

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.3 Average number of professional development / administrative training programs organized by the institution for teaching and non teaching staff during the last five years (8)

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	No. of participants	Year wise count
29/09/2016 to 30/09/2016	Workshop on "R Tool" for the faculties and students	16	2016-2017=04
01/10/2016.	Staff: "Hygiene and Cleanliness Strategies" for saffai karmacharis	23	
13/10/2016 to 14/10/2016	"MOOC's: Design, Development and Delivery"	18	
28/04/2017 to 30/04/2017	Workshop on Experimental Physics	16	
12/10/2017.	Workshop on "Stress Management"	16	2017-18 = 08
25/10/2017	Workshop on "Research Publication Data Management(ORCID)	16	
03/01/2018	A workshop on 'Conflict Mediation' by Ms. Ana Martins, (Psychologist)	21	
07/11/2017	Workshop on "Research Publication Data Management(Researcher-ID)	18	
22/02/2018	"Sharing Multimedia Innovative Techniques/ Technologies used in Teaching Methodologies"	16	
15/02/2018.	Faculty Orientation Programme on "Entrepreneurship"	15	
23/04/2018	Avoiding Plagiarism	19	
23/04/2018	Academic writing - Mendeley	19	





06/07/2018	Modes of Evaluation/Assessments- I	42	2018-19 = 15
20/07/2018	Modes of Evaluation / Assessment -II"	48	
03/08/2018	'Blooms Taxonomy and Flipped Classroom'	23	
16/10/2018	Seminar On "Scholarly Communication	41	
17/10/2018	Workshop-Connect Your Achievements And Contributions On Global Registry	22	
26-10-18	Outcome Based Education	69	
02/11/2018	ESD-Talk on "Safety Measures In The Chemistry Laboratory"	120	
10/11/2018	Workshop- Effective Journal Record Format(Life Sciences)	18	
04/12/2018 to 08/12/2018	Workshop on Petrology	30	
06/12/2018	Staff: Training cum Workshop on Disaster Management	40	
13/12/2018	'Demonstration of Gel Documentation System'	19	
20-12-18	Workshop- Problem Based Learning (Life Sciences)	18	
09/01/2019	Workshop - Flipped Classroom ( Life Sciences)	18	
18/01/2019 to 23/01/2019	Staff: Awareness Programme on E service	17	
22/02/2019 to 23/02/2019	Short term training programme on GIS, hands on training on QGIS	18	
24/06/2019 to 29/06/2019	Staff: Workshop on 'Skills Enhancement'	6	2019-20 = 13
21/06/2019	Workshop On Attainment Of Course Outcomes	60	
30/08/2019	Workshop on Outcome Based Education	23	
14/11/2019	IPR- Seminar on "Research Data Management' for facilitating H Index calculation (Bibliometrics]'	17	





12/12/2019	Workshop on Power Point Presentation	16	
14/12/2019	Seminar on Metrics as a Measure of Scholarly Articles	21	
14/12/2019	Seminar on IPR: Its relevance in academics	22	
16/12/2019	One-Day Workshop on Field-based Training - On Site Use of Current Meter, And Field Testers to Test Water organized under DBT Star College Scheme	10	
7/1/2020	ESD-Workshop on "Academic Writing and Integrity"	12	
23/01/2020	workshop on "Time Management"	50	
23/01/2020	Workshop on "Plagiarism and Assignment Writing"	31	
19/02/2020	Workshop on CLAAP	19	
5/03/2020 to 7/03/2020	Workshop on 'Research Based Pedagogical Tools'	59	
08/06/2020 to 14/06/2020	FDP- Best Practices in Teaching Learning	12	2020-21=17
04/06/2020	ICT Enabled in Higher education	207	
08/07/2020	ESD- Workshop on 'Creating Videos using OBS'	19	
24/06/2020 to 12/08/2020	Meditation and Well being	48	
05/08/2020	Training session on "Chunking"	6	
20/11/2020 to 21/11/2020	Mapping and CO Attainment	58	
31/10/2020	Finalising CO Attainment	27	
13/03/2020	Applications of Course Outcomes plus Curriculum Designing	5	
21/11/2020	LOCF frame work as per the U.G.C guide lines	6	
20/11/2020	Staff: Features of Google Drive	13	
04/12/2020	Staff: Functionalities of Google Suite	9	
13/02/2021	Staff: DHE -ERP IAIMS Portal	8	





10/10/2020	Staff: Computerised Accounting in HEI	7	
01/10/2020	Hands on training on Course Outcome Attainment	8	
29/04/2021	Perspectives of NEP 2020 : Technology in Education	28	
12/06/2021 to 15/06/2021	Workshop on Quality Indicators in HE	15	
09/08/2021	FDP-Research Based Pedagogies	17	

*S. L. Hanh*  
OFFG. PRINCIPAL  
PARVATIBAI CHOWGULE COLLEGE  
OF ARTS & SCIENCE (AUTONOMOUS)  
MARGAO-GOA



# **Internal Quality Assurance Cell (IQAC)**

## **Report 2016-17**



**Parvatibai Chowgule College of Arts and Science**  
**(AUTONOMOUS)**  
**MARGAO – GOA**

**Accredited by NAAC with grade 'A' (CGPA Score 3.41 on a 4 Point Scale)**

**Best affiliated College – Goa University Silver Jubilee Year Award**

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Part – A

**1. Details of the Institution**

1.1 Name of the Institution

Parvatibai Chowgule College of Arts and Science  
(Autonomous)

1.2 Address Line 1

Gogol

Address Line 2

Post - Fatorda

City/Town

Margao

State

Goa

Pin Code

403 602

Institution e-mail address

principal@chowgules.ac.in

Contact Nos.

0832 2722222

Name of the Head of the Institution:

Dr. Nandkumar N. Sawant

Tel. No. with STD Code:

0832 2759504

Mobile:

09850456575

Name of the IQAC Co-ordinator:

Shri H.S.S.Nadkarni

Mobile:

9923686557

IQAC e-mail address:

hsn001@chowgules.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)**GACOGN10023**

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- bottom  
of your institution's Accreditation Certificate)

EC(SC)/01/RAR/82 dated 5.5.2014

1.5 Website address:

www.chowgules.ac.in

Web-link of the AQAR:

[www.chowgules.ac.in/chowgule/IAQC.jsp](http://www.chowgules.ac.in/chowgule/IAQC.jsp)

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	4 star level		October 1999	5 years
2	2 <sup>nd</sup> Cycle	A	3.29	March 2009	5 years
3	3 <sup>rd</sup> Cycle	A	3.41	2013-14	5 years
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

31/05/2004

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)

- AQAR : 2009-10 submitted to NAAC on 21.11.2011
- AQAR: 2010-11 submitted to NAAC on 12.12.2012
- AQAR: 2011-12 submitted to NAAC on 12.08.2013
- AQAR: 2012-13 submitted to NAAC on 26.05.2014
- AQAR: 2013-14 submitted to NAAC on 09.06.2015
- AQAR: 2014-15 submitted to NAAC on 04.04.2016
- AQAR: 2015-16 submitted to NAAC on 25.02.2017



### 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)

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)

### 1.12 Name of the Affiliating University (*for the Colleges*)

Goa University

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence

-

UGC-CPE

-

DST Star Scheme

-

UGC-CE

-

UGC-Special Assistance Programme

-

DST-FIST

-

UGC-Innovative PG programmes

-

Any other (*Specify*)

-

UGC-COP Programmes

-

## **2. IQAC Composition and Activities**

2.1 No. of Teachers

13

2.2 No. of Administrative/Technical staff

3

2.3 No. of students

2

2.4 No. of Management representatives

1

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and  
community representatives

1

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

-

2.9 Total No. of members

22

2.10 No. of IQAC meetings held

6

2.11 No. of meetings with various stakeholders:

No.

3

Faculty

43

Non-Teaching Staff Students

1

Alumni

1

Others

-

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.	32	International	2	National	3	State	9	Institution Level	23
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(ii) Themes

Annexure V

### 2.14 Significant Activities and contributions made by IQAC

IQAC on yearly basis conducts the Induction / Orientation programme (for the First year B.A., B.Sc. students and the newly recruited faculties), Project Orientations for third year B.A. and B.Sc. students, encourage and motivate faculties to organise and attend seminars, conferences, workshops and training programmes, organise talks, interactive sessions etc. Some of the activities organised by the IQAC are as follows:

1. A two days *State Level Workshop* on "All about the MOOCs: Design, Development and Delivery" for the faculty of our and neighbouring colleges. Resource person was, Ms. Ritu Uppal, Head Centre of Educational Technology at Mumbai Educational Trust (MET), Mumbai, India. (Visiting faculty at S.N.D.T. Women's University for masters in Educational Technology Course).
2. A program called 'Positive Chowgules' was organized for the faculty to present the best practises followed in their departments.

### 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
a. Adopt different methodologies in teaching learning and setting a centre for teaching learning.	a. Workshops on the following were conducted under teaching learning methodologies: ( <i>Annexure V</i> ) i. Bloom's Taxonomy ii. Process Oriented Guided Inquiry Learning (POGIL) iii. Short Story Writing

<p>b. Signing MOUs/agreements with various other academic and Non-academic organisations for Academic Exchange Programmes and internships, to enhance and promote research amongst faculty.</p> <p>c. To increase opportunities for students in terms of gender and caste</p>	<p>iv. Experimental Physics</p> <p>v. Techniques and approaches: Principles of Geomorphology</p> <p>vi. MOOCs: Design, Development and Delivery.</p> <p>b. Refer <i>Annexure VII</i></p> <p>A talk on “<b>Prevention of Sexual Harassment at workplace</b>” by Adv. Prassanna Timble under <u>Equal Opportunity Center</u> for girl students belonging to minorities, SC and ST was conducted.</p> <p>NSS Unit of the College organized International Women’s Day. Prof. Sobita Kirtany and Prof. Golda Vaz delivered talks on ‘Positive Psychology’.</p>
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\* 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



## Criterion – I

### 1. 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	2	1	3	3
PG	5	1	6	6
UG	2		1	2
PG Diploma	3		3	3
Advanced Diploma				-
Diploma				
Certificate	7	5	12	12
Others				
<b>Total</b>	19	2	25	26

Interdisciplinary				
Innovative				

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

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	8
Trimester	
Annual	

#### 1.3 Feedback from stakeholders\* (On all aspects)

Alumni ☐ Parents ☐ Employers ☒ Students ☒

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

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

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

Every department has constituted their respective Board of Studies (BoS). They have designed their own syllabi keeping in view the modern day expectations from various sectors in the society; freedom is also exercised to upgrade and modify the same, if desired by following the set procedures under autonomous statutes.

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

- i. B.Sc. in Bio Chemistry
- i. M.A. in Child Psychology and Child Development
- ii. Centre for research in Botany

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
45	14	30	-	1

2.2 No. of permanent faculty with Ph.D.

20

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
-	-	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

5

16

15

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	14	9	31
Presented papers	18	15	6
Resource Persons	-	8	3

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

#### Lecture Method with teaching aids

Teachers engage lectures with the added complements of teaching aids like charts, posters, PowerPoint presentations, audio- video equipments.

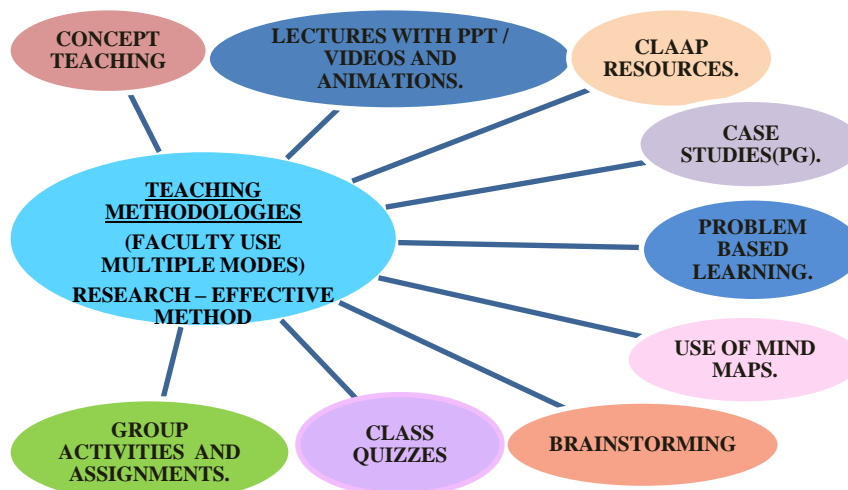


## Interactive Methods

Interactive teaching learning model with a selection of any one or a combination of methods mentioned below.

## Discussion model

The teacher engages the class, through discussion by breaking up a large group of students or engaging a small class in a guided exchange of ideas, experiences, responses etc, to reach an understanding of the study material.



## Innovative Teaching Learning Methodologies

## Inquiry Based model

Here the teacher uses questions to bring the student to an

understanding of the study material. Rather than presenting facts or statically giving information the teacher poses problems, scenarios, case studies to the students.

## Cultural knowledge model

This is mainly used in literature classes - Here the teacher uses cultural comparisons to bring about an understanding of the study material.

## Experiential Learning through...

## Constructivist model

Here the teacher uses activities/tasks/ experiments completed by the students to achieve learning outcomes. Theory is imbibed through the tasks/activities, as the students have to learn, and consume knowledge in order to complete the given work. This method works well for group activities. Students can also experiment and share their findings in this method. This works best in skill-based courses.

### **Application model**

Here the teacher first instructs the class in theory and then gives them activities/tasks to put the theory to use. Students learn through application of the theory rather than only theory. This has been used in skill-based classes.

### **Audio lectures/Video Lectures for flipped classroom model**

These are complementary lectures which are used in the flipped class format. Resource material sourced from the internet can be used as additional resources for the students to access knowledge from.

Most of the Science departments have already started adopting the ‘Process Oriented Guided Inquiry Learning’ (POGIL) methodology which improves students critical-thinking and problem-solving skills, their performance and engages higher-level thinking skills.

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

181
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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)

Under Autonomous structure, the students are assessed on a regular basis termed as ‘Continuous Assessment’ and at the end of a semester through ‘Semester End Examination’. The weightage in percentage is 40 and 60 respectively. The stated percentage under continuous assessment in terms of marks reflects as 40 marks for courses without practicals and 30 marks for courses with practicals.

Assessment for every unit / module of a course is done covering the “Continuous Assessment” component using written/oral examinations, open/closed book tests, Scheduled/ Surprise, objective / multiple choice questions; assignments, report on field visit observations, Short-answer type, Essay type, Seminar, Assignment, Experimental work, Journal paper Review, Peer group assessment, etc.

For courses having practicals, the assessment is done on a regular basis by evaluating the conduct and performance of a student in the laboratory. No separate examination is held in this regard.

Internship trainings are initiated and coordinated by departments and recorded with the college administration.

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

The institution being autonomous all the regular faculty are members of their respective Board of Studies in accordance with Goa University ordinances. Some faculties are also members of the BoS in their respective subjects at the Goa University.

Board of Studies: In college– 76; In Goa University - 3

2.10 Average percentage of attendance of students

>75%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Bachelor of Science	121	40%	29%	15%	-	4%
Bachelor of Arts	92	25%	33%	20%	-	5%
Post Graduate Courses (Degree / Diploma)	124	60%	49%	59%	48%	74%

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

The IQAC has constituted a committee which consist of senior faculty from other colleges besides the Dean of Sciences and Arts of our college to conduct an ‘Academic Audit’ of every department with respect to the courses conducted, evaluation methods employed, student – feedback, time analysis in terms of completion etc.

The Academic Audit is taken up as a process for improvement and up gradation of the courses within the adopted autonomous system.

The Academic Audit encompasses the implementation of the teaching-learning-evaluation processes and the contribution towards achieving the vision and mission of the College. It also aims to incorporate teacher-students comments/suggestions, if any with focus towards improvement and enhancement of quality of teaching-learning a subject.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	1
UGC – Faculty Improvement Programme	-
HRD programmes	1
Orientation programmes	3
Faculty exchange programme	10
Staff training conducted by the university	4
Staff training conducted by other institutions	5
Summer / Winter schools, Workshops, etc.	
Others	

### 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	64	6	6	12
Technical Staff	13	2	2	4



## Criterion – III

### 3. Research, Consultancy and Extension

For this academic year the IQAC had taken multiple initiatives to promote research in the institution. The Research committee initiated 'Research Discussion Forum'(RDF) to provide a platform for interaction of faculty to initiate interdisciplinary collaborations in the institute. The Forum had three day interactive sessions to enable faculty to prepare 'Interdisciplinary research proposals' to address issues related to the environment / Society.

The other initiatives taken are as follows:

- For promoting Student research:
  - Research methodology workshops for students –were conducted to orient them on how to formulate research proposal, how to write research project, Plagiarism and Referencing Styles.
  - Research database – Reference / Policy documents were uploaded on college website. These included 'Introduction to research', Plagiarism policies, Referencing Styles.
  - Local / national/ international Linkages were created for research purpose.
- For Promoting Faculty Research:
  - To encourage the faculty of the institution to complete their PhD research work - , 'Special teaching assistance' was provided.
  - Adjustment of lecture schedules in timetable was permitted to facilitate research activity.
  - A special 'Research section' was created in the library to encourage faculty to carry out their research works.
  - Creation of Research guide document(on website): Guide to 'Research project supervisor', Guide to 'Research Project Examiners'.
  - To promote research culture - Research orientation workshop was conducted for newly recruited faculty members to understand the research environment and facilities available for them at the institute
- Research database:
  - Work was continued to collect and organise the data for creating Research Portal on the college website.
  - The IQAC prepared a 'Handbook of research at Chowgule College' which has data of past 03 years.
- Linkages and MOUs:
  - New Linkages were initiated with 09 institutions and companies and MoU was signed with 05 institutes, for research activities, internships and job placement for students

### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	2	-	3
Outlay in Rs. Lakhs	-	18.1	-	31

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	-	06
Outlay in Rs. Lakhs	-	0.45	-	24

### 3.4 Details on research publications:

	International	National	Others
Peer Review Journals	23	4	-
Non-Peer Review Journals	--	--	1
e-Journals	23	4	-
Conference proceedings	--	4	-

### 3.5 Details on Impact factor of publications:

Range 0.3 – 6.2 Average 4.4 h-index 3 Nos. in SCOPUS 4

### 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 Research Project	2014-17	SERB	13,10,000/-	10,00,000/-
	2015-2018	UGC	13,85,000/-	5,00,000/-
Minor Projects	2016-2018	UGC DAE CRS	45,000/-	45,000/-
	2016-17	Ravindra Bhavan Margao (Art and Culture Department, Government of Goa)	25,000/-	25,000/-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total		02	27,65,000/-	15,25,000/-

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 - NA

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

3.11 No. of conferences / seminars / workshops organized by the Institution

Level	International	National	State	University	College
Number	2	3	10	--	18
Sponsoring agencies	ICSSR, University of Kelaniya, Srilanka; University Goa Commission(UGC); Chowgule Education Society (CES)				

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

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	1
	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
2	-	-	1	-	-	1

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

3

8

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

04

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

JRF

1

SRF

-

Project Fellows

14

Any other

-

3.21 No. of students Participated in NSS events:

University level

9

State level

28

National level

-

International level

-

3.22 No. of students participated in NCC events:

University level

-

State level

4

National level

2

International level

-

3.23 No. of Awards won in NSS:

University level

-

State level

3

National level

-

International level

-

3.24 No. of Awards won in NCC:

University level

-

State level

1

National level

3

International level

-

3.25 No. of Extension activities organized

University forum

-

College forum

4

NCC

NSS

29

Any other

-



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

Students along with N.S.S. volunteers wholeheartedly participated in the celebrations for the National days i.e. 15<sup>th</sup> August and 20<sup>th</sup> January besides the Goa Liberation day or the 19<sup>th</sup> December and the Gandhi Jayanti or 2<sup>nd</sup> October. Apart from undertaking cleanliness drive in the college campus, the volunteers took part in the Swach Bharat Abhiyan Pakhwada organized by MHRD, Government of India. A Cultural Programme was also presented by the students on these occasions.

After inaugurating the N.S.S. unit, the volunteers were oriented towards their duties and the activities. Patriotic singing competition, tree plantation drive, making of Paper bags, blood donation camp etc. were some of such activities. The volunteers also, participated at a one day state level seminar under the guidance of N.S.S. Programme officers on the occasion of International Youth Day. Several competitions were organized for the students on the N.S.S. Day celebrations on 24<sup>th</sup> September 2016.

The students were a part of the digital India workshop organized by the Goa University. In addition, they were participants and winners of several competitions at District and State level.

Guidance towards Ethical voting was provided to the students on the National Voters Day through a talk on the subject delivered by Dr. G.S. Desai they were also made to administer an oath in this regard. The volunteers were also participants at a rally organized in this regard by the District Collectorate.

As a part of the community service, the students of the college have initiated a programme 'Chalo School Mega Drive' for Children from the weaker section of the society. The Government run primary and secondary schools from nearby village have been adopted under this initiative.

Amongst the other activities, visit to old age home is primarily taken up for a social cause. The US consulate conducted a talk on the opportunities available for higher education in the U.S. to all the students across disciplines.

## 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	53190 sq. mtrs	-	CES	53190
Class rooms	42	-	CES	42
Laboratories	13	-	CES	13
Seminar Halls	2	-	CES	2
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	3	5	Non Salary Grant & self finance courses	8
Value of the equipment purchased during the year (Rs. in Lakhs)	190.13	25.62	Non Salary Grant & self finance courses	215.75
Others				

#### 4.2 Computerization of administration and library

The entire campus of the college is being equipped with Wi-Fi connectivity. The administrative procedures are carried out under a fully computerised setup. The admission process is done online. Furthermore, the results are made available to the students on the college website.

Also, the faculty and the students are provided with unique email I.D.'s to make communication possible via emails.

The college library is housed in a separate building and books, periodicals, and research journals are issued online. The library has initiated INFLIBNET facility for research students and faculty. The library also, has inhouse photocopying center for use of students and staff.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	19,246	11,25,206.5	410	2,35,065	19,656	13,60,271
Reference Books		5				
e-Books	45000					
Journals	165	3,21,444	24	84,245	189	4,05,689
e-Journals	5	15000				
Digital Database	--	--				
CD & Video	545	1,00,000	12	-	557	1,00,000
Others (specify)	We do Access Open source database from INFLIBNET, DIGITAL LIBRARY OF INDIA & Others.					

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	273	9	52 Mbps	Lab1	Lab 3	130	124	35
Added	3	0	20 Mbps	0	0	0	0	0
Total	276	9	72 Mbps	30	35	118	124	34

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

Technology has been playing vital role in our day to day working schedule. Every non teaching staff connected with administrative work has been equipped with a desktop and access to internet.

An induction programme is conducted every academic year for the newly recruited faculties to get oriented / trained in the usage of technologies and the basic software designed and being used in college.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	18.75
ii) Campus Infrastructure and facilities	0.45
iii) Equipments	1.69
iv) Others	0.20
<b>Total :</b>	<b>21.11</b>

## Criterion – V

### 5. Student Support and Progression

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

The IQAC initiates several programmes for the students in association with the Student Support Services cell of the college. In the very beginning, the newly admitted students are oriented towards the course structure under autonomous status and are familiarised to the college campus.

The Student Support Services has several facets. It renders counselling to the students on academic and non-academic issues; provides career guidance and also offers personal counselling.

The Writing Centre which forms a part of the cell conducts BEC Course under Cambridge University and also provides assistance to students in writing assignments and project reports.

The Statistical Analysis Support cell helps students and faculty members in preparing statistical data with respect to their assignments/projects /research respectively.

The Student Support Services under its banner has Exchange Programmes for students and faculty members with institutions in Sweden and Japan emphasizing on culture and biodiversity.

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

Grade tracking and target setting for students. The students admitted to various courses are required to set targets towards their performance at each semester and their progress vis-a-vis the set target is monitored at the mentor-mentee meetings.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1122	193	08	

#### (b) No. of students outside the state

55
----

#### (c) No. of international students

6
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Men	No	%	Women	No	%
	424	32%		898	68%

No	%
898	68%



Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
974	12	42	100	2	1174	1130	19	57	115	1	1322

Demand ratio 94.53%

Dropout% - 1.07%

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

No. of students beneficiaries

-

#### 5.5 No. of students qualified in these examinations

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

#### 5.6 Details of student counselling and career guidance

- The Career and Personal Counseling Centre organized a series of workshops on "*Effective Study Skills*" for students of the college.
- A '*Career Camp*' for students of SSC and HSSE from different schools on 17– 19<sup>th</sup> April, 2017.
- An event '*Mindkraft*' on 10<sup>th</sup> January, 2017 in association with the students of Psychology
- Ms. Vidya Balekai as personal counsellor of our college was invited a resource person in various schools to conduct counselling sessions.
- The Centre provides information to students on careers and courses that they can pursue after their graduation.

No. of students benefitted

116

#### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
2	50	2	35

### 5.8 Details of gender sensitization programmes

A talk on **“Prevention of Sexual Harassment at workplace”** by Adv. Prassanna Timble under Equal Opportunity Center funded by University Grants Commission (UGC) was organised by the departments of Sociology and Economics for girl students belonging to minorities, SC and ST was held on 1<sup>st</sup> March 2017.

Apart from above the College also has a statutory committee on Prevention of Sexual Harassment at work place governed by a policy that is documented and is displayed on the college website.

### 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 (in Rs)
Financial support from institution	1	8,000
Financial support from government	39	23,975
Financial support from other sources	9	13,580
Number of students who received International/ National recognitions		

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: NIL

## Criterion – VI

### 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

**VISION:** “To be among global leaders in imparting relevant education of highest standards in a disciplined and conducive environment”

**MISION:** “To continue to be pioneers of change using cutting edge educational inputs and technology, providing equal opportunities to all and inculcating social and moral values that will transform society and the nation at large”

6.2 Does the Institution has a management Information System

Yes, the Institution does have a *Management Information System* of its entire staff including the database of even newly appointed staff members. All the students and the staff of the college have generic email IDs. Further, online admissions, learning resources, booking of college facilities, notifications on mentoring programme and other related aspects are conveyed through the college information system.

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

6.3.1 Curriculum Development

The Board of Studies in all subjects proposes syllabi encompassing needs of the industry and the fundamentals of a course. Many of such courses are designed for skill development and career progression of the students.

### 6.3.2 Teaching and Learning

The faculty are encouraged to adopt innovation in their routine teaching. The college has provided LCD facilities in every classroom as most of the faculty employs power point presentations in their regular teaching. Also, in field experience is provided to relate basic concepts to natural settings.

### 6.3.3 Examination and Evaluation

The faculty exercises the freedom to evaluate a student under “continuous assessment” adopting various modes; a centralized semester end examination is conducted and assessed through centralized assessment system, results are processed and declared on the college website

### 6.3.4 Research and Development

The college encourages faculties to direct their focus on research related activities like taking up major-minor research projects, attending seminars / conferences/ workshops and submitting papers for presentation, publishing research papers, books etc.

Three major research Projects and one minor project undertaken this year.

Book Published	Edited Books	Chapter in Book	Book in Proceeding
4	3	16	2

Particulars	International	National	State
Paper Publications	23	4	1
Paper Presentation	13	19	7

	International	National	Others
Peer Review Journals	23	4	-
Non-Peer Review Journals	--	--	1
e-Journals	23	4	-
Conference proceedings	--	4	-

***Annexures VI***



### 6.3.5 Library, ICT and physical infrastructure / instrumentation

The College library has teleconferencing and INFLIBNET facility providing access to 3200 research journals and encouraging the users to use e-resources; besides books, the library is now digitized for online accession and reservation of reference material. The library subscribes to research journals and magazines published by various agencies. The Library also has a collection of educational video resources as well as movie DVDs. These are specially used by the language departments to enhance the learning process of students and to make their use in discussions and debating. Library arranges hand delivery of reference material and books to physically handicapped students.

The College has a huge campus area of 53190 square metres with vast infrastructure which includes 42 classrooms, 12 laboratories, two seminar halls, research centres, a sports area for indoor as well as outdoor sports, four conference rooms and two main faculty staff rooms along with separate staff rooms allotted to the science departments. Furthermore, at the Tiger studio there are extra-curricular activities for students like photography, sketching, dancing, singing etc. Movie shooting & recording arrangements are also available at the Studio. The Tiger Co-op offers basic necessity items for students like stationery and snacks. There is a huge parking space provided for students and faculty, outside the College.

### 6.3.6 Human Resource Management

The institute retains and recruits dynamic faculty who has potential to progress in teaching, is research oriented, and involved in co-curricular and extra-curricular activities. The recruitment process is governed by UGC and state government regulations. The selection process is attuned towards recruiting competent and committed faculty. The college has a Human Resource (HR) section to look into the modalities of the recruitment process.

### 6.3.7 Faculty and Staff recruitment

The college under the autonomous status has continued to follow standard guidelines of the Goa University and follows necessary procedures in the recruitment of staff and faculty with selection being done solely on merits.

- Planning: Vacancies are decided according to student enrolment, introduction of new courses or super annuation of teachers. The requirement of faculty / staff for recruitment is advertised on the advice of

the Head of a Department in accordance with calculated workload. Advertising of posts is done in national and local newspapers, as well as on the College website.

- Recruitment: The Selection Committee is constituted as per the statutes of the Goa University SC-5. The Selection Committee consists of the following personnel.
  - a. Chairman of the Governing Body of the College or his/her nominee to be Chairperson of the Selection Committee.
  - b. Principal of the College.
  - c. One senior teacher/Head of the Department (of the concerned subject) preferably having not less than 10 years of service as a teacher.
  - d. Two nominees of the Vice-Chancellor of the affiliating University of whom one should be a subject expert.
  - e. Two subject experts not connected with the college to be nominated by the Chairperson of the Governing Body out of a panel of names approved by the Vice-Chancellor.
- The College practices the policy of equal opportunity for all, there is no discrimination done based on religion/ community / caste / gender. The selection of candidates is done through interviews of the candidates by the Committee members and is purely based on merit. The college has a high number of female members. The male to female ratio is 42:58. Individuals from different religions, caste and community represent the faculty of the college.
- Besides providing secretarial support to some departments for administration, those involved in active research are provided with the services of Research Assistants. Under the 'Earn while you Learn' scheme, students help is derived by the faculty in research work.
- Management acknowledges contributions of faculty and has constituted awards under categories like:
  - a. Best Teacher - Award for Excellence in Research & Consultancy
  - b. Best Teacher - Award for Excellence in Student Related Activities
  - c. Best Teacher - Award for Public Relations

#### 6.3.8 Industry Interaction / Collaboration

The college has initiated links with reputed research institutes and colleges from within and outside the state like NIO, NCAOR, ELA Farm. Kansai University, Osaka, Japan, Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj, Sangli, Synod College Shillong, Meghalaya, Lal Bahadur Shastri College of

Arts, Science and Commerce, Satara Maharashtra, Government College of Arts & Science and Commerce, Sankhali, Goa State Biodiversity Board, & Technical Support Group (TSG), Carmel College for Women, Nuvem, Vidya Prabodhini College of Commerce, Education, Computer Science and Management, Alto-Porvorim.

National and International exchange programmes were conducted as a part of the understanding developed:

SN	Exchange programme With	Details
<b>I</b>	<b>International</b>	
1.	Waseda University, Tokyo, Japan	Sameena Faleiro and Ashok Dange along with eight students went to Waseda University, Tokyo, Japan from 6th November to 20th November, 2016.
2.	University of Sri Jayewardenepura, Sri Lanka	Merel DSilva, Janet Araujo and Sailee Gaonkar along with nine students were a part of the <b><u>Academic Exchange Programme</u></b> to University of Sri Jayewardenepura, Sri Lanka, from 5 <sup>th</sup> to 15 <sup>th</sup> December 2016. The students presented papers at the Indo-Sri Lankan International Academic Seminar organized as part of the programme.
3.	Tullinge Gymnasium Stockholm, Sweden. Bromma Gymnasium, Stockholm, Sweden.	Ashok Dange, Madhavi Motankar, Sachin Moraes and Andrew Barreto along with 18 students proceeded to Sweden from 23/04/2017 to 06/05/2017.
<b>II</b>	<b>National</b>	
4.	S.S. Jain Subodh P.G. Mahila Mahavidyalaya- Jaipur	Eltrin D'souza and Rucha Kamat along with 11 student of Department of English organized <b><u>Cultural Exchange Programme</u></b> with the students and teachers of Jaipur Institute.
<b>III</b>	<b>Regional</b>	
5.	Present Soft Technologies, Mapusa	Department of Computer Science organized an <i>interactive session</i> between Anay Kamat from Present Soft Technologies, Mapusa and the students of M.Sc. IT Part I as a part of <b><u>Academic Industry Interaction Programme (AIIP)</u></b> on 12th January, 2017.

The college has conducted various activities collaboratively linking us to many other organisations as well for better curricular prospects. Some of the organizations / industries are mentioned in *Annexure VI*.

### 6.3.9 Admission of Students

As a policy the admission of students is done online and merit is considered as a prerequisite for admission to various courses. Use of debit / credit cards and online transactions are adopted as the mode of payment of fees. Needy students are given due considerations.

### 6.4 Welfare schemes for

Teaching	Financial incentive on completion of Doctoral degree. Incentives for outstanding contribution in research and consultancy, extracurricular activities and public relations.
Non teaching	Incentives for outstanding services in administrative work and support services.
Students	- CAUSE (Corpus Altruus: Ushering and Supporting Education) - Students Aid Fund - Principals Contingency fund - Scholarships

### 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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes	
Administrative	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Yes	

### 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?

Under Autonomous structure, the students are assessed on a regular basis termed as 'Continuous Assessment' (CA) and at the end of a semester through 'Semester End Examination' (SEE). The weightage in percentage is 40 and 60 respectively.

The "Continuous Assessment" is done using modes such as written/oral examinations, open/closed book tests, Scheduled/ Surprise test, objective / multiple choice questions; assignments, report on field visit observations, Short-answer type, Essay type, Seminar, Assignment, Experimental work, Journal paper Review, Fieldwork, Viva Voce, Peer group assessment, etc.

For courses having practicals, the assessment is done on a regular basis by evaluating the conduct and performance of a student in the laboratory. The daily assessment is based on the rubric of assessment prepared by the course faculty. The student's are made aware of their performance. To bring in transparency, internal assessment are shown to the students followed by discussion on their shortcoming.

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

N.A.

#### 6.11 Activities and support from the Alumni Association

Apart from department level alumni units, the college has an Alumni association. Also, the alumni represent on every Board of Studies of the college.

#### 6.12 Activities and support from the Parent – Teacher Association – N.A.

#### 6.13 Development programmes for support staff

The college organized a *talk* on '**Cancer Awareness amongst women and teenagers**' by Dr. Rutuja Vernekar for support staff of the college (ladies) on 5th October 2016 at 3.30 p.m.

Meditation session was organized every morning between 09.00 a.m. to 09.30 a.m. for teaching and non teaching staff.

Sport hour has been allotted for the non teaching staff i.e. outdoor games on Wednesdays and indoor games on Friday.

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

- i. The college has laid emphasis on online communication and data storage and processing thereby reducing the usage of paper in its day to day work.
- ii. A Swacch Bharat Pakhawada was organised from 1<sup>st</sup> October to 15<sup>th</sup> October 2016 wherein NSS, NCC and sports students were involved in promoting clean surroundings.
- iii. Most of the extension programmes organized are green: Mementoes/gifts for guests are upcycled and recycled material.

## 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.

1. Orientation Programmes for Students
2. Innovations In Teaching Learning Methodologies
3. Memorandum of understanding (MOU), Collaborations, Linkages and Exchange Programmes
4. Internship
5. Encourage Research Culture
6. Students Support Services
7. Faculty Sports Hour/ Exercise regime (Yoga/Gym)
8. Clubs / Forums
9. Graduation Day
10. Student-Teacher Bonding

#### 1. Orientation Programmes for Students:

A weeklong orientation programme was conducted for students to understand choice based credit system and the course structure of the undergraduate degree programme.

This year at the third and fourth semester level students were introduced to a pool of elective courses. Students had to choose one, two or three electives depending on their majors. Each department had



extensive interactions with students to ensure clarity in their choices. Administratively, an extended period of time was given to the student to choose their electives.

The implementation of academic autonomy was addressed through various effective and innovative teaching-learning methods. The college continued with the centralized assessment programme for assessment at Semester-End Examination along with introduction of exam reform.

The Academic Audit was continued this year to ensure quality education and assessment of the courses offered by the college.

## **2. Innovations In Teaching - Learning Methodologies and Assessments**

Teachers experimented with modern teaching learning methodologies commensurate to the new courses introduced through the autonomous structure. New assessment modes were also introduced and adopted in the second year of autonomy at the continuous assessment level as well as the Semester End Exam Level along with the written examination mode, namely -

- Submission based SEE,
- Project based SEE,
- Portfolio based SEE,
- Term-papers based SEE

The following table succinctly puts forward the various innovations at the departmental level to indicate the institution level reform:

SN	Departments	Innovative processes adopted by the institution in Teaching and Learning	Examination/ Reforms initiated by the Institution	Evaluation by the
1.	Botany	- Experimental learning, Activities involving research and presentation by students	Open book	
2.	Chemistry	- POGIL	-----	

3.	Computer Science	<ul style="list-style-type: none"> <li>- Use of ICT tools and ICT based material (ppt, pdfs, websites, YouTube videos, etc.)</li> <li>- Use of resources available in the LMS interactive activities of Quiz, Chat, Assignment, etc.</li> <li>- Encouraging Group discussions, Brainstorming, Case studies, Debates and Quiz's in class</li> <li>- Lectures with the help of power point presentations specially prepared for every paper.</li> <li>- Questions based on Blooms Taxonomy</li> <li>- Problem Solving and POGIL during classroom sessions (PGDCA)</li> </ul>	<ul style="list-style-type: none"> <li>- Online Certifications (Spoken Tutorial, Mumbai-IIT) were conducted and marks scored by Students were considered as Continuous Assessment Marks</li> <li>- Poster Presentation for Continuous Assessment</li> </ul>
4.	Economic	Interactive lectures, Discussion Forums, Debates, Seminars, Guest lecture, Experiential learning, Case study, Presentations and Problem based learning Peer learning, Assignments, Research Writings, and Projects.	<ul style="list-style-type: none"> <li>a) Open book test</li> <li>b) Paper review</li> <li>c) Multiple Choice Question</li> <li>d) Case study</li> <li>e) Seminars</li> </ul>
5.	English	Lecture Method Lecture Method with teaching aids Interactive Methods Discussion model Inquiry Based model Cultural knowledge model Experiential Learning through... <ul style="list-style-type: none"> <li>- Constructivist model</li> <li>- Application model</li> <li>- Audio lectures/Video Lectures for flipped classroom model</li> <li>- Use of Cooperative Learning Strategies</li> </ul>	<ul style="list-style-type: none"> <li>- Open Book Examination</li> <li>- Online Multiple Choice Questions</li> <li>- DST (Digital Short Story Telling)</li> <li>- Interactive Newsletter</li> <li>- Online MCQ for self-study (Visual Literature)</li> <li>- Short unit tests</li> <li>- All students shown answer books after tests</li> <li>- SEE - submission of research papers (Visual Literature)</li> <li>- SEE - Submission based / Applicative (Writing for Media)</li> </ul>
6.	French	Games for the students, Debates, Discussions, Quiz, Presentations, Dialogues.	Open Book Examination
7.	Geography	Inculcating Writing Skills amongst students, communication and presentation skills, on-field teaching and learning	-----

8.	Geology	<ul style="list-style-type: none"> <li>- Regular field visits to places of geological relevance</li> <li>- Visits to reputed institutes like NIO and NCAOR</li> </ul>	<ul style="list-style-type: none"> <li>- Open book test</li> <li>- Documentary film making on the geological features in Goa</li> <li>- Assignment based on observations of geological features during field visits.</li> </ul>
09.	Hindi	Assignments, Group discussion, Debates, Student's presentation, Street plays, Role play, Participation in seminars and workshop, Storytelling methods	C.A. – Assignment, Written Exam, Paper Presentation & Multiple Choice Questions
10.	Konkani	Lecture Method, Discussion Method and Presentation Method.	Projects and Assignments (using ICT)
11.	Mathematics	problem solving and Self-learning	open book tests, multiple choice tests and presentations
12.	Marathi	<ul style="list-style-type: none"> <li>- Group Discussion</li> <li>- Presentations</li> <li>- Self learning</li> <li>- Field work</li> </ul>	<ul style="list-style-type: none"> <li>- Assignments</li> <li>- Multiple Choice Questions</li> <li>- Written Exam</li> <li>- Open Book Test</li> </ul>
13.	MA. Hindi	<ul style="list-style-type: none"> <li>- Assignments</li> <li>- Group discussion</li> <li>- Debates</li> <li>- Student's presentation</li> <li>- Participation in seminars and workshop</li> <li>- Story telling methods</li> <li>- Lecture Method</li> </ul>	<ul style="list-style-type: none"> <li>- Assignments</li> <li>- Presentation</li> <li>- Multiple Choice Questions</li> <li>- Written Examination</li> </ul>
14.	MA. Psychology	Experiential learning through case studies and practicum	Open Book Examination
15.	M.sc. Analytical Chemistry	POGIL (Process Oriented Guided Inquiry Learning)	
16.	Physics	Department of Physics adopted Peer Instruction Teaching Method	Assignments in the form of working models
17.	Psychology	street play, dumb charades, debate, bake or paint, review of literature, essay writing, movie review, survey, Movie/book presentation related to topics covered in the syllabus.	-----

18.	Sociology	- Experiential learning	<p>Alternative Semester End Assessment in three papers of S.Y.B.A:</p> <p>1. Globalization and New Media (Digital Story Telling):- a practical paper with i. creating a documentary using pictures ii. Creating a documentary using videos.</p> <p>2. Teaching Sociology: Theory and Practice: - a practical paper involving students to demonstrate their teaching skill in a class. (two hour long classes) The S.E.E was based on the detail reflection through a 24 page reflective report.</p> <p>3. Introduction to Qualitative Research Methods: The paper being practical in nature the S.E.A was based on the development of a research proposal which was judged with the help of a rubric designed.</p>
19.	Students Support Service	- Google Classroom	Online Multiple Choice Questions.
25.	Zoology	<ul style="list-style-type: none"> <li>- Problem based learning.</li> <li>- Group learning activities.</li> <li>- Projects</li> <li>- Interactive learning</li> <li>- Devised protocol for conducting practical – enabling higher order thinking.</li> <li>- Research publications related to teaching learning</li> </ul>	<ul style="list-style-type: none"> <li>- Devised rubric for continuous assessment of practicals.</li> <li>- Continuous assessment of courses of the department includes ‘Problem based learning activities’ as component for each assessment to evaluate thinking and analytical skills of students.</li> </ul>

**3. Memorandum of Understanding (MoU)** – The College has been in the forefront in promoting tie ups with various universities, colleges and industries or organisations that will enable us to grow to higher levels in our pursuit for excellence. In accordance the college has signed MOUs/agreements with various state, national and international bodies referred in ***Annexure VII***.

**Positive Outcomes:**

**i. MoU with University of Sri Jayewardenepura, Sri Lanka**

- Nine students and two faculties from the Social Sciences, accompanied by Ms. Merel DSilva (Assistant Professor and Coordinator for the Programme) visited Sri Lanka, as part of the

Academic Exchange Programme with University of Sri Jayewardenepura, Sri Lanka, from 5th to 15th December 2016. The students presented papers at the Indo-Sri Lankan International Academic Seminar organized as part of the programme.

- Subsequently, 17 students accompanied by three faculty of Department of Geography, University of Sri Jayewardenepura, Sri Lanka, visited our college from 15th to 19th March 2017. The two institutes jointly organized an *Indo-Sri Lanka Students Seminar* on “Changing Geographies of Cultural Landscape (India and Sri Lanka)” on 18th March 2017, wherein, students from both institutes presented papers.

**ii. MoU with Gogate-Jogalekar College, Ratnagiri, Maharashtra**

- As a part of MoU activity, a team of geography students, accompanied by Mr. A. Ashish, participated in the Intercollegiate Geography Event “Pan-Geo 2017” organized by Gogate-Jogalekar College, Ratnagiri on 9th February 2017.
- Gogate – Jogalekar College, Ratnagiri, Maharashtra organized oral presentation competition in ‘Astronomy and Astrophysics’ wherein our physics students participated.

**iii. Collaborations and linkages –**

Our existing Memorandum of Understandings (MOUs) have helped us in conducting various activities collaboratively and have linked us to many other organisations as well for better curricular prospects. Our college has collaboratively organized more than fifteen activities with different institutes or organisations or industries. (*Refer Annexure VII*)

**Intra- Departmental Collaborations:**

The Department of Computer Science in collaboration with Dept. Of Geography organised a Training programme on Libre Office for Staff members of Department of Agriculture from 2nd November 2016 to 4th November 2016

**iv. Exchange Programmes and Visits (Not prescribed by Curriculum):**

International and National Exchange Programmes were undertaken by the college they are as follows:

- a. Academic Exchange Programme.
- b. Faculty Exchange Programme.
- c. Student Exchange Programme.
- d. Cultural Exchange Programme

*For more details refer Annexure VII*

#### **4. Internship :**

Under Autonomous status, internship is an important aspect in our college. All the students are asked to do internship with the companies/ organisations/ institutes/ industries informed by the departments or approached by the students on their own in their respective field of subject. The duration for this internship is one month and is usually conducted during the vacations. The college has also taken initiative in approaching various industries/companies/organisations that can provide internship to our students. The following are the institution/organisations/industries where students are doing or have already done their one month internship this year:

- |   |  |
|---|--|
| a. Kare Labs, Verna                                 | h. Manipal Hospital, Goa                     |
| b. Raikar Lab, Margao And Goa Diagnostic Lab, Ponda | i. Rajgiri Hospital, Pathology And Radiology |
| c. Trimurti Pathology Lab, Borda                    | j. Aximsoft, Coimbatore                      |
| d. Cipla Biotec Pvt. Ltd. Verna                     | k. Divine medical                            |
| e. Cycling Zens, Assagao                            | l. Trimurti Hospital                         |
| f. Dive Goa, Candolim                               | m. Hospicio Hospital                         |
| g. Royal Hospital                                   |  |

#### **5. Encourage Research Culture:**

The college encourages faculties to direct their focus on research related activities like taking up major-minor research projects, attending seminars / conferences/ workshops and submitting paper presentation, publishing research paper publications, books, appearing as resource persons etc.

Three major research Projects and one minor project undertaken this year.

Book Published	Edited Books	Chapter in Book	Book in Proceeding
4	3	16	2

Particulars	International	National	State
Paper Publications	23	4	1
Paper Presentation	13	19	7

	International	National	Others
Peer Review Journals	23	4	-
Non-Peer Review Journals	--	--	1
e-Journals	23	4	-
Conference proceedings	--	4	-

*Annexure VI*



**6. Students Support Services –** Our students support service comprises of the following:

- i. *Career and Personal Counselling Centre:* The Career and Personal Counseling Centre (CPCC) helps students understand and accept themselves “as they are”. The CPCC services undertakes vocational guidance (aptitude testing), career counseling, personal counseling, skill enhancement programmes, workshops which include group discussions, presentation skills, stress management, time management etc. Students can come to the centre when they need vocational guidance, career counseling or personal counseling.
- ii. *Writing Center:* Advisors at the writing centre help students to improve their written communication skills in English, in order to help them become an independent, efficient and confident writer.
- iii. *Statistical Analysis Support Service(SASS):* “The Statistical Analysis Support Service offers services such as design appropriate questionnaires, collates the data collected, arranges the data in order of its importance, analyzes it in a meaningful way and presents it in a manner that enables the researcher to draw logical and meaningful conclusions. SASS enhances the clarity about understanding various research problems and it also leads to improvement in the quality of the research conducted on various topics. SASS welcomes our college faculty, students and even individuals from other institutes and industries”.
- iv. *Centre for Portuguese Language and Culture (CPLC):* encourages the learning of Portuguese language and deepen the understanding of Portuguese culture. The College inked a Memorandum of Understanding with the Instituto Camões, Portugal under the Foreign Ministry of Portugal, to establish our Centre for Portuguese Language & Culture (CPLC ).
- v. *Business English Certificates (BEC) course* is introduced by our college which is offered by Cambridge University, for the benefit of its students. BEC enables our students to develop the four important skills of reading, writing, listening & speaking in English, to build their confidence to use these skills effortlessly, mainly in their workplace and gain an internationally accepted certificate.
- vi. *Exchange Programme:* The College is involved in student-teacher exchange programmes with International schools and institution (Sweden, Japan). Students and teachers from these countries visit our College for two weeks. Besides enjoying the unique culture and experiencing the way of local life they get an opportunity to experience our system of education and participate in research activities. Many programmes and visits to places of tourist and historical interests are organized to acquaint them with our culture and traditions.

Likewise, our students and teachers make a return visit to these institutions with a similar programme there.

- 7. Faculty Sports Hour/ Exercise regime (Yoga/Gym) -** Realizing the importance of a healthy body along with healthy mind the faculty members created a faculty hour where a large number of teachers play football weekly. Teachers were also introduced to yoga and regular sessions of Yoga have been conducted. Teachers have also been encouraged to avail of the gym facilities at college, which many have been doing.

**8. Clubs and Forums:**

The Clubs are initiated and managed by the students, which provides them recreation through various diversifying activities such as sports, hobbies, performing arts, extension activities, entrepreneurship and subject related activities.

**Extension / General / Departmental Clubs**

- |   |                              |
|---|------------------------------|
| 1. 'HUMAN HEALERS' Club   | 4. Birders' club             |
| 'G.L.O.B.E' (Geographers Loving Our Beautiful Environment)        | 5. 'The Chowgule Foss Club'  |
| 2. 'A.G.E.S' (Association of Geography Ex Students) (Alumni Club) | 6. 'Nebulites' Club          |
| 3. TED Lovers Club  | 7. Biotechnology Club*       |
|   | 8. 'Marathi UrjaManch' club* |

**Skilled Based**

- |   |                                   |
|---|-----------------------------------|
| 9. Parvatibai VachanMandir – Readers Club | 13. Club Mynd Space               |
| 10. Click Club (Photography)              | 14. Club Carpe Diem (Poetry)      |
| 11. Fusion Club (Music)                   | 15. Cine Club (Film Appreciation) |
| 12. D-Dynamics Club (Dance)               | 16. Creative Club                 |
|   | 17. Hiking Club                   |

**Sports Clubs**

- |                           |                         |
|---------------------------|-------------------------|
| 18. Tiger Athletics Club  | 23. Tiger Chess Club    |
| 19. Tiger Badminton Club  | 24. Tiger Cricket Club  |
| 20. Tiger Baseball Club   | 27. Tiger Cycling Club  |
| 21. Tiger Basketball Club | 28. Tiger Fitness Club  |
| 22. Tiger Boxing Club     | 29. Tiger Handball Club |

30. Tiger Hockey Club
32. Tiger Judo Club
33. Tiger Martial Arts Club
34. Tiger Mind Sports Club
35. Tiger Power Club
37. Tiger Swimming Club
36. Tigers Marathon Club

38. Tiger Table Tennis Club
39. Tiger Tennicoit Club
40. Tiger Tennis Club
41. Tiger Volleyball Club
42. Tigers Staff Club

#### **Students Council Club**

43. Indian Culture Club

#### **College Forums**

1. Economics Forum
2. History Forum
3. SOPHIA Forum

A large number of students participated in various activities under taken by the clubs through the year. Whereas the clubs regularly meet weekly (sometimes more than twice a week as well), listed below are some stand out activities conducted to be of few clubs:

- Chowgules Birders Club organised Lecture series on 8<sup>th</sup> August, 2016. The resource persons were Dr. ManojBorkar, Ms. Marvelyn Dias and Dr. NandiniVaz Fernandes who spoke on “Our Feathered Friends and Enemies: Applied Dimensions of Ornithology”; “My birding Experience’ and “Introduction to Birding – Birding Etiquettes and Qualities of Good Birder” respectively.
- The Chowgule’s birders Club(CBC) organised the first Birdwalk on 27<sup>th</sup> August, 2016. It was held at Borim. 36 CBC members participated in the birdwalk where they identified 26 species of birds.
- On 12th November, 2016 , a group of 5 students of Chowgule Birders Club, Ms. Venia Pereira, Ms. VaibhaviNaik, Ms. Malaika Chawla, Ms. VaishnaviPrabhu and Ms. Kenneth Ayaswamy along with Dr. NandiniVaz-Fernandes attended lecture series of ‘Bird festival of Goa’ organised by Forest Department of Goa, at GomantVidhyaNiketan. The lectures were delivered by renowned Birders on ‘Bird Calls’ and ‘Bird Diversity of Goa’.
- Chowgule’s Birders Club (CBC) on 26th November, 2016 organized a bird walk for the Swedish delegates who visited the college under the aegis of MoU with Tullinge and Broma Gymnasium, Stockholm, Sweden.
- The Chowgule’s Birders Club organised the Birdwalk on 21st January 2017 at Curtorim. The birders identified 32 species of birds. A remarkable view was sighting of paradise flycatchers and orioles.
- Geography Club “GLOBE (Geographers’ Loving Our Beautiful Environment)”, organized a Monsoon Trek to Mainapi Waterfalls at SavoiVerem on 31st July 2016. The trek was organized to

familiarize the students with various geomorphic features and to explore the biodiversity in the area.

- The Nebulite club organized a talk on “Seismicity in Goa” by Dr Nisha Naik, Associate Professor, Department of Civil Engineering,, Goa Engineering College, Goa
- Club Carpe Diem in collaboration with Dogear's Library conducted open mic poetry recitations every first Friday of the month through the year 2016 - 2017
- Speaker's Club organized a talk on Scientific Awareness by Mr. Somu Rao on 29th of August, 2017.

9. **Graduation Day:** Graduation Day was held on 20th May, 2017. The students were given certificates with respect to their completion of Graduation, Post-graduation and Honours degree programmes respectively.

10. **Student-Teacher Bonding:** *Refer point no. 7.3*

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

- a. Second year of implementation of autonomy.
- b. Total 27 courses in undergraduate and Post graduation, are being offered whereas in Honours, 15 courses were being offered
- c. 32 courses are being offered. Total workshops have been organised by the College.
- d. MoU's, collaborations, seminars, press releases, workshops.
- e. There is an increase in the No. Of faculties acquiring the degree of Ph.d. and Ph.d. registrations
- f. An increase in publications.

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

**Best Practice I: Student - Teacher Bonding through Out-of-Class Activities**

1. **Context & Goals:** The institute prides itself in creating long lasting relationship which transcend beyond the classroom and curriculum. Teachers no longer remain teachers but become mentors, motivators and life-coaches. To this effect, the institution has put in place various mechanisms and activities to foster such connections. The endeavour is that through such activities students build connections with teachers and are imbued with life-long interest in subjects, meet acclaimed people in the field, develop soft skills, - all this through the teacher. A corollary to this is that it also showcases the

college to other institutes - Schools and Higher Secondary - through word of mouth as well as activities that bring these students to visit the college.

**2. The Practice:** There are three broad activities that are the foundation of student teacher-bonding:

**i. Mentor – Mentee Meet:**

The college organizes a mentor mentee meet every year so that students (mentees) are being properly guided and are given personal attention. The meet focuses on targets to be set by the mentees for their academic performance and in also developing a mentor-mentee rapport. Mentees can share their thoughts about anything and discuss whatever they want in this safe zone. The mentees meet their respective mentors regularly for necessary, help, advice, guidance or just a listening ear. Mentors can also run interventions with their mentees or their teachers when needed.

**ii. Departmental / external activities and competitions:**

Each department organizes various departmental activities wherein the faculties supervise or monitor their students to organize activities that would give a push to their organizational abilities. Several departments conducted activities as under:

- i. **Department of Biotechnology** - Annual Exhibition Cum Event “SYNAPSE”, chart making competition on “Good Laboratory Practises”,
- ii. **Department of Botany** - Intercollegiate event ‘PLANTICA’, Science Fest,
- iii. **Department of Chemistry** – KYNESIS’
- iv. **Department of Computer Science** – Intercollegiate IT festival “I-RIX”,
- v. **Department of English** - “Shakespeare Festival - The Bard by the Mandovi 2016”, Pegasus, Cosfest Goa 2016 -Bringing Pop Culture to Life, Literati! 2016, Omega 2016, study tour to Kala Ghoda Festival 2017
- vi. **Department of Economics** – Intercollegiate event - Revelations’,
- vii. **Faculty of Languages and Literature** - ‘Twenty First Intra -Collegiate Poetry Recital and presentation Competition – ‘Kavya Sandhya 2017’
- viii. **Department of Geography** - Observed “World Population Day”- the Theme: “Girls with Dreams become Women with Vision”, Observed Hiroshima-Nagasaki Day, Intercollegiate event “Geographize”.
- ix. **Department of Geology** - Intercollegiate event – ‘Nebula’.
- x. **Department of Hindi** - Tulsi aavam Premchand Jayanti, ‘Hindi Saptah’, Swarchit Kavita Vachan Competition, Parvati vachan Mandir,
- xi. **Department of History** - *Panel Discussion* on 'Sensitization of HIV AIDS'.

- xii. **Department of Konkani** - Celebration of 141<sup>st</sup> Birth Anniversary of Shenvoi Goembab, Observed the death anniversary of Dr. Madhavi Sardesai, well known Konkani Writer and Critic, 'Vachan Mandir program on "Pavsachyo Kavita", 'Srujanotsav-2016', Meet the author.
- xiii. **Department of Marathi** - 'Marathi Bhasha Diwas' Lokmanya Tilak Punyatithi,
- xiv. **Department of Mathematic** – 'Mathemagic'
- xv. **Department of Philosophy** - Essay writing, debate and quiz competitions
- xvi. **Department of Physical Education & Sports** – 54<sup>th</sup> Annual Athletic Meet.
- xvii. **Department of Psychology** - Mind Kraft, Discussion Forum on the theme 'Underachievers - From Caterpillar To Butterfly'
- xviii. **Department of Sociology** - Intercollegiate event – 'Goenkarponn', "SOCIOFIESTA", *intra-class competition* on 'Resurrection of women Sociologist'
- Department of Zoology** - Intercollegiate event - 'SYMBIOSIS'.

### iii. Educational Tours / treks / visits to respective related field:

These Educational Tours / treks / visits enhance the knowledge of the students as they explore practical work ethics and professionals. These visits develop strong bonding and understanding between the faculties and the students.

- i. The Department of Zoology organized field *trip* to 'National Centre for Antarctica Ocean Research (NCAOR)', 'Bhagwan Mahavir Wild Life Sanctuary, Mollem', 'study avain biodiversity of Ratnagiri', 'Ambolim', 'ICAR - Old Goa and Ela farm - Old Goa and to Cutbona fishing jetty and fish landing centre'.
- ii. The Department of Geography under their Club "GLOBE (Geographers' Loving Our Beautiful Environment)" organized a Monsoon Trek to Mainapi Waterfalls at Savoi.
- iii. The Department of Economic (through Economics Forum) organized a *field trek* to 'Netravali wildlife Sanctuary'.
- iv. The Department of Psychology conducted a *field trip* to 'Sethu – Family Development Center in Sangolda and Kripa Foundation – a rehabilitation center in Anjuna'.
- v. The Department of English organized a *study tour* to Kala Ghoda Festival 2017.
- vi. Our College NCC Unit conducted Summer Trek.
- vii. The Department of Sociology organized its annual *field Trip* to 'Morpirlla Tribal village' in Quepem Taluka.



3. **Evidence of Success:** Large numbers of students participated in these activities which were aimed to help identify, and nurture the leader in them. Soft-Skill development, independence of the students in decision making, entrepreneurship skill development, human resource management are observable during the lead-up to inter-school and higher secondary and inter-collegiate competitions. Through the various activities it is observed that student-teacher rapport increases leading to a better dynamic between the two.

**Best Practice II: Positive Chowgules:**

Positive Chowgules is a recent initiative to bring together all the departments of the college with the sole intention of sharing what they consider their best practises of the year. This is organized at the end of every semester. Departments present and share their best practices in terms of academics, evaluations, teaching methodologies, extra-curricular activities, and motivational strategies. This encourages collaborations between departments once they identify areas they need to work on.

Some of the stand-out practices followed by the departments are:

- Evolved teaching methodologies which involve blended learning, student-centred learning, cooperative learning strategies, flipped classroom methods, experiential Learning
- Evolved assessments - interactive quizzes, use of Audio and Audio-visual submissions, posters, role-play, plays, debates, discussions, term-papers, project based assessments etc
- Encouraging students to try their hand at research through the conduct of Seminars, Conferences and workshops, as well as sending students out to present at various Seminars, Workshops and Conferences.
- National level seminars, conferences and workshops organized which tie -in with syllabus content to give students insights into current thoughts and research in their areas of study
- Extra-curricular events, tie-ups, based on the students' major-minor programme choices for better grounding in their subject areas.
- Consultancy services as a means of teaching, training and study - Many departments are offering consultancy services as a means of training their students.
- Internships within departments - along with consultancy services another area of training is the internship credits. A few departments have taken interns within the departments especially those interested in the teaching field.
- Extensive of ICT within classroom from using cell-phones/laptops to complement classroom teaching to the recording of practical demonstrations to assignment submissions as well as SEE assessments through Learning Management Softwares - Google Classroom/Moodle (CLAAP)

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

#### 7.4 Contribution to environmental awareness / protection

- a. As mentioned above in point no. 6.14 ( iii), one of the activity was a workshop cum interactive session on “Hygiene and Cleanliness Strategies” organized for janitorial staff. They were informed on the following: a) Smart strategy to segregate waste item or garbage i.e. separate plastic/ bottles, papers, glass items and food items; b) Maintain all safety measures while working; c) Maintain self cleanliness and health tips.
- b. **Environmental Project: Making of cloth bags:** To sensitize campus regarding plastic free environment, NSS volunteers prepared 10 cloth bags under this project and presented those bags to the staff members for their regular use.
- c. **Tree Plantation:** Tree plantation was carried out by NSS volunteers on College Campus. 15 saplings were planted.
- d. **Shramdhan (4 different days):** Campus Beautification activity was organized on the College campus by NSS volunteers.
- e. **Inauguration of Swach Bharat Abhiyan Pakhwada:** Volunteers took part in campus beautification and cleanliness under Swach Bharat Abhiyan Pakhwada organized by MHRD, Government of India.
- f. **Chowgules Birders Club organised Lecture series** on “Our Feathered Friends and Enemies: Applied Dimensions of Ornithology”; “My birding Experience” and “Introduction to Birding – Birding Etiquettes and Qualities of Good Birder”.
- g. A faculty from Zoology department along with a group of 5 students of Chowgule Birders Club attended ‘Bird festival of Goa’ lecture series on ‘Bird Calls’ and ‘Bird Diversity of Goa’ were organised by Forest Department of Goa, at Gomant Vidhya Niketan.

7.5 Whether environmental audit was conducted?      Yes ☐      No ☒

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

#### **Strengths –**

- i. Increase in strength of students.
- ii. Internship – Academic Industry linkages
- iii. Increase in National and International collaborations
- iv. Diversified number of departments
- v. Only college having regular Exchange Programmes

vi. Strong infrastructure and facilities

**Weaknesses –**

- i. Number of PhD guides in ratio of the number of PhD holders and research centres.
- ii. Lack of innovation in in-house projects.
- iii. Maximizing the potential of the college in terms of resources of the faculties.
- iv. Skill development

**Opportunities –**

- i. To open new courses.
- ii. Increase collaborations
- iii. Provide education to all

**Challenges –**

- i. To harness potentials of interdisciplinary research/academic/social collaborations.
- ii. Effective database management system.

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

1. To develop specialised centres
2. Human resource
3. Promotion of research
4. Development of infrastructure

*Name: Shri H.S.S. Nadkarni*

*Name: Dr. Nandkumar N. Sawant*

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

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

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## PHOTOGRAPHS



***Ms. Ritu Uppal conducting the State Level Workshop on "All about the MOOCs: Design, Development and Delivery" for our college, M.E.S. college and Quepem College faculties.***



***Principal Dr. Nandkumar Sawant Signing MOU with the Principal of Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj, Sangli***



***Principal giving memento to the faculty from Kansai University, Osaka, Japan in our College***



***Exchange of MOUs between Principal, Dr. Nandkumar Sawant and Principal, Sr. Aradhana of Carmel College.***



***Cultural Exchange Programme- Performance by SS Subodh PG-Mahila College- Jaipur***



***Shri H.S.S. Nadkarni, Vice Principal giving certificate to the Swedish Faculty on an Exchange Programme in our college***



***Workshop cum interactive session on "Hygiene and Cleanliness Strategies" for janitors karmacharis***



***National Level Seminar on "The Writing Centre: An Instrument to Improve the Writing Skills of Students"***





*Workshop on “Experimental Physics” for physics students*



*Principal along with Konkani department faculties and Chief Guest is inaugurating at the State Level Seminar on 1 व्याशेकड्यांतले गोंयचें कोंकणी-मराठीसाहित्य: स्वरूपआनीसमिक्षा”*



*Students throwing plastic items collected from the college campus in the dustbin.*



*Group of College students performing dance on cultural day*



*All the participating students on Cultural day organized by the Cultural Club*



*Terrence Lewis giving away the award for Excellence in Student Related Activities & Public Relations along with the Nandkumar Sawant to Andrew Barreto on Founder Day.*



*Terrence Lewis giving away the award for Research and Consultancy along with the Nandkumar Sawant to Nandini Vaz Fernandes on Founders Day.*



*Sachin Moraes and Liesel Desilva judging the poster presentation at the Geographize 2016*



*Japanese students lighting the lamp in our college under Student Exchange program.*



*An Orientation programme on 'Micro-Skills in Classroom Teaching' by Shri Sanjay Govekar along with staff and students of the college.*





## ANNEXURE I

### LIST OF IQAC COMPOSITIONS, 2016-17

SR. NO.	IQAC MEMBERS	CRITERIA'S
1.	Dr. N. N. Sawant	Convenor
2.	Mr. H.S.S.Nadkarni	Co-ordinator
3.	Dr. E.M.Travassos	Faculties
4.	Dr. Gunaji Desai	-do-
5.	Dr. Ananya Das	-do-
6.	Mr. V. C. Kumaresh	-do-
7.	Dr. Sameena Falleiro	-do-
8.	Dr. Nandini Vaz Fernandes	-do-
9.	Dr. Sachin S. Moraes	-do-
10.	Mr. Andrew Barreto	-do-
11.	Ms. Manjita Porob	-do-
12.	Dr. D. Bagchi	-do-
13.	Dr. M. P. Shivalli	-do-
14.	Ms. Greta Almeida	Administrative
15.	Mr. Dattaprasad Prabhudessai	-do-
16.	Mr. Sandesh K. Nagvenker	-do-
17.	Mr. Ashok Dange	Management Representative
18.	Mr. Vasant Hede	Alumni
19.	Ms. Skitter Faia	Other stakeholder and community representative
20.	Mr. Sagar Uttagi	Employer / Industrialist
21.	Ms. Shreya Jain (Student Council General Secretary)	Student representative
22.	Ms. Aishvarya Joshi (Sports Council General Secretary)	Student representative

**ANNEXURE II**  
**CURRICULAR ASPECTS, 2016-17**

SN	PROGRAMME	EXISTING PROGRAMMES	NEW PROGRAMMES
1.	Under Graduate	<p>a. <u>Bachelor of Arts</u></p> <ol style="list-style-type: none"> <li>1. Economics</li> <li>2. English</li> <li>3. French</li> <li>4. Geography</li> <li>5. History</li> <li>6. Hindi</li> <li>7. Konkani</li> <li>8. Marathi</li> <li>9. Philosophy</li> <li>10. Psychology</li> <li>11. Portuguese</li> <li>12. Sociology</li> </ol> <p>b. <u>Bachelor of Science</u></p> <ol style="list-style-type: none"> <li>1. Botany</li> <li>2. Biotechnology</li> <li>3. Chemistry</li> <li>4. Computer Science</li> <li>5. Geography</li> <li>6. Geology</li> <li>7. Mathematics</li> <li>8. Physics</li> <li>9. Zoology</li> </ol>	a. B.Sc. in Bio Chemistry
2.	Post Graduate	<p><u>Master of Arts</u></p> <ol style="list-style-type: none"> <li>a. Economics</li> <li>b. Geography</li> <li>c. Hindi</li> </ol> <p><u>Master of Science</u></p> <ol style="list-style-type: none"> <li>d. Analytical Chemistry</li> <li>e. Information Technology</li> </ol> <p><u>Post Graduate Diplomas in</u></p> <ol style="list-style-type: none"> <li>f. Computer Applications (PGDCA)</li> <li>g. Clinical Genetics &amp; Medical Laboratory Techniques (PGDCGMLT)</li> <li>h. Geo-informatics (PGDGIS)</li> </ol>	a. Masters in Child Psychology and Child Development.
3.	Ph.D.	<p><u>Centre for Research in</u></p> <ol style="list-style-type: none"> <li>a. Hindi</li> <li>b. Geography</li> </ol>	a. Centre for Research in Botany
4.	Certificate	<p><u>Certificate Courses in</u></p> <ol style="list-style-type: none"> <li>a. Geospatial Technology</li> <li>b. GIS Certificate Course in Pathological Techniques.</li> <li>c. 3D Animation.</li> <li>d. Multimedia</li> <li>e. Business English Course</li> <li>f. Portuguese</li> <li>g. Applied chemistry.</li> </ol>	<p><u>Certificate Course in</u></p> <ol style="list-style-type: none"> <li>a. Creative Drawing and Painting</li> <li>b. Photography</li> <li>c. Videography</li> <li>d. Video Editing</li> <li>e. Sound Editing</li> </ol>

**FOR THE ACADEMIC YEAR 2016-17**

<b>BACHELOR OF SCIENCE</b>		<b>HONOURS PROGRAMME</b>		<b>SEM</b>
i. Botany	vi. Geography	i. Chemical Analysis And Quality Management		2
ii. Bio Chemistry*	vii. Geology	ii. Computer Science		2
iii. Biotechnology	viii. Mathematics	iii. Geology		1
iv. Chemistry	ix. Physics	iv. Physics		2
v. Computer Science	x. Zoology	v. Applied Zoology		2
		vi. Banking And Finance		1
		vii. Geomatics		2
		viii. Psychology		2
		ix. Mass Media & Literary Studies In English		2
		x. Functional Hindi		2
		xi. Konkani		2
		xii. Applied Mathematics		2
		<b>SELF FINANCED COURSES</b>		
		Biotechnology		
		Bio Chemistry*		
		T.Y.B.Sc in Geography		
		T.Y. in Sociology		
		Portuguese		
		M.A. in Geography		
		M. Sc. in Information Technology		
		M. Sc. in Analytical Chemistry		
		Masters in Child Psychology and Development*		
		P.G.D.C.A.		
		P.G.D.G.I.S.		
		P.G.D.C.G.M.L.T.		
		<b>RESEARCH CENTRES</b>		
		Centre for Research in Hindi	Centre for Research in Geography	Centre for Research in Botany*

**ANNEXURE III**  
**ACADEMIC CALENDAR 2016- 17**

**Academic calendar for semester I, III and V**

Semester begins	- 15 June 2016
First CA for semester I, III and V	- Dates will be announced by the respective departments
Second CA for semester I, III, and V	- Dates will be announced by the respective departments
Ganesh Chaturthi Break	- 5 September 2016 to 10 September 2016
Semester End Examinations	- 15 October 2016
Semester ends	- 28 October 2016
Winter break	- 29 October 2016 to 19 November 2016

**Academic Calendar for Semester II, IV and VI**

Semester begins	- 21 November 2016
First CA for semester II, IV and VI	- Dates will be announced by the respective departments
Second CA for semester II, IV and VI	- Dates will be announced by the respective departments
Christmas Break	- 24 December 2016 to 1 January 2017
Semester End Examinations	- 3 April 2017
Semester ends	- 3 May 2017
Summer break	- 4 May 2017 to 14 June 2017

**ANNEXURE IV**  
**FACULTY DEVELOPMENT PROGRAMMES**

**A) REFRESHER COURSES / ORIENTATION:**

1. Barreto J. (2016) *attended a Refresher course* in “**Computer Science**” at UGC-Human Resource Development Centre, University of Calicut, Mallapuram, Kerala from 10<sup>th</sup> to 30<sup>th</sup> August, 2016.

**B) HUMAN RESOURCE DEVELOPMENT PROGRAMMES:**

1. Nandini V. F. (2016) *attended the seminar on* “**Strategies for Change in the new Teaching Learning Environment**” for the faculty of our college on 7th April, 2016.
2. D’souza E. (2016) *attended a 15 hours certificate course* “**Reading and Writing Conflict**” by renowned writer Prof. Githa Hariharan at the Department of English, Goa University from 18<sup>th</sup> July to 29<sup>th</sup> July, 2016.
3. Kakodkar S., Advilkar S. S., Jatal P. (2016) *attended 5 days Train the Trainer program of* ‘**National Level Youth Entrepreneurship Development Program**’ conducted by Rajiv Gandhi National Institute of Youth Development, Government of India & ICT Academy of Tamil Nadu held at Directorate of Sports and Youth Affairs, Campal, Panaji, Goa from 8<sup>th</sup> August to 12<sup>th</sup> August 2016.
4. Balekai M. (2016) *attended a workshop on* “**Bloom’s Taxonomy**” for newly recruited teaching faculty of the college on 23rd September 2016.
5. Belurkar R. (2016) *attended a RUSA sponsored short term course on* “**Understanding Learner Dynamics**” held at University of Mumbai from 7<sup>th</sup> to 12<sup>th</sup> November 2016.
6. Nandini V. F. (2016) *attended a* “**YOUreka**” workshop on ‘**building Leadership skills**’ for staff on 10th December, 2016. The workshop trainer Aman Jain.
7. D’souza E. (2017) *attended a 15 hours certificate course titled* “**Approaching Early Indian History through Texts**” delivered by Prof. Kumkum Roy at Goa University in January, 2017.
8. D’souza E. (2017) *attended a 15 hours certificate course on* “**The Anxieties of Orientalism: India and the Diaspora**” delivered by Professor Vrinda Nabar at Goa University in February, 2017.

**C) ORIENTATION PROGRAMMES:**

1. **2017:** Sachin Moraes attended ‘**95<sup>th</sup> Orientation Programme**’ organized by UGC-HRD Centre Goa University from 5th January to 1st February 2017.
2. **2017:** Sobita Kirtani attended in the **95<sup>th</sup> Orientation Program** organized by Goa University from 5th January, 2017 to 1st February, 2017.

#### **D) FACULTY EXCHANGE PROGRAMME:**

There were four Academic, Industrial and Cultural International Exchange Programmes organized with following institutes:

- (a) Waseda University, Tokyo-Japan: Two faculties along with eight students went from 6th November to 20th November, 2016.
- (b) University of Sri Jayewardenepura, Sri Lanka: Three faculties along with nine students went from 5<sup>th</sup> to 15<sup>th</sup> December 2016.
- (c) Tullinge Gymnasium and Bromma Gymnasium, Stockholm, Sweden: Four faculties along with eighteen students went from 23rd April – 06th May 2017
- (e) S.S. Jain Subodh P.G. Mahila Mahavidyalaya- Jaipur: Two faculties along with 11 student went on 20th January, 2017

#### **E) FACULTY IMPROVEMENT PROGRAMME / TRAININGS ORGANISED BY:**

##### **OUR COLLEGE**

1. D'Costa L., Falleiro S., Fernandes Da costa S., Shirodkar G.A., D'costa S., Ashwini A., Fernandes V.V., Moraes S.S., Kirtani V.S., Gonsalves R.L., Bugde T.S., Desai M.A., Afonso L.M., Pednekar B. H. (2016) attended 2-day State Level Workshop on “MOOC’s: Design, Development and Delivery” organized by the IQAC committee of our college on 13<sup>th</sup> & 14<sup>th</sup> October 2016.

##### **OTHER INSTITUTIONS**

1. **2016:** Devli S M. attended *Field Training Programme* on “Geological Mapping and Mineral Exploration” organized by Geological Survey of India Training Institute, Hyderabad in association with Geological Society of India at Chitradurga, Karnataka from 4<sup>th</sup> to 10<sup>th</sup> June, 2016.
2. **2016:** Motankar M.M. attended in the *One Week Short Term Training Programme* on "Recombinant Protein Production and Purification" organized by the Department of Biotechnology, Sri Venkateswara College of Engineering, Sriperumbudur in association with Brainwave Biotechnology Pvt. Ltd, Chennai from 20th to 26th June, 2016.
3. **2016:** Kakodkar S., Advilkar S. and Jatal P. successfully completed 5 days *National Level Training* to the “Trainer of Youth Entrepreneurship Development Program” organized by Rajiv Gandhi National Institute of Youth Development, Government of India & ICT Academy of Tamil Nadu held at Directorate of Sports and Youth Affairs, Campal, Panaji, Goa from 8<sup>th</sup> August to 12<sup>th</sup> August, 2016.
4. **2016:** De Silva L. and D’Costa L along with 13 students of Biotechnology (2016) attended “**INK live 2016**” organized at Goa Institute of Management on 16<sup>th</sup> and 17<sup>th</sup> September, 2016.

5. **2016:** Araujo E. and Cardozo R. (2016) *attended* **'Faculty Knowledge Program'** organized by IBS business school at Hotel Fidalgo in Panjim on 22<sup>nd</sup> September, 2016.
6. **2016:** Matha M. P. and Gudekar A. *attended* the awareness programme on **"Spoken Tutorial"**, co-ordinated by IIT-Mumbai in Saraswat College, Mapusa on 12th October 2016.
7. **2016:** Malave V. along with 15 Students of MA Geography attended an *Interactive Session* on **"Ocean to Mountain"**, organized by Darjeeling Government College, Darjeeling, on 15<sup>th</sup> November 2016.
8. **2016:** Pednekar H. B (2016) *attended* a one-day workshop on **"International Union for Geological Sciences (IUGS) systematics of igneous rocks"** conducted by Dr Surendra Pai Verma, Senior most Researcher, Universidad Nacional Autonoma de Mexico organized by Department of Geology, Savitribai Phule Pune University on 24th November 2016.
9. **2016:** Barreto A. I., Kumaresh V.C. and Falleiro S. *attended* one day state level workshop on **"Revised Tybsc Semester VI Syllabus"** at Dempe College of Arts and Science, Panjim on 30<sup>th</sup> November 2016.
10. **2016:** Pednekar H. B (2016) was on an "expedition to Leh-Ladhak" to carry out his research field studies work on the Ophiolites.
11. **2016:** Fernandes Da Costa S. and Barreto A. *attended* MOOC (Massive Open Online Course) on **"ICT Integration in Higher Education"** organized by SNDT Women's University - Dept. of Educational Technology from 17<sup>th</sup> October to 04<sup>th</sup> December 2016.
12. **2017:** Barreto C. *attended* the third edition of the **'French Language Teacher Training Programme'** on "Universite regionale BELC Inde, Asie central et Asie du sud" organized by the Embassy of France and Institut frencais India held in Goa, on 22<sup>nd</sup> to 25<sup>th</sup> May, 2017.
13. Gaunkar S., Araujo J. and Cardozo R. (2016) along with 18 students *attended* a two days workshop on **"Comprehensive Sexuality Education"** organized by FPA at Mumbai, on 8th September, 2016 & 9th September, 2016.
14. Belurkar R. (2016) *attended* a RUSA sponsored short term course on **"Understanding Learner Dynamics"** held at University of Mumbai from 7<sup>th</sup> to 12<sup>th</sup> November 2016.



## ANNEXURE V

### SEMINARS/CONFERENCES/WORKSHOPS

#### **SEMINARS CONDUCTED: 9**

##### **International: 2**

1. The Department of Geography of our college in collaboration with the Department of Geography, University of Sri Jayewardenepura, Sri Lanka, organized an *Indo-Sri Lanka Students Seminar* on **“Changing Geographies of Cultural Landscape (India and Sri Lanka)”** for the students in our college on 18th March 2017.
2. Students Support Service (Writing Centre) organized an *International Seminar* on **“Content and Language Integrated Learning, English for Academic Purposes and English for Specific Purposes”** for English faculties on 8<sup>th</sup> & 9<sup>th</sup> March, 2017.

##### **National:3**

1. Students Support Service (Writing Centre) organized a *National Level Seminar* on **“The Writing Centre: An Instrument to Improve the Writing Skills of Students”** for English faculties on 12<sup>th</sup> August, 2016.
2. The Department of Marathi in collaboration with the Ravindra Bhavan, Margao organized a *National Level Seminar* on **“P. P. Shirodkar Marathi Literature”** for students at Ravindra Bhavan, Margao-Goa on 15<sup>th</sup> December 2016.
3. The Department of Hindi in collaboration with the ‘Vagdhara’ Vyangyatra, organized a two day *nationalseminar* on **‘Vyang Mahotsav’** (Satirical festival) on 17<sup>th</sup> & 18<sup>th</sup> March 2017.

##### **State:4**

1. The Department of Computer Science organized a *State Level Seminar* on **“Fundamental Concepts and Principles for creating world-class Software Product”** for other colleges along with the students and faculties of our college on 12<sup>th</sup> July 2016.
2. The Department of Geology organized a *State Level Students Seminar* on **“Recent trends in Geology”** for students in Goa on 20<sup>th</sup> August 2016.
3. The Department of Konkani in association with Directorate of Official Language, Govt. of Goa organized a two days *State Level Seminar* on **“Ekvisvya Shakdyatil Goyache Konkani – Marathi Sahitya: Swaroop ani Samiksha”** on 27<sup>th</sup> and 28<sup>th</sup> February, 2017.
4. Department of Geography & Research Center in collaboration with Geographers’ Association, Goa (GAG) and Higher Secondary Teachers’ Association in Geography (HISTAG) organized a *State-level Seminar* on **“Teaching-Learning Methodology in Geography”** for faculty held in our College on 26<sup>th</sup> April 2017.
5. Faculty of Social Sciences organized an *Interdisciplinary Seminar* on **“Changes in Goa over the Last 20 Years – A Social Science Perspective”** involving students of social sciences

(undergraduate and postgraduate departments) from our college and other colleges in Goa on 30<sup>th</sup> August, 2016.

### **WORKSHOP CONDUCTED: 18**

#### **State:5**

1. The Department of Computer Science organized a one day *state level workshop* on “**TYBSc Syllabi**” for all the faculties of Computer Science departments from various colleges in Goa on 25<sup>th</sup> June, 2016.
2. The Department of Computer Science organized a one day *hands-on state level workshop* on “**Cloud Computing**” for Msc.IT (Part I & Part II) and TYBSc (Computer Science) students on 11th July 2016.
3. IQAC organized two days *State Level Workshop* on “**All about the MOOCs: Design, Development and Delivery**” for the selective faculties of our college and other colleges in Goa held on 13<sup>th</sup> - 14<sup>th</sup> October 2016.
4. The Department of Computer Science organized two days *state level workshop* on “**R Tool**” for the faculties and students of various colleges from Goa on 29<sup>th</sup> & 30<sup>th</sup> September 2016.
5. Department of Geography & Research Center organized a *State-level Workshop* on “**Techniques and Approaches: Principles of Geomorphology**” for students held at our college on 6<sup>th</sup> October 2016.

#### **Institutional: 13**

1. The Department of Konkani organized a One Day *Workshop* on “**Konkani Shudh Lekhan**” for Elective Konkani Students on 27<sup>th</sup> June, 2016.
2. The Department of Konkani organized a *Workshop* on “**Devanagari Typing**” for F.Y.B.A. and F.Y.B.Sc. students who have opted Major – minor and Foundation Course in Konkani from 7<sup>th</sup> to 9<sup>th</sup> July, 2016
3. The Department of Computer Science organized a *workshop* on “**Version Controlling uses GIT**” for T.Y.B.Sc. students on 24th August, 2016.
4. The college organized a workshop on “**Bloom’s Taxonomy**” for newly recruited teaching faculty of our college on 23rd September 2016.
5. The Students Support Services (Career and Personal Counseling Centre) organized several *Workshops* on “**Effective Study Skills**” for FY, SY and TY students from different departments on 15<sup>th</sup> October 2016 (Mathematics), 8<sup>th</sup> January 2017 (Higher Secondary School); 25<sup>th</sup> February 2017 (English), 4<sup>th</sup> March 2017 (Marathi, English and Computer Science), 8<sup>th</sup> March 2017 (Konkani, Mathematics, Psychology and Sociology), 10<sup>th</sup> March (Economics) and 15<sup>th</sup> March 2017 (Com. Sci).

6. The College organized a *workshop* cum interactive session on “**Hygiene and Cleanliness Strategies**” for saffai karmacharis initiated through Swacch Bharat Pakhwada on 0<sup>1st</sup> October 2016.
7. The College organized two workshops on “**Process Oriented Guided Inquiry Learning (POGIL)**” for the faculty of Chemistry department i.e. on <sup>(1)</sup> 4<sup>th</sup> November, 2016 and <sup>(2)</sup> 21<sup>st</sup> December, 2016
8. The College organized a *workshop* on “**YOUreka**” (building ‘Leadership skills’) by Aman Jain, Head of Learning and Development for faculties of our college at VF Corporation, India on 10<sup>th</sup> December, 2016.
9. The Department of English in collaboration with Goa Writer’s Club organized a two days each *Creative Writing Workshops* on “**Short Story Writing**” for the students of all B.A. and B.Sc. on 16<sup>th</sup> December, 2016 and second session on 23<sup>rd</sup> February, 2017.
10. The Department of Computer Science organized a *workshop* on “**Effective Study Habits and self motivation**” for F.Y.B.Sc. (Computer Science) students on 15<sup>th</sup> March, 2017.
11. The Department of Computer Science organized a *workshop* on “**Visualization in HCI**” for PGDCA students on 31<sup>st</sup> March, 2017.
12. The Department of Psychology organized a *workshop* on “**Newsletter Designing**” for the faculty and students of the Department of Psychology on 9<sup>th</sup> August, 2016.
13. The Department of Physics organized a *workshop* on “**Experimental Physics**” for physics students of Gogate Joglekar College, Ratanagiri on 28<sup>th</sup> to 30<sup>th</sup> April 2017.

ANNEXURE VI  
RESEARCH ACTIVITIES

**Book Published**

1. Shrikrishna S. Adsul (2016) **“Gomantakiya Marathi Sahitya: Aakalan ani aaswad (Samkisha)”**, *Shabdalay Prakashan*, June 2016. ISBN: 978-93-80617-56-5.
2. Shrikrishna S. Adsul (2016) **“Gomantakiya Marathi Sahitya: Swarap Ani Chikitsa”** *Shabdhalay Publication, Shrirampur*, July 2016. ISBN: 978-93-85527-95-1.
3. Hanumant C. Chopdekar (2016) **“Sahitya Dhara”**
4. Hanumant C. Chopdekar (2016) **“Teen Mama Ek Drama”**

**Edited Books**

1. Dr. Gunaji Desai (2016) edited a book **“Track II Samidha”**, *Butukak Memorial Trust, Margao, Goa*, 31st July, 2016.
2. Shrikrishna S. Adsul (2016) edited book **“Sangharsha Sanman”**, *Ravindra Bhavan, Margao Goa and Department of Art and Culture, Goa Government, Panaji*, 2016.
3. Dr. Omprakash Tripathi (2017) edited book **“Pragatishil Kavita Ke Pachahattar Varsh”**, *Vidya Prakashan, Kanpur*, ISBN: 978-93-86248-00-0.

**Article / Chapter in Book**

1. Advilkar S. S. (2016) **“Yashwantrao Chawan Yanche Lalitgadhyha: Ek Gunsampaan Vyaktimatvacha Avishkar”** in the book *“Yashwantrao Chawan Yanche:Vyakti ani Vaagmai”*, 2016. Pp. 228-237. ISBN: 978-93-83401-45-1.
2. Adsul S. S. (2016) **“Subhash Bhende Yanchya Kadambarya: Ek Chintan”** in the book ‘Gomantakiya Marathi Sahitya’, *Shabdhalaya Prakashan Shrirampur*, pp. 102-113.
3. Mishra R. (2016) **“Vishwagram mein Rishton ki chheej via Rehan Par Ragghu”**, in the book *“Ikkeesavi sadi ke Hindi Upanyas: Parakh aur Pahchan”*, Editor: Dr. Kapil Kumar Raghav”, *Raj Publications, Dariyaganj, New Delhi-110002*; First Edition 2016, pp. 209-219. ISBN : 978-93-82281-65-8
4. Mishra R. (2016) **“Bhawaniprasad Mishra: Manveeya Samvedana ke kavi”** ‘in the book *“Bhawaniprasad Mishra ki kavya Yojna”*, Editor: Dr. Shyamsundar Pandey; *Gyan Prakashan, Kanpur, Uttar Pradesh*. Edition-2016. ISBN: 978-93-80669-70-0.
5. Mishra R. (2016), **“Manviya Sanvedana Ke Kavi: Bhavani Mishra”** ‘Bhawaniprasad Mishra Ki Kavayayojana’, *Dr. Syamsundar Pandey, Gyan Prakashan, Kanpur (U.P.) 208011*. ISBN 978-93-80669-70-0.
6. Sawant N. N, Rebello C. (2017) **“Migration, Remittance ad Ramifications in the context of socio-economic development at sending destinations”**, in the book *“Regional Migration and Development in India”*, *GB Publishers, New Delhi*, 2017, pp. 69-79. ISBN 978-93-83930-26-

7. Mishra R.(2017) '**Krishi Niravahin Chatur Kisana Baraste Hindi Sahitya: Samiksha Ke Vividh Aayam**' in the book "Vartaman Srijan Sandarbha and Dr. Shivshankar Pandey" edited by Dr. Usha Mishra and others, *Gyan Prakashan Kanpur*. 2017. ISBN 9-93-80669-93-978
8. Mishra R. (2017) '**Nutan Samaj ki sankalpana: Mujhe kuchh kahna hai**' in the book "Mridula Sinha ka Sahitya : Vivechan evam Vishleshan", Editor - Dr.Ravindranath Mishra; *Anamika Publishers & distributors Pvt. Ltd. 4697/3, 21-A, Ansari Road, Dariyaganj, New Delhi 110 002*. First Edition – 2017, pp. 209-222 (ISBN : 978-81-7975-841-0 )
9. Mishra R.(2017) '**Ramcharit ke pratham prastota Valmeeki evam unaka Ramayan**' in the book "Uttar Bharat ka Sant Sahitya" – Editor Dr. Dinesh Pratap Singh; Edition 2017, *Bhartiya Sahitya Parishad, Keshav Kunj, Jhandevalan, New Delhi-110 005*.
10. Adsul, S.S. (2016) "**Mahavakya – Aadhunik Marathitil Pahila Swatantra Mahakavya**" in the book 'Kavyarasik Sanwad', Vatsa –Vinayak Prakashan, Nagpur,2016, pp.139-153.
11. Adsul, S.S. (2016) "**Ek Prernadayi Vyaktimatva**" in the book 'Krushnayan', Asheena Prakashan, Margao, 2016, pp.142-145.
12. Adsul, S.S. (2016) "**Marathi Charitravangmay**" in the book 'Asthavedha', Nirmiti Sanwad Prakashan, Kolhapur, 2016, pp.62-81.
13. Adsul, S.S. (2016) "**Gram Sahityache Aadhya Maankari**" in the book 'G.L. Thokal Yanche Gramin Sahitya', Nirmiti Sanwad Prakashan, Kolhapur, pp. 108-116.
14. Adsul, S.S. (2016) "**Kavyarasik Sanwad**", Editor: Dr. G.N. Chavan, Vinayak Publication, Nagpur, 2016, pp. 139-153. ISBN: 978-81-9246734-4.
15. Adsul, S.S. (2016) "**Ek Rahasmai Pravas varnan**" in the book 'Suvarnabhumi', *Nayak Publication, Margao*, 2016, pp. 2-10.
16. Adsul, S.S. (2016), "**Stree Janivechi Kavita**" in the book 'Quest For New Light' - Author Prof. Neeta Torne, *Vijayalakshmi Prakashana, 657, Koogubande Road, E & F Block, Kuvempu Nagar, Mysooru- 570023*, Aug 2016, pp. 5 to 11. ISBN: 978-81-932703-0-1.

#### **Book in proceedings:**

1. Shrikrishna S. Adsul (2016) "**Gomantakiya Marathi Sahitya: Aakalan Ani Aaswad**" *Nirmiti Sanwad Publication, Kolhapur*.
2. Mishra R. (2017) '**Sansad se sadak tak Prajatantra ko sunane kii kavaayd baqaul Dhumil**' in the book "Pragatishil kavita ke Pachahattar Varsh" – Dr. Omprakash Tripathi; Vidya Prakashan. Edition 2017, pp. 116-124. ISBN :978-93-86248-00-0

## **PAPER PUBLICATIONS 2016-17**

### **International**

1. D'Costa L. et.al (2016) **“Isolation and Characterization of Naphthalene Degrading Soil Bacteria”**. *International Research Journal of Biological Sciences*. 5(4), 64-68. ISSN 2278-3202.
2. Kanchana R., Chari A., D'costa L., Kamat N., Redkar N. and Dessai T. (2016) **“Production of Probiotic Soy Yoghurt–A Dairy Product for the Future”**, *International Journal of Life Sciences*, 5 (3), pp. 158-161. (Peer-reviewed, Online ISSN: 2319-1198; Print ISSN: 2319-118X) [Indexed/Abstracted With - NAAS Rating 2017 - 3.66, J-Gate, Summon (ProQuest), EBSCO Discovery, Google Scholar, CNKI Scholar, Indian Science Abstracts, DRJI, Indian Science, Cite Factor, IJIF and ISRA-JIF]
3. \* Shirodker P. A., Kudcherkar A., Shet V. D., Tallur N. R. And Lotliker R. (2016) **“Isolation, Identification and Ecological Significance of Litter Fungi”**, Peer Reviewed*International Journal of Current Research*, Volume 08, Issue 10, Page No.40350-40353, October, 2016. ISSN: 0975-833X. Impact Factor 7.086.
4. Bicholcar A. C., Sawant N. N. & Naik K. P. (2016) **“Prolonged Deprivation Among Slum Youth in Azad Nagar Slum, Margao, Goa, India”**, *International Journal of Social Sciences Review*, 2016, 4(2), pp. 232-237.
5. Nandini V.F. (2016) **“Autism Spectrum Disorder: Evaluation of Etiological Factors and Skill Development in Affected Children”**, *International Journal Curr. Res.* 8 (6), pp. 327-331. May 2016 with Impact factor 6.22.
6. Nandini V.F. (2016) **“Student Perception of Effective Teaching Methodologies for Undergraduate Degree Courses - Case Study from India”**, *International Journal Curr. Res.*, 8(6), pp. 3068-3071. June 2016 with Impact factor 6.226.
7. R. Kanchana, Zantye P. (2016), **Plant-mediated synthesis of silver nanoparticles with diverse applications**, *Asian Journal Pharm Clin Res*, 9 (1): 159-163. Impact factor - 0.40, ISSN - 0974-2441, [Abstracting and Indexing- Google Scholar, Scopus, Elsevier, EBSCO, EMBASE, SCImago (SJR), CAS, CASSI (American Chemical Society), DOAJ (Directory of Open Access Journal), Index Copernicus, ICAAP (International Consortium for the Advancement of Academic Publication), Open-J-Gate]
8. Nandini V.F. (2017) **“Evaluation of Genotoxic, Embryotoxic and Teratogenic potential of Paracetamol in Humans and Mice”***Journal of Med Sci and Clin Res.* 5(2), pp. 17324-7329. International peer reviewed journal with impact factor 5.8.
9. Kanchana R; Fernandes C.E.G. and Porob D. (2017) **“Novel applications of crude bacterial biosurfactant”***International Journal of Life Sciences and Technology*, 10 (4), pp. 38-44. ISSN: 0974-5335 , peer reviewed



10. T. M. Deshpande\*, A. K. Pandey and S. K. Shyama (2017) **“Frequency of Breast Cancer in Goa, India”** in the *International Journal of Innovative Science, Engineering & Technology*, Vol. 4 Issue 1, January 2017 ISSN (Online) 2348 – 7968. Impact Factor (2015) - 4.332.
11. Adhikari A., Jain L. C., Prasad B. (2017), **“A State-of-the-Art Review of Knowledge Discovery in Multiple Databases”**, *Journal of Intelligent Systems* 26(1): 23-34 (2017), De Gruyter, Germany.
12. A Bicholcar, N. N. Sawant\*, D. Shingadi, R. Pandey (2017) **“Reproductive Health of Women in Moti Dongar Slum – Margao, Goa”** *International Journal of Social Sciences Review* IV (3) Pp 417-420. ISSN 2347-3797.
13. Yedage A. and Harmalkar S. (2017) **“Analysis and Simulation of Land-use / Land-cover Change in the Quepem Tehsil, Goa, India”**, *International Journal of Advances in Remote Sensing and GIS*, Vol. V, No. 1, pp 67 – 76, ISSN 2277-9450.
14. Magnolia M. (2017) **“Deformation features of intraformational Para-conglomerate of the Paleoproterozoic Sanvordem Formation, Goa Group indicates a brittle-ductile shear”**, *International Journal of Geomatics and Geosciences*. ISSN 0976-4380.
15. \*Sankhalkar S., Vernekar V. (2016) **“Comparative study of Antioxidant enzymes in tolerant and sensitive rice varieties subjected to salinity stress”***International Journal of Recent Scientific Research*, vol7, issue 10, 2016, pp. 13964-13969. ISSN: 0976-3031. IJSSR. Peer – reviewed.
16. \*Sankhalkar S., Vernekar V. (2016) **“Salinity Stress Induced Damaged to lipids, proteins, primary photochemistry and possible protection by antioxidants in rice varieties from khazan fields of Goa”** *Oryza an International Journal on rice*, vol. 53, issue 1, 2016, pp. 52-62. ISSN: 0474-7615. Peer – reviewed.
17. Ghanti S. and Naik G. M. (2016), **“Efficient Data Transfer Rate and Speed of Secured Ethernet Interface System,”** *International Scholarly Research Notices*, vol. 2016, Article ID 9458627, 8 pages, doi:10.1155/2016/9458627
18. Lotikar P. C.; Wagh R. (2016), **“Using POGIL to Teach and Learn Design Patterns: A Constructionist Based Incremental, Collaborative Approach.”** *IEEE Eighth International Conference on Technology for Education (T4E)*, 2016, pp.46-49, DOI: 10.1109.
19. Falleiro S. (2017), **“Teaching and Learning with ICT: Current Status and Future directives with reference to Under Graduate Education in Goa”**, *International Journal of Current Research*, Volume 09, issue 03, pp. 47882-47886, March, 2017. ISSN No: 0975-833X /0975-833X(P), Peer Reviewed : SJIF 2016: 7.086
20. Falleiro S. (2017), **“Exploring the Role of LMS in Motivating Students in Open Distance Learning”**, *International Journal Of Scientific Research*, May 2017, pp. 41-42. ISSN NO 2277 – 8179, Impact Factor of 4.176 & Index Copernicus IC Value: 78.46.



21. Belurkar R. S. (2016) **“Analysis of Ground Water of Canacona Taluka of Goa , India”** *International Research Journal of Natural and Applied Sciences*, Vol. 3, issue 6 year June 2016. pp. 147 - 152. IF- 3.827. ISSN: 234924077.
22. Belurkar R. S. (2017) **“Analysis of Heavy Metals in lipsticks by various physio-chemical and instrumental methods”**, *IOSR Journal of Applied Chemistry (IOSR-JAC)*, 10.7, 2017, pp. 01-06.
23. Warriar, A., Pednekar, H\*, Mahesh, B. S., Mohan, R., Gazi, S. (2016) **“Sediment grain size and surface textural observations of quartz grains in late Quarternary lacustrine sediments from Schirmacher Oasis, East Antarctica: Pale environmental significance”**, *Polar Science*, Vol. 10, issue 1, 2016, pp. 89-100. Impact Factor: 1.157; Elsevier Publication.

### National

1. Moraes S.S. (2016) **“International Migration, the Left Behind Children, Educational Attainment and Occupational Preferences in Goa”**, *Paripex- Indian Journal of Research*, Vol- 5, Issue-8, Pg- 299-301, ISSN - 2250-1991 | IF: 5.215 | IC Value: 77.65.
2. D’Costa S and Pai I. K. (2017) **“Trace metal variability in near shore waters along the central west coast of India”** *Indian Journal of Geo Marine Sciences* 46(2), pp. 304-309. Impact factor 0.316.
3. Adsul S.S. (2016) **“Ek Sevabhavi Vyaktimatva”**, ‘Vidhyadhani’, *Akshara Publications*, June 2016.
4. \*Sankhalkar S., Vernekar V. (2016) **“Quantitative and Qualitative Analysis of Phenolic and Flavonoid Content in *Moringa oleifera* Lam and *Ocimum tenuiflorum* L.”** *Pharmacognosy Research*, Vol. 8 issue 1, 2016, pp. 16-21. ISSN: 0976-4836. PubMed. Peer –reviewed.

### State

1. S.S. Advilkar (2017), **‘Jagতিকারান Ani Gomantakiya Marathi Kavita’**, ‘Urmi’ journal, Volume 14, Issue 1, 2017, pp.20-24, ISSN 2319-3352

### PAPERS IN PROCEEDINGS

1. Nandini V. F. and Sawant N. N.(2017) **“Multilevel endeavor essential for introduction and enhancement of skill development in students – a case study”**. Paper presented and published as proceedings of *National conference* on “Higher Education and Skill development in 21<sup>st</sup> Century” held at Wadala Mumbai. ISSN-2278-8158.
2. S. S. Advilkar, Pai C. V., (2017) jointly published paper **‘Dalit Sanvedanshiltetun Jagaditikarnashi Nate Jodnare Kavi: Arun kale’** in proceedings of a two day *interdisciplinary international conference* on ‘Literature of the Underprivileged in the Global Perspective’ organized by the Dept. of English, Hindi & Marathi of D.P.Bhosale College,

Koregaon on 13th & 14th February, 2017. Volume III. Pp. 159-163. ISBN 978-81-927095-1-2.

3. Advilkar S. S. (2016) **“Yashwantrao Chawan Yanche Lalitgadhy: Ek Gunsampaan Vyaktimatvacha Avishkar”**. Paper presented and published at two day UGC sponsored proceedings of *National Seminar* on “Yashwantrao Chawan Yanche:Vyakti ani Vaagmai” organised by New Arts, Science and Commerce College, Ahmednagar on 23rd and 24th September, 2016. Pp. 228-237. ISBN: 978-93-83401-45-1.
4. Dr.Sameena Falleiro’s (2016) **“Tool for Evaluating Learning in Open, Online and Flexible Learning Environment”** was accepted for presentation and conference proceedings publication for the PCF8: PAN COMMON WEALTH FORUM held in Malaysia in November 2016.

## **PAPER PRESENTATIONS, 2016-17**

### **International Level:**

1. At the *International conference* on ‘Literature, Culture and World Peace’ organized by the Higher Education and Research Society, India at Dnyansagar Institute of Management and Research, Pune India held on 23<sup>rd</sup> and 24<sup>th</sup> September, 2016 .
  - i. Desai R. (2016) **“Elementary Conflicts and Paradoxes of life reflected in Geeta Mehta’s A River Sutra”**
  - ii. D’souza E. (2016) **“The Role of Visual Literature in Conflict Management”**.
2. R. Kanchana (2016) in an DST sponsored *International conference* on ‘Agriculture, Science, Technology, Management and Social Science 2016 and National workshop on Soft Computing Modelling and Medical Sciences & a Symposium on Women Empowerment’ organized by Fater Academy of India in Collaboration with Carmel College Goa held at Carmel College of Arts, Science & Commerce for women, Goa on 10-12<sup>th</sup> November, 2016 presented four papers they are:
  - i. **“Green synthesis of multifunctional nanoparticles**
  - ii. **“Value added food products – from laboratory to industry”**
  - iii. **“Potential of a marine bio-resource in the production of industrially important enzymes”**
  - iv. **“Exploring the potentials of marine resources for the synthesis of nanoparticles”**.
3. Masur U., Kumari P. H., Gokhale K. and Sangodkar U.M.X. (2016) **“Genetic relationships in Tylophora species of Goa as revealed by SSR and ISSR”** in an UGCsponsored *International Conference* on ‘Frontiers in Integrated Science and Technology For Sustainable Development (FISTSD 2016)’ held at Bangkok Thailand on November 11 - 15, 2016.
4. The faculties from Department of Sociology presented their papers at the ‘*Indo-Sri Lankan Academic Exchange Programme 2016*’ organized by the University of Sri Jayewardenepura, Nugegoda, Sri Lanka on 8th December, 2016.

- i. Araujo J. (2016), "**Gendered Barbie: The Socialization of Children through Barbie Animated Movies**".
- ii. Gaonkar S. (2016) "**The Changing Status of Women: An Empowerment in India**".
4. Lotlikar P.C. (2016), "**Using POGIL to Teach and Learn Design Patterns-A Constructionist Based Incremental, Collaborative Approach**" at the 8th IEEE *International Conference on 'Technology for Education 2016 (T4E 2016)'*, held at Indian Institute of Technology(IIT), Bombay from 2<sup>nd</sup> December to 4<sup>th</sup> December 2016.
5. Khanolkar U., Naik R., Khandolkar S., Naik Y., Fernandes S. and Revankar D.S. (2016) presented a poster on "**Matoli in Ganesh Festival: A treasure of flowering plants**" at the XXVI Annual Conference of IAAT and *International Seminar* on 'Conservation and Sustainable Utilization of Biodiversity' organized by Department of Botany, Shivaji University, Kolhapur from 7th to 9th November 2016.
6. At the *Indo-Sri Lankan International Students Seminar* on "Changing Geographies of Cultural Landscape (India and Sri Lanka)" organized collaboratively by Department of Geography & Research Centre of our college and Department of Geography, University of Sri Jayewardenepura, Sri Lanka on 18<sup>th</sup> March 2017:
  - i. Ferro A. (2017), "**Urbanization: A Change in Cultural Landscape of Margao**"
  - ii. Rahul P.S.(2017), "**Enhancing India – Sri Lanka Relationship: Possibilities and Prospects**"

#### **National Level:**

1. S.S.Adsul (2016) '**Anudanache Mahatva**' in the *National Seminar* on 'Anuvad Ani Bhashantar' organised by Phonda Ghat College on 21<sup>st</sup> January 2016.
2. Ayyappan A., (2016) "**Role of Knowledge Text Translation**" in Two Day *National Seminar* on 'Stylistics study phonetic form of Hindi Literature' organised by National Translation Mission, Central Institute of Indian Language, Madras on 30<sup>th</sup> January, 2016.
3. At a *National Seminar* on "Writing Centre: An Instrument to Improve Writing Skills of Students" in our college on 12<sup>th</sup> August 2016 two papers were presented they are as follows:
  - i. Sequeira V. P. (2016) "**Effectiveness of Writing Centre in improving students writing**"
  - ii. Sequeira V. P. (2016) "**Writing Centre Functioning**"
4. S.S. Advilkar (2016) "**Yashwantrao Chawan Yanche Lalitgadhyha: Ek gunsampaan Vyaktimatvacha Avishkar**" at two day UGC sponsored *National Seminar* on 'Yashwantrao Chawan Vyakti Ani Vangmay' organized by New Arts, Science and Commerce College, Ahmednagar on 23rd and 24th September,2016.
5. Sawant N. N., Pandey R. and Naik R. P. (2016) jointly won the 'Best Paper Award' for their paper "**Trends in Agriculture Pattern: A Spatio -Temporal Review of Agriculture Pattern in**

- Goa (2001 – 2010)”** at the *National Conference* on “Soil Management and Sustainable Agricultural Development” organized by Department of Geography, Hon. Shri. Annasaheb Dange Arts, Commerce and Science College, Hatkanangale, Kolhapur on 7<sup>th</sup> & 8<sup>th</sup> October, 2016.
6. Miranda M. (2016) oral presentation on “**Microstructures of Insuli and Chandranath granitoids: A comparative study of their deformation history**” at *Hutton India Conference*, Kachiguda, Andhra Pradesh on 27<sup>th</sup> November 2016.
  7. At the *National Seminar* on ‘P.P. Shirodkar Yanche Sahitya’ organised by the Department of Marathi of our college in collaboration with the Ravindra Bhavan, Margao on 15<sup>th</sup> December 2016, the following faculties presented their research papers –
    - i. S.S.Adsul (2016) “**Gomantakiya**”
    - ii. S.S. Advilkar (2016) “**P.P. Shirodkar yanchaya sahityachya samikshechi samiksha**”
    - iii. S. Sawant (2016) “**P.P.Shirodkar Yanchya Sahityatil Gomantakiya Jivnache Darshan**”
  8. S.S.Adsul (2016) ‘**Dr. Ambedkar Yanche Karya**’ at the *National Seminar* on ‘Samagra Dr. Babasaheb Ambedkar’ organised by Nirmiti Manch Kolhapur on 19<sup>th</sup> December 2016.
  9. S.S.Adsul (2016) ‘**Akashvanitil Samajik Mulyabhan**’ at the *National Seminar* on ‘Prasar Madhyamavaril Charchasatra’ organized by Mahatma Phule college of Arts, Commerce & Sceince, Pimpri, Pune on 30<sup>th</sup> December 2016
  10. Mishra R., (2017) ‘**Krishi Niravahin Chatur Kisana Baraste Hindi Sahitya: Samiksha Ke Vividh Aayam**’ in One day *National seminar* on ‘Vartaman Srijan Sandarbh Aur Dr. Shivshankar Pandey’ organised by Birla college of Arts Science and Commerce, Kalayan Maharashtra on 5th February 2017.
  11. Jatal P. (2017) ‘**Muktibodh Ka Sarjanatmak Avadan**’ in *National Seminar* on “Muktibodh Ki Kahaniyo Me Yathartha Bodh” organised by Institute Menezes Braganzaon 29th July, 2016.
  12. Nandini V. F. and Sawant N. N. (2017) “**Multilevel endeavor essential for introduction and enhancement of skill development in students – a case study**” in *National conference* on “Higher Education and Skill development in 21<sup>st</sup> Century” held at Wadala Mumbai. ISSN:2278-8158.
  13. Kunkalekar R. K. (2017)“**The Leaf-shaped silver supported cobalt boride nano-catalysts for hydrogen production using alkaline sodium borohydride solution**” in the 2<sup>nd</sup>*National conference* on “New frontiers in chemistry, from fundamentals to applications – II” organized by BITS Pilani held at KK Birla Goa Campus on 28<sup>th</sup> – 29<sup>th</sup> January,2017.
  14. Mishra R. (2017) “**Krishi Niravahin Chatur Kisana Baraste Hindi Sahitya: Samiksha Ke Vividh Aayam**” in One day *National seminar* on ‘Vartaman Srijan Sandarbh Aur Dr. Shivshankar Pandey’ organized by Birla college of Arts Science and Commerce, Kalyan, M.S. on 5<sup>th</sup> February 2017.

15. In a *National seminar* on “Entrepreneurial Opportunities in Biotechnology” held at Sir M. Visvesvaraya Institute of Technology, Bangalore from 23rd – 25th March, 2017 the following faculties presented their poster presentations:
  - i. R. Kanchana along with five T.Y students (2017) ‘**Value added food products through fortification – from Laboratory to Industry**’. The poster bagged the third prize.
  - ii. De Silva L. (2017) ‘**Callus production and phytochemical screening in ‘Trigonella foenum-graecum, Catharanthus roseus and Ocimum sanctum**’.

### **State Level**

1. Sawant N. N. (2016) “**Coastal Tourism and Environmental Issues and Challenges**” at the *State Level Conference* on ‘Environment Degradation’ held at Department of Geography, Sheth J.N. Paliwala Commerce College, Science & Arts College, Pali-Sudhagad, Dist. Raigad, from 19<sup>th</sup> to 20<sup>th</sup> August, 2016.
2. In a two days *State Level Seminar* on “21 व्याशेंकड्यांतलें गोंयचें कोंकणी-मराठीसाहित्य: स्वरूपआनीसमिक्षा” organised by the Department of Konkani in association with Directorate of Official Language, Panaji- Goa on 27<sup>th</sup> & 28<sup>th</sup> February 2017 our college faculties presented their papers are as follows:
  - i. Advilkar S.S. (2017) “**21vya Shatkatil Gomantakiya Marathi Natak- Swaroop Ani Samiksha**”
  - ii. Chopdekar H. (2017) “**21vya Shatkatil Gomantakiya Konkani Ekankika- Swaroop Ani Samiksha**”
  - iii. Amonkar R. (2017) “**21vya Shatkatil Gomantakiya Konkani Nibandh- Swaroop Ani Samiksha**”
3. Tamuly R. (2017) “**Health expenditure in India : Trends and challenges**” at the one day Research Scholar’s *Seminar* organised by faculty of Social sciences at Goa University on 22<sup>nd</sup> March 2017.
4. In a one day *State Level Seminar* on ‘Baal Sapre Yaanche Sahitya’ organized by Gomantak Marathi Bhasha Parishad, Ponda on 26<sup>th</sup> March, 2017 our college faculties presented their papers are as follows:
  - i. Advilkar S. S. (2017) “**Baal Sapre Yaanchi Vyaktichitre**”
  - ii. Sawant S. (2017) “**Baal Sapre Yaanche Lalit Lekh**”

## **RESOURCE PERSONS**

<b>S N</b>	<b>Resource Person</b>	<b>Activity</b>	<b>Topic on</b>	<b>Organized by/ Venue</b>
1.	Mr. Andrew Barreto, Department of English	deliver a Talk	Reconnecting Shakespeare	at Nehru Centre in collaboration with Dakshinayan Abhiyan
2.	Dr. Sameena Falleiro, Department of Computer Science	delivered a talk	"Mentoring System in Chowgule College"	Organized by the Department of Computer science of our college
3.	Dr. Nandini Vaz Fernandes, Department of Zoology	orientation for TYBSc students	'Research methodology'	At our College
4.	Ms. Shaila Ghanti, Dept of Computer Science	"Faculty hour "	"Apps for Education"	At our College
5.	Dr Sonia Fernandes Da Costa, Department of English	Workshop	Research Methodologies	Organized by the Dean of Languages, of our College
6.	Dr Sonia Fernandes Da Costa, Department of English	Workshop	Research Methodologies	Organized by the Dean of Languages, of our College
7.	Dr. Nandkumar N Sawant, Principal	workshop	"How To Do Effective Project At Third Year BA"	at Government College, Khandola
8.	Dr. Nandkumar N Sawant, Principal & Department of Geography and Research Center	State Conference	'Environment Degradation'	At Department of Geography, Sheth J.N.Paliwala Commerce College, Science & Arts College, Pali-Sudhagad, Dist. Raigad
9.	Mrs. Kavita Borker, Department of Psychology	To address the students	'Fit body, fit mind'	Multipurpose School, Borda
10.	Dr. Sanjay Gaikwad, Department of Geography	National Conference	"Watershed Development in India: Issues and Realities"	Organized by Balwant College, Vita
11.	Dr. Nandkumar N Sawant, Principal	Discussion Forum	"Underachievers – From Caterpillar to Butterfly"	organized by the Department of Psychology of the college
12.	Dr. Nandkumar N Sawant, Principal	at the Workshop	"How to write Assignment focusing on the topic"	Organized by C.E.S. College Arts and Commerce, Cuncolim
13.	Mr. Mahesh P. Matha, M.Sc. IT Course Coordinator, Department of Computer Science-expert	delivered a lecture	"Object-Oriented Programming using Java"	at the Government Multi Faculty College, Dharbandora, Ponda, Goa



14.	Dr. Sameena Falleiro, Department of Computer Science	workshop for newly recruited faculty	“Blooms Taxonomy”	Organized by Department of Computer Science of our College
15.	Dr. Nandkumar N Sawant, Principal	Workshop on “Practicals in Climatology and GIS”	“How to Interpret Aerial Photography”	organized by C.E.S. College, Cuncolim
16.	Dr. Sameena Falleiro, Department of Computer	Interactive session	“Exploring Studying HE Abroad”	Organized by Department of Computer Science of our College
17.	Dr. Nandkumar N Sawant, Principal	One-Day Workshop	“Techniques and Approaches to Principles of Geomorphology”	organized by the Geography department of our college
18.	Mrs. Anagha Bicholcar, Department of Geography			
19.	Shri. Vasant Shirwaiker, Department of Computer Science	Three-Day Training Programme	“Libre Office”	Organized by our College <u>in collaboration</u> with Goa Institute of Public Administration and Rural Development (GIPARD), Old Goa
20.	Smt. G.V.K. Nagalaxmi, Department of Computer Science			
21.	Dr. Anil Yedage, Department of Geogrphy	Two-Day National Level Workshop on “Concept and Methods in Practical Geography”	“Use of GPS for Mapping”	organized by Konkani Geographers’ Association of India, Sindhudurg in collaboration with Departments of Geography, S.P.K. Mahavidyalay, Sawantwadi and S.K. Patil Sindhudurg Mahavidyalay, Malvan
22.	Dr. Nandkumar Sawant, Principal	State-Level Seminar on “Teaching - Learning Methodology in Geography”	“New Methodologies in Teaching and learning Geography”	organized by Department of Geography & Research center, Parvatibai Chowgule College in collaboration with Geographers’ Association, Goa (GAG) and Higher Secondary Teachers’ Association in Geography (HISTAG)
23.	Mr. Vishal Malave, Department of Geography		“Use of Geospatial Technology in Geography”	
24.	Dr. Nandkumar Sawant, Principal	National Seminar on “Social Science: Research Methodology and New Approach”	“Recent Trends in Social Science Research”	organized by Baburao Patil College of Arts and Science, Angar, Solapur
25.	Dr. Nandkumar Sawant, Principal	Workshop on College Autonomy	presentation on Academic Autonomy	at Yashwantrao Chavan Institute of Science, Satara
26.	Shri. H.S.S. Nadkarni, Vice Principal		Role of Examinations	
27.	Dr. Nandini Vaz Fernandes,		Role of IQAC under Autonomy	



	Department of Zoology			
28.	Dr. Ananya Das, Dean of Sciences		Course structure	
29.	Mr. V.C. Kumaresh, Faculty of Computer Science		Role of OIT	
30.	Mr. Anand Masur, Faculty of Mathematics		Student Support Services	
31.	Dr. Nandini Vaz Fernandes, Department of Zoology	National conference	“Higher Education and Skill development in 21st Century”	at Wadala, Mumbai
32.	Dr. Sachin Savio Moraes, Department of Sociology	Guest Lecture	‘International Migration in Assolna, Velim, Cuncolim and the Youth’	23rd September 2016
33.	Ms. Madhavi M. Motankar, Department of Biotechnology	Interactive lecture as well as practical session	'Ethnobotanical medicines'	at our College
34.	Mrs. Rajashree Desai, Department of English – <i>Subject Expert</i>		English	at Swami Vivekanand Vidyaprasarak Mandal College of Commerce, Shirshire, Borim, Ponda-Goa
35.	Mrs. Rajashree Desai, Department of English– <i>Subject Expert</i>		English	at V.M. Salgaocar Institute of International Hospitality Education, Manora –Raia
36.	Dr. Sameena Falleiro, Department of Computer Science	a lecture	“Teaching Methodologies in Chowgule College”	at Yashwantrao Chavan Institute of Science, Satara
37.	Shri S. S. Adsul, Department of Marathi - <i>chairman</i>	<i>State Level Seminar</i>	“२१ व्या शेंकड्यांतलें गोंयचें कोंकणी- मराठी साहित्य: स्वरूप आनी समिक्षा”	organised by The Department of Konkani in association with Directorate of Official Language, Panaji- Goa
38.	Dr. Nandkumar N Sawant, Principal	Interdisciplinary National Seminar	“Livelihood, Security and Rural Transformation in India: Programmes, Implementation and Challenges”	Organized by Department of Economics, Government City College, Hyderabad
39.	Dr. Sameena Falleiro, Department of Computer Science, as resource person	delivered a lecture to the college faculties	“Teaching Learning with ICT: My Research Journey”	At our college
40.	Ms. Vidya Balekai, Personal Counsellor	Workshop	‘Effective Study Habits and self motivation’	Organized by Department of Computer science, our College
41.	Ms. Vidya Balekai,	in-house	"Understanding	Organized by Clinical

	Personal Counsellor	summer vacation workshop on "Skill Development Training"	Emotions and Decision Making"	Psychologist, Vasco.
42.	Ms. Sharmila Menezes, Personal Counsellor	Seminar	'Career Guidance'	At Akil Gomantakiya Daivadnya Brahmin Youth Association, Margao
43.	Ms. Vidya Balekai, Personal Counsellor		'Effective Study Habits'	
44.	Dr. Rishikesh Mishra, Department of Hindi	deliver a Talk	'Muhavaron, Kahavaton aur Lokoktiyon ka bhasha mein prayog evam mahattva'	organized by Government College, Quepem, Goa
45.	Mr. Yatin P. Desai, Department of Physics	workshop	"Experimental Physics"	Organized by the Department of Physics of our college
46.	Dr. Ashish Desai, Department of Physics			
47.	Ms. Priya Lotlikar, Department of Computer Science	delivered a talk	"Scratch Programming software"	Organized by the Department of Computer Science of our college
48.	<b>Mrs.</b> Sobita Kirtani, Department of Psychology	Women's day	'Women empowerment'	Organized by the N.S.S. of our college
49.	Dr. Golda Vas, Department of Psychology			

## GUEST LECTURE/S:

S N	Guest/s	Activity	Topic	Date	Remarks
1.	Dr. Nandini Vaz Fernandes, Department of Zoology	Lecture series	“Introduction to Birding – Birding Etiquettes and Qualities of Good Birder”	8 <sup>th</sup> August, 2016	Organized by the Department of Zoology (Chowgules Birders Club)
2.	Dr. Nandini Vaz Fernandes, Department of Zoology	A lecture	Chromosomal abnormalities in the Humans	August 2016	Organized by the department of Psychology
3.	Dr. Nandini Vaz Fernandes Department of Zoology	Lecture series	Genetic Disorders, Cytogenetic and molecular diagnostic techniques	16 <sup>th</sup> September, 2016	Visit to Gogate College Ratnagiri
4.			Human Karyotyping’ and ‘Detection of Genetic Disorders’		
5.	Mr. Mahesh P. Matha, M.Sc. IT Department of computer Science	A lecture	"Object-Oriented Programming using Java"	20th September, 2016	at the Government Multi Faculty College, Dharbandora, Ponda, Goa
6.	Mr. Vishal Malave, Department of Geography	Special Lecture at the Interactive Session on “Ocean to Mountain”	“Tourism in Goa: Prospects and Challenges”	Organized by Darjeeling Government College, Darjeeling	15th November 2016
7.	Dr. Nandini Vaz Fernandes Department of Zoology	A lecture	‘Birding techniques and birding etiquettes’	25th November 2016	Organized by our college under the aegis of MoU with Tullinge and Bromma Gymnasium, Stockholm, Sweden
8.	Ms. Madhavi M. Motankar, Department of Biotechnology	Guest Lecture for Sweden Exchange programme students and faculty	‘Ethnobotanical medicines’	23 <sup>rd</sup> November 2016	In our college
9.	Dr. Sameena Falleiro, Department of Computer Science	Guest lecture for Sweden Exchange programme	“Educational System in India/Goa”	27 <sup>th</sup> November, 2016	In our college

10.	Ms. Madhavi M. Motankar, Department of Biotechnology	lecture and practical session for International Exchange programme	‘Agarose Gel Electrophoresis and viewing of DNA bands using UV transilluminator; Water sample analysis of BOD, COD, TDS and Turbidity’	29th November 2016	In our college
11.	Ms. Liesl De Silva, Department of Biotechnology	Guest lecture for Trained Graduate Teachers	“The World of Cell and Microbes, Genetic Engineering and Biotechnology, Maintenance of Botanical Gardens”	5 <sup>th</sup> December 2016	At Jawahar Navodaya Vidyalayas, Goa
12.	Mr. Rovin Vaz, Department of Mathematics	lecture by Dr. T. Singh, Professor, Department of Mathematics, BITS, Goa	“Graph Theory”	26 <sup>th</sup> January 2017	at BITS – Goa
13.	Dr. Sameena Falleiro, Department of Computer Science	a lecture for Students under Japan-India Exchange Programme	“Educational System in India/Goa”	on 15 <sup>th</sup> February 2017	In our college
14.	Ms. Rupali M. Tamuly, Department of Economics	A lecture for ‘Longitudinal ageing Survey of India’(LASI) Trainers	‘Economic Development and health’	23 <sup>rd</sup> March 2017	at Institute of nursing education and training, Bambolim
15.	Mr.D.Prabakaran, Department of Computer Science - <i>chairman</i>	Board of Studies meeting	To approve the Syllabi of tybsc and M.Sc[IT] – Part II for the academic year 2017-2018	1 <sup>st</sup> April 2017	
16.	Mr.D.Prabakaran, Department of Computer Science – <i>chairman</i>	Ad-Hoc BOS Meeting	To approve the Structure & Syllabi of Semester I and Semester II of B.Voc.(Software Development) for the Academic Year 2017-2018	9 <sup>th</sup> May 2017	

### FACULTIES AS KEY, PLENARY SPEAKERS OR CHIEF GUESTS OR JUDGE

S N	Speakers/chief guests	Activity	Talk on	Organized by/ Venue	Date	Levels
1.	Dr. Omprakash Tripathi, Department of Hindi - <i>Keynote speaker</i>	book release function	authored by Dr. Brijpal Singh Gahlot titled 'Muktibodh Ke Kavya Me Yug Chetna'	at Institute Menezes Braganza, Panaji	28th July, 2016	
2.	Shri. Shrikrishna Adsul, Department of Marathi - <i>Keynote Speaker</i>	book release function	edited by Dr. Gunaji Desai titled 'Track II Samidha'		31st July, 2016	
3.	Dr. Nandini Vaz Fernandes, Department of Zoology – <i>Chief Guest</i>	Special Interactive Literary Programme	'Mala Bhavle Pustak'	Organized by the Department of Marathi of our college	25th July, 2016	
4.	Mrs. Kavita Borker, Psychology Department – <i>Chief Guest</i>	Book release of Mrs. Pushpa Gaitonde's titled 'Bhangralle Bhurgepann'			20 <sup>th</sup> August, 2016	
5.	Dr. Nandkumar N Sawant, Principal – <i>Plenary Speaker</i>	Interdisciplinary National Seminar on "Quality and Innovations in Higher Education in India: Need, Efforts and Challenges"	"Student Centric Learning Methodologies Exploring Possibilities and Sharing Students Experiences."	organized by Vishwa Bharti B.Ed. College, Sikar, Rajasthan	10 <sup>th</sup> & 11 <sup>th</sup> September, 2016	National
6.	Dr. Nandkumar N Sawant, Principal – <i>Plenary Speaker</i>	National Conference on "Soil Management and Sustainable Agricultural Development"	"Agriculture and Climate Changes: Issues and Challenges".	Organized by Department of Geography, Hon. Shri. Annasaheb Dange Arts, Commerce and Science College, Hatkanangale, Kolhapur	7 <sup>th</sup> & 8 <sup>th</sup> October 2016	National
7.	Dr. Nandkumar N Sawant, Principal – <i>Speaker</i>		"Role of Teachers in Autonomy"	at Yeshwantrao Chavan Insitute of Science, Satara- Maharashtra	28th December, 2016	National
8.	Dr. Sameena Falleiro, Department of Computer Science- <i>Speaker</i>	workshop	"Process Oriented Guided Inquiry Learning (POGIL)"	Organized by our college	21st December, 2016	Institutional
9.	Ms. Priya Lotleiker,					

	Department of Computer Science- <i>Speaker</i>					
10.	Dr. Nandkumar Sawant, Principal – <i>Plenary Speaker</i>	Two-Day National Level Workshop on “Concept and Methods in Practical Geography”	“Use of Transact Walk in Practical Geography”	organized by Konkani Geographers’ Association of India, Sindhudurg in collaboration with Departments of Geography, S.P.K. Mahavidyalay, Sawantwadi and S.K. Patil Sindhudurg Mahavidyalay, Malvan	14th & 15th January 2017	National
11.	Dr. Nandkumar N Sawant, Principal– <i>Key Note Address</i>	National Seminar on “Smart Cities and Tourism Industry in India”	“Smart Cities and Smart Tourism: Learning from Global Cities”	organized by Prof. Ramkrishna More Mahavidyalaya, Akurdi, Pune	20th & 21st January 2017	
12.	Mr. Andrew Barreto, Department of English - <i>Judge</i>	<i>Debate</i>	“Reservation Helps in Developing the Society – Yes / No”	Organized by Dean, Faculty of Social Sciences of our college	1st February 2017	
13.	Dr. Nandkumar N Sawant, Principal– <i>Key Note Speaker</i>	National Conference on “Water Conservation for Agriculture in Drought Prone Area”	“Strategies of Water Conservation in DA – Some insights of Maharashtra”		3 <sup>rd</sup> & 4 <sup>th</sup> February 2017.	National
14.	Dr. Rishikesh Mishra, Department of Hindi (PG)- <i>Special Invitee</i>	One day National seminar	‘Vartaman Srijan Sandarbha Aur Dr. Shivshankar Pandey’	organized by Birla college of Arts Science and Commerce, Kalayan Maharashtra	5th February 2017	
15.	Shri. Shrikrishna Adsul, Department of Marathi- <i>Keynote Speaker</i>	State Level Seminar	‘Baal Sapre Yaanche Sahitya’	organized by Gomantak Marathi Bhasha Parishad, Ponda	26th March, 2017	state
16.	Dr. Hanumant C. Chopdekar– <i>Chief Guest</i>	book released i.e “Sahitya Dhara” and “Teen Mama Ek Drama”		At Srujanotsav-2016 organized by the Department of Konkani of our college	From 13 <sup>th</sup> August to 20 <sup>th</sup> August 2016	



# ANNEXURE VII

## MEMORANDUM OF UNDERSTANDINGS 2016-17

S.N	MOU With	Department / Our College	Remarks
1.	Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj, Sangli	Department of Geography & Research Center of our college	
2.	Government College of Arts & Science and Commerce, Sankhali	Our College	The objectives of the MoU are: - To enhance research. - Sharing of resources and infrastructure. - Organization of joint activities in research and teaching- learning, co-curricular and extra-curricular areas. - Faculty & student exchange.
3.	Kansai University, Osaka, Japan	Our College	The objectives of the MoU are: Undertaking joint research projects, exchange of student and faculty for academic research, social and cultural purposes.
4.	Goa State Biodiversity Board, & Technical Support Group (TSG)	Our College	- TSG intends to prepare a 'People's Biodiversity Register (PBR) to give technical assistance to the 'Biodiversity Management Committee' (BMC) of assigned villages of Goa. And we are one of the Institute selected for the same. Dr. Nandkumar N. Sawant, Dr.Nandini Vaz Fernandes, Dr. Uma Masur & Dr. Sanjay Gaikwad are the members of this TSG Group.
5.	Carmel College for Women, Nuvem	Department of Zoology of our college	
6.	Vidya Prabodhini College of Commerce, Education, Computer Science and Management, Alto-Porvorim	Our College	The objectives of the MoU are: - To Enhance the Quality of Research. - Sharing of Resources and Infrastructure, Academic Development of the students, teachers, Institute and the society as well. - Organization of Joint Activities in Research and Teaching-Learning activities.
7.	Synod College Shillong, Meghalaya	Our College	The objectives of the MoU are: - To enhance research. - Sharing of Resources and Infrastructure - Organization of Joint Activities in Research and Teaching –Learning.
8.	Lal Bahadur Shastri College of Arts, Science and Commerce, Satara Maharashtra	Our College	The objectives of the MoU are: - Faculty and Student Exchange Programmes. - Sharing of Resources and Infrastructure. - Organization of Joint Activities in Research and Teaching –Learning.

## COLLABORATIONS AND LINKAGES, 2016-17

SN	Collaborations With	Department / The College	Remarks
1.	Goa Marathi Academy	Marathi	- Inaugurated the Marathi club known as “Marathi Urja Manch” on 31 <sup>st</sup> August 2016. - Organized events like “Shravandhara” and “Navankur”
2.	Ravindra Bhavan, Margao		Organized a <i>National Level Seminar</i> on “P. P. Shirodkar Marathi Literature” for students at Ravindra Bhavan, Margao-Goa on 15 <sup>th</sup> December 2016.
3.	Department of Geography, University of Sri Jayewardenepura, Sri Lanka	Geography & Research Center	Organized a <i>Indo-Sri Lanka Students Seminar</i> on “Changing Geographies of Cultural Landscape (India and Sri Lanka)” on 18th March 2017
4.	Geographers' Association, Goa (GAG) and Higher Secondary Teachers' Association in Geography (HISTAG)		Organized one-day <i>State-Level Seminar</i> on “Teaching-Learning Methodology in Geography” for Geography Teachers from Colleges, Higher Secondary and Schools across Goa on 26th April 2017
5.	Goa Institute of Public Administration and Rural Development (GIPARD), Old Goa	Our College	Organized <u>Three-Days Training Programme</u> on “Libre Office” for 34 officers from Department of Agriculture, Government of Goa, from 2 <sup>nd</sup> to 4 <sup>th</sup> November, 2016.
6.	‘Vagdhara’ Vyangyatra,	Hindi	Organized a two day national seminar ‘Vyang Mahotsav’ Satirical festival on 17 <sup>th</sup> & 18 <sup>th</sup> March 2017.
7.	Goa Writer	English	Organized a Workshop on ‘Creative Writing’ in this academic year.
8.	Dogear's Library		for Slam Poetry sessions in the year 2016.
9.	Divine Medical	Zoology	for Internship programme in their respective subject fields.
10.	Trimurti Hospital		
11.	Rajagiri Hospital		
12.	Hospicio Hospital		
13.	Royal Hospital		

SN	Linkages With	Department / The College	Remarks
1.	Directorate of Official Language, Govt. of Goa	Konkani	two days <i>State Level Seminar</i> on “Ekvisvya Shakdyatil Goyache Konkani – Marathi Sahitya: Swaroop ani Samiksha” on 27 <sup>th</sup> and 28 <sup>th</sup> February, 2017
2.	Davorlim Panchayat members and Government Primary School, Davorlim	College faculties	under the aegis of Swach Bharat Abhigyan as a part of outreach programme between Department of Computer Science and the village on 22nd December, 2016.
3.	Physics Department, Goa University	Physics	For students Internship programme in their respective subject fields.
4.	CinnamonTeal, Margao	English	
5.	Daily Newspaper Gomantak	Marathi	
6.	National Center for Antarctica and Ocean Research (NCAOR), Vasco	Geology	
7.	National Institute of Oceanography	Geology	
8.	Aximsoft India Pvt Ltd., Coimbatore (a sister concern of California based Software company, Infiswift Inc.)	Computer Science	
9.	M/S. Infiswift Inc.		
10.	Department of Fishery	Zoology	For Training Students in aquaculture techniques
11.	Forest Department Goa		For Training Students in wildlife inputs

## EXCHANGE PROGRAMMES, 2016-17

SN	Exchange programme With	Remarks
1.	Tullinge Gymnasium Stockholm, Sweden  Bromma Gymnasium, Stockholm, Sweden	<ul style="list-style-type: none"> <li>- Mr. Ashok Dange, Ms. Madhavi Motankar, Dr. Sachin Moraes and Mr. Andrew Barreto along with 18 students went to Sweden on an <b><u>Academic and Cultural Exchange Programme</u></b> from 23/04/2017 to 06/05/2017.</li> <li>- Under last year's, 2015-16 Academic Sweden Exchange Programme between 'Tullinge Gymnasium', Stockholm Sweden Dr. Nandini Vaz Fernandes along with 03 students, carried out research projects on "Comparison of lake ecology of Sweden and Goa" and "Comparison of Zoos in Goa and Sweden". Her research findings were published as article in two local newspapers viz. 'Navhind times' and 'GoanVartha' dated 07-07-2016 and 30-06-2016 respectively.</li> </ul>
2.	Waseda University, Tokyo, Japan	Dr. Sameena Faleiro and Mr. Ashok Dange along with eight students went to Waseda University, Tokyo, Japan on an <b><u>Cultural Exchange Programme</u></b> from 6th November to 20th November, 2016
3.	S.S. Jain Subodh P.G. Mahila Mahavidyalaya- Jaipur	Mr. Eltrin D'souza and Ms. Rucha Kamat along with 11 students of Department of English successfully organized their first <b><u>Cultural Exchange Programme</u></b> with the students and teachers of Jaipur on 20th January, 2017.
4.	University of Sri Jayewardenepura, Sri Lanka	Ms. Merel DSilva, Janet Araujo and Sailee Gaonkar along with nine students went as part of the <b><u>Academic Exchange Programme</u></b> with University of Sri Jayewardenepura, Sri Lanka, from 5 <sup>th</sup> to 15 <sup>th</sup> December 2016. The students presented papers at the Indo-Sri Lankan International Academic Seminar organized as part of the programme.

## VISITS

S.N.	Visit to	Details	Type
1.	Gogate college, Ratnagiri	Dr. Nandini Vaz Fernandes along with 20 T.Y.B.Sc. students of Zoology from our college performed practicals related to animal biotechnology, participated in Birding field trip to study avian biodiversity and faculty to deliver lectures series on Genetic Disorders, Cytogenetic and molecular diagnostic techniques from 16 <sup>th</sup> – 18 <sup>th</sup> September, 2016.	National
2.	Our College	By Kenta Goto, Ph.D, Vice Dean and Professor, and Yukihisa Kumagai, Associate Professor, faculties of Economics from Kansai University, Japan interacted with the faculties of the Department of Economics on 31st October, 2016. The purpose was to explore possibility of tie-up and Faculty-Student exchange programme of the institutions.	International
3.	Waseda University, Tokya, Japan	By Dr. Sameena Faleiro and Mr. Ashok Dange along with eight students for an Exchange Programme from 6th November to 20th November, 2016	International
4.	Our college	By 18 students and six faculties from Tullinge and Bromma Gymnasiums as an Exchange Programme from 20th November to 1st December, 2016.	International
5.	Govt. Primary School, Margao	By Dr. Sameena Falleiro, Department of Computer Science, interacted with the Panchayat members of Davorlim and the Govt. Primary School as part of the Outreach Programme on 22nd December, 2016.	state
6.	International Literature Festival 2017”, Jaipur	By Mr. Eltrin D’souza, Ms. Rucha Kamat and along with eleven students of F.Y.B.A. English went on an annual educational trip from 17th January to 24th January, 2017	National
7.	Academic Study Tour To Kala Ghoda Festival, Mumbai	By Mr. Andrew Barreto, Department of English along with 10 students from 8 <sup>th</sup> February to 12 <sup>th</sup> February, 2017.	National

**ANNEXURE VIII**  
**AWARDS & ACHIEVEMENTS:**

S.N	Date / Year	Faculties	Department	Awards	Remarks
1.	25.09.16	Nandini Vaz Fernandes	Zoology	Awarded for Research and Consultancy	At 'Founders Day Function' held at Parvatibai Chowgule College of Arts and Science
2.		Andrew S. Barreto	English	Awarded for Excellence in Student Related Activities & Public Relations	
3.	7 <sup>th</sup> & 8 <sup>th</sup> October, 2016	Nandkumar N Sawant, Radhika Pandey and Kiran Prakash Naik	Geography	won the 'Best Paper Award' for their paper titled "Trends in Agriculture Pattern: A Spatio-Temporal Review of Agriculture Pattern in Goa (2001 – 2010)" presented at the National Conference on "Soil Management and Sustainable Agricultural Development"	Organized by Department of Geography, Hon. Shri. Annasaheb Dange Arts, Commerce and Science College, Hatkanangale, Kolhapur.
4.	2016	S.S Adsul	Marathi	Honoured for 'dedicated and meritorious contribution to the society' by Ravindra Bhavan, Margao and Dalit Seva Sanghatha, Goa state	
5.	June, 2016	Carol Baretto Miranda	French	cleared the UGC NET Exam	
6.	25th August 2016	Dr.Sameena Falleiro	Computer Science	Awarded for her PhD	At 'Founders Day Function' held at Parvatibai Chowgule College of Arts and Science
6.		Dr. Sachin Moraes	Sociology	Awarded for his Ph.D. thesis completion titled 'Goan Diaspora: A study of socio-cultural Dynamics in Goa'	
7.	June 2016	Mr. Malcolm Afonso	Geology	Passed CSIR-National Eligibility Test (NET)	
8.		Dr. Anagha Bicholcar	Geography	Awarded PhD from SNTD Womens' University, Pune	
9.		Dr.Sameena Falleiro		successfully completed MOOC on 'ICT Integration in Higher Education' from SNTD Women's University, Mumbai with Grade A.	

**FOR SUPPORTING STAFF**

S.N	Date/ Year	Supporting Staff	Department	Awards/ Achievements	Remarks
1.	25.08.2015	Sarvesh S. S. Narvencar	Administration	Award for 'Best General Administration and Accounts'	At 'Founders Day Function' held at Parvatibai Chowgule College of Arts and Science
2.		Prakash G. Sawant	Botany	Award for 'Best Support Staff'	



## ANNEXURE IX

### **MAJOR RESEARCH PROJECTS**

S.N. .	Title of the project	Name of the teacher	Year	Amount		Sponsored by	Status
				Sanctioned	Received		
1.	Ref:-41-1067/2012(SR) Title:- Socio-Cultural Transformation and impact on the society	N. N. Sawant	2013-16	804600	511600	UGC	Completed
2.	Ref:- NO.SB/YS/LS-244/2013 Title:- “Heavy metal bioaccumulation and genotoxicity studies of fishes exposed to mining effluents in Goa”	Nandini Vaz Fernandes	2014-17	1310000	1150000	(SERB) DST	On going
3.	Ref:- F.No.43-356/2014 (SR) “Assessment of Carbon Stock and Carbon Sequestration Scenario through Land Use Change in the State of Goa”	Sanjay S Gaikwad	2016-17	13.85 Lakhs	910000	UGC	Ongoing

### **MINOR RESEARCH PROJECTS**

S.N.	Title of the project	Name of the Chief Investigator	Duration year	Sponsored by	Amount		Status
					Sanctioned	Received	
1.	Sangharsha Sanman (Gomantakiya Sahitya Va Sudharakanche Karya)	S.S.Adsul	2016-17	Ravindra Bhavan Margao (Art and Culture Department, Government of Goa)	25000	25000	Completed

## ANNEXURE X

Name of Organisation	Feed Back from The Company on internship
1. Goa Rugby Union	Very Happy with the ideas and enthusiasm from all the students. The students need to do these internships for atleast 3 months or more.
2. Satyam Pharmaceuticals	Overall happy with the students.
3. Raiker Pathology Lab	We are pleased with the students performance. The Internship hours (120 hours) could be a little more longer so that the students can spend atleast 4 weeks (1 month) at the lab.
4. Carpe Diem art Gallery	The interns have been very helpful in the work that we do here. I feel the internship period of 1 month to 1 and half months suits well for us. The students are well equipped with skills that we find useful. We would only suggest if students are trained well in Microsoft Office. documentation and report writing skills and can be great for Carpe Diem Art Gallery
5. El Shadai trust	Satisfied with the students as they do what we tell them to do. However, Students lack creativity and proactiveness. The students should be more interactive during field visits where we have to go and interact with the migrant people and children. It will be ideal if minimum 2 months are dedicated for Internship as we could organise some awareness program for street children and migrant population. Street child. It will be great if the student come prepared with a questionnaire or set of questions that they want to know about the work we do here at the shelter.
6. Red Bull	Very pleased with the performance of the student. The student needs to have good communication skills, self belief and must take pride in the job given to them. Atleast 3 month of internship can be very rewarding for a student to pick up sales as a career.
7. Radisson Blue	The student was very punctual and had a good attitude. We are happy to have more students interning with us in the months to come. All we expect is a good personality, willingness to learn and good attitude towards work thats given to them.
8. Sangath Raia	The internship period was for 120 hours and we were happy with this time. The students were punctual and have met our expectations

# ANNEXURE XI

Particulars	Type of Financial Support / Scholarships	Names of Students	Amount (in Rs.)
Financial support from institution	CAUSE (Corpus Altru: Ushering and Supporting Education)	1. Bismilla Shaikh	8000.00
Financial Support from Government	Goa Konkani Academy	1. Fernandes Jenel Monica	675.00
		2. Costa Swizel	608.00
	Govt. Merit Scholarship - First Term (B.A. and B.Sc. Section - Three students each from F.Y, S.Y., T.Y.)	3. Chelsea Marie Da Guia Furtado	540.00
		4. Pai Kane Niriksha Sudin	675.00
		5. Colaco Shweta Chiquita	608.00
		6. Fernandes Preshly	540.00
		7. Sinai Sancou Archa Dataraj	675.00
		8. Barbosa Noronha Jeanette Camilla	608.00
		9. Cotta Krishen Harriet	540.00
		10. D'costa Rachel Sarah	578.00
		11. Vernekar Saili Dilip	520.00
		12. Painter Simran Shukur Ahmed	462.00
		13. Shah Shuhanker Jitendra	675.00
		14. Braganza Lizzie	608.00
		15. Sayed Yusra	540.00
		16. Angelo George	675.00
		17. Pai Ravina Ramanand	608.00
		18. Sadekar Satyam Upendra	540.00
	Govt. Merit Scholarship - Second Term (B.A. and B.Sc. Section - Three students each from F.Y and S.Y., whereas four students from T.Y.)	1. Naveen Hari	675.00
		2. Naik Swara Vishant	608.00
		3. Shirodkar Siddi Prakash	540.00
		4. Pai Kane Niriksha Sudin	675.00
		5. Fernandes Preshly	608.00
		6. Fernandes Clint Noel	540.00
		7. Rege Ankita Guruprasad	675.00
		8. Fernandes Jennifa	675.00
		9. Dias Mariah Anna	675.00
		10. Cotta Krishen Harriet	608.00
		11. Barbosa Noronha Jeanette Camilla	540.00
		12. Fernandes Vanford Jesus	675.00
		13. Soumya Santosh	608.00
		14. Shaikh Dawood Alihusain	540.00
		15. Vernekar Saili Dilip	540.00
		16. Sayed Yusra	675.00
		17. Pinto Michelle Maria	608.00
		18. Shah Shubhankar Jitendra	540.00

		19. Kankonkar Ankur Shanu	975.00
		20. Steffi Samuel	780.00
		21. Pai Ravina Ramanand	540.00
<b>TOTAL</b>			<b>31,975</b>
<b>Financial Support from other sources</b>	Shri Raghunath & Smt.Laximibai Raghunath Nagwekar Memorial Prize For Highest Aggregate Marks In Chemistry	1. Desai Divya Diller	1,500.00
	Dr. S.S.Phadke Prize (Konkani)	2. Tari Akanksha Umesh	800.00
	Physics Dept. Prize (T.Y.B.Sc.)	3. Angelo George	80.00
	Shri R. S. Rao Prize For Securing Highest Marks In Mathematics At Xii Exam And Joining B.Sc. With Maths As One Of The Subject In Chowgule College	4. Fleta Costa	850.00
	Shri R. S. Rao Prize For Securing Highest Marks In Mathematics At B.Sc. Final Exam.	5. Naik Swati Pundalik	850.00
	Prof. Devidas Jaiwant Malkarnekar Memorial Prize Will Be Awarded To A Student Passing Tybsc University Examination From This College At First Attempt, Securing Highest Total Marks In Physics (Obtaining Min. 60% Marks)	6. Oliveira Pearl Isabella	1,500.00
	Late Afroz Sheikh Memorial Scholarship	7. Naik Kiran Prakash	5,000.00
<b>Post Graduate Scholarships</b>	B.A. Final Highest In Geography	1. Gauns Desai Apurva Shekar	1,000.00
	M.A. Final Highest In Geography	2. Naik Kiran Prakash	2,000.00
<b>TOTAL</b>			<b>13,580</b>

## ANNEXURE XII - SPORTS

### NATIONAL LEVEL

SN	Discipline	Event	Number Of Participants	Medals
1	College Cricket Men Team INTER COLLEGIATE CRICKET	NATIONAL	16	16
2	Crizzle Claudia Jean, TOUCH RUGBY	NATIONAL	1	1
3	Prabhudessai Somesh Sandesh SOUTH ZONE UNDER 19 CRICKET	NATIONAL	1	--
4	Fernandes Royd Domingo SOUTH ZONE HANDBALL	NATIONAL	1	--
5	Shetkar Ankesh Baburao SOUTH ZONE HANDBALL	NATIONAL		
6	Naik Sanjula Sudhakar BCCI CHALLENGER TROPHY CRICKET	NATIONAL	1	--
7	Naik Sanjula Sudhakar BCCI SENIOR WOMEN CRICKET	NATIONAL	1	--
8	Naik Sanjula Sudhakar BCCI U23 WOMEN CRICKET	NATIONAL	1	--
9	Naik Sanjula Sudhakar SOUTH ZONE U 23 CRICKET	NATIONAL	1	--
10	Naik Sanjula Sudhakar INTER UNIVERSITY CRICKET	NATIONAL	1	--
11	Gurav Vinavi Kashinath BCCI SENIOR WOMEN CRICKET	NATIONAL	1	--
12	Gurav Vinavi Kashinath BCCI U23 WOMEN CRICKET	NATIONAL	1	--
13	Gurav Vinavi Kashinath SOUTH ZONE SENIOR WOMEN CRICKET	NATIONAL	1	--
14	Gurav Vinavi Kashinath SOUTH ZONE U 23 CRICKET	NATIONAL	1	--
15	Gurav Vinavi Kashinath INTER UNIVERSITY CRICKET	NATIONAL	1	--
16	Savitha Telgi TAEKWONDO	NATIONAL	1	--
17	Cardoso Lyndon Provanlee PARALYMPIC GAMES	NATIONAL	1	1
18	Cardoso Lyndon Provanlee FUTSAL	NATIONAL	1	1
19	Neha Correia Aphonso BOARD SAILING	NATIONAL	1	1
<b>TOTAL</b>			<b>34</b>	<b>20</b>

**STATE LEVEL**

Sr No	Discipline	Event	Number Of Participants	Medals
1	Athletics	GU IC	18	1
2	Badminton	GU IC	10	--
3	Basketball	GU IC	44	24
4	Chess	GU IC	6	--
5	Cricket	GU IC	32	32
6	Cross Country	GU IC	--	--
7	Cycling	GU IC	4	1
8	Futsal	GU IC	10	10
9	Football	GU IC	36	--
10	Handball	GU IC	12	--
11	Hockey	GU IC	32	--
12	Judo	GU IC	1	1
	Kabaddi	GU IC	24	12
13	Power lifting	GU IC	17	--
14	Swimming	GU IC	2	1
15	Table Tennis	GU IC	10	5
16	Taekwondo	GU IC	14	14
17	Tennicoit	GU IC	5	--
18	Tennis	GU IC	6	--
19	Volleyball	GU IC	12	--
20	MULTI SPORTS	GOA OLYMPICS	52	64
21	Archery Parshuram Chavan	State Championship	1	2
22	Tae Kwon Do Anushka Parab Savitha Telgi	State Championship	2	2
<b>TOTAL</b>			<b>350</b>	<b>169</b>

GU IC : Goa University Inter Collegiate