enantioseparation of bupropion and hydroxybupropion by high-performance thin layer chromatography	Mallika Sanyal	Chirality, 29(8), 80-88	2017	1	SXCA	2
Thiazolidines Derivatives and Their Pharmacological Activities	Hetalben Makwana	Vol. 10, Issue 11, Ver.1 November. 2017 (International Journal of Applied chemistry)		0		0
The Voronovskaja Type Asymptotic Formula For q-Derivative of Integral Generalization of q-Bernstein	Prashantkumar Patel		2017	0	SXCA	0

Operators, Communications Faculty of Sciences University of Ankara Series A1						
Some Graphs in the Context of Product Cordial Labeling	Prajapati, U,M	Mathematics Today, Volume 33 June & Decemebr, 2017, 58-66 ISSN -976-3228, E-ISSN 2455-9601	2017		SXCA	
Cordiality in the Context of Duplication in Web and Armed Helm	Prajapati, U,M	International Journal of Mathematical Combinatorics, Volume 3 (2017), October, 90-105	2017		SXCA	
Labelling Techniques of Holiday Star Graph	Prajapati, U,M	International Journal of Mathematics Trends and Technology (IJMTT), Volume 49, Number 6, September, 2017, 339-344, ISSN 2231-5373	2017		SXCA	
Prime labelling in the context of duplication of graph elements in $K_{2,n}$	Prajapati, U.M	International Journal of Mathematics and Soft Computing, Volume 7, Issue 1 (2017), 117–125. ISSN Print: 2249-3328, ISSN Online: 2319-5215	2017		SXCA	1
Cordiality in the Context of Duplication in Flower related Graphs	Prajapati, U.M	International Journal of Mathematics and Soft Computing, Volume 2, No. 2, August, 2017 . 89-101, ISSN: Print: 2249-3328, Online: 2319-5215	2017		SXCA	
Approximate Regularity and its Avatars in Lau Product of Commutative Branch Algebras	Savan K. Patel	Mathematics Today, 33(June & December), 52-57, 2017	2017		SXCA	
An Asymptotic Formula of Modified Family of Positive Linear Operators	Prashantkumar Patel	Kalpa Publications in Computing, 2, 2017. ICRASET2017	2017		SXCA	
Some Approximation Properties of Modified Szasz-Mirakjan-Baskakov	Prashantkumar Patel	Proceedings of the Jangjeon Mathematical Society,	2017		SXCA	

Operators		20(3), 443-449, 2017				
Conductometry, Spectrophotometry and Mass Spectrometric Investigation of Mg(II) and Ca(II) Complexes with an antiretroviral drug, zidovudine	Mallika Sanyal	Bulletin of the Chemical Society of Ethiopia, 31(3), 423-433	2017	1	SXCA	0
Simultaneous analysis of glucocorticosteroid fluticasone propionate and its metabolite fluticasone propionate 17 β -carboxylic acid in human plasma by ultra performance liquid chromatography-tandem mass spectrometry at sub pg/mL level	Mallika Sanyal	Journal of Pharmaceutical and Biomedical Analysis, 135, 1-7	2017	1	SXCA	2
Surface Plasmon Resonance based Selective and Sensitive Colorimetric Determination of Azithromycin using Unmodified Silver Nanoparticles in Pharmaceuticals and Human Plasma	Mallika Sanyal	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 170, 97-103	2017	1	SXCA	11
Pyrophosphate functionalized silver nanoparticles for colorimetric sensing of deferiprone based on competitive binding with Fe (III) in pharmaceuticals and human plasma	Mallika Sanyal	Microchimica Acta, 184: 4203–4208	2017	1	SXCA	2
A two-ware house Inventory model with Weibull and Pareto type-1 deterioration and power demand	Gothi U. B	IJRISSE, May –June, 2017, Vol: 3, issue: 3. ISSN : 2394-8280 Online : www.ijrise.org	2017	0	SXCA	0
Inventory model of repairable items with exponential deterioration and linear demand rate	Gothi U. B	IOSR Journal of Mathematics, May – June, 2017, Vol : 13, issue: 3, pp. 75 – 83. ISSN: 2278-5728. Online : www.iosrjournals.org	2017	0	SXCA	0
Inventory model of deteriorating items under infatuation and discount rate with power demand and item dependant holding cost	Gothi U. B	IJRISSET, March, 2017, Vol: 4, issue: 3, ISSN : 2350-0328 Online : www.ijriset.com	2017	0	SXCA	0
Spin-dependent electron transport in C and Ge doped BN monolayers	Sanjeev Gupta	Phys. Chem. Chem. Phys., 19, 30370 (2017)	2017	1	SXCA	2
Modulating the electronic and optical properties of monolayer arsenene phases by organic molecular doping,	Sanjeev Gupta	Nanotechnology, 28, 495202 (2017).	2017	1	SXCA	1

Temperature-Dependent Thermal Conductivity and Viscosity of Synthesized α -Alumina Nanofluids,	Sanjeev Gupta	Applied Nanoscience, 7, 803 (2017).	2017	1	SXCA	3
High performance material for hydrogen storage: graphenelike Si ₂ BN solid	Sanjeev Gupta	International Journal of Hydrogen Energy, 42, 22942 (2017).	2017	1	SXCA	3
Oxygen Adsorption on Palladium Monolayer as a Surface Catalyst,	Sanjeev Gupta	Physics Letter A, 381, 3084 (2017).	2017	1	SXCA	4
Modeling of diameter dependent Fe and Co ultrathin nanowires from first-principles calculations,	Sanjeev Gupta	Physical Chemistry Chemical Physics, 19, 15412 (2017).	2017	1	SXCA	5
Ab-Initio Investigation of Vibrational, Optical and Thermodynamics Properties of Yttrium Arsenide,	Sanjeev Gupta	Journal of Electronic Materials, 46, 5670 (2017).	2017	1	SXCA	1
Structural, Electronic, Mechanical and Quantum Transport of Ultrathin Gold Nanowire: A Density Functional Approach,	Sanjeev Gupta	Superlattices and Microstructures, 106, 206 (2017).	2017	1	SXCA	0
Enhancing efficiency of solar thermal engineering systems by thermophysical properties of a promising nanofluids	Sanjeev Gupta	Renewable and Sustainable Energy Reviews, 77, 1343 (2017).	2017	1	SXCA	6
Experimental and theoretical analysis of electronic and optical properties of MgWO ₄	Sanjeev Gupta	Journal of Materials Science, 52, 4934 (2017).	2017	1	SXCA	1
MgF ₂ monolayer as an anti-reflecting material,	Sanjeev Gupta	Solid State Communications, 252, 22-28 (2017).	2017	1	SXCA	0
Effect of oxygen atom on electronic and optical properties of 2D monolayer of PtS ₂ ,	Sanjeev Gupta	AIP Conference Proceedings 1832, 090024 (2017).	2017	1	SXCA	0
Metal-Mott insulator transition of SrMnO ₃ by fluorine doping,	Sanjeev Gupta	AIP Conference Proceedings 1832, 090031 (2017).	2017	1	SXCA	0
Spin dependent calculation of calcium manganese oxide	Sanjeev Gupta	AIP Conference Proceedings 1832, 090034 (2017).	2017	1	SXCA	0
Structural, electronic and ferroelectric properties of BaReO ₃ ,	Sanjeev Gupta	AIP Conference Proceedings 1832, 090033 (2017).	2017	1	SXCA	1
Electronic and transport properties of fluorite structure of La ₂ Ce ₂ O ₇		AIP Conference Proceedings 1832, 090038 (2017).	2017	1	SXCA	0

Electronic and transport properties of fluorite structure of La ₂ Ce ₂ O ₇	Sanjeev Gupta	AIP Conference Proceedings 1832, 090038 (2017).	2017	1	SXCA	0
Structural, electronic and ferroelectric properties of BaTiO ₃	Sanjeev Gupta	AIP Conference Proceeding, 1387, 040030 (2017).	2017	1	SXCA	0
Edifying the strategy for the finest extraction of succinoglycan from Rhizobium radiobacter strain CAS	Goswami D	Applied Biological Chemistry. 2017 Jun 1;60(3):339-48	2017	1	SXCA	0

3.4.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
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Ref 3.4.5

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	0	7	12	65
Presented papers	10	21	3	5
Resource Persons	0	2	1	0

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Botany	IBIOME	IBIOME Ethic Committee	Rs. 1,25,000
Botany	Dr Nagpal Eye Foundation	Dr Nagpal Eye Foundation Ethics Committee	-

3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
0	0	0	0	0

3.6 Extension Activities

3.6.1 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 co-ordinated in such activities	Number of students participated in such activities
Mentoring school children in entrepreneurial activities	St. Xavier's High School Loyola Hall (Ahmedabad)	3 Dr. Atul Makwana Ms Dish Khetani Dr Divya Gangal	About 20
Gujarat Flood relief	NSS	0	8

in Dhanera			
Thalassemia testing	NSS	0	275

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
-	-	-	-

3.6.3 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 co-ordinated such activities	Number of students participated in such activities
Voters id card drive	NSS	Voters id card drive	1	1
Swatch Bharat	NSS	Swatch Bharat	2	40

3.7 Collaborations

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

Nature of Activity	Participant	Source of financial support	Duration
Cultural exchange programme	40	Internal	7 days

3.7.2 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-To)	Participant
MoU	MoU	Association of Chemical Technologists (India) Ahmedabad, Gujarat.	One academic year	Students and staff
MoU	MoU	IPR	One academic year	students
Collaboration	Collaboration	Prof AR Rao Foundation	One academic year	Students and staff
Collaboration	Collaboration	INSA Adv. BSc Physics	One academic year	Students and staff of Physics in the state
Collaboration	Collaboration	INSA Adv. BSc Mathematics	One academic year	Students and staff of Mathematics in the state

3.7.3 MoUs signed with institutions of national, international importance, other institutions, industries,

<i>corporate houses etc. during the year</i>			
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
ACTI	September 2017	Industry exposure	1 faculty
St Xavier's College, Jaipur	October 2017	Academic and cultural exchange	20 students and 2 teachers from SXCJ And 16 students and no faculty from SXCA
Brihati Foundation & Claris Life-Sciences	September 2017	Orbin Recycle Bin project	25 students and 3 faculty

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
Rs. 60,00,00	Rs. 60,02,811

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	26 Acres	0
Class rooms	30	4
Laboratories	19	7
Seminar Halls	07	00
Classrooms with LCD facilities	04	14
Classrooms with Wi-Fi/ LAN	04	0
Seminar halls with ICT facilities	02	00
Video Centre	00	01
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	13	8
Value of the equipment purchased during the year (Rs. in Lakhs)		Rs. 68,81,394.50
Others	0	0

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
SOUL	Partial	2.0	2006

4.2.1 Library Services:

	Existing		Newly added			Total	
	No.	Value	No.	Value (Rs)	No.	Value	Value
Text Books	48998	NA	618	2,93,403	49616	NA	
Reference Books							
e-Books	0	0	0	0	0	00	
Journals	20	NA	13	30,500	33	39,171	

e-Journals	0	0	0	0	0	0
Digital Database	0	0	0	0	0	0
CD & Video	0	0	0	0	0	0
Library automation	yes	30,000	1	0	0	30,000
Weeding (Hard & Soft)	0	0	0	0	0	0
Others (specify)	0	0	0	0	0	0

4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc.

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
Dr. Dweipayan Goswami	Learn at ease	You tube	2015
Dr. Maulik Gadani	www.efloraofgandhinagar.in	website	2013

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	260	03	yes	03	1	1	15	02	0
Added	47	02	yes	0	0	0	15	20	0
Total	307	05	yes	03	01	01	15	20	0

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

20 MBPS

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
	Rs. 49,48,502		Rs. 89,18,106

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)

College has established system for maintaining and utilising facilities:

Laboratory: Each head of the department is to ensure that equipments are routinely serviced and repaired. Moreover there is a person given additional responsibility of maintaining and repairing of laboratory equipments.

Library: In the absence of a librarian, a clerk, well versed with library work is assigned

the responsibility of library management. Investment is made to buy new and updated books to meet the requirements of students depending on the changing syllabus.

Sports: There is a full time in-charge for maintaining the ground and other sports facilities.

Computer: Computer maintenance and networking is outsourced

Classrooms: There is a house keeping agency which takes care of the regular cleaning of the premises and Management look into regular upgradation and maintenance of the class rooms and building

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	Poor Boys Fund	6	Rs 16130
Financial support from other sources			
a) National	SC-ST Scholarship	83	Rs. 997807
b) International	0	0	0

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	June 12, 2017	10	Dr. Atul Makwana
Yoga	June 12, 2017	17	Ms Ami Shah
Personal Counselling	June 12, 2017	>200	Sr Mary James and Fr Roland D'Souza

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 by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	NET coaching (Mathematics department)	35	35	NA	NA

2017-18	GSBTM (Biochem department)	49	-	3	3
2017-18	JAM coaching (Chemistry)	4 Mansi Porwal Roger Lobo Shruti Sarangi Aanshul Mehta		4 Roger Lobo Aanshul Mehta	1 Mansi Porwal
	TCS Training for SC/ST/OBC students	31	24	6	6
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		No. of grievances redressed		Average number of days for grievance redressal	
34		34		2-5 days	
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	Number of Students Placed	
TCS		42	2	24	
Pharmez		12	1		
Sushen		12	1		
Sun pharma		22	2		
Dishman		14	1		
Oxygen healthcare limited		12	2		
5.2.2 Student progression to higher education in percentage during the year					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	85.7%	B. Sc.	Biochemistry - Biotechnology	Nirma University M. S. University Gujarat University IGNOU IIT Roorkee TIFR NBRC IIT Gandhinagar	M. Sc.

2017-18	72.72%	B. Sc.	Botany	M. S. University Gujarat University RYK College, Nasik Indrasheel University	M. Sc.
2017-18	82.35%	B. Sc.	Chemistry	IIT Gandhinagar Holkar College Indore Gujarat University CIPET, Ahmedabad Swarnim Start-up and Innovation University S P University Arihant College of Pharmacy	M. Sc.
2017-18	78.57%	B. Sc.	Mathematics	Gujarat University S P University DA IICT Central University Hyderabad	M. Sc.
2017-18	44.44%	B. Sc.	Physics	Gujarat University S P University	M. Sc.
2017-18	76.47%	B. Sc.	Statistics	Gujarat University NMIMS, Mumbai M. S. University DA IICT St. Joseph's Autonomous University of Alabama	M. Sc., MBA
2017-18	54.7%	BCA	Computers	GTU Nirma University GLS University Christ University GLS University DA IICT Gujarat University	MCA, M. Sc.
2017-18	66.66%	BA	Economics	Gujarat University Gujarat University	MA BEd
2017-18	71.42%	BA	English	Gujarat University PDPU London Metro Univ. University of Queensland	MA, MBA
2017-18	100%	BA	Psychology	TISS, Chennai M. S. University	MA

5.2.3Students 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		No. of Students selected/ qualifying			Registration number/roll number for the exam	
NET		NA			NA	
SET		NA			NA	
SLET		NA			NA	
GATE		NA			NA	
GMAT		NA			NA	
CAT		NA			NA	
GRE		NA			NA	
TOFEL		NA			NA	
Civil Services		NA			NA	
State Government Services		1			21014733 (Dhruv Barot, M. Sc. Org Chem 16-18 Batch)	
Any Other (JAM)		5			CY201F206 (Mansi Porwal) CY201F154 (Roger Lobo) CY201F159 (Aashul Mehta) Bruhad Dave Priyanshi Mishra	
TISS NET		1			Bhatta Arpita	
GS2018		1			Saishree Iyer	
5.2.4 Sports and cultural activities / competitions organised at the institution level during the year						
Activity		Level			Participants	
Annual sports fest (Chakravayuh)		College			220	
Gujarat University sports meet		University			61	
Annual cultural fest- Kairos		College			445	
University Youth festival		University			54	
5.3 Student Participation and Activities						
5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)						
Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2017-18	Gold	National	Shooting	-	-	Ms Sadiya Muzahid Malek
	Bronze	National	Shooting	-	-	Gautam Kumar
	Bronze	National	Shooting	-	-	Narayan Soni

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

St. Xavier's has a long standing tradition of involving student volunteers in every academic and administrative activity of the college. Student volunteers manage cultural and sports events as well as the entire the admission process to each course in the college.

Students are interviewed and based on their inherent skills are assigned specific tasks for every event. They are assigned responsibilities such as:

- Briefing students seeking admissions regarding procedures, fees etc.
- Collecting sponsorships for college events
- Organizing and managing the stage during cultural events

After the events the student volunteers submit their feedback to the organizing committee; this leads to further improvement in the quality of activities in the college. The student volunteers are also evaluated so that they can perform better in forthcoming activities.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

The institution has a registered alumni association which occasionally organise programmes for the college like cultural activities such as Navratri celebrations

5.3.2 No. of registered Alumni: 184

5.3.3 Alumni contribution during the year (in Rupees): Nil

5.3.4 Meetings/activities organized by Alumni Association :

- The Department of biochemistry-biotechnology organized an alumni meet for the batch of 1993
- The department of biochemistry also organized a talk by their alumnus Dr. Mayur Sahni,
- The Department of Chemistry also organized an alumni meet
- The department of Zoology organised an alumni get together

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)

Practice 1: Heads of Departments

There are separate HOD's appointed for each department. For parallel courses conducted in English and Vernacular medium there are separate HOD's. The duties and responsibilities of the HOD's are:

- overall supervision of the academic and administrative activities of the department
- to monitor the co-ordinators of various programs in the department
- to act as a link between the Central authority and the staff/students of the department
- to manage all purchases and procurements in the Department

Practice 2: Vice Principals

The college runs course in four faculties: humanities, science, commerce and computers. There are separate Vice Principals for each of these faculties. The Vice Principal is responsible for the following in their respective faculties:

- Implementing the orders of the Principal
- Scheduling and managing the various courses being run in their faculties
- Dealing with all disciplinary, record-maintenance and various other administrative activities in their faculty
- Managing the finances of their faculty

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

Yes/No/Partial:

Yes. The college has an ERP system

It is used for admission process, examinations, attendance, academic records etc.

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):

❖ Curriculum Development

- Each department in the college conducted the BOS meetings and also collected a feedback of the curriculum from major stakeholders i.e. the students
- A new course M. Sc. Biotechnology was initiated
- Syllabus for M. Sc. Physics and M. Sc. Chemistry (Analytical) have been planned to be implemented from the next academic year

❖ Teaching and Learning

- To encourage faculties to use ICT methods various classrooms have been fitted with LCD projectors
- A smart board has also been installed
- Expert lectures are organized on a regular basis to provide in depth understanding of latest developments

<ul style="list-style-type: none"> • Industry visits/internship programs are incorporated within the curriculum to give insights into the real world • Faculty members are encouraged to attend orientation and refresher courses by providing financial assistance <p>College has also explored student exchange programme with St Xavier's College Jaipur, towards enhanced learning.</p>
<p>❖ Examination and Evaluation</p> <ul style="list-style-type: none"> • A new evaluation system has been crafted for the assessment of the growth of the students. Continuous Internal Assessment – I (CIA- I) and Continuous Internal Assessment – II (CIA- II) were introduced by the COE within each semester for testing the learning outcomes of 50% of the syllabus in each of these tests. • Apart from CIA, we also conduct the class quizzes/class tests/seminars and assignment writing in each paper/course. • A radical change has been introduced in the seating arrangement of the students in the examination halls. With the use of ERP, the examinees were arranged in columns A, B, C, D, etc. This arrangement would be new for each day and be uploaded on college web portal one day prior to the scheduled exam. Students would review it and find the location of their exam-place. • A similar new format has been introduced in the block supervision in the exam hall. Each block would consist of at the most 30 examinees drawn from different subjects. • Examinations timings were also modified. A gap of 1 hour between two consecutive exam schedules would suffice the administrative staff for necessary preparation. • End-sem. Exams are also conducted well in time. The appointment of external examiners is made mandatory in each subject. And these examiners are selected from well reputed government institutions/colleges/universities. • Assessment work of answer papers is carried out, after assigning dummy roll numbers, so that the confidentiality is well assured. • Re-assessment and re-evaluation provided on request by students • An examination reform/disciplinary committee has also been set up
<p>❖ Research and Development</p> <ul style="list-style-type: none"> • Dr Sanjeev Gupta was awarded Researcher of the year 2017 by the College. • 57 students were awarded medals / certificates / prizes for UG and PG research by the institute. • 55 research publications, 3 in proceedings and 4 books were published during this year. • There were 30 presentations, 9 of our students presented papers/ posters, 31 of our faculty delivered guest lectures, 19 faculty attended seminars and 79 faculty underwent Faculty Development Programmes. • 81 of our students also underwent training in various workshops. • 17 of our students have also won prizes in several academic competitions. • In Minaxi Lalit State level Science Test, 47 students participated from SXCA and won 3 meritorious prizes. • Dr Sanjeev Gupta received Rs. 48 Lakhs research funding from DST, Dr Rajesh Iyer received 40 Lakhs from ISRO, Dr Sudeshna Menon 7.65 Lakhs (2nd year) from GSBTM,

<p>and Prof. DV Khatar, 3.3 Lakhs from the UGC.</p> <ul style="list-style-type: none"> • Four students were awarded Ph.D. degree under supervision of Dr. Malika Sanyal, one student under supervision of Dr. Nirmal Desai, one under Dr Ushakar Goti, and one under Dr Shuchita Mehta. • 8 workshops, 2 field trips, 8 seminars and 4 talks were also conducted by various departments. <p>A national level competition by the department of Economics and a state level competition by department Biochemistry - Biotechnology were also conducted.</p>
<p>❖ Library, ICT and Physical Infrastructure / Instrumentation</p> <ul style="list-style-type: none"> • NAMO Tab given to 440 students • Internet upgradation and wifi connectivity in college to 20 Mbps • Renovation of washrooms, ladies lunge, and 14 class rooms with LCD projectors • Installed solar pump for the tube well • Renovation of Sports room • Setting up DEXIC and in-Xitu Labs • CCTV in all classrooms • Renovation of Parking space • New printer to Biochemistry , Gujarati, English depts. • New equipment added: calorimeters, iMark Microplate reader, autoclave, micropipettes, pH meter, ELISA reader, Fluorescent microscope • Library books worth 3 Lakhs • Water cooler in maths dept • Repairing of 400m track • Repairing of chemistry labs with safety facilities • Moving towards LED in class rooms • Space for security persons • Protecting the building from ants • Renovation of Lift • Repair of compound wall • Installing safety grip on stairs
<p>❖ Human Resource Management</p> <ul style="list-style-type: none"> • Faculty is encouraged to attend workshops/seminars/training programs and the college provides financial funding for the same • Christmas celebrations and other festivities to motivate and develop a feeling of belonging are organized wherein family members of staff are also invited <p>Staff is rewarded with awards and prizes to motivate and appreciate efforts</p>
<p>❖ Industry Interaction / Collaboration</p> <ul style="list-style-type: none"> • MoU signed with ACTI and Brihati Foundation • Industrial visits to Amul Dairy, Anand; TCS, Gandhinagar; Sweety Industries, Nadiad was organized <p>TCS collaborate for courses such as MSc. BDA and B. Com BPS</p>
<p>❖ Admission of Students</p> <ul style="list-style-type: none"> • Admission for the academic year 2017-18 was online and totally merit-based • Merit list of students applying for a particular subject was prepared according to XII standard marks for each department and given to HoD. Based on this list, all students were called for scrutiny of their mark sheet and other credentials.
<p>6.2.2 : Implementation of e-governance in areas of operations:</p>

❖ Planning and Development
<ul style="list-style-type: none"> Policy is partly successful in paperless communication Google based email id is used by most of the staff members Bulk messaging facility is in place
❖ Administration
<ul style="list-style-type: none"> Academic records and attendance of students are maintained in ERP Timetable, examination seat allotment, marks, subject selection etc are all done by ERP Staff leave record maintenance etc. also done by ERP
❖ Finance and Accounts
All finance and accounts are managed by Tally software
❖ Student Admission and Support
<ul style="list-style-type: none"> Admissions are completely online by a transparent merit based system Parents and students can access all academic data by ERP
❖ Examination
<ul style="list-style-type: none"> Result declaration is also done via ERP Examination date, hall ticket issuing, etc. also done through ERP

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
2017-18	Dr. Aarti Oza	International conference on psychology beyond horizon		3170
	Dr. Kinjal Desai Dr. Dweipayan Goswami Dr. Shital Doshi Mr. Dhaval Patel	International conference in Kolkata		6000
	Dr. Nirmal Desai Dr. Mallika Sanyal Dr. Pranav Trivedi Dr. Devang Pandya Dr. Uma H.	Innovations in Chemical Sciences for Industries		2500
	Dr Prashant Patel	Conference at Gujarat University		1200
	Fr Robert Arockiasamy	JHEASA conference		2000
	Dr Pinky Desai	Conference at Pune		5560
	UM Prajapati Dr Prashant Patel Dhawal J Bhatt	Conference at Mehsana		3000 3400 3400
	Dr Vijaysinh Padheria	Conference at Mt Abu		6000
	Dr Sanjeev Gupta	Registration fee		5000

	Dr. Pranav Trivedi Dr. Devang Pandya Dr. Uma H.	National conference on Recent Advances and Future Trends in Chemical Technology-RAFTCT-2017		3000
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6.3.2 Number of professional development / administrative training programmes organized by the Colleges 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	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2017	Training in API	-	August 5, 2017	48	
	FDP by Arwind Chittewale (Learning Circle, Nasik)	FDP by Arwind Chittewale (Learning Circle, Nasik)	28-29 August, 2017	41	12
	Ignatian Pedagogy Fr. Sunny Jacob	Ignatian Pedagogy	22-23 January, 2018	46	12

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	Date and Duration (from – to)
KCG International FDP	Dr. Vijay Dhandhukia	7-8, February 2018
KCG International FDP	Dr. Shital Doshi	7-8, February 2018
KCG International FDP	Dr. Sudeshna Menon	22-23 November, 2017
KCG International FDP	Dr. Atul Makwana	7-8, February 2018
KCG International FDP	Dr. Sebastian V A	22-23 November, 2017
KCG International FDP	Dr. Mallika Sanyal	7-8, February 2018
KCG International FDP	Dr. Sanjeev Gupta	7-8, February 2018
KCG International FDP	Dr. Devang Pandya	7-8, February 2018
KCG International FDP	Dr Sharad Sondarva	7-8, February 2018
KCG International FDP	Mr Robin Parmar	7-8, February 2018
KCG International FDP	Dr. Maullik Gaddani	7-8, February 2018
KCG International FDP	Ms. Manali Patel	7-8, February 2018

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

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
Ms. Anna Ashirvadita	Yes	Ms Jalpa Patel	Yes
Mr. Dhaval Bhatt	Yes		
Mr. Sawan Patel	Yes		
Dr Rashmi Yadav,	Yes		
Dr. Yogeshbahi Baravalia,	Yes		
Ms Kushboo Shah	Yes		
Ms. Cecil Johny	Yes		
Ms. Mitali Ghotikar	Yes		
Ms. Kinjal Mistry	Yes		
Ms. Jill Metha	Yes		
Mr Tatpar Joshipura	Yes		
Dr Atman Shah	Yes		

6.3.5 Welfare schemes for				
Teaching			Credit society LTC	
Non teaching			Credit society	
Students			Needy student support by management, JAGRAT, UTKARSH	
6.4 Financial Management and Resource Mobilization				
6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)				
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/ Grants received in Rs.	Purpose	
Adani		11,500	Donation	
Dr. Atul Makwana		5,000	Annual prize/scholarship	
Mrs Ushaben Bhow		5,000	Annual prize/scholarship	
Alumni Batejh of 1993		30,000	Annual prize/scholarship	
6.4.2 Total corpus fund generated: Rs 51,500				
6.5 Internal Quality Assurance System				
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?				
Audit Type		External	Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	YES	Ad hoc constituted	No	-
Administrative	YES	Ad hoc constituted	No	-
6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
There is no formal PTA but parents are informed in case of poor attendance/academic performance				
6.5.3 Development programmes for support staff (at least three)				
Support staff is taken on a yearly picnic				
6.5.4 Post Accreditation initiative(s) (mention at least three)				
<ul style="list-style-type: none">Initiation of new courses under UG and PGMoving from manual to dynamic mode of administrationInitiation of faculty development programmesConstituting research advisory committee				
6.5.5				
a. Submission of Data for AISHE portal : (Yes /No) YES on March 28, 2018 (for 2017-18 data)				
b. Participation in NIRF : (Yes /No) YES				
c. ISO Certification : (Yes /No): No				
d. NBA or any other quality audit : (Yes /No): No				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-to--)	Number of participants

2017-18	Training in API	August 5, 2017	August 5, 2017	48
	FDP by Arwind Chittewale (Learning Circle)	28-29 August, 2017	28-29 August, 2017	41

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-to)	Participants	
		Female	Male
Celebrating International Women's Day	March 8	45	0

March 8 is celebrated as International Women's Day. On this occasion, the Collegiate Women Developmental Cell took a thoughtful initiative by distributing handmade cards and chocolates to the teaching and non-teaching female staff of all the departments of Arts, Science and Commerce, St. Xavier's College. The cards were specially made by the CWDC volunteers, with artistic decorations and motivating quotes on Women Empowerment. The volunteers got the happiest responses from all the female staff members which made the gesture worth it. The practice of ensuring that even in the College Sports Festival a minimum number of girls is required in every team.

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources

About 13% saving per month
Solar street lights
50HP Solar pump
St Xavier's College signed an MOU with Brihati Foundation under a collaborative project with Orbin entitled project "Kartavya" for waste management. Under this project a Waste Audit of the College was undertaken by Brihati Foundation. This was followed by TWO training programs on 'Composting wet waste' held for the housekeeping staff of the College, the Hostel Mess and the College Canteen the College received 31 ORBIN Organic waste recycling bins [compost units] and 62 enzyme bricks.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	13
Provision for lift	Yes	13
Ramp/ Rails	Yes	13
Braille Software/facilities	No	00
Rest Rooms	Yes	13
Scribes for examination	Yes	13
Special skill development for differently abled students	Yes	13
Any other similar facility (UTKARSH prg)	Yes	13

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017-18		1	17/12/2017	All Ahmedabad Utkarsh Meet	Interaction and self support	158 students and 2 staff
		1	11/09/2017	Utkarsh meet in Blind people association (Phase 1)	Exchange, extension and interaction	28 students and 2 staff

		1	22/09/2017	Utkarsh meet in Blind people association (phase 2)		36 students and 2 staff
		1	15/12/2017	Exchange with XCD	Exchange, extension, interaction and hand holding	12 students and 2 staff

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Prospectus	June 12, 2017	Prospectus has detailed description of the code of conduct for students and staff.
Code of Ethics for Research	January 16, 2017	The research committee has formulated the code of ethics for research and it is uploaded on the website.
Orientation for new students	June 13-14	A special 2-day Orientation is conducted by the Senior students for the new entrants where the focus is on Human values and diversity.

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
Rehabilitation programme (flood) in Dhanera, Gujarat	One day	8
Thalassemia Prevention	One day	275
Visiting Old age Homes	One day	18
Health Awareness Programme	One day	45
Self Defence Programme for Girls	One day	16
Awareness Programme on Election Card	One day	1
Sensitization on GST	One day	36
Skill development on 'Tie and Dye'	One day	24
Traffic awareness for the students	One day	12
College Cleanliness Abhiyan	October 2, 2017	40
Blood donation camp	November 25, 2017	64
Foundation courses on Science & Society, Ethics and Human Society	One semester	28

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

Initiatives to make Plastic Free campus

Plantation of trees Solar street light and Solar pump installed Power distribution to reduce usage of electricity
7.2 Best Practices
<i>Describe at least two institutional best practices</i> <i>Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link</i>
7.3 Institutional Distinctiveness
<i>Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust</i> <i>Provide the weblink of the institution in not more than 500 words</i>
<p>The activity that makes the institution distinct is Personal Growth Oriented Programme which helps to build responsible human beings for the country. It explores the possibility of offering</p> <p>All round development of students at SXC; ‘wholeness’ and ‘wellness.</p> <p>Designed so that students acquire the capacity to integrate the learning.</p> <p>Help students to discover self, others, and God so that students broaden their view of life, helps to integrate their daily activities and develop healthy relationships so that each one becomes a gift: a gift to oneself, a gift to others, and a gift to God.</p> <p>PGOP is a three year programme spent in 60 hours. It exclusively focuses on process rather than product. The programme focuses on transforming people by touching the core of an individual. It helps one grow in self-awareness, build self-esteem, grow in understanding and in respect for self and others. It helps one to grow as a person who is encouraged, enhanced and empowered to improve the quality of one’s personal, family and social life.</p> <p>In the first year, students are taken through an experience of discovering oneself: ‘I am a gift. I want to know myself, my shadows and strengths’.</p> <p>The theme of the second year is: ‘You are a Gift’. Growing together promotes wholeness and wellness. We accept the ‘giftedness’ of others through 5 A’s. These are Acceptance, Approval, Appreciation, Affirmation and Acknowledgement. At the end of the third day, a student is made aware of the unique role s/he plays in society, being called to, along with others, make the world a better place.</p> <p>The third year programme focuses on “Relationships”. These relationships promote harmony, discipline, respect and self-esteem. Through various activities and group work students are invited to look into the values that foster relationship: Trust, Openness, Acceptance, Forgiveness, etc.</p> <p>It is character formation and nation building by developing good citizen. Students come back to the counsellors at a later stage to say that PGOP has sown the seed of transformation in them.</p> <p>PGOP has also impacted the faculty. All those who have seriously opted for this programme are touched by this experience. This has brought about an attitudinal change in many faculty. They have become more tolerant, understanding, self giving and others oriented.</p> <p>Since this programme focuses on process rather than product the result of PGOP is not immediate. It is yet to come.</p>

Best practice-1: Active learning through *in Xitu* and DEXIC

1. Title of the Practice: Active learning through *in Xitu* and DEXIC

2. Objectives of the Practice:

- Develop self learning and self motivation
- Develop entrepreneurial skills
- Increase work efficiency, hone technical and soft skills

3. The context that required the initiation of the practice:

This practice began in fulfilment of the entrepreneurship component of the Vocational Biotechnology and Vocational Industrial Chemistry programmes. Internships in companies was a mode of experiencing the technicalities of working of industries. However, the internships were difficult to get and also not very fulfilling. The management and students on brainstorming came up with the idea of beginning a Simulated Unit that the students could own as a small scale industry. Thus, this experiential learning module was initiated.

4. The Practice

Students are trained during the summer in a technical skill that they adopted for production and marketing of products. The students are board members of the simulated unit and divide themselves into different departments like Research and Development, Quality Assurance and Control, Human Resource and Finance, Marketing, Production and Product Designing with a COO and CEO. Thus, there is an organogram that enables them to learn the running of a company. It is a non-profit unit with earnings only for self-sustenance. Every year, the outgoing batch mentors the juniors before handing over the Unit to the junior batch.

5. Obstacles faced if any and strategies adopted to overcome them

The initial setting up of the simulated units were a challenge. However, the purpose of the experiential learning module being envisaged by the management and the faculty, financial investment by the management and a coordinated effort by the students and faculty has ensured that these are fully functional activities. The students have to work before and after college hours, which they willingly do as they have strategically distributed work equally and have a defined schedule. The difficulties are in handling non-working assets (few students who shirk responsibilities), but the maturity evolved in other members ensures that the unit progresses.

6. Impact of the practice

Students who have undertaken this module have developed several life skills. The experience enhances both intellectual quotient as well as emotional quotient, which are both current recruitment requirements. The experience also enables students to realize their potential, based on which they are able to make choices in carving out their future prospects. The feedback has been very positive as the students not just learn the principles of entrepreneurship by doing but they understand their strengths, learn communication and interpersonal skills. They are also able to appreciate science and its contribution to the society.

Some of the student have started their own entrepreneurial set ups.

7. Resources required

Laboratory space, finances and infrastructure facilities

Best practice-2: **Academic Fests: BiocalyX, BheliX, Cognizance**

1. Title of the Practice: Academic Fests/ Co curricular Fests: BiocalyX, BheliX, Cognizance

2. Objectives of the Practice:

- Creating a platform for sharing ideas and knowledge, thereby building a healthy competitive spirit and giving an extension to learning beyond the curriculum (Lateral Learning)
- An experiential learning for event management for students

3. The context that required the initiation of the practice:

Building a constructive atmosphere for education and not limiting it to classrooms and labs was the main objective with the additional opportunity of building the value of volunteerism in the students. A seed needed to be sown, and the growth of which lies with the student body. Thus, the practice is an experiential learning for the students, and in knowing their standing outside their comfort zone. The competitions are a big platform for learning and communicating their subject knowledge.

4. The Practice:

The practice is now an annual event marked in the academic calendar of a department. The event is conducted by the students of the respective departments, for the student body in the state and of the subjects that they are specialization in. The practice ensures that the students have a plan, which they execute to reach out to students from other institutions. A competitive environment is created by inviting experts in the field to evaluate the various competitions.

5. Obstacles faced if any and strategies adopted to overcome them

The challenge is in having a good participation from colleges around the state. The departments and students ensure that the event has become more visible over a period of time. Good participation also depends on how an event is organized, and each year the planning and organizational skill have improved.

6. Impact of the practice

- Enthuses the students to understand their subject as it entails presenting original ideas and thoughts. Thus, a good learning experience.
- Enhances and hones life skills

Volunteerism builds social responsibilities in students

8. Future Plans of action for next academic year 2018-19 (500 words)

- Organise more State level/National/International seminars
- Initiate more programmes
- Introduce online learning module
- Promote swayam programme
- Improve documentation of the institute and initiate data collection and management at the departmental level
- Encourage extension activities
- Revamp Alumni association
- Prepare staff for the extension of autonomy as well as NAAC reaccreditation.
- Encourage research by initiating incentives

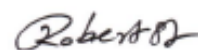
- Promote faculty development and exchange programme for students and staff
- Promote internal auditing of academic and administration
- Increase green cover
- Initiate industry interaction
- Sign more MoUs

Name: Dr Sebastian. Vadakan

A handwritten signature in blue ink that reads "Sebastian".

Signature of the Coordinator, IQAC

Name: Dr Robert Arockiasamy SJ

A handwritten signature in black ink that reads "Robert".

Signature of the Chairperson, IQAC