


Submitted on Sep 28, 2017

## The Annual Quality Assurance Report (AQAR) of the IQAC 2016-17

### Part – A

I.	Details of the Institution	
1.1	Name of the Institution	ST ALOYSIUS COLLEGE (AUTONOMOUS)
1.2	Address Line 1	P.B. No.720, Light House Hill Road
	Address Line 2	Kodialbail Post
	City/Town	Mangaluru
	State	Karnataka
	Pin Code	575 003
	Institution e-mail address	<a href="mailto:admin@staloysius.edu.in">admin@staloysius.edu.in</a>
	Contact Nos	0824-2449700 / 0824-2449701
	Name of the Head of the Institution:	Rev. Dr Praveen Martis SJ
	Tel. No. with STD Code	0824 – 2449703
	Mobile:	9901483231
	Name of the IQAC Co-ordinator:	Dr Denis Fernandes
	Mobile:	9986220459
	IQAC e-mail address:	<a href="mailto:iqac@staloysius.edu.in">iqac@staloysius.edu.in</a>
1.3	<b>NAAC Track ID</b> (For ex. MHCOGN 18879)	KACOGNN10645
1.4	<b>NAAC Executive Committee No. &amp; Date:</b> (For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is	EC(SC)/06/RAR/144, May 01, 2015

  
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		<i>available in the right corner-bottom of your institution's Accreditation Certificate)</i>	
1.5	Website address:		<a href="http://www.staloysius.edu.in">www.staloysius.edu.in</a> / <a href="http://www.staloysius.ac.in">www.staloysius.ac.in</a>
	Web-link of the AQAR: For ex. <a href="http://www.ladykeanecollege.edu.in/AQAR2012-13.doc">http://www.ladykeanecollege.edu.in/AQAR2012-13.doc</a>		<a href="http://www.staloysius.edu.in/aqar2016-17">www.staloysius.edu.in/aqar2016-17</a>

## 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	-	2004	5 years
2	2 <sup>nd</sup> Cycle	A	3.48	2009	5 years
3	3 <sup>rd</sup> Cycle	A	3.62	2015	5 years
4	4 <sup>th</sup> Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

17/03/2004

1.8 AQAR for the year (for example 2010-11)

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2014-15 submitted to NAAC on 01/10/2015
- ii. AQAR 2015-16 submitted to NAAC on 29/09/2016

## 1.10 Institutional Status

University State  Central  Deemed  Private Affiliated College Yes  No Constituent College Yes  No Autonomous college of UGC Yes  No Regulatory Agency approved Institution Yes  No 

(eg. AICTE, BCI, MCI, PCI, NCI)

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Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

Computer Sciecn, Social Work

1.12 Name of the Affiliating University (for the Colleges)

Mangalore University

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

State Government

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

UGC-COP Programmes

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Any other (*Specify*)

1. Community College
2. B.Voc by UGC
3. State Govt, BiSEP
4. DBT Star Status
5. Dept. of Biotechnology (DBT) has granted Bio informatics Facility (BIF) to the College

## 2. IQAC Composition and Activities

2.1 No. of Teachers	08
2.2 No. of Administrative/Technical staff	02
2.3 No. of students	0
2.4 No. of Management representatives	06
2.5 No. of Alumni	01
2.6 No. of any other stakeholder and community representatives	01
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	04
2.9 Total No. of members	23


2.10 No. of IQAC meetings held - 02

2.11 No. of meetings with various stakeholders:	No.	02	Faculty	02
	Non-Teaching Staff	01	Students	
	Alumni	02	Others	0

2.12 Has IQAC received any funding from UGC during the year? Yes  No 

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

  
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(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

New Education Policy  
Up gradation in Educational standards  
Civic Engagement

#### 2.14 Significant Activities and contributions made by IQAC

1. Orientation programme for the newly appointed teaching staff.
2. The daily/weekly programmes in the college are communicated to all the staff of the college through mail, whats app as well as through CC TV.
3. Feedback of different stakeholders have been taken.
4. IQAC publishing monthly bulletin of various activities of the College.
5. Departmental Evaluation was undertaken at the end of the academic year
6. Meeting of various committees were convened and reports of these minutes were documented- follow up was taken.
7. In coordination with the Research Centre of the college, it sent information related to various funding agencies, research opportunities, workshops, training and summer camps to staff and students. It also gave information related to Orientation and Refresher Courses as well as short term courses offered by different academic staff colleges in the country.
8. Information on minor and major research projects were circulated to the staff members.
9. Meeting and conferences were arranged towards up gradation of the institution to higher status.
10. Prepared time bond required reports for university and other regulated bodies.

*Bremark*

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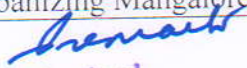
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## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
1. Teaching Learning	<ol style="list-style-type: none"> <li>1. Faculty meetings were held in the beginning of the year and discussed the teaching learning methodology to be adopted. At the end of the academic year evaluation meeting of the faculty was held.</li> <li>2. Workshop on Teaching methodology was held during the year.</li> <li>3. More guest lecture were organized all most in every department.</li> <li>4. Mobile envisioned learning was initiated in a few PG Departments.</li> </ol>
2. Research	<ol style="list-style-type: none"> <li>1. In 2016-17, Fifty Seven Minor Research Projects applied and Eight Research Projects were sanctioned under UGC.</li> <li>2. Four Staff members have obtained Ph.D during the year 2016-17</li> <li>3. Staff research publications were brought out through four college research journals.</li> <li>4. Twenty Three National/International Seminars organised on new findings in different subjects.</li> <li>5. One Major Research Project is sanctioned in May 2016 with a total cost of Rs.23,31,000.</li> <li>6. 8 research project proposals submitted by the Post Graduate students are selected for Students Projects Seed Money from Mangalore Jesuit Educational Society (MJES) to do minor students research project.</li> </ol>
3. Environmental Concerns	<ol style="list-style-type: none"> <li>1. On August 10th the Students' Council conducted an inaugural of "Plant a Sapling a Month" in the Campus. The main objective behind this was to create an awareness regarding the conservation of nature.</li> <li>2. One day camp was organized by the NSS volunteers on July 03, 2016 in the college campus. NSS Volunteers made Rain Harvesting Pits in the college campus near the PG Hostel.</li> <li>3. Swacha Mangaluru Abhiyaan: In association with Shri Ramakrishna Ashram, Mangaluru, NSS Units of St Aloysius has initiated Swacha Mangaluru Abhiyaan, where a team of NSS Volunteers along with other people is conducting a cleanliness program every month in different locations.</li> <li>4. Commerce and Management students were made aware on 'Green Banking' and they were encouraged to present papers in 'Green Banking'.</li> <li>5. International Conference on "Green Chemistry &amp; Nanotechnology Opportunities &amp; Challenges-2017 - Planning today for a sustainable tomorrow" (GENOC-2017) held on February 27 &amp; 28 2017 organized by St Aloysius College in Association with Loyola Academy &amp; Jain University.</li> <li>6. The staff, made poster presentation on "Tree, People And City: A Study on Green Covers of Rapidly Urbanizing Mangalore</li> </ol>

  
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	City” in International Conference on “Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats” jointly organized by Centre for Ecological Sciences-IISC,Bengaluru and Alva’s college Moodbidri & Alva’s Institute of Engineering and Technology Moodbidri during December 28th to 31st2016
4. Improvement in Placement	<ol style="list-style-type: none"> <li>1. Skill development training was given to all final year undergraduate students as a part of their curriculum.</li> <li>2. Special skill oriented trainings were arranged for final year Under Graduate as well as Post Graduate students.</li> <li>3. Forty Eight companies visited the Campus in 2016-17</li> <li>4. 240 students were selected under Campus Recruitment Drive held during the year.</li> <li>5. Student’s Council in collaboration with the Corporates and Placement Cell of the College had organized a job fair on 18th December, 2016 A training session was held on 17th December, 2016, Saturday at 2p.m. in the Commerce and Management block. Nearly 300 candidates benefited from this golden opportunity provided by 12 companies.</li> <li>6. One day seminar on “Empowering youth through skill development” for students of DDU Kaushal Kendra held on 20th-August, 2016.</li> <li>7. Mohammed Ali Rumi, BBA Student was Appointed as Board Member of Ministry of Skill Development and Entrepreneurship of India.</li> </ol>

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

1. Teachers qualification improvement – Teachers were advised to take NET/SLET exams and register for Ph.D – Good number of teachers have improved their qualifications. 64 teachers have registered for Ph D
2. Eminent scholars were invited to the campus and organized lecture series for the students and staff.
3. Regular information provided for the staff and students by using whatsApp, Email and CC TV on funding agencies for research and scholarships.
4. Remedial classes were organized for slow learners.
5. Skill component was added in the syllabus .

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## Criterion – I

### I. Curricular Aspects

#### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	08	0	08	0
PG	18	0	18	9
UG	09	0	03	02
PG Diploma	05	0	05	04
Advanced Diploma	01	0	0	01
Diploma	05	0	02	0
Certificate	22	0	18	0
Others	0	0	0	0
<b>Total</b>	<b>68</b>	<b>0</b>	<b>54</b>	<b>16</b>
Interdisciplinary	17	0	17	0
Innovative	4	0	0	0

#### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

**All 17 PG Courses follow CBCS Pattern**

**Elective options are given in Under Graduate Programmes.**

#### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	28
Trimester	0
Annual	18

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

\*Please provide an analysis of the feedback in the Annexure

#### 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

1. Syllabus being updated in every three years.
2. Curriculum structure has been redesigned for effective teaching learning and evaluation like projects, internship, seminar, assignments.
3. BOS and Academic council meetings are held annually.
4. The Internal & External academic audit are conducted regularly.
5. Feedback from teachers, students, parents is taken annually and during the annual review, the experience of executing the curriculum is discussed and minor changes, if any, are proposed for approval from the Academic Council.

*Remarks*  
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## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	238	191	47	0	0

2.2 No. of permanent faculty with Ph.D.

64

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
191	0	47	0	0	0	0	0	238	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

10

05

0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	18	154	44
Presented papers	126	80	18
Resource Persons	0	09	160

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Information through College website
2. Field study.
3. Orientation programme at the college level and at the departmental level.
4. One student each is present in BOS of every department.
5. The College announces schedule for all co-curricular and extra-curricular activities in advance.
6. LCD, Smart Class and Video Conferencing.
7. Micro teaching.
8. Language and Commerce Laboratories.
9. Media Laboratory and Community Radio 'Radio Sarang' for Journalism students.
10. Use of E-Learning especially for advanced subjects.
11. Library Usage.
12. Hands on experience.
13. Class Guide / Mentor.
14. Summer School programme.
15. Pilot Plant
16. Identification and documentation of Plants, Butterfly, Birds ,Crabs Analysis Water quality

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2.7 Total No. of actual teaching days during this academic year 190

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Double Valuation in PG
- Photocopying facility is provided.
- Re totalling, Revaluation is accepted.
- Online Results are announced.
- Multiple Choice Question papers are given in some subjects.
- Examination Reforms Committee meets regularly
- Examination Complaint Redressal Committee meets regularly.
- Bar coding system has been introduced in a few programmes.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

238	238	238
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2.10 Average percentage of attendance of students 88

2.11 Course/Programme wise

distribution of pass percentage : **Results - April 2017**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass%
BA	92	39	25	20.6	6.5	91.3
B.Sc	271	63.1	18.5	7	0	88.6
B.Com	446	28.9	31.2	25.8	2.9	88.8
BBM	219	10.5	16.9	13.7	37.9	79
BSW	0	0	0	0	0	0
BCA	151	23.2	26.5	18.5	5.3	73.5
M.Sc. Chemistry	27	48.15	51.85	0	0	100
M.Sc. Physics	27	18.52	59.25	11.11	0	88.89
M.A. Economics	10	50	20	30	0	100
MA English	38	10.53	78.94	10.53	0	100
MBA	178	23.03	44.38	26.4	3.93	97.75
MCA	52	63.46	26.92	3.84	0	94.2
MCMS	17	11.76	41.18	41.18	0	94.12
M.Com	59	5.08	44.07	49.15	1.69	100
M.Sc. Software Technology	39	89.74	7.69	0	0	97.44
M.Sc. Bioinformatics	03	100	0	0	0	100
M.Sc. Corporate Psychology	07	57.14	14.28	28.57	0	100
M.Sc. Mathematics	31	19.35	9.68	35.48	19.4	83.87
M.Sc. Analytical Chemistry	19	42.10	47.37	10.53	0	100
M.Sc Biochemistry	10	30	50	20	0	100
M.Sc. Biotechnology	20	50	40	0	0	90
M.Sc. Food Science Technology	30	33.33	33.33	33.33	0	100
MSW	51	29.41	66.66	1.96	0	98.04

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## 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching &amp; Learning processes :


1. In the beginning of the year it convenes the faculty wise meetings for the planning of the year's programme.
2. It convenes separate meetings of Vice principals, Deans and various other committees in the College regularly.
3. IQAC organizes staff training for all and Staff Orientation Programmes for the beginners in the beginning of each Semester.
4. It also deputed the staff to attend refresher/ short term courses organized by the Academic Staff Colleges under UGC.
5. It keeps track with the research activities of the staff members. It encourages them to apply for Major, minor research programmes, present papers in national seminars and publish their research articles in reputed journals.
6. The IQAC has also taken up issues related to Gender sensitivity as well environmental concerns and proposed necessary suggestions in this regard.
7. It arranges meeting of all its members twice a year to take stock of the quality improvement in the college.
8. Besides, it takes feedback from the parents, students and the staff of the college on academic as well as administrative matters.
9. At the end of the academic year it conducts the review meetings of all the departments, the suggestions of these meetings are placed before the Staff Council for further action.

## 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	02
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	0
Faculty exchange programme	0
Staff training conducted by the university	01
Staff training conducted by other institutions	25
Summer / Winter schools, Workshops, etc.	0
Others	0

## 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	128	0	128	0
Technical Staff	10	0	10	0

  
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## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- The College Publishes 4 Research Journals which give opportunity to both the staff and the students to publish their research work.
- The theses of research scholars of the College are made available in the College library.
- Seed money provided for those pursuing Minor Research Projects.
- Laboratory fees waived for the staff pursuing Ph.D.
- Student Research is funded at PG level. They are also advised to apply for funding the projects to various national bodies.
- Total 8 research project proposals submitted by the PG students are selected for financial assistance from Mangalore Educational Society to do Minor Research Project.
- UG Science students are asked to take up at least one Research Project as a part of their curriculum.
- Invited eminent Scholars and Scientists to the Campus to motivate students and staff on Research.
- Coordinator for Research studies has been actively involved in promoting Research among the staff and students by circulating information of various funding agencies as well as evaluating of the Research activity in the college.
- Application for Research Centre in Chemistry and English at our college is submitted to Mangalore University.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	4	0	1
Outlay in Rs. Lakhs	15,11,750	85,34,000	0	55,45,100

#### 3.3 Details regarding minor projects

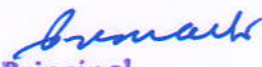
	Completed	Ongoing	Sanctioned	Submitted
Number	23	15	0	8
Outlay in Rs. Lakhs	28,42,000	26,81,290	0	11,80,000

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	35	64	25
Non-Peer Review Journals	2	8	10
e-Journals	118	9	1
Conference proceedings	5	15	2

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

  
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## 3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 years	SERB	23,31,000	12,00,000
Minor Projects	18 Months	UGC	9,90,000	6,90,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	1 year	College	50,000	50,000
Any other(Specify)	-	-	-	-
Total				

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges

Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

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## 3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	08	02	01	11
Sponsoring agencies	Aloysius College of Management and Information Technology, Santa Clara University, State University of New York, North Dakota State University, Le Moyne College, Fairfield University, and Wilmington University in the U.S., and Mercator School of Management in Germany	St Aloysius College, (Autonomous), Mangalore, Western Regional Instrumentation Centre, Mumbai, Sri Sathya Sai Seva organization disaster management team, Karnataka (SSSSO), MJES, Bhabha Atomic Research Centre (BARC), Mumbai.	St Aloysius College, (Autonomous), Mangalore	St Aloysius College, (Autonomous), Mangalore	St Aloysius College, (Autonomous), Mangalore

3.12 No. of faculty served as experts, chairpersons or resource persons 3.13 No. of collaborations International  National  Any other 3.14 No. of linkages created during this year 

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College Total 

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

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3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year.

Total	International	National	State	University	Dist	College
07	01	06	0	0	0	0

3.18 No. of faculty from the Institution who are Ph. D. Guides   
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

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3.24 No. of Awards won in NCC:


University level	<input type="text" value="0"/>	State level	<input type="text" value="02"/>
National level	<input type="text" value="01"/>	International level	<input type="text" value="0"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="0"/>	College forum	<input type="text" value="48"/>	
NCC	<input type="text" value="09"/>	NSS.	<input type="text" value="07"/>	Any other <input type="text" value="32"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- The UG students have 20 hours of "SAHAAYA" outreach programme to get involved in social work with different NGOs.
- All the PG departments have Rural Exposure Programme in the First year. Various Departments and Associations visit Old Age Homes, Tribal Camps, Orphanages, Aloysian Boys Home, St Josephs' Old Age Home and remote villages of the District.
- Centre for Social Concern has organizes social awareness programmes/camps on prevention of Malaria, Alcohol and its Effects, child care and on health and hygiene in the rural /backward areas.
- Community Radio *Sarang* 107.8 FM broadcasts various programmes like Arogya Sparsh. Phone-in Live Programme on Legal Aid, Health issues, regularly in 4 Languages (Kannada, Konkani, Tulu, English).
- Sahodaya, AICUF, AI - Care organize number of programs like Malaria Awareness, HIV-AIDS Awareness, Hygiene Awareness, Medical and Blood Donation Camps, Environment related issues.
- NSS participated in Swachch Bharat campaign in Mangaluru along with Shri Ramakrishna Ashram, Mangaluru.

  
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## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	63.7 acres	0		
Class rooms	151	0		
Laboratories	50	0		
Seminar Halls	15	0		
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	65		College	
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				


#### 4.2 Computerization of administration and library

##### UG & PG LIBRARY

- College library is fully automated having internet facility and online catalogue access facility. EASYLIB – integrated multipurpose library management software is used for library automation.
- Library visit-orientation programmes were conducted to students in groups to provide more information on how to use the ‘digital library’ like Nlist, DELNET, PROQUEST and Jgate data bases and also how to find books using online OPAC
- Staff and students were provided with individual login and pass words to use the Nlist digital library – data base of the INFLIBNET
- College library achieved the distinction of best 10 colleges using Nlist digital library facility securing 5th place in all India level
- PG library is a fully automated Open Access library. Bar-Coding was done for the entire stock of books which enables the circulation procedure easy by using bar-code scanners.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	62534	10994494	857	381245	63391	11375739
Reference Books	67180	15318910	1015	1082645	68195	16401555
e-Books	591000		125000			716000
Journals	746	1677873	193	355840	939	2033713
e-Journals	24700	465231	31147	124000	55847	589231
Digital Database	5		1	11500	6	
CD & Video						
Others (specify)						

  
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## 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	770	11	44 Mbps	4	0	3	44	0
Added		0	80 Mbps	0	0	0	0	0
Total		11	124Mbps	4	4	3	44	0

## 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Computer orientation classes were conducted for the students in the beginning of the year.

## 4.6 Amount spent on maintenance in lakhs :

i) ICT

981914

ii) Campus Infrastructure and facilities

1627768

iii) Equipments

821659

iv) Others

214,37,196

Total :

24868537

**Criterion – V****5. Student Support and Progression**

## 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC collects feedback from the students related to the curriculum, infrastructural facilities and student support services. The analysed data from the feedback is presented in the IQAC meetings and forwarded to the Principal who in turn directs the Vice Principals and the Deans for further action.
- Soft Skill Training Programme
- Leadership programme
- Student orientation programme in the beginning of the year on Autonomous Structure, Examination System, Library usage etc.

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## 5.2 Efforts made by the institution for tracking the progression

- Remedial classes are conducted for the academically weaker students.
- Class Guides and Mentor System is in place as a student support mechanism.
- Regular internal tests/assignments – Progress reports distributed after each test.
- Regular attendance of students monitored – those with attendance shortage were informed well in advance.
- Newsletters are published to promote creative writing skills among students. Several Departments and Associations of the College bring out their own newsletters. There are 22 newsletters and 4 research Journals published by the College every year.
- Counselling services.
- The College conducts Parent -Teacher-student (PTS) meetings after the internal examinations.
- Student Council is a part of the decision making body related to student's issues represented by Elected Representatives - President, Vice president, Secretary, Joint Secretary, Class Representatives and Secretaries of all the Associations supervised by Staff Directors.
- Exposure given through seminars. Hands on workshops, guest lectures, field visits, education tours, poster and paper presentation

## 5.3 (a) Total Number of students

(b) No. of students outside the state

1683

(c) No. of international students

05

	No	%		No	%
Men	2868	50.49	Women	2812	49.50

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
804	63	120	4111	0	5098	937	79	121	4542	01	5680

Demand ratio 1:1.5

Dropout % 0.05

*Bramark*  
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## 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- NET/SLET Coaching classes
- IBPS
- CPT Coaching Classes
- Skill Development Classes
- CAT/MAT Coaching

No. of students beneficiaries

115

## 5.5 No. of students qualified in these examinations

NET	<input type="text" value="01"/>	SET/SLET	<input type="text" value="02"/>	GATE	<input type="text" value="0"/>	CAT	<input type="text" value="0"/>
IAS/IPS etc	<input type="text" value="0"/>	State PSC	<input type="text" value="0"/>	UPSC	<input type="text" value="0"/>	Others	<input type="text" value="01"/>

## 5.6 Details of student counselling and career guidance

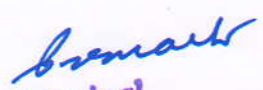
- The placement officer of the College organized Career Guidance Programmes to the final year students in collaboration with the Career Guidance Cell of the College.
- Leadership programme is held for all the students for two consecutive days in the beginning of every academic year.
- The College conducts soft skill training to the final year UG and final PG students, by the trained staff.
- PG departments have designed their Courses with project work for developing higher order analytical and experimental skills.

No. of students benefitted

1553

## 5.7 Details of campus placement

Number of Organizations Visited	On campus		Off Campus
	Number of Students Participated	Number of Students Placed	Number of Students Placed
48	948	240	457

  
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## 5.8 Details of gender sensitization programmes

- Women Cell Commemorated International Women's Day on 8th March 2016 in the College. As a part of this commemoration the Women Cell organized a competition to select Gender Champions, the idea promoted by the UGC.
- The members have attended the programmes conducted by Women Study Centre, Mangalore University from time to time.
- Women Cell periodically meets the lady students and student representatives to assess and organize programmes to sensitise gender parity and concerns
- Women Cell organized a programme on "Freedoms, Dissent in a Democracy in association with Citizens Forum for Mangalore Development on 8th February 2016. Dr Kavita Krishnan, Secretary (AIPWA) popularly known as the voice of the Nirbhaya Protest addressed the students also on gender issues.
- A series of programmes to create awareness on health and hygiene and human sexuality among the final year Lady and Gents students were organized by the Cell in association with the Board of Value Education this academic year.

## 5.9 Students Activities.

## 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

## 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	87	4,40,310
Financial support from government	134	8,08,387
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

*Brenath*  
Principal

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5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: 02

## Criterion – VI

### 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

#### VISION

Empowering youth through excellence in education to shape a better future for humankind

#### MISSION

St Aloysius Institutions of the Mangalore Jesuit Educational Society(MJES) inspired by the person and mission of Jesus Christ, and inspired by the supreme sacrifice of St Aloysius Gonzaga guided by the motto 'Lucet et Ardet' (It shines to rekindle) commit themselves to spread the light of knowledge and wisdom and to kindle the ardour of faith that does justice by forming men and women for others who are academically accomplished, emotionally balanced, morally upright, socially responsible, ecologically sensitive and professionally dedicated so that they are a powerful force for the transformation of society.

6.2 Does the Institution has a management Information System

Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- UGC model curriculum is referred in framing and developing the curriculum.
- Regular BOS meetings and up gradation of syllabus every 3 years
- Inclusion of student representatives in the Board of Studies.
- Feedback from all the stakeholders is considered in framing the syllabus.
- National and global competency is considered while developing the curriculum.
- Academic Audit of the departments is done once in a year. The IQAC monitors the constant progress of every department.
- Every department is expected to organize at least one seminar in a year.
- Staff members are deputed to attend training / orientation programmes.
- Every Staff member is motivated/trained to apply Major/ Minor research projects.
- Staff members are encouraged to register for Ph.D studies and publish their work in research Journals.
- Publication of In-house journals to publish their findings.

*Brenna*  
Principal




### 6.3.2 Teaching and Learning

- The syllabi have been regularly updated. Once in 3 years.
- Sound system has been provided where there was necessity. LCD facility is provided in the Class rooms
- Commerce laboratory concept has been introduced.
- Course outline and syllabus is provided in the website as well as in the library/Registrar's office and departments.
- Almost all Courses predominantly follow lecture method. ICT facilities are used for enhancing the effectiveness
- Student projects and Student research is encouraged.
- The College follows definite schedule for all co-curricular and extra-curricular activities. This would help the students plan their academic and non-academic schedules effectively.
- List of online Journals available in the college is provided for further studies

### 6.3.3 Examination and Evaluation

- The evaluation schedules of both internal and end semester examinations is informed to the students in the beginning of the year through College Handbook. Timely reminders are given from time to time through notices and public announcements.
- Academic calendar is strictly adhered to. Students know in the beginning of the year itself- teaching programmes, internal examinations, end semester examinations, Extra Curricular & Co-curricular activities, the last working day- revision holidays, etc. It will help them to plan their studies accordingly.
- It is mandatory to hold the BOS meeting in each academic year thus giving an opportunity to review the academic content, pattern of question paper, examination system and panel of examiners.
- Examination Manual has been prepared detailing examination system and all issues associated with it.
- Continuous Internal Assessment (CIA)
- Examination evaluation is done in a most transparent way by providing revaluation, retotaling etc.

  
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## 6.3.4 Research and Development

- The College has 2 Research Centres with 16 Research Guides.
- Research Coordinators in the College to monitor the Research work.
- The libraries and Journal section of the College is used as the information resource centres. Timely information is given to the researchers regarding various major and minor research projects through IQAC by the research cell.
- Research methodology seminars are conducted in the College.
- PG departments conduct the research Interaction series in the beginning of every year.
- Eight Minor research Projects were sanctioned by UGC to the faculty of our College.
- The college encourages student research by providing financial support to the students of PG Departments. 8 students have received seed money to undertake Research in 2016-17
- The College has submitted a Proposal for New Research Centres in Chemistry and English to Mangalore University. Final approval is awaited.

## 6.3.5 Library, ICT and physical infrastructure / instrumentation

- The College have Four separate (4806 sq mtr area) well furnished libraries.
- Using Easylib Library Automation Software, library is fully automated.
- Barcoded system is used in issuing and returning of the books.
- OPAC+EPAC catalogue search is available.
- DELNET link to library resources to access e-journals and digital books.
- Digital library wing for internet browsing
- Online Book Search & Reservation - Online access of Databases & e-journals
- New Arrivals list is available in the library weblink.
- Projects/CD/DVD list is available online.
- Photo copying services are provided in each of the libraries. Printing services are provided through the printer present in the Digital Library
- 50% of the Class Rooms are provided with LCD and Computer facilities.
- 9 Research Labs are available for the research
- Necessary major laboratory equipment in the Food Processing Technology/analysis are procured.
- The College has established a Pilot Plant for the processing of fruit and vegetables so that new product development in this sector could be initiated.
- The College has an established CPCSEA approved Animal House.
- There is a lab scale incinerator for bio-medical waste disposal.
- Bird cages/mazes have been established for animal behavioural experiments.
- Science research laboratories provide space and instrumentation facilities round the clock to help researchers pursue their studies
- Commerce Lab - 27 computers with SPSS & SAP software & solutions facilities are available for Commerce and Management and other research scholars.
- The College has a well-established Laboratory of Applied Biology, which has international reputation in Plant Tissue Culture. It also provides space and instruments for researchers of Biological Sciences.

*Bromark*  
Principal



### 6.3.6 Human Resource Management

- At the end of every academic year the departments submit the workload for the following year. The Management Committee reviews the vacancies and makes necessary appointment through a detailed selection process.
- Every year new recruits are exposed to a 6 day programme on training and orientation. The Staff members are sent to attend orientation programmes conducted by the Staff Development Colleges and short term courses.
- The College has conducted a training programme in usage of laboratory instruments for the non-teaching staff.
- Faculty is encouraged to attend seminars and workshops
- Faculty is deputed to attend the Refresher Courses organised by the Academic Staff Colleges of Various Universities.

### 6.3.7 Faculty and Staff recruitment

19 Teaching and 6 non-teaching staff are recruited in the year 2016-17

### 6.3.8 Industry Interaction / Collaboration

- The College has Industry representatives in BOS of every department. The students of PG department are sent to different industries for their project work and internship.
- Different industries conduct campus interviews for UG and PG students.
- The College has established MoUs with some industries. The College has established Industry Interaction Cell.
- Industrial Visits are organised by the departments to get a practical knowledge on the working of industries.

### 6.3.9 Admission of Students

- College has an Admission Committee which meets twice in a year and reviews the admission process in the College.
- Merit is the main criterion for admission, the policy of the College '*preferential option for the poor*' has opened the doors to a large number of socially and economically backward students as well as first generation learners.
- There is a significant increase in the number of OBCs, Minorities, first generation learners and girl students.
- Outstanding achievers in sports and extracurricular activities are given preference in admission.
- Preference is given to the Children belonging to the families of Socially backward communities.

*Bromach*

Principal

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## 6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>• St Aloysius College Teachers Credit Cooperative</li> <li>• Society Aloysian Employees Housing Society</li> <li>• Aloysian Employees Housing Society</li> </ul>
Non teaching	<ul style="list-style-type: none"> <li>• Provident Fund (PF)</li> <li>• ESI Medical Facility</li> <li>• Arrupe fund – Loan without interest</li> <li>• Aloysian Employees Housing Society</li> <li>• Financial assistance for Rectors Charity Fund</li> </ul>
Students	<ul style="list-style-type: none"> <li>• Mid-day Meal Scheme</li> <li>• Scholarships</li> <li>• Fee Concession</li> <li>• Student Cooperative Society</li> </ul>

NIL

## 6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes  No 

## 6.7 Whether Academic and Administrative Audit (AAA) has been done?

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

## 6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes  No For PG Programmes Yes  No 

## 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- **Examination reforms committees** have been set up as regular bodies in each academic year separately for Undergraduate and Postgraduate Courses. Many recommendations have been accepted and introduced.
- **Continuous and objective** evaluation is the basic principle.
- There have been reforms in **question paper setting**. The formats have to be followed very strictly for internal as well as end semester examinations.
- **Single answer booklet system** has been introduced. Question papers are set accordingly.
- **Examination Orientation programmes** are conducted to the newly recruited lecturers on an annual basis.

*Remarks*  
Principal



6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- University team visits the college and takes a stock of the situation in each academic year.
- Annual report on the working of the autonomy is submitted to the University.

6.11 Activities and support from the Alumni Association

#### ACTIVITIES

- 19th March 2016: Eminent Aloysian awards 2016 was organized. Aloysians who received this award were Prof. B.S Raman, Mr. Thumbay Moideen, Dr. K.P. Rao, Dr. K. Ullas Karanth, Mr. Walter D'Souza.
- 20th & 21st August 2016: South Zone General Council meeting of JAAI was held. National level province coordinator of alumni (PCA) meeting was also organized. On 21st National level JAAI GC meeting was organized at AIMIT, Beeri campus
- 30th August 2016: Silver Jubilee celebration of Laity leadership to SACAA was organized. The Patrons, Directors, and office bearers of SACAA of the last 25 years were honored
- 27th November 2016: SACAA cricket tournament and SACAA throw ball tournament were conducted as a part of Reunion 2017 activity. AIMIT Campus Beeri were the winners in cricket and SACAA team won the throwball tournament
- 29th November 2016: SACAA Talk was organized for the benefit of students on the topic "Traffic Awareness". Mr. Shanataram Kunder, Inspector of Mangalore North Police Station was the speaker
- 12 December 2016: Festival get together was organized for SACAA executive & advisory committee members & their family in the college auditorium
- 19th December 2016: Swimming Pool Inauguration ceremony was held.
- 12 January 2017: Reunion 2017 was organized and around 600 alumni participated in the evening fellowship dinner
- 26th & 27th January 2017: Dr. Richard Gonsalves, Mr. Naveen Mascarenhas, Prof. Edmund Frank, Fr. Denzil Lobo S.J. attended JAAI National Congress at Ranchi. Dr. Richard Gonsalves is elected as the Vice President of JAAI for the period 2017-2020

6.12 Activities and support from the Parent – Teacher Association

- After the admission student, along with parents/ guardian meet the Vice Principal and the Dean of the respective faculty to get input about the Course and the regulations of the institution.
- There is constant interaction between faculty students and parents through PTS meetings.
- Regular Parent- Teacher meetings are held to update the academic, co-curricular and extra-curricular performance and the academic progress is informed to the parents after every internal and end semester examination
- Counselling to the students is also done by involving parents if required.
- Parents are involved in creating awareness and follow-up through PTS meetings.
- Feedback is taken from Parent-Teacher-Student (PTS) meeting and the constructive suggestions are implemented.

*Bremath*  
Principal



## 6.13 Development programmes for support staff

- Orientation programme is given in the beginning of the year
- Training programme is conducting when the new software is introducing in the college
- Financial assistance is given to the staff through cooperative society to buy or to build a new house

## 6.14 Initiatives taken by the institution to make the campus eco-friendly

- One day camp was organized by the NSS volunteers on 03-Jul-16 in the college campus. NSS Volunteers made Rain Harvesting Pits in the college campus near the PG Hostel. In the beginning NSS Officer Mr Harshith briefed about the importance of Rain Harvesting and followed by the digging. Two pits were made by 48 volunteers.
- NCC Cadets organised the Swacch Bharat Abhiyaan and cleaned the St. Aloysius college campus on 25-08-2016.
- NCC Cadets participated in the Tree Plantation Programme held at the mother Theresa Peace Park in the St. Aloysius College Campus.
- **Campus Flora** - Labeling of Plants in the Campus
- Fern House upgradation
- Recycling and reusing Chemicals
- Reducing the concentration of solutions for minimal usage of chemicals
- Green approach for the synthesis of organic compounds required for the project work
- Decreased usage of plastic.
- Not using synthetic colour for student activities.
- Minimum usage of paper.
- All the biological waste, and dry leaves generated in the campus are converted to organic compost.
- The campus buildings are designed to store re-use the rain water in the undergrounds tanks.
- The use of solar energy has been promoted extensively in the campus to provide lighting and water heating facility.
- Maintenance of Herbal Garden - Medicinal plants by the staff & students at the Dept. Fern House.
- Introduction of the practicals on 'Green synthesis in organic preparation'.

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## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Inauguration of New Swimming Pool – Which has created new opportunities for the students of Campus as well as public of Mangalore.
- New Basket Ball Court – It provided opportunity of Sportsmen with better facilities.
- Installation of CC Cameras for all the Buildings in the Campus – Provided safety in the Campus.
- Listening Centre under the Supervision of Psychology Dept. – It was felt that a Listening Centre would cater the psychological needs of young students of the Campus to come up from the hurdles they face. A full time and two part time counsellors are appointed.
- Inauguration of Mother Teresa Peace Park – To give an opportunity for the students to conduct various programmes open air, The Mother Teresa Peace Park was inaugurated. Many programmes of student Council as well as Associations are conducted at this open air space.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- New Combination in B.Sc. with Mathematics, Statistics, Economics was introduced.
- PG Students have taken up MOOC Courses in addition to their regular Academic Learning.
- Students Projects were taken up.
- Power Point Presentations, videos and simulations are used for better learning.
- Workshops on Instrumental techniques, Maintenance and Servicing was held.
- To attract the Science students of Pre Degree classes to Under Graduate Courses, seminars, competitions were organized.
- Eminent Scientists and Scholars were invited to the College to have interaction with staff and students.
- New Laboratory Manuals were prepared.
- Students presented papers in the conferences at the National Level and the same were published in the proceedings.
- Students have undertaken interdepartmental projects.
- Science models were prepared and exhibited during the College Fests.
- Students were taken to Regional Science Centres as well as to the Industries to have practical experience in the field.
- Remedial education were taken for slow learners.
- Students participated in subject associations as well as in extra curricular activities.
- A few teachers have received seed money to young scientist for research.
- Bridge courses were conducted for those students who have come from non mathematics background to computer education as well as to business administration.
- Guest Lectures were organized in various departments.
- Coaching classes for competitive exams such as UGC, KSET/NET, GATE were conducted.

*S. S. S. S.*  
Principal

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7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

- Sahaaya - Every Undergraduate student needs to spend 10 hours of volunteering service (SAHAAYA) in a semester in a specified social service organization allotted by the college, personally monitored by the Mentors.
- Counselling services are provided by trained counselors. Students with personal and academic issues those who are distracted, suffer abuse, indulged in substance abuse and lack of goal and orientation in life are counseled. If required they are sent to professional counselors.

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- The entire College is involved in clean green campus programme.
- The Students and the staff are exposed to modern scientific methods of renewable energy sources through various programmes, workshops and national seminars.
- SARANG the community radio station of the college brings out programmes for the public on awareness.
- Gas fired Incinerators is used to dispose medical waste.
- Solar Panels have been installed to generate electricity to computer labs and Solar plants have installed in Boys home and hostels to minimize energy consumption.
- College maintains a micro forest area called ALVANA with all its natural fauna and flora. Here, exotic, endangered species of Western ghats are maintained and conserved
- Vermiculturing and Vermicomposting hands on training is imparted to institutions, teachers, farmers, general public to popularize green technology in and around Mangalore.
- The students of Botany conducted Eco Exhibition during the fests also they were taken to Eco tour.
- There is also Medicinal plants conservation undertaken by Botany Department.
- Students have been given projects on Digital Herbaria – Flora of Campus and Dakshina Kannada District.
- The College also conducts bio week a long competitions on Plants and Animals and their Ecological significance.

7.5 Whether environmental audit was conducted?

Yes

No

*Bremath*  
Principal  
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7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

### Strength

- College is offering a wide verity of courses for the Students.
- Excellent infrastructure facilities with sophisticated laboratories, libraries, Wi-Fi campuses, museums, Class Rooms, and LCD mounted Class Rooms.
- MHRD Govt. of India ranked at 44 among the Best Colleges of the country under the NIRF 2017.
- University Grants Commission (UGC) formally recognized the college as a “College with Potential for Excellence” after a thorough assessment and this status has been extended up to 2017.
- The Dept. of Biotechnology, Govt. of India Conferred **STAR STATUS to the college @ Rs 10.00 lakhs per department (one time) under non-recurring head and Rs 3.00 lakhs under recurring head for three years**. We are one among the 17 colleges in India
- The Department of Science & Technology, Government of Karnataka identified the college for introducing innovative and ambitious advanced post-graduate diploma program under “Biotechnology Finishing School(BTFS)”scheme. The program is being successfully administered in the last few years.
- The College has also been recognized by UGC as a “Community College”.
- The College has a Community Radio-Radio SARANG-FM 107.8 khtz.
- Mangalore University has recognized Postgraduate Department of Biotechnology as a research centre for Ph.D. studies.
- THE WEEK Magazine has ranked St Aloysius college at 23th Position in Science out of 50 top colleges at All India level.
- College publishes 4 Peer Reviewed Research Journals and 22 news letters.

### Weakness

- Non extension of Grant in Aid by the state government.
- Less attraction towards humanities.
- Consultancy needs to be enhanced.
- Indiscriminate proliferation of professional courses

### Opportunities

- Upgrading the College into University.
- To establish networks and linkages with industry and reputed institutions.
- Raising resources through consultation.

### Threats

- Competing Colleges
- Retaining qualified staff
- Raising resources to pay Management paid staff

*Bremath*  
Principal  
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**8. Plans of institution for next year**

1. Acquire University status.
2. Establish schools of excellence.
3. Strengthen Research facilities and to upgrade more and more departments into research centres.
4. To establish Foreign Collaborations and MOU for exchange of staff and students.



Name : Dr Denis Fernandes

Name: Rev. Dr Praveen Martis SJ

\_\_\_\_\_  
Signature of the Coordinator, IQAC

  
\_\_\_\_\_  
Signature of the Chairperson, IQAC  
**Principal**

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