

Submitted on 09/10/2018

The Annual Quality Assurance Report (AQAR) of the IQAC
2017-18

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
		Address Line 2	Kodialbail Post
		City/Town	Mangaluru
		State	Karnataka
		Pin Code	575 003
		Institution e-mail address	admin@staloysius.edu.in
		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:	iqac@staloysius.edu.in
	1.3	NAAC Track ID (For ex. MHCOGN 18879)	KACOGNN10645
	1.4	NAAC Executive Committee No. & Date: (For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner-	EC(SC)/06/RAR/144, May 01, 2015

Dr Denis Fernandes

Principal

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		<i>bottom of your institution's Accreditation Certificate)</i>	
1.5	Website address:		www.staloysius.edu.in / www.staloysius.ac.in
	Web-link of the AQAR:		www.staloysius.edu.in/aqar2017-18
	For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc		

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	-	2004	5 Years
2	2 nd Cycle	A	3.48	2009	5 Years
3	3 rd Cycle	A	3.62	2015	7 Years
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

17/03/2004

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

2017-18

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)

- AQAR 2014-15 submitted to NAAC on 01/10/2015
- AQAR 2015-16 submitted to NAAC on 29/09/2016
- AQAR 2016-17 submitted to NAAC on 28/09/2017

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 Science, 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

Any other (Specify)

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

Principals
Principal

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="09"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="0"/>
2.4 No. of Management representatives	<input type="text" value="04"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="04"/>
2.9 Total No. of members	<input type="text" value="22"/>

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders:

No.	<input type="text"/>	Faculty	<input type="text" value="05"/>
Non-Teaching Staff	<input type="text" value="01"/>	Students	<input type="text"/>
Alumni	<input type="text" value="03"/>	Others	<input type="text"/>

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)

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

Total Nos. International National State Institution Level

(ii) Themes

- Prevention of Sexual Harassment (POSH) and Protection of Children from Sexual Harassment (POCSO)
- Secularism, Nationalism and Communal Politics
- The way of the Orator – a workshop on the basics of public speaking

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2.14 Significant Activities and contributions made by IQAC

The Internal Quality Assurance Cell organised following programmes during the academic year

- Academic Evaluation of the Departments: The Academic Evaluation of both UG and PG departments of the college was done between end of March and beginning of April 2017. Each department presented their performances in the year along with the student feedback about teaching as well as overall performance of the department. A few suggestions were given to these departments for further improvement.
 - NAAC-IQAC prepared and submitted The Week Hansa Ranking of best colleges in India and St Aloysius College has been ranked 23 among the Best Science Colleges in India in 2017. It also participated in the NIRF Ranking conducted by MHRD, Govt. of India and our college has been ranked 44 among the best Colleges in India. It has also submitted the proposal to India Today ranking for the Best Colleges in India.
 - FDP: In the beginning of the year a week long orientation programme was organised for the newly recruited staff members from May 29 to June 3, 2017. There was FDP Programme for all the staff on June 02 & 03, 2017. Another FDP was organised on November 17 & 18, 2017 separately for junior and senior staff members.
 - To bring an awareness among the faculty both at teaching and nonteaching level the college organized workshop on Prevention of Sexual Harassment (POSH) and Protection of Children from Sexual Harassment (POCSO) on June 15, 2017.
 - IQAC drafted the proposal for Deemed to be University Status of the college which was sent to Jesuit General at Rome and the same was approved. It prepared an enlarged proposal of the same proposal with annexures to be submitted to MHRD through proper channel.
 - To create an awareness among the students and the staff members about the constitution of India, 'Constitution Week' was organized from January 22, to 25, 2018. Various programmes like workshop for student council members, competitions for students and guest talks for staff members were arranged.
 - A seminar on "Secularism, Nationalism and Communal Politics" was organised on October 07, 2017.
- Meetings:
- Faculty Meetings: convened the meetings of Arts, Science, Commerce, BBM and BCA Faculty to plan for the year in the beginning of the year.
 - Staff Council Meetings: Arranged two staff council meetings for both PG and UG Councils.
 - Meetings of Various Committees: Meetings of special committees like library committee, admission committee, examination reform committee, malpractice committee, grievance cell, Mentors, class guides and other meetings were held during the year.
 - IQAC Meeting: The meeting of the IQAC along with external experts was held on August 28, 2017 and on February 26, 2018. The suggestions of these meetings are taken up for further improvement.
 - Communication:
 - Weekly Programmes: The IQAC prepared the programmes of the upcoming week in the college and circulated to every staff member through email and whatsapp group.
 - Daily Programmes: Days Programmes are prepared and circulated through email.
 - C C TV: Important notices, circulars and daily events, photographs as well as news and documentaries prepared by the students are displayed in the college through CCTV by IQAC.
 - Documentation: In order to document the activities as well as to record them, IQAC publishes monthly newsletter in the name of SAC IQAC BULLETIN.
 - Research: 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. Coordinators for Research studies have 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.
 - Feedback: The feedback of the following stakeholders was taken and the analysis of the feedback was done. Based on these feedback IQAC gave suggestions to concerned authorities. Student Feedback on teaching methodology was taken at the end of the semester. Each department took the feedback from the students at the end of the academic year. Feedback from the parents was taken during PTS meetings Teachers' feedback was taken at the end of the academic year

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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	<ul style="list-style-type: none"> • 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. • Workshop on Teaching methodology was held during the year. • More guest lecture were organized all most in every department. • Mobile envisioned learning was initiated in a few PG Departments.
2. Research	<ul style="list-style-type: none"> • Nine Staff members have obtained Ph.D during the year 2017-18 • New Research Policy: The MJES has enacted and implemented a Research Policy with effect from October 2017 to promote the research ambience, create and sustain a research culture, motivate staff and students to engage in research activities and to provide a broad framework to guide scholarly research. • New Research Room: A separate research room with necessary infrastructural facilities has been set up for the research scholars in the first floor of Administrative block. • New Research Centres: PG Departments of Chemistry and English have been recognized as the Research Centres for Ph.D programme by Mangalore University. • Department of Science & Technology has sanctioned a DST –FIST five year project (– Fund for Improvement of S & T Infrastructure in Universities and Higher Educational Institutions) to our college on 2nd March 2012 with a total cost of Rs. 45,50,000/- (Rupees Forty Five Lakh and Fifty Thousand only). The project has completed and submitted project completion report to Department of Science and Technology on 8th July 2017. • This year we have applied for DST –FIST (Level -0) - 5 year project- Total Budget - 1,11,50,000/- FIST – Advisory Board has identified our college for support in Level-0 category with a total cost of 95 Lakh. As per their requirement the quotations have been finalized and prioritized equipment's are uploaded.
	<ul style="list-style-type: none"> • Biotechnology Skill Enhancement Program (BiSEP): The Department of PG Biotechnology is identified by the Govt. of Karnataka for the Biotechnology Skill Enhancement Program (BiSEP). The program is for the next 5 years. A financial aid of Rs 10 Lakh per year and a student fee of Rs 50,000 per student, for 20 students per year for the duration of 5 years (Total amount will be equal to 100 Lakh) is sanctioned. <p>Minor/Major Research Projects:</p> <ul style="list-style-type: none"> • The College is having 8 ongoing Minor research projects which were sanctioned in 2015-16. Annual reports of these projects have been submitted and the final report along with UC will be submitted by May 2018. We have completed 28 minor research projects in 2017-18 and submitted final report along with UC to UGC. • Under the VGST scheme of KFIST Level (2). Prof. Ruban S. has been awarded Rs. 40 lakh (for 2 years) for the project entitled "Setting up Big Data Lab and using analytics to identify and manage high risk and high cost patients in nearby hospitals" in November 2017 • Dr Asha Abraham has completed a BRNS Major Research project entitled "Adrenergic receptor subtype functional correlation in the brain and pancreas of high fat simple carbohydrate fed C57BL/6J mice: Implications in metabolic syndrome" (Amount Sanctioned Rs. 29,11,060/-) in May 2017. • All the minor research projects sanctioned during earlier years have been completed and necessary reports have been submitted to the sanctioning authorities. • 10 faculty members from Science Departments identified by the Research coordinators attended Research Based Pedagogical Tools (RBPT) training organized by the

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	<p>Department of Science and technology, Govt. of India across India.</p> <ul style="list-style-type: none"> • 6 Faculty members applied for grants under various schemes of Karnataka-Fund for Infrastructure Strengthening in Science and Technology in Higher Education Institutions (K-FIST). • Large number of students applied for Science Academy's Summer Research Fellowship (SRF); the results are awaited. • One Research Laboratory is named 'Prof. C. N. R. Rao – Instrumentation Lab', commemorating the visit of Prof. C.N.R. Rao, Bharat Ratna Awardee.
Environmental Concerns	<ul style="list-style-type: none"> • The students of DDU Kaushal Kendra, St. Aloysius College Mangalore celebrated The Vanamahotsava programme on 14th July 2017. • Centre for Social Concern organized Door to Door intervention to create awareness on Solid Waste Management (Reduce, Reuse, Recycle and egregation) in Baikampady, Panamboor, Kulai, Kunjathabail, Dongerekere, Kasba Bengre, Thota Bengre, Bunder, Central Market and Jalligudda from November 2017 till date. • Department of Botany organized 'Vanamahotsava' through seed balls on 28-7-2017 at 2:45pm in Botany Lab. As a reparation to this event, on 14-7-2017 the members of the Bioscience association prepared seed balls of four different kinds of plants namely Calophyllum inophyllum (Honne), Coix lacryma-jobi (Chinese pearl barley), Adenantha pavonia (Chenne Kai) and Indigofera tinctoria (Indigo). • Department of MCA, M. Sc (ST), M. Sc (BI) and PGDCA organized 'SwachhthaPakwada' – A Govt. of India initiative was held at AIMIT in the first week of September 2017. • NCC Army Wing conducted Beach cleaning program on the 16th of September in order to mark the International Coastal Cleanup Day. Campus Cleaning Drive & Swachh Bharath Program was conducted by the coy on 23th September 2017. The cadets from the college also took part in a sanitation awareness drive conducted by the 18 KAR BN NCC at the Wenlock Hospital, Hampankatta • NSS Volunteer of St Aloysius College (Autonomous) planted pepper creepers in front of the Arrupe block on the occasion of Vanamahotsava. • NSS units of St Aloysius College (Autonomous) in association with Red Cross unit of Government First Grade College, Balmata had organized vanamahotsava and campus cleaning program on 9 July, 2017 at Government First Grade College, Balmata, Mangaluru. • NSS Volunteers cleaned the garden and its surroundings. Bushes were cut into neat shapes and few plants have been planted in the garden. Drainage is made throughout the campus surroundings to clear the rain water and the ground is levelled by filling the pits in the ground with mud. The college surroundings also have been cleaned by the volunteers. • NSS Units of St Aloysius College (Autonomous) had under taken a water conservation project for Shambhavi river in Sankalakariya village near Kinnigoli. Under the guidance of villagers, Volunteers laid barriers of wooden planks to the Shambhavi river dam. Wooden planks are assigned in such a way that the soil erosion will be prevented, so that water is stored in the dam. Collected water will be used for agriculture, cattle dairy, and paddy harvesting and drinking in the surrounding villages. The Program was organized on Sunday, 3 December, 2017. • NSS Units of St Aloysius College (Autonomous) is one of the member teams of Swacha Mangaluru Abhiyan headed by Shri Ramkrisha Mission, Mangaluru. Staff and the students of the college participated in two cleaning programs and two awareness program under swacha Mangaluru Abhiyaan in the current academic year. In the awareness program students visited the houses and the shops and created awareness among the citizens about cleanliness by requesting them to keep their surrounding places clean. In the Cleanliness program students participated in the cleaning program in the public places. • Swachhatha awareness – Guest Lecture: NSS Units of St Aloysius College, Mangaluru in association with Shri Ramkrishna Mission Mangaluru, had conducted an awareness

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	program on Swachatha, on Friday, 09 February, 2018.
Improvement in Placement	<ul style="list-style-type: none"> • In preparation to Campus recruitment, the Final Year students were imparted Soft Skills as a platform to learn and display employability skills with the following topics that could help them to feel job ready as they start appearing for interviews: Self Awareness, Self Esteem, Positive Attitude, Communication Skills, Time Management, Platform Roles, Self-introduction, telephone Etiquette, Presentation Skills, Confidence Building, Curriculum Vitae, Negotiation Skills, Group Discussion, FAQ's Interview, Mock Interview, Public Speaking and Aptitude Test. • A workshop to improve students' performance in job interviews was organised by the Student Council on 09/8/17 in Eric Mathias Hall at 1:40pm for the 3rd year degree students who had registered for campus placement interviews. • Career Guidance: Pre placement training for the final year MCA and MSc Software Technology, Bio students was held from 2nd to 4th August 2017 from 9.00 am to 5.00 pm • Forty Five companies visited the Campus in 2017-18 • 186 students were selected under Campus Recruitment Drive held during the year.

* 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

- Teachers qualification improvement – Teachers were advised to take NET/SLET exams and register for Ph.D.
- Eminent scholars were invited to the campus and organized lecture series for the students and staff.
- Regular information provided for the staff and students by using whatsapp, Email and CC TV on funding agencies for research and scholarships.
- Remedial classes were organized for slow learners.
- Skill component was added in the syllabus
- College has begun a new process of online admission for the academic year 2018-19 for the UG, PG and Diploma Programmes.

Bremath
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Part – B

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	01	8	0
PG	18	0	18	09
UG	09	0	3	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
Total	68	01	54	16
Interdisciplinary	17		17	0
Innovative	04		0	0

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

All 18 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.

- Syllabus being updated in every three years.
- Curriculum structure has been redesigned for effective teaching learning and evaluation like projects, internship, seminar, assignments.
- BOS and Academic council meetings are held annually.
- The Internal & External academic audit are conducted regularly.
- 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.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

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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
242	198	44	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
198	0	44	0	0	0	0	0	242	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

11

8

0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	36	255	05
Presented papers	76	73	06
Resource Persons	02	14	73

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

- Field study.
- Orientation programme at the college level and at the departmental level.
- One student each is present in BOS of every department.
- The College announces schedule for all co-curricular and extra-curricular activities in advance.
- LCD, Smart Class and Video Conferencing.
- Micro teaching.
- Language and Commerce Laboratories.
- Media Laboratory and Community Radio 'Radio Sarang' for Journalism students.
- Use of E-Learning especially for advanced subjects.
- Library Usage.
- Hands on experience.
- Summer School programme.
- Identification and documentation of Plants, Butterfly, Birds, Crabs Analysis Water quality

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

190

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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

242	242	242
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2.10 Average percentage of attendance of students

87

2.11 Course/Programme wise distribution of pass percentage : **Results – April 2018**

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BA	144	46.52	23.61	19.44	2.77	92.36
BBM	236	15.25	21.18	26.27	12.28	75
B.Com	445	29.66	33.70	21.97	4.49	89.66
BCA	147	20.40	30.61	19.72	5.44	76.19
B.Sc.	266	72.18	15.03	2.63	0.37	90.97
M A Journalism & Mass Communication	18	0	22	33.33	0	55
M Com	59	15.25	47.45	33.89	3.38	100
M Sc Chemistry	29	58.62	37.93	3.44	0	100
M Sc Food Science and Technology	30	70	30	0	0	100
M Sc Physics	29	17.24	31.03	24.13	0	72.41
M Sc Software Technology	37	75.67	24.32	0	0	100
M Sc. Analytical Chemistry	30	43.33	50	6.66	0	100
M Sc. Biochemistry	17	17.64	70.58	11.76	0	100
M Sc. Biotechnology	18	55.55	33.33	11.11	0	100
M.A. Economics	11	45.45	45.45	9.09	0	100
M.A. English	34	17.64	73.52	8.82	0	100
M.Sc. Bioinformatics	4	100	0	0	0	100

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M.Sc. Mathematics	37	24.32	43.24	18.91	5.40	91.89
MBA	227	40.52	45.37	12.33	0.44	98.67
MSW	56	37.50	55.35	5.35	0	98.21
MSc Corporate Psychology	14	57.14	28.57	0	0	85.71
MCA	113	64.60	33.62	0	0	98.23

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

- In the beginning of the year it convenes the faculty wise meetings for the planning of the year's programme.
- It convenes separate meetings of Vice principals, Deans and various other committees in the College regularly.
- IQAC organizes staff training for all and Staff Orientation Programmes for the beginners in the beginning of each Semester.
- It also deputed the staff to attend refresher/ short term courses organized by the Academic Staff Colleges under UGC.
- 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.
- The IQAC has also taken up issues related to Gender sensitivity as well environmental concerns and proposed necessary suggestions in this regard.
- It arranges meeting of all its members twice a year to take stock of the quality improvement in the college.
- Besides, it takes feedback from the parents, students and the staff of the college on academic as well as administrative matters.
- 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

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	06
UGC – Faculty Improvement Programme	02
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	02
Staff training conducted by the university	01
Staff training conducted by other institutions	16
Summer / Winter schools, Workshops, etc.	09
Others	-


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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	132	0	132	0
Technical Staff	11	0	11	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.
- 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.
- New Research Policy: The MJES has enacted and implemented a Research Policy with effect from October 2017 to promote the research ambience, create and sustain a research culture, motivate staff and students to engage in research activities and to provide a broad framework to guide scholarly research.
- New Research Room: A separate research room with necessary infrastructural facilities has been set up for the research scholars in the first floor of Administrative block.
- New Research Centres: PG Departments of Chemistry and English have been recognized as the Research Centres for Ph.D programme by Mangalore University.

New schemes obtained:

- Department of Science & Technology has sanctioned a DST –FIST five year project (– Fund for Improvement of S & T Infrastructure in Universities and Higher Educational Institutions) to our college on 2nd March 2012 with a total cost of Rs. 45,50,000/- (Rupees Forty Five Lakh and Fifty Thousand only). The project has completed and submitted project completion report to Dept. of Science and Technology on 8th July 2017.
- This year we have applied for DST –FIST (Level -0) - 5 year project- Total Budget -1,11,50,000/- FIST – Advisory Board has identified our college for support in Level-0 category with a total cost of 95 Lakh. As per their requirement the quotations have been finalized and prioritized equipments are uploaded
- Biotechnology Skill Enhancement Program (BiSEP): The Department of PG Biotechnology is identified by the Govt. of Karnataka for the Biotechnology Skill Enhancement Program (BiSEP). The program is for the next 5 years. A financial aid of Rs 10 Lakh per year and a student fee of Rs 50,000 per student, for 20 students per year for the duration of 5 years (Total amount will be equal to 100 Lakh) is sanctioned.

Minor/Major Research Projects:

- The College is having 8 ongoing Minor research projects which were sanctioned in 2015-16. Annual reports of these projects have been submitted and the final report along with UC will be submitted by May 2018. We have completed 28 minor research projects in 2017-18 and submitted final report along with UC to UGC.
- Under the VGST scheme of KFIST Level (2). Prof. Ruban S. has been awarded Rs. 40 lakh (for 2 years) for the project entitled “Setting up Big Data Lab and using analytics to identify and manage high risk and high cost patients in nearby hospitals” in November 2017
- Dr Asha Abraham has completed a BRNS Major Research project entitled “Adrenergic receptor subtype functional correlation in the brain and pancreas of high fat simple carbohydrate fed C57BL/6J mice: Implications in metabolic syndrome” (Amount Sanctioned Rs. 29,11,060/-) in May 2017.
- All the minor research projects sanctioned during earlier years have been completed and necessary reports have been submitted to the sanctioning authorities.
- 10 faculty members from Science Departments identified by the Research coordinators attended Research Based Pedagogical Tools (RBPT) training organized by the Dept. of Science and technology, Govt. of India across India.
- 6 Faculty members applied for grants under various schemes of Karnataka-Fund for Infrastructure Strengthening in Science and Technology in Higher Education Institutions (K-FIST).
- Large number of students applied for Science Academy’s Summer Research Fellowship (SRF); the results are awaited.
- One Research Laboratory is named ‘Prof. C. N. R. Rao – Instrumentation Lab’, commemorating the visit of Prof. C.N.R. Rao, Bharat Ratna Awardee.

Arunail
Principal

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	1	1
Outlay in Rs. Lakhs	-	-	40,00,000	31,75,000

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	18	7	-	17
Outlay in Rs. Lakhs	39,46,490	11,97,500	-	36,38,990

3.4 Details on research publications

	International	National	Others
Peer Review Journals	39	2	4
Non-Peer Review Journals	-	10	19
e-Journals	10	1	1
Conference proceedings	96	6	3

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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	2	VGST	40,00,000	20,00,000
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	1	BIRAC SRISTI	1,00,000	1,00,000
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)

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3.10 Revenue generated through consultancy

65,000

3.11 No. of conferences

organized by the
Institution

Level	International	National	State	University	College
Number	5	16	1	0	16
Sponsoring agencies	College. Indian Council of Historical Research, New Delhi.	College. Star College Scheme, Centre for Consumer Studies (CCS), Indian Institute of Public Administration (IIPA), New Delhi. Dept. of Biotechnology, Ministry of Science and Technology, Govt. of India.			College

3.12 No. of faculty served as experts, chairpersons or resource persons

38

3.13 No. of collaborations

International

08

National

08

Any other

0

3.14 No. of linkages created during this year

11

3.15 Total budget for research for current year in lakhs :

From Funding agency

2,40,643

From Management of University/College

75,00,000

Total

77,40,643

3.16 No. of patents received this year

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

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
06	-	-	6	-	-	-

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

16

43

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

0

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

JRF 01

SRF 01

Project Fellows 0

Any other 0

3.21 No. of students Participated in NSS events:

University level 150 State level -

National level - International level -

3.22 No. of students participated in NCC events:

University level 185 State level 74

National level 41 International level 01

3.23 No. of Awards won in NSS:

University level 0 State level 0

National level 0 International level 0

3.24 No. of Awards won in NCC:

University level 0 State level 0

National level 0 International level 01

3.25 No. of Extension activities organized


University forum 0 College forum 12

NCC 05 NSS 10 Any other 34

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

- Each UG student has to spend 40 hours of active engagement in social service during the first two years of Bachelors Programme guided by their Mentors. Social Service for this programme would mean getting involved in the societal issues and concerns like protecting environment; waste Management; campaigns on health issues, substance abuse/ addiction, child rights, women's rights; accompanying the specially abled persons, elderly and terminally ill; school and Anganwadi programmes; awareness programmes and so on.
- 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, Solid Waste Management, 'role of parents in dealing with adolescents in the rural /backward areas.
- Community Radio Sarang 107.8 FM broadcasts various programmes like Vrutti Samrupti, Shubha Mangala, Monthly phone in programme, The regular programmes in four local languages – Konkani, Tulu, Kannada, and Biary.
- Sahodaya Organised the Cultural Fest for the Special Children on December 17, 2017. Overnight camps at Christa Sevaki Ashram Karkala, Manasa Rehabilitation centre for the Mentally Challenged.
- On July 31, 2017 Feed the hunger programme conducted by AICUF members to beggars, children, homeless people living in the streets of Mangalore.
- NSS organized various programmes like Vanamahothsava & Cleanliness Drive, Awareness Program on Malaria Control & Larva Destruction, Swachh Bharat campaign, Blood Donation Camps, Water Conservation Project, NSS Annual Special Camp, Visit to Sneha Sadana - HIV Infected Child Care Centre


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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.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

4.2 Computerization of administration and library

- The libraries are fully automated with EASYLIB library management software and the library catalogues are available online with EPAC facility. OPAC is also available in the library for browsing with sufficient terminals. Libraries have reprographic facilities.
- To keep pace with the modern developments in the digital era, libraries have subscribed to 7 digital databases where thousands of e-journals are available online with full text. DELNET and INFLIBNET.
- N-list databases are also available with more than 3 lakh digital books. To digitize and maintain institutional repository, D-space software is used. Interlibrary loan facility is available through DELNET.
- Technical processing of books is done using Dewey decimal classification system and cataloguing by using Classified Catalogue Code.
- Bar-coding is used for all the circulation transactions.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	63391	11375739	1641	938529	65032	12314268
Reference Books	68195	16401555	917	784093	69112	17185648
e-Books		716000	150 Titles (McGraw Hill Publications e-books)	254712		970712
Journals	939	2033713	99	373141	1038	2406854
e-Journals	55847	589231	24685	477506	80532	1066737
Digital Database	6		2	154580	8	
CD & Video						
Others (specify)			22 (Magazines)	27328		


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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	124Mbps	4	0	3	44	0
Added	15	0	0	0	0	0	0	0
Total	785	11	124Mbps	4	0	3	44	0

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

- LCD Presentations are used by the teachers and students for regular classes and seminar presentations.
- Journalism students prepare documentaries and news videos for the local television channels.
- Computer simulations are also used in virtual laboratories
- Interaction with experts through Video conferencing using a separate software and a dedicated line is effectively used.
- There is provision for considering the MOOCs for overall credits.

4.6 Amount spent on maintenance in lakhs :

i) ICT	16,50,949
ii) Campus Infrastructure and facilities	28,96,826
iii) Equipments	12,60,714
iv) Others	14,51,93,643
Total :	15,10,02,132

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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.

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
- Academically good students are selected and trained as Student Faculty to engage classes for the students of lower classes.
- Research culture among students through assignments, projects and paper presentations will be developed through a structured curriculum.
- Learning resources like information technology gadgets, smart class rooms, internet facilities and library resources will be upgraded.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4425	1591	43	0

(b) No. of students outside the state

2040

(c) No. of international students

03

Men	No	%	Women	No	%
	2996	49.44		3063	50.55

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General	SC	Last Year				Total	This Year				
		ST	OBC	Physically Challenged	General		SC	ST	OBC	Physically Challenged	Total
937	79	121	4542	01	5680	1051	72	126	4806	4	6016

Demand ratio 1:1.6 Dropout % .08

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

- UPSC - Civil Service Competitive Exam Coaching Programme
- NET/K-SET
- Bank Exams

No. of students beneficiaries

102

5.5 No. of students qualified in these examinations

NET	05	SET/SLET	0	GATE	0	CAT	0
IAS/IPS etc	0	State PSC	0	UPSC	0	Others	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

1850

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
45	748	186	245

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5.8 Details of gender sensitization programmes

- Radio Sarang has begun a unique revolutionary programme this year with a transgender Kajal. The programme is titled 'Shubha Mangala'. The transgender makes a weekly programme and has gained wide publicity and popularity.
- The students of Women's Forum conducted a programme on 'Gender Inequality' at Akshawani Mangalore on July 3, 2017.
- On the occasion of Women's Day Celebration, the Women's Forum organized International Level Wikipedia Workshop on Women's Editathan on March 3 and 4, two days.
- Department of Journalism organized 'Samvedhana' 2017, 20TH June- Developmental programme on women's empowerment : Women's issue and violence.

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	318	17,62,770
Financial support from government	1249	82,07,455
Financial support from other sources	03	3000
Number of students who received International/ National recognitions	0	0

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: 06

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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.

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

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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)

6.3.4 Research and Development

- Nine Staff members have obtained Ph.D during the year 2017-18
- New Research Policy: The MJES has enacted and implemented a Research Policy with effect from October 2017 to promote the research ambience, create and sustain a research culture, motivate staff and students to engage in research activities and to provide a broad framework to guide scholarly research.
- New Research Room: A separate research room with necessary infrastructural facilities has been set up for the research scholars in the first floor of Administrative block.
- New Research Centres: PG Departments of Chemistry and English have been recognized as the Research Centres for Ph.D programme by Mangalore University.

Minor/Major Research Projects:

- The College is having 8 ongoing Minor research projects which were sanctioned in 2015-16. Annual reports of these projects have been submitted and the final report along with UC will be submitted by May 2018. We have completed 28 minor research projects in 2017-18 and submitted final report along with UC to UGC.
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- Large number of students applied for Science Academy's Summer Research Fellowship (SRF); the results are awaited.
- One Research Laboratory is named 'Prof. C. N. R. Rao – Instrumentation Lab', commemorating the visit of Prof. C.N.R. Rao, Bharat Ratna Awardee.

B. S. Srinivas
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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.

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.
- In the beginning of the year a week long orientation programme was organised for the newly recruited staff members from May 29 to June 3, 2017. There was FDP Programme for all the staff on June 02 & 03, 2017. Another FDP was organised on November 17 & 18, 2017 separately for junior and senior staff members.
- 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

31 Teaching and 8 non-teaching staff are recruited in the year 2017-18

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6.3.8 Industry Interaction / Collaboration

- The Foreign Collaboration Cell of St Aloysius College, in its effort to offer nationally competitive and internationally recognized opportunities for learning, discovery and engagement to a diverse set of students; expand faculty/student exchange and study-abroad programs, and increase number of collaborative projects, has added the domestic and international linkages.
- 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.
- 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 begun a new process of online admission for the academic year 2018-19. The online system of admission is being introduced for the first time.
- 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.

6.4 Welfare schemes for

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


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6.5 Total corpus fund generated

Rs. 2,00,000

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.

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.

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6.11 Activities and support from the Alumni Association

- 26th & 27th January 2017: Dr Richard Gonsalves, Mr Naveen Mascarenhas, Prof. Edmund Frank, Fr Denzil Lobo SJ attended Jesuit Alumni Association of India (JAAI) National level conference at St Xavier College, Ranchi.
- 24th January 2017: SACAA executive team organized one day picnic at Mr Oswald D'Silva's Beach Resort, Hosabettu, Mangalore.
- 23rd March 2017: Felicitation and Farewell was organized to Fr. Swebert D'Silva SJ on his superannuation and completion of 10years of a Director of SACAA at Mangalore Club.
- 28th March 2017: SACAA participated in the S.A.C Institution farewell party organized in honour of Rev. Fr. Swebert D'Silva S.J
- Participation in WUJA congress by Prof. Edmund Frank: Prof. Edmund Frank represented SACAA in World Union of Jesuit Alumni (WUJA) congress held during 28th June 2017 to 2 July 2017 at John Carroll University, Cleveland, Ohio, USA
- SAC Road Issue: SACAA Supported the college management during the protest against renaming of St Aloysius College Road.
- Meeting with National Advisor of JAAI: SACAA Executive committee had a dinner meeting with Fr Sunny Jacob who is the National Advisor for Jesuit Alumni Associations in India (JAAI) on September 19,2017
- Some Executive committee members took part in the International tour to Vietnam-Cambodia during Nov7-Nov14,2017
- SACAA Organized Cricket and Throw Ball Tournament for the staff of Aloysius Institutions and Old students on November 26, 2017
- Alumni Association members Dr Richard Gonsalves, Mr Naveen Mascarenhas, Ms Jenice Jean Goveas, Mr Dhiraj Sequeira attended South Zone Jesuit Alumni Congress held at Loyola School, Guntur, Andhra Pradesh from 27 Dec 2017 to 29 Dec 2017. Dr Richard is elected as the Secretary of South Zone JAAI.
- On the Foundation day of the institution January 12, 2018, SACAA organized SACAA Reunion 2018. Around 550 old students, staff, well wishers attended the programme.
- SACAA Talk on "Explore your Mind" was organized on February 9, 2018. Mr Surfraz Hashim was the resource person.
- 5 Illustrious Alumni/ae of the Institution was felicitated On March 17 2018. Eminent Aloysian Award Ceremony is scheduled.

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.

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6.13 Development programmes for support staff

- Training programme is conducting when the new software is introducing in the college.
- Motivation/Orientation Programme to all the Administrative staff was held on 7 July, 2017.
- To bring awareness among the staff, the college organized workshop on Prevention of Sexual Harassment (POSH) and Protection of Children from Sexual Harassment (POCSO) on June 15, 2017.
- 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

- Department of Botany organized 'Vanamahotsava' programme through seed balls on 28-7-2017 at 2:45pm in Botany Lab. As a preparation to this event, on 14-7-2017 the members of the Bioscience association prepared seed balls of four different kinds of plants namely Calophyllum inophyllum (Honne), Coix lacryma-jobi (Chinese pearl barley), Adenantha pavonia (Chenne Kai) and Indigofera tinctoria (Indigo)
- The students of DDU Kaushal Kendra, St. Aloysius College Mangalore celebrated the Vanamahotsava programme on 14th July 2017.
- NSS Volunteer of St Aloysius College (Autonomous) planted pepper creepers in front of the Arrupe block on the occasion of Vanamahotsava.
- Campus Cleaning Drive & Swachh Bharath Program was conducted by the NCC coy on 23th September 2017.
- **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.

- College has submitted the proposal to become a Deemed-to-be University.
- New Dean of Foreign/Regional Collaboration with institutions/industries has been appointed.
- College has been upgraded from Star College to Star Status.
- College is granted BiSEP project for Postgraduate Diploma in Biotechnology-Government of Karnataka Scheme.
- Autonomy extended till 2022 from 2017.
- An Entrepreneurial Cell has been set up.
- The MJES has enacted and implemented a Research Policy with effect from October 2017 to promote the research ambience, create and sustain a research culture, motivate staff and students to engage in research activities and to provide a broad framework to guide scholarly research.
- PG Departments of Chemistry and English have been recognized as the Research Centres for Ph.D programme by Mangalore University.
- The College began the UPSC/ Civil Service Competitive Exam Coaching Programme under the abled leadership of Political Science Department.

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

- 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.
- 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 been sent to New York State University on faculty exchange programme.
- Teachers are sent to Numur University Belgium on research extension programme
- 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.

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

- **Counselling Centre:** 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.
- **Sahaaya:** In order to create a sense of 'social responsibility' among students, the college has embarked on an innovative awareness programme called SAHAAYA to the Under Graduate students, thereby aims at fulfilling the mission of the college of 'Preparing men and women for and with others'. This programme demonstrates the crux of Jesuit Education which follows the pedagogy of learning; Context- Experience-Reflection- Action- Evaluation. Each student has to spend 40 hours of active engagement in social service during the first two years of Bachelors Programme guided by their Mentors. Social Service for this programme would mean getting involved in the societal issues and concerns like protecting environment; waste Management; campaigns on health issues, substance abuse/ addiction, child rights, women's rights; accompanying the specially abled persons, elderly and terminally ill; school and Anganwadi programmes; awareness programmes and so on.

*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


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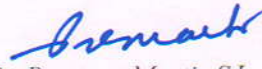
7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

- Departments of English and Chemistry have been recognized as research centres by Mangalore University.
- The college runs a Community Radio, "Radio Sarang- FM 107.8 khtz."
- The prestigious weekly, "The Week" in its survey for the last 3 consecutive years, has rated the college one among the best 25 science colleges in the country. For the year 2017, it has been ranked at 23.
- Government of Karnataka has selected the college under the scheme of "BiSEP" (Biotechnology Skill Enhancement Programme) in 2017.
- The University Grants Commission has awarded "DDU Kaushal Kendra" to the college for offering Bachelors in Vocational Programmes (B. Voc.) from 2015.
- 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.
- College publishes 4 Peer Reviewed Research Journals and 22 news letters
- The College has also been recognized by UGC as a "Community College".
- College has been upgraded from Star College to Star Status.
- Autonomy extended till 2022 from 2017. A team of experts from UGC visited the college

8. Plans of institution for next year

- Acquire the status of a Deemed- to- be University
- Initiate establishment of Academic Schools System
- Introducing staggering time table/ shift system for optimum use of time and infrastructure for select programmes.
- Increase the number of residential programmes
- Provide new and more spacious infrastructure for specific programmes


Name: Dr Denis Fernandes
Signature of the Coordinator, IQAC


Name Rev. Dr Praveen Martis SJ
Signature of the Chairperson, IQAC

Principal
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