

**PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)**  
**CRITERION VI- GOVERNANCE, LEADERSHIP AND MANAGEMENT**


**6.3 FACULTY EMPOWERMENT STRATEGIES**

**6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes during the last five years**  
**(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.,) (10)**

Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)	No. of Teachers Year wise
Bareto Judith	UGC-Human Resource Development Centre, University of Calicut, Mallapuram, Kerala	10-08-2016 - 30-08-2016.	2016-17=10
Belurkar R	short term course- University of Mumbai	7-11-2016 - 12-11-2016.	
Sachin Moraes	Orientation Programme' -UGC-HRD Centre Goa University	05-01-2017 to 01-02-2017	
Sobita Kirtani	Orientation Programme-UGC-HRD Centre Goa University	05-01-2017 to 01-02-2017	
Fernandes Da Costa S	MOOC -SNDT Women's University - Dept. of Educational Technology	17-10-2016 to 04-10-2016	
Barreto Andrew	MOOC -SNDT Women's University - Dept. of Educational Technology	17-10-2016 to 04-10-2016	
D'Costa Eltrin	Reading and Writing Conflicts- Goa University	18-07-2016 to 29-07-2016	
Motankar Madhavi	STC- recombinant protein Production	20-06-2016 to 26-06-2016	
Devli Meghana	FTP- Geological mapping and Mineral Exploration by GSI Hyderabad	04-06-2016 to 10-06-2016	
Advilkar Sanika	EDP Training by ICT academy and RGNID	08-08-2016 to 12-08-2016	
Manjita R. Porob,	Refresher course- Chemistry-HRDC,Goa University, Goa	01-12-2017 to 21-12-2017.	2017-18=09
Lactina R. Gonsalves	Refresher course- Chemistry-HRDC,Goa University, Goa	01-12-2017 to 21-12-2017.	
Sachin B. Kakodkar	Refresher course- Chemistry-HRDC,Goa University, Goa	01-12-2017 to 21-12-2017.	
Andrew Barreto	Orientation Programme" -UGC-HRDC, Goa University, Goa	14-11-2017 to 11-12-2017	
Rohan K. Kunkalekar	Orientation Programme" -UGC-HRDC, Goa University, Goa	14-11-2017 to 11-12-2017	
Ashish Ashwini	Orientation Programme" -UGC-HRDC, Goa University, Goa	8-02-2018 to 07-03-2018	
Anagha Bicholkar	Refresher course-Geography HRDC,Goa University, Goa	04-12-2017 to 24-12-2017	
Malcolm Afonso	NPTEL - Digital image processing	01-07-2017 to 01-08-2017	
Andrew Barreto	NLT- Flipped learning	23-4-2018 to 11-05-2018	
Sanjay Gaikwad	Refresher Course in Earth Sciences (Geography)	14-11-2018 to 04-12-2018	2018-19= 05
Manjita Porob	Refresher Course in Chemistry	01-11-2018 to 27-02-2019	
Padmini Panjkar	Refresher Course in Chemistry	01-11-2018 to 27-02-2019	
Amisha Shiroadkar	Refresher Course in Life Science	28-09-2018 to 18-10-2018	
Ramu Pagi	STC-Data Analysis and R-Software	12-12-2018 to 17-12-2018	
A.Ashish	STC-Teaching (ARPIIT) on 'Climate Change	01-09-2019 to 09-02-2020	2019-20= 07
Mayuri M. Naik	Orientation Programme	30-07-2019 to 26-08-2019	
MadhuBalekai	STC- MOOCs, e-Content Development and Open Educational Resources"	17-12-2019 to 23-12-2019	
Nandini Vaz Fernades	STC-"Challenges in Higher Education"	17-12-2019 to 23-12-2019	
Mayuri M. Naik	STC-Online course - "Basics in Chromatography	7-05-2020 to 16-05-2020	



Malcolm Afonso	Course-Copernicus MOOC,	9-03-2020 to 28-05-2020	2020-21= 17
Malcolm Afonso	Course-Learn to code in Python 3: Programming beginner to advance,	9-01-2020 to 25-04 -2020	
Mayuri Naik	FDP- Drug Delivery	31-05-2020- 05-06-2020	
Andrew Barreto	Refresher Course in English	01-10-2019 to 16-02-2020	
Sanjay Gaikwad	STC-Teaching (ARPIT) on 'Climate Change	01-09-2019 to 09-02-2020	
Swati Ghadi	RC-Completed online course on "Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials"	13-06-2020 to 1-07-2020	
Mayuri M. Naik	1st Online Refresher Course in Chemistry, UGC-HRDC, Gujarat University	28-09-2020 to 11-10-2020	
Aresh Naik	Online Guru Dakshata faculty Induction Programme	27-07-2020 to 25-08-2020	
Alka Gawas	Online Guru Dakshata faculty Induction Programme	27-07-2020 to 25-08-2020	
Deepak Kumbhar	Geospatial Applications for Disaster Risk Management (Basic Module track 1)	13-10-2021 to 28-10-2021	
Deepak Kumbhar	Geospatial Applications for Disaster Risk Management (Advanced Module track 2)	29-10-2021 to 13-11-2021	
Deepak Kumbhar	Course-"RS & GIS Applications"	02-11-2020 - 20-11-2020	
Madhavi M. Motankar	STC-'Academic Leadership in Higher Education'	17-05-2021 to 21-05-2021	
Starlaine Mascarenhas	STC-Faculty Development Programme on 'Synthetic Biology'	14-12-2020 to 18-12-2020	
Starlaine Mascarenhas	STC-Faculty Development Programme on 'Aqua-food technology	4-01-2021 to 8-01-2021	
G. K. Naik	STC-Essential Skills and Technologies for Quality Research	30-03-2021 to 03-04-2021	
G. K. Naik	STC-Design Thinking as Strategical Tool for Innovation and Creating Start-up	19-04-2021 to 23-04-2021	
G. K. Naik	STC-Functional Materials for Engineering Applications	15-02-2021 to 19-02-2021	
Nandkumar Sawant	STC-Statistical Analysis and Basic of research using excel	12-06-2021 - 18-06-2021	
Devli Meghana	STC-Training on micropalontology and C-Dating	21-07-2021 to 31-07-2021	
H S Nadkarni	STC-Training on micropalontology and C-Dating	21-07-2021 to 31-07-2021	
Gautami Manakikar	STC-FDP-'Research Methodology'	26-05-2021 to 01-06-2021	

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





**Parvatibai Chowgule College of Arts and Science**  
Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale )  
Best affiliated College-Goa University Silver Jubilee Year Award

# **INTERNAL QUALITY ASSURANCE CELL (IQAC) REPORT 2017-18**



SUBMITTED TO

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)**  
**Bangalore, Karnataka - India**

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

## **Report 2017-18**



**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

ParvatibaiChowgule 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:

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

*(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)*

**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	May 2014	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)**

2017-18

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

- i. AQAR : 2009-10 submitted to NAAC on 21.11.2011
- ii. AQAR: 2010-11 submitted to NAAC on 12.12.2012
- iii. AQAR: 2011-12 submitted to NAAC on 12.08.2013
- iv. AQAR: 2012-13 submitted to NAAC on 26.05.2014
- v. AQAR: 2013-14 submitted to NAAC on 09.06.2015
- vi. AQAR: 2014-15 submitted to NAAC on 04.04.2016
- vii. AQAR: 2015-16 submitted to NAAC on 25.02.2017
- viii. AQAR: 2016-17 submitted to NAAC on 29.03.2018

**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)**

B.Vocational

### 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 ☒

<b>University with Potential for Excellence</b>	<input type="text" value="-"/>	<b>UGC-CPE</b>	<input type="text" value="-"/>
<b>DST Star Scheme</b>	<input checked="" type="checkbox"/>	<b>UGC-CE</b>	<input type="text" value="-"/>
<b>UGC-Special Assistance Programme</b>	<input type="text" value="-"/>	<b>DST-FIST</b>	<input type="text" value="-"/>
<b>UGC-Innovative PG programmes</b>	<input type="text" value="-"/>	<b>Any other (Specify)</b>	<input type="text" value="-"/>
<b>UGC-COP Programmes</b>	<input type="text" value="-"/>		

## 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	5

2.11 No. of meetings with various stakeholders: No.  Faculty

Non-Teaching Staff  Students  Alumni  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.  International  National  State  Institution Level

(ii) Themes

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

As per the annual academic plan laid down by the IQAC, the following activities were conducted. These activities can be categorized as follows.

### **a) Teaching Learning:**

Besides the teaching learning modes already practiced, the IQAC introduced two New teaching-learning methodologies for this academic year. Induction Programme and Continuous in-house Training Programmes on various teaching-learning pedagogies like Blooms Taxonomy, Claap/Google Classroom and Content development for the newly appointed faculty were conducted. A two day workshop on “Flipped Learning” was conducted for faculty. Lastly, the Centre for Teaching Learning was established on 7<sup>th</sup> November, 2017 through the funding from RUSA. This Centre has an audio-visual room, flipped classroom and computer Lab. This Centre aims to train faculty in various teaching-learning methodologies, ICT tools, organise talks, seminars, conduct training programmes etc. (*Please See Annexure XVII*)

### **b) Research consultancy and extension activities**

For the academic year 2017-18, the IQAC of the institution had taken multiple initiatives to further promote research in the institution. Workshops and seminars were conducted on ‘Funding bodies for availing research grants’, ‘Plagiarism in Academic Writing’, Research Data management – Orcid registration etc. As outcome of the initiatives, the research published and presented was increased. This year we recorded highest number of research projects funded by various bodies. Research portal was launched on the college website which served as E-database of research at the institution. 06 departments of the college were selected for funding under STAR College Scheme of DBT, Govt of India, making us the first college in Goa to be funded under this Scheme. There was considerable increase in the extension activities and Community outreach activities as this year departments also took the initiatives to conduct activities for community besides the NSS and NCC."

### **c) Enhancement and Enrichment of Human resource**

Apart from academic and research activities, there was emphasis on Human Resource Development. It was channelized through workshops, counselling session and training programme. There were two prominent workshops of “Conflict Management and Conflict Mediation’ by international faculty, Mrs Ana Martins, Psychologist, University of Porto, Portugal and Prof. Patrick McNamara, Director of International Studies and Programme, University of Nebraska, Omaha.

For the non-teaching, a training on computer literacy, health camp and awareness programmes were conducted and for the students, Chowgules Youth Entrepreneurship’, a two-day programme was conducted in association with Pai Foundation, Mumbai.

Various committees organized awareness programs like prevention of sexual harassment at work place, Zero based budgeting, academic related programs and activities.

Lastly, at the end of the year IQAC conducted 'Positive Chowgules' where every department presented best practises of their department.

## 2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
1. To develop specialised centres	1. Three centres were established a) Translation centre b) Teaching Learning Centre. And c) Central Research Lab.
2. Enrichment and Enhancement Human resource	2. Various workshop, training programmes and interactive sessions were conducted for the faculty and support staff.
3. Promotion of research and consultancy	3. a) 32 research papers were presented in international/national/state level conferences. b) 31 research papers were published in international/national and state journals and proceedings. c) The sanctioned and ongoing research grants for 10 projects. 06 minor and 02 major Project proposals were submitted.
4. Development of infrastructure	4. With the assistance of RUSA and management grant, the following infrastructure was developed a) Research lab b) Audio visual room, computer lab for training, c) Environmental lab. d) ICT infrastructure e) Automation of administration and account section.

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

## 2.15 Whether the AQAR was placed in statutory body

Yes ☒ No ☐

Management ☒ Syndicate ☐ Any other body ☐

### **Provide the details of the action taken**

In view of the report of the academic audit the governing body suggested to reduce the quantum of syllabus and accordingly across all courses the syllabus was by 20per cent, to increase the rigour and participation of students for the in-depth study of the course. This step was taken in view of the feedback received from various stakeholders.

As per the governing body recommendation to enhance the teaching-learning and evaluation processes, the IQAC prepared handbook describing the different modes of T-L-E processes to be adopted by the college. Different T-L-E methods documented to cater to the different types of learners in the classroom/field.

## **Part – B**

### **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	3		3	
PG	6		6	
UG	22	2	2	1
PG Diploma	3		3	3
Advanced Diploma				
Diploma	1			1
Certificate	11		11	11
Others				
<b>Total</b>	46	02	25	16

Interdisciplinary		2	2	
Innovative		1	1	

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

All of the above are applicable.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	37
Trimester	-
Annual	-

1.3 Feedback from stakeholders\* Alumni ☐ Parents ☐ Employers ☒ Students ☒  
 (On all aspects)  
 Mode of feedback : Online ☒ Manual ☐ Co-operating schools (for PEI) ☐

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

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

Considering the outcome of Academic audit and following the recommendation of the Governing body, the Board of studies of every subject have revised their syllabi. The revision also incorporated the suggestions from various stakeholders in view of need of employment sectors.

The salient features were:

- a. Reduction of theory component of syllabus to enable in-depth study of the courses.
- b. The number of practicals were reduced from 15 to 8-10 per semester.
- c. Project based practicals were introduced to enable students to understand application of the course.
- d. Certain courses were reorganised based on the level of difficulty.

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

Two new courses were introduced

- i. B.Sc. in Statistics
- ii. B.Voc. in computer software development.

Two new specialised centres were established:

- iii. Chowgules Translation Centre (Dtd. 22<sup>nd</sup> July 2017)
- iv. Centre for Teaching Learning (Dtd. 8<sup>th</sup> November, 2017)

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
56	27	28	-	1

2.2 No. of permanent faculty with Ph.D.

27

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	-	-	-	-	-	38	-	4	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

8

8

1

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	13	18	26
Presented papers	15	26	1
Resource Persons	-	2	3

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

The various teaching-learning methodologies used in the Institution over the past few years were Experiential Learning through Constructivist model, Application model, use of Audio lecture, Group discussions, Case Studies, Debates, Problem Based Learning, Traditional Lecture Method, Field based Learning, Blended Learning, Creation of Role plays and Street plays too were extensively used across the Departments.

Besides these the innovative processes that were implemented during the academic year 2017-2018 were:

- POGIL (Process Oriented Guided Inquiry Learning).

POGIL is a student-centred, group-learning instructional strategy and philosophy developed through research on how students learn best. This method is now widely being used by most members of faculty in Chemistry and Computer Science Department.

- Flipped Learning

Flipped Learning is implemented by using Cooperative Learning Strategies such as Think-Pair-Share and Round Table. This method is practiced by the departments of Geology, English, Sociology, Biotechnology and Psychology. With an intention to encourage research culture in the students at UG level itself, the second year students under the Research Writing component are made to refer

research papers in their respective subjects and to prepare a summary report which then is evaluated by the department faculty.

- ‘Positive Chowgules’ an annual event for all faculty members in the College that showcases the Best Practices with respect to Teaching-Learning and Innovation in each Department was held.  
(For details please refer Positive Chowgules given in Annexure XIII).
- Some of the New Evaluation methods adopted this academic year were:
  - Submission-based projects using portfolio method/ term papers (Semester End Exam);
  - Flexibility for use of different Modes for evaluation at Continuous Assessment (CA) was encouraged (This is explained further in section 2.8 of this report that follows).

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

182
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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)

The students are assessed on a regular basis through ‘Continuous Assessment’ and ‘Semester End Examination’. In adopting such a model, the student is expected to remain in touch with the courses that he/she has opted for. Moreover, a course teacher exercises the freedom to assess a student using various modes such as MCQs, assignments, presentations, review of research papers, group discussions, viva etc. Also, certain courses are evaluated based on portfolios prepared and submitted by the students at the end of a course. Such courses may involve field-based experiential learning. Faculty and Students use LMS (Learning Management System) Like CLAAP (Chowgules Learn Anytime Any Place) and Google Classroom for all their Teaching-Learning and Evaluation processes throughout the Academic Year.

The methods adopted for evaluation particularly in the ‘Continuous Assessment’ for theory component of the course, vary among the department. These include open book examination, paper review, digital short story telling, term papers, portfolios, documentary film-making.

For courses in 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. E-journals were uploaded by Faculty on a regular basis.

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

122	122	122
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The institution being autonomous all the regular faculty are members of their respective Board of Studies in accordance with Goa University ordinances.

**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 in Grades				
		Distinction %	I %	II %	III %	Pass %
B.A.						
B.Sc						
P.G.						

*Please refer to Annexure IV*

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

The IQAC in its regular meetings discusses, deliberates and contributes suggestions and mechanisms in an open manner issues pertaining to maintaining quality in education in the Institution. The student performance at the End Semester exams act as feeders to monitoring the progress of the student academically. Further, the internships, placement and admissions to post-graduate courses act as indicators to evaluate the effectiveness of the extracurricular activities, electives and other credits/papers offered by the Institution.

The IQAC with an aim to encourage departments to evaluate their “education quality processes” – offered through the various courses that are run by the departments introduced the method of conducting an Academic Audit. This Academic Audit is required to produce, assure, and regularly monitor and improve the quality of teaching and learning.

An Academic Audit is a basic component of the system of Academic Autonomy. Its purpose is to establish a process of self-appraisal as to how the academic programmes and initiatives of the College are being executed by individual teachers. It aims at verifying if the academic programmes and initiatives are in tune with the Vision and Mission of the College and if the conditions and requirements set by the Board of Studies and the Academic Council are being met.

The Academic Audit encompasses the implementation of the teaching-learning-evaluation processes, the contribution towards achieving the vision and mission of the College and the participation in the extension activities of the Department and the College.

The purpose of an Academic Audit therefore as envisaged by the IQAC is to encourage departments to evaluate their own courses. This year too, the Academic Audit was taken up as a process for improvement and up gradation of the courses within the adopted autonomous system.

The IQAC prepared an Audit Form that was to be filled individually by every faculty for each paper that was being taught in every semester. This duly filled in Academic Audit form broadly covered qualitative and quantitative data in areas pertaining to teaching-learning methods used; syllabus content, coverage and delivery mechanisms; evaluation methodologies used; research and innovation. The Audit form also aims to incorporate teacher-students comments/suggestions, if any with focus towards improvement and enhancement of quality of teaching-learning. This duly filled in Academic Audit form along with supporting documents and evidences is then submitted by each faculty to the Audit Committee in person.

### 2.13 Initiatives undertaken towards faculty development 78

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	4
UGC – Faculty Improvement Programmes	32
HRD Programmes	2
Orientation Programmes	24
Faculty Exchange Programmes	3
Staff training conducted by the university	-
Staff training conducted by other institutions	6
Summer / Winter schools, Workshops, etc.	7
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	71	4	4	3
Technical Staff	14	5	7	2

## **CRITERION – III**

### **3. Research, Consultancy and Extension**

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

As research is identified as one of the key focus for the institution, short term and long-term goals were purposefully identified to streamline works and events to be organised to promote research on campus. For the academic year 2017-18, the IQAC of the institution had taken multiple initiatives to further promote research in the institution.

- Research committee meetings were convened with faculty members to encourage research proposals. They were explained the institutional policies for encouraging research. As outcome of the establishment of 'Research Discussion Forum' (RDF) by the research committee in 2016-17, the institution managed to initiate research links and submit 03 interdisciplinary project proposals for obtaining funds.
- The sanctioned and ongoing research grants for 2017-2018 was 10, the highest recorded in the college over past years. 06 minor and 02 major Project proposals were submitted for availing funding for academic year 2017-18. New sanctioned projects included 04 proposals by DHE-DST, 02 grants received from ICSSR and 1 from DST.
- The college was also looking towards up-gradation of research infrastructure and development of research aptitude of teachers and students and create scientific temperament. In view of this proposal for 'DBT Star College Scheme' was submitted. Six UG science departments of College were thereafter selected for funding under this scheme, making us the first college in Goa to be funded under STAR College Scheme by DBT.
- Another important achievement of 2017-18 was establishment of E-database of research. The research portal was introduced on the college website. The database harbours research policies, research infrastructure, projects, and publications etc. of the institute. Various documents are also made available on the portal for faculty members and students pertaining to research ethics, funding bodies etc.
- Research Publications: Articles in refereed journals and books are the main form of communication in research. The average paper publications, conferences /seminars/workshops attended or organised etc showed increase for the academic year 2017-2018. There were 32 research papers that were presented in international/national/state level conferences. 31 research papers were published in international/national and state journals and proceedings.
- Workshops/ seminars: Initiatives towards spread of awareness on research ethics was manifested through conduct of seminars/ talks for faculty members. 18 guest lectures were organised by various departments as part of academia- industrial interactions for knowledge enrichment. Our faculty members were also invited as resource persons for 18 sessions/conferences.

- Extension activities and Community services: 46 extension activities were conducted by various departments. The college conducts various programmes and activities to address the need of social responsibility. Multiple activities and programmes were organised to sensitize students to the social issues and Inculcate values and commitment to society, by the NSS unit of the college as well as by the departments.

NSS unit of the college conducted 31 activities and departments organised 24 community outreach activities.

- Linkages and MoUs: New linkages were created by various departments for the purpose of internships. 06 new MoUs were signed for this year. 12 new linkages were created for the purpose of research and internships.
- Consultancy: Faculty members also undertake consultancy works based on their area of expertise. Income generated through consultancy was 1.8 lakhs.

### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	3	2	2
Outlay in Rs. Lakhs	11.12	--	13.1	11.2

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	--	5	06
Outlay in Rs. Lakhs	-	--	7.2	21

### 3.4 Details on research publications

	International	National	Others	Total
Peer Review Journals	14	11		31
Non-Peer Review Journals			04	
e-Journals	14	06		
Conference proceedings		02		
Paper presentations	14	17	01	32
Total papers presented and published	28	30	05	63

### 3.5 Details on Impact factor of publications:

Range 2.2 – 5.1 Average 3.2 h-index 2 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 projects	2017- 20	Science & Engineering Research Board	19,20,000/-	9,60,000/-
	2017-18	ICSSR and National Research Council Thailand- NRCT (Thailand)	3,50,000/-	3,50,000/-
Minor Projects	2017-19	Directorate of Higher Education (DHE)	3,20,000/-	1,60,000/-
			3,10,000/-	1,55,000/-
			3,60,000/-	1,80,000/-
			3,50,000/-	1,75,000/-
		ICSSR	2,50,000/-	50,000/-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects ( <i>other than compulsory by the University</i> )				
Any other(Specify)	2017-18	RUSA (research component)	30,00,000/-	30,00,000/-
Total			65,10,000/-	50,30,000/-

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

ii) Without ISBN No.

**3.8 No. of University Departments receiving funds from**

UGC-SAP

CAS

DST-FIST

DPE

DBT Scheme/funds

**3.9 For colleges**

Autonomy

CPE

DBT Star Scheme ☒

INSPIRE

CE

Any Other (specify) ☒  
GOA-DHE,  
ICSSR,  
RUSA.

**3.10 Revenue generated through consultancy**

**3.11 No. of conferences  
organized by the  
Institution**

Level	International	National	State	University	College
Number	-	3	3	-	25
Sponsoring agencies	ICSSR, University Grant Commission(UGC); Chowgule Education Society (CES), Department of Science and technology.				

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

40

**3.13 No. of collaborations**

International

07

National

10

Any other

23

**3.14 No. of linkages created during this year**

18

**3.15 Total budget for research for current year in lakhs:**

From Funding agency

50,30,000/-

From Management of University/College

4,27,719/-

Total

54,57,719/-

**3.16 No. of patents received this year**

Type of Patent		Number
National	Applied	01
	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
05	01	01	01	-	02	-

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

6

04

**3.19 No. of Ph.D. awarded to faculty from the Institution**

2

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

<b>JRF</b>	<input type="text" value="1"/>	<b>SRF</b>	<input type="text"/>	<b>Project Fellows</b>	<input type="text"/>	<b>Any other</b>	<input type="text" value="1"/>
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**3.21 No. of students Participated in NSS events:**

<b>University level</b>	<input type="text" value="125"/>	<b>State level</b>	<input type="text" value="14"/>
<b>National level</b>	<input type="text" value="69"/>	<b>International level</b>	<input type="text"/>

**3.22 No. of students participated in NCC events:**

<b>University level</b>	<input type="text"/>	<b>State level</b>	<input type="text" value="6"/>
<b>National level</b>	<input type="text" value="1"/>	<b>International level</b>	<input type="text"/>

**3.23 No. of Awards won in NSS:**

<b>University level</b>	<input type="text"/>	<b>State level</b>	<input type="text" value="4"/>
<b>National level</b>	<input type="text" value="1"/>	<b>International level</b>	<input type="text"/>

**3.24 No. of Awards won in NCC:**

<b>University level</b>	<input type="text" value="10"/>	<b>State level</b>	<input type="text" value="8"/>
<b>National level</b>	<input type="text" value="2"/>	<b>International level</b>	<input type="text"/>

**3.25 No. of Extension activities organized**

<b>University forum</b>	<input type="text"/>	<b>College forum</b>	<input type="text" value="12"/>
<b>NCC</b>	<input type="text" value="6"/>	<b>NSS</b>	<input type="text" value="31"/>
		<b>Any other</b>	<input type="text" value="25"/>

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

The institute conducts various programmes and activities to address the need of social responsibility. Extension works include academia - industrial interactions for knowledge enrichment.

The hall mark of the Institutional Social Responsibility of this year has been the faculty of the department of Zoology, Geography and Botany along with their students conducted the study and prepared a report Biodiversity Heritage Site (BHS) for Village Cutorim, a neighbourhood village. This report has been submitted to the Goa State Biodiversity Board (GSSB) for further process.

18 guest lectures were organised by various departments. In addition to that 46 extension activities were conducted. This academic year 30 community service was offered by NSS unit of the college. Departments too undertook 46 community outreach programmes.

The list of activities organised by college in 2017-2018 to address this are tabulated below:

- GUEST LECTURES: 40
- EXTENSION ACTIVITIES BY DEPARTMENTS: 46
- COMMUNITY OUTREACH ACTIVITIES BY NSS & DEPARTMENTS: 51

VISITING FACULTIES			
SN	Names	Title of Lecture/Paper	Department/s
1.	<b>Prof. José Manuel Peres Jorge</b> , University of Porto, Portugal.	Series of 10 lectures: - “Exchange Rate System and International Banking” - “Exchange Rate and International Resource Movement”	Economics
2.	<b>Mr. Ranjit Rodrigues</b>	“Communications Skills Course”	MSc IT Part I
3.	<b>Prof. Paula Maria Tavares Guerra</b> University of Porto, Portugal	Series of 10 lectures for on ‘Trends in sociology’, ‘introduction to schools of sociological theories’.	Sociology
IN-HOUSE VISITING FACULTIES			
SN	Names	Title of Lecture/Paper	Department/s
1.	Ms. Shenaz Shaikh, Assistant Professor	“Applied Probability and Statistics”	MSc IT Part I
2.	Ms. Surekha Kadam, Assistant Professor	“Mobile Computing”	
3.	Dr. Monica Patil	“Communications Skills Course”	
4.	Mr. Castor Godinho, Assistant Professor	“Data Mining”	MSc IT Part II
5.	Ms. DikshitaAroskar, Assistant Professor	“Software Testing”	
6.	Ms. Priya Lotlikar, Assistant Professor	“Network Security”	
GUEST LECTURES ORGANISED			
SN	Names	Guest Lecture/s	Department/s
1.	<b>Shree Ajit Abhyankar</b> , Faculty of Symbiosis International University, Full time activist at CPI	“Theoretical aspects of Marxism and relevance of Marxism in today’s liberalized world” (dtd.1 <sup>st</sup> July, 2017)	Economics
2.	<b>Ms. Juliana Lohar</b> (Coordinator - ARZ Goa)	“Social Problems and Interventions in Goa” (dtd. 27 <sup>th</sup> July, 2017)	Sociology
3.	<b>Mr. Suresh Dwadashiwar</b>	The Significance of Social Movements in Society” (dtd. 15 <sup>th</sup> July, 2017)	Sociology
4.	<b>Mr. Parag Rangnekar</b> , President of Goa Bird Conservation Network	“Birding and Bird Conservation”. On 21 <sup>st</sup> July 2017	Zoology
5.	<b>Mr. MangirishDharwadkar</b> , Dy. Conservator of Forest	“Important Bird sites (IBS) listed in Goa” on 21 <sup>st</sup> July 2017	Zoology
6.	<b>Dr. BabanIngole</b> (Chief Scientist) Prof. and Head of Biological Oceanography Division of National Institute of Oceanography (NIO)	“Recent Trends in Aquatic Research -Biodiversity and Biofouling” (dtd. 21 <sup>st</sup> August, 2017)	Zoology
7.	<b>Dr. Anand Jain</b> , Project Scientist National Centre for Antarctic and Ocean Research (NCAOR) headland Sada Vasco.	“Recent Trends in Aquatic Research -Microbiology of kongsfjorden[a1]Arctic” (dtd. 21 <sup>st</sup> August, 2017)	Zoology
8.	<b>Ms. AnvishaSingbal</b> , Women Poet	“Menstrual Exclusion: A Sociological Discussion”(dtd. 7 <sup>th</sup> August, 2017)	Sociology
9.	<b>Ms. Gayatri Konkar</b>	Need for Social Inclusion in Classroom	
10.	<b>Dr. SohiniGanguly</b> , Assistant Professor, Department of Earth Sciences, Goa University	‘Magmatism and Crust Generation in Diverse Tectonic Setting’ (dtd. 22 September 2017)	Geology

## EXTENSION ACTIVITIES: 46

The departments organised various activities for enhancing the skills and empowering students and faculty members. The activities conducted for

1. **Department of Biotechnology** - Annual Exhibition Cum Event “SYNAPSE
2. **Department of Computer Science/M.Sc. ITI** – “Innovative Mobile App Idea Competition One Day Technical Event "Technobit "
3. **Department of English** - “Shakespeare Festival - The Bard by the Mandovi 2017”, Pegasus.
4. **Department of Economics** An Interactive Session on ‘Pursue Higher Learning Outside The State’, State level - ‘Know Your Economy’
5. **Department of Geography** - Observed “World Population Day”- the Theme: “Family Planning: Empowering People, Developing Nations”, Observed Hiroshima-Nagasaki Day, Intercollegiate event “Geographize”, Special lectures on Climatology and Oceanography,
6. **Department of Geology** - intercollegiate event – ‘Nebula’.
7. **Department of Hindi** - Tulsiaavam Premchand Jayanti, ‘Hindi Saptah’, Intercollegiate State Level Elocution Competition,
8. **Department of Konkani** - ‘Vachan Mandir program, “Srujanotsav-2017” with a theme ‘Saim-Srujun- Sanskritai’.
9. **Department of Marathi** - A Poetry Recitation Program – ‘Shrawandhara’ ‘Navankur Kalamahotsav’,
10. **Department of Psychology** - Mind Kraft - theme for this year’s event was ‘Unity in Diversity- Mental Health at the Workplace’, Discussion Forum on the theme “Anger Management”
11. **Department of Physics** - Lecture Series on “Introduction to Numerical Techniques”,
12. **Department of Sociology** - State Level Higher Secondary event – ‘Goenkarponn’, “Sociofiesta” on the theme "Resurrection of Woman Sociologist”, ‘The Socius Film Festival’- A Week of Movie Screenings
13. **Department of Zoology** - Intercollegiate event - 'SYMBIOSIS'.
14. **Department of Zoology conducted:**
  - a. Bird walk at Borim on 9th august 2017. A total of 22 species of birds were observed.
  - b. The CBC organised Bird walk for Swedish Delegates on 30th November 2017. A total of 21 Swedish delegates along with Birder’s club members attended the Bird walk to Curtorim wetland area.
  - c. ‘Bird photography competition’ on 8<sup>th</sup> January 2018.
  - d. CBC members participated in the 3 day Bird festival held from 12th – 14th January 2018 by Forest department and GBCN.
  - e. The CBC participated in the three-day annual global event “Global Backyard Bird Count” (GSBB) from 16th to 19th Feb 2018.

- f. As a 'Green initiative', bird houses were installed at various locations on the college campus, to provide shelter for small birds and encourage them to inhabit the campus niches.
  - g. Conducted 12 community outreach activities on issues related to health and hygiene.
  - h. Conducted 04 field visits for students to i. Cotigao Wildlife Sanctuary, ii) Netravali Wildlife Sanctuary, iii) Fish Processing Industry and iv) Gogate College Ratnagiri
- 15. Department of Biotechnology** (2017) organized the following *field visits* for their Biotechnologystudents during this academic year:
- a. 'R&D unit and Genetic Engineering Laboratory at Monsanto Research Centre',
  - b. 'ManyataTechPark, Bangalore and Natural Remedies Pvt. Ltd.',
  - c. 'Electronic City Bangalore (Animal feed and Human products research and manufacturing unit)'. (T.Y.B.Sc. Students)
  - d. Plant Cell Biotechnology and
  - e. The Microbial and Fermentation Technology Laboratories of CSIR, Central Food Technological Research Institute at Mysore(T.Y.B.Sc. Students)
  - f. The sewage treatment plant at Tonca, Panjim. (T.Y.B.Sc. Students)
  - g. Archeological Museum, Old.
  - h. Krishi Vigyan Kendra at Old Goa.
- 16. Department of Economics** (2017) organized a **Study Tour** to 'Bengaluru' from 20th November to 27th November, 2017. Twenty three students along with three faculty members: Ms. Samantha Coutinho, Ms. VemblyColaco and Mr. Julius Mendes Assistant Professors, Department of Economics, visited the Christ University, St. Joseph's college, Jain University, Institute of Social and Economic Change (ISEC) Bangalore, during this period and had a chance to interact with the students of these colleges.
- 17. Department of Economics through Economics Forum** (2017) organized a *Bonding Trek* at 'Shivling Waterfall, Valpoi' to welcome the first years and to bond with the seniors of the Department on 13<sup>th</sup> August, 2017.
- 18. Department of Geography** organized a '*Monsoon Trek*' for geography students on 6<sup>th</sup> August 2017.
- 19. English Department – conducted 'Talking Tree Lecture Series and Creative Writing Workshop** - Provides opportunities to students to interact with writers, journalists, editors, dramatists and educators.
- a. **Club Carpe Diem** - writers and poetry club for students
  - b. **Newsletter** – The newsletter is exclusively run by the students of the Department of English with guidance from the faculty.
- 20. English Department -The Bard by the Mandovi - The Shakespeare Festival 2017** - for school and higher secondary school students. One day multi-competition event to instil love of English Literature.

21. **English Department:Pegasus** -2-day multi event competition - for college students for all round development in the field of English Literature.
22. The Department of Economics organized a *subject talk* on **“Theoretical aspects of Marxism and relevance of Marxism in today’s liberalized world”** by Ajit Abhyankar on 1st July 2017.
23. The Department of Psychology organized a *Talk* on **‘Career’** by Clinical Psychologist Ms. UchitaRaiturkar for students of Psychology on 29<sup>th</sup> July, 2017.
24. The Department of Computer Science in collaboration with CIBAorganized a *Talk* on **‘Incubation Centre’** byMr. AmeyKarmali, Manager, CIBA for the Students of department on 19th July, 2017.
25. The Department of Physics organized a *talk* on **“Interplay between Robotics and Marine Science”** byProf. Pramod Kumar Maurya Senior Scientist, Division of Marine Instrumentation, National Institute of Oceanography, Dona-Paula, Goa, on 23<sup>rd</sup> September 2017.
26. The Department of Marathi on the occasion of ‘Lokmanya Tilak Punyatithi’ organized a *special talk* on **‘Lokamanya Tilak’s Contribution in Social and Political Field’** by Dr. AvinashAvalgaonkar, Head, Department of Marathi, Savitribai Phule Pune University, on 1<sup>st</sup> August 2017.
27. The Department of Biotechnology organized an *interactive talk* on **‘Global opportunities in Biotechnology’** by Mr. Shane Quadros, (Alumnus of our college) for the students on 20<sup>th</sup> January, 2018.
28. The Department of Physics organized a *subject talk* on **“Relativity of Simultaneity”** by Dr. A.V. Kulkarni, Professor, Department of Physics, K. K. Birla Bits-Pilani, Goa Campus, Goa for the Physics Students on 26<sup>th</sup> February, 2018.
29. The Department of Economics organized a *subject talk* on **‘Introduction to Goods and Services Tax’** by C.A., C.S. Yatish G. Pal-Vernekar, Practicing Chartered Accountant from Panjim, Goa on 7<sup>th</sup> March, 2018. The lecture was organized with an objective to familiarize students about the basic aspects of the most important reform in the field of Indian Taxation that is, Goods and Services Tax Law including GST. Total 80 students attended.
30. The Department of Computer Science organized a *talk* on **“Planning and Maintaining the Enterprise Network – Industry approach”** for PGDCA students on 7<sup>th</sup> April, 2018. Guest Speaker was Mr. Mithun Kanji, Manager IT and Infrastructure Creative Capsule Infotech India Ltd. He emphasized on different approaches used for designing, setting up and maintaining a network based on the needs of the organization.
31. The Department of Computer Science organized a *talk* on **“Start Your Start-up”** by Mr. Rohir Naik, founder and CEO at Third Eye Technologies, Ponda, for the students of Computer Science Department held on 17<sup>th</sup> January 2018.
32. The Department of Geology organized two days *GIS workshop* on **“Learn to create your first map”** for Geology students on 23<sup>rd</sup> - 24<sup>th</sup> January 2018.

33. The Department of Psychology organized annual discussion forum on “**Anger Management**” held on the 22<sup>nd</sup> August, 2017. The speakers for the forum were Adv. Kautuk Raikar, Dr. Belinda Mueller and Dr. Venkatesh Hegde
34. The College in collaboration with Goa Institute of Public Administration and Rural Development (GIPARD), Ela, Old Goa, organized One Day Awareness Programmes on “**Malnutrition, Anemia and Alcoholism**” for Anaganwadi Workers on 9<sup>th</sup> August 2017, 11<sup>th</sup> August 2017 and 1<sup>st</sup> September 2017.
35. The Department of Zoology in association with the Goa Forest department organized an ‘**Intercollegiate Quiz Competition**’ as a part of the “66<sup>th</sup> Wildlife Awareness Week “on 4<sup>th</sup> October, 2017.
36. The college organized **Centenary celebration of Prof. D.B. Wagh**, the first Principal of our college, Director of the Post Graduate Centre of Bombay University in Goa who was an educationist, philanthropist and an able administrator, was held on 4<sup>th</sup> November, 2017.
37. The Department of Computer Science organized two days session on “**Features of Google Classroom**” for the College faculty on 18<sup>th</sup> December, 2017. The resource persons were Mr. Castor Godinho and Mr Wendham Gray, Department of Computer Science.
38. The College in association with Don Bosco College of Engineering and Entrepreneurship Development Institute of India (EDII) organized three days ‘**Entrepreneurship Awareness Camp**’ from 26<sup>th</sup> to 28<sup>th</sup> January, 2018.
39. The College in association with Victor Hospital, Margao organized a *Health Talk* on “**Health tips to prevent Gastrointestinal and Liver disease**” by Dr. Jose Filipe Alvares - Consultant Department of Gastroenterology on 31<sup>st</sup> January, 2018. He said that all the diseases related to the various organs related to our digestive track could be easily avoided if one pays attention to his/her hygiene and food choices. He also stressed on making healthy food choices.
40. Dean, Faculty of Languages and Literature organized a session on “**Sharing Multimedia Innovative Techniques/ Technologies used in Teaching Methodologies**” for all Languages and Literature faculties on 22<sup>nd</sup> February, 2018. Sixteen faculties attended.
41. The Dean, Faculty of Sciences organized *Faculty Orientation Programme* on “**Entrepreneurship**” for the College faculties on 15<sup>th</sup> February, 2018. The Resource Person was Mr. B.S. Rivonkar, Ex-Director of Centre for Entrepreneurship Development of Karnataka (CEDOK) & IIT, Suratkal.
42. Deans, Faculty of Science, Social Sciences, Languages and Literature, observed the “**National Science Day or Prerna Diwas**” from 27<sup>th</sup> February, 2018 to 1<sup>st</sup> March, 2018, to commemorate the discovery of the ‘Raman Effect’, a Nobel Prize winning discovery by Sir C.V. Raman. The T.Y B.A./B.Sc. students shared their innovative project ideas with their juniors. Total 99 T.Y. projects were displayed and more than 374 First and Second year students and approximately more than 80 staff attended the programme.

43. Dean, Faculty of Sciences along with the Governing Body nominee of Academic Council and the founder of IMMO Information Technology Pvt. Ltd., Panjim, Goa, organised an *interactive session* on “**Curriculum Design in Accordance with the Needs of the Industry**” on 17<sup>th</sup> February, 2018 in the College. A total of 10 faculty of the College attended the session.
44. The IQAC-research committee organized a session on “**Plagiarism in Academic Writing**” for faculty members of college on 23<sup>rd</sup> April, 2018. The Resource Person was Dr. Gopakumar V., University Librarian, Goa University.
45. Department of Computer Science organized a ‘**Summer Camp**’ for autistic children from 17<sup>th</sup> to 27<sup>th</sup> April, 2018.
46. Students Support Service (Career and Personal Counseling Centre) organized three days ‘**Career Camp**’ for students studying in class X, XI and XII from different streams on 19<sup>th</sup>, 20<sup>th</sup> & 21<sup>st</sup> April, 2018.

#### **COMMUNITY OUTREACH ACTIVITIES- SOCIAL RESPONSIBILITIES:**

This academic year community service was offered by NSS unit of the college and also by departments. The 24 activities were organised by college in 2017-2018 to address this, besides are tabulated below

##### **By College/Department: 24**

1. As a part of Community Outreach Programme ‘Book Donation Week’ was observed from 10<sup>th</sup> to 17<sup>th</sup> August, 2017 a total of 112 books were collected from the faculty members.
2. **Department of computer Science:05**
  - a. Mrs. Neeta Dhopeswarker, Assistant Professor, Department of Computer Science, is working on an ‘area of education for Children with Autism and/or mental retardation’ by introducing Educational Software which will help to develop cognitive skills in Autistic children with moderate IQ level by considering the culture, linguistic and other factors suitable for the state of Goa.
    - i. A ‘Summer Camp’ for autistic children was organized under the auspices of Shree Sharada GranthPrasarakSaunstha, Ponda, Goa by the ‘Vatsalya’ (for parents of children with special needs) from 17<sup>th</sup> to 27<sup>th</sup> April, 2018. Neeta Dhopeswarker Being the Convenor of the Vatsalya, she guided the parents of children with disabilities and also helped in planning the schedule for camp and acted as a coordinator.
    - ii. An Android App ‘Toilet Hygiene’ was developed especially for the Indian toilets. This app is useful for teaching ‘toilet training’ to the children with autism and/or Mental Retardation and also can be used for regular children.
    - iii. Organized an interactive audio-visual session on ‘Helping others and Spreading Happiness’ for School students, Staff and Parents gathered at Govt. Primary School, Khadpaband, Ponda, Goa.
    - iv. Published two articles on ‘Autism’, in local newspapers.

### 3. *Department of Geography:01*

- a. One day *awareness programme* on “Malnutrition, Anemia and Alcoholism” for Members of Panchayat and Anganwadi workers was organized by the College in collaboration with Goa Institute of Public Administration and Rural Development (GIPARD), Ela, Old Goa on 2<sup>nd</sup>, 3<sup>rd</sup> and 6<sup>th</sup> November 2017.

### 4. *Department of Psychology:01*

- a. As part of project AMBIT (that seeks to develop an intervention that can be delivered over the mobile phone, for drinking problems) a ‘Health and Wellness screening campaign’ was organized by the Department of Psychology in collaboration with Sangath, NGO working on Mental health, on college campus.

### 5. *Department of Geology:03*

- b. Following projects were undertaken by the students of Geology that were aimed at bringing about awareness amongst local community:
  - i. ‘Microlevel Studies of the Landslides at Sadda-Vasco’: a comprehensive report was prepared and the people staying in and around the affected vicinity were apprised of the gravity of the situation.
  - ii. ‘Quality Assessment Of Groundwater Near Sonsoddo-Gogol And RaiaBacbhatt Area’: The results of the study were discussed with the community whose wells were affected by WRT ECOLLI, TDS, PH in and around garbage dumping area at Sonsoddo.
  - iii. ‘Groundwater conditions and its quality in Cuncolim Village, Salcete, Goa’: A study in and around industrial area at Cuncolim and its awareness to the community was undertaken.

### 6. *Department of Zoology: 08*

The department of Zoology conducted various awareness programmes related to health and environment as departmental social responsibility towards the community of Raia, Gogol, Navelim, Davorlim, Quepem and Mangor Hill Vasco. For each activity at least 60 houses were targeted. The activities were conducted by T.Y.B.Sc. students under the guidance of Dr. Nandini, Ms. Madhu, Ms. Tessa, Ms. Andrea and Ms. Ashneha.

- i. **Blood Donation:** Students of Zoology department (UG and PG), donated blood for the blood bank of ‘Rajagiri Victor Hospital’ Margao Goa. on 14<sup>th</sup> December 2017.
- ii. **Motivation for Blood Donation (05/04/18):** The aim of the program was to spread awareness about blood donation and motivate people to donate blood. The activity consisted of a preliminary questionnaire which gave an account of the current status of frequency of the people donating blood. People were explained about the benefits of blood donation and motivated to donate blood in future.
- iii. **Kitchen Waste Management and Compost (07/04/18):** The aim of the program was to spread awareness about segregation and composting of kitchen waste from households. The activity consisted of a preliminary questionnaire which gave an account of the current waste

management status in the households. Brief step wise protocol for easy composting at home was explained to the members of the family by the students.

- iv. **Vitamin D Deficiency (09/04/18):** The aim was to spread awareness about the vitamin D deficiency, its causes and consequences. Deficiency of vitamin D can lead to serious health issues and therefore to make people aware about the vitamin D deficiency, its causes and consequence, this activity was undertaken. Handout on food items and source of vitamin D was given to each house.
- v. **Nutrition Requirement of Children (10/04/18):** The aim was to explain the dietary intake essential for the proper physical and mental growth of children. A worksheet was prepared to collect data on the amount of protein, carbohydrate, fats, vitamins and mineral intake of the child. The families were explained about the nutritional requirements of children. Chart of nutrition requirement according to age was given to each house.
- vi. **Sanitary Hygiene (13/04/18):** The program aimed to create awareness about the importance sanitary hygiene. A questionnaire was prepared and put forth to the women with an aim to understand the present scenario of the sanitary hygiene. The women were explained about care and hygienic practices during menstruation.
- vii. **Garbage Segregation (13/04/18):** The program aimed to create awareness about the importance garbage disposal and segregation. Methods of disposal of organic and inorganic wastes were explained.
- viii. **Importance of Immunization (14/04/18):** The community outreach activity aimed to collect information regarding the vaccines taken by children and to provide information with respect to importance of immunization. The students explained the parents the consequences of not receiving a vaccine and the long term complications associated. The checklist of the immunization chart was also provided.

### **Community outreach programmes by NSS:31**

The N. S. S. Programme officers for the Academic Year 2017-2018 were Dr. Sachin B. Kakodkar (N.S.S. Programme In-charge), Shri. Pradeep R. Jatal and Ms. Sarika Advilkar.

796 Volunteers were enrolled for N. S. S. for the Academic Year 2017-2018.

1. **Blood Donation Camp -19.07.2017:** A blood donation was organized in the College in association with Indian Red Cross Society, Salcete Chapter and Blood Bank GMC. Shri. Shibu Renganathan was the resource persons. The Volunteers took active part in organization and creating awareness about the camp. 79 donors did blood donation which mainly included NSS volunteers and College students. The efforts of volunteers were greatly applauded by the resource persons. College was awarded a Certificate of Appreciation by IRCS, Salcete Chapter and GMC blood bank.

2. **National Level Essay Competition on ‘Swacch Bharat Abhiyan’ - 05.09.2017:** Volunteers took part in National Level Essay Competition on the theme of ‘Swacch Bharat Abhiyan’. The title of essay was ‘What will I do for Cleanliness?’. Mast. Crandal D’Souza won the First Place.
3. **RashtriyaVayoshree Yojana, Taluka Level Medical Assessment Camp- 21.09.2017:** 20 NSS volunteers assisted in the organization of RashtriyaVayoshree Yojana, Taluka Level Medical Assessment Camp, held at ESI hospital, Margao-Goa.
4. **Swachhta Pledge Film - 29.09.2017:** Volunteers took part in Swachhta Pledge Film, an initiative of Chowgules group.
5. **Gandhi Jayanthi Celebrations - 02.10.2017:** NSS Unit of College celebrated Gandhi Jayanthi. Volunteers took Swachhta Pledge. They also took part in Campus beautification. Volunteers carried out cleaning of Rumdamol Panchayat Football ground in the adopted village.
6. **RashtriyaVayoshree Yojana, District Level Distribution of Medical Aid- 09.12.2017:** 63 NSS volunteers took part in District Level Distribution of Medical Aid under RashtriyaVayoshree Yojana held at Ravindra Bhavan, Margao.
7. **Ek Bharat Shreshtha Bharat: District Level Declamation Contest - 15.12.2017:** Miss. Nehal Amol Sakhalkar and Miss Pushpa Pujari won the Second and Third Prize respectively in District Level Declamation Contest on Patriotism and Nation Building as a part of Republic day celebration, 2018 organised by Nehru Yuva Kendra Sanghatan.
8. **National Integration Camp Selection Trials- 18.12.2017:** Mast. Saroj Venkatesh and Miss Amerkar Vandana attended Selection trials for National Integration Camp held at Youth Hostel Miramar. Mast. Saroj Venkatesh for selected to participate in the NIC camp.
9. **Goa Liberation day Celebrations- 19.12.2017:** Flag hoisting, cultural programme and photo session was attended by N. S. S. volunteers in the College premises. Volunteers performed a cultural programme on this occasion.
10. **NIC Camp at Gurgaon- 12.01.2018-16.01.2018:** Mast. Saroj Venkatesh participated in National Integration Camp held at Gurgaon.
11. **Republic day Celebrations- 26.01.2018:** Flag hoisting and cultural programme session was attended by N. S. S. volunteers in the College premises. N. S. S. volunteers also performed a cultural programme on this occasion.
12. **Last Call for Mhadei- 01.02.2018:** Volunteers participated in a lecture cum interaction session on river Mhadei, ‘Last Call for Mhadei. Shri. Rajendra Kerkar was the resource person.
13. **Kalakram- 05.02.2018:** Volunteers participated Intercollegiate Cultural Event ‘KALAKRAM’ organized by NSS Unit of St. Xavier’s College, Mapusa. Miss Desai Shantadurga Rajeev and Miss Rege Ankita won second prize in Paper bags making competition.
14. **SnehBhav Program- 10.02.2018:** Volunteers attended SnehBhav Programme organized by Institute of Public Provedoria Assistance (Provedoria), Government of Goa at Cuncolim Municipal Hall.

15. **Sensitisation Programme on Drug Abuse- 28.02.2017:** Volunteers attended Sensitisation Programme on Drug Abuse organized by Don Bosco College, Panjim-Goa.
16. **International Women's Day-08.03.2018:** NSS Unit of the College organized International Women's Day with the Theme 'Women Empowerment'. Dr. Sachin Moraes and Ms. Fravina Rebello delivered talks on 'Role of Youth in Women Empowerment' and 'Indian Women: Through the Ages'. A spot prize quiz was organized for the volunteers.
17. **Talk on Activities of Institute of Public Assistance (Provedoria)- 14.03.2018:** A talk on activities of Institute of Public Assistance (Provedoria) was delivered by Shri. Vinayak Prabhakar Volvoikar, Director, Institute of Public Assistance (Provedoria). Dr. Gunaji Desai also spoke on the occasion.
18. **Campus beautification programmes (SHRAMDHAN)** were performed on regular basis throughout the year.

Sr. No.	Activity	In Association with	No. of Teachers involved	No. of students involved
1	Blood Donation Camp	Indian Red Cross Society, Salcete Chapter	3	79
2	RashtriyaVayoshree Yojana, Taluka Level Medical Assessment Camp	Department of Social Welfare, Government of Goa	1	20
3	Swachhta Pledge Film	Chowgule Group		20
4	Campus cleaning activities	Campus- social responsibility	3	
4	Cleaning of Davorlim- Rumdamol Panchayat Football Ground	Davorlim-Rumdamol panchayat	1	30
5	RashtriyaVayoshree Yojana, District Level Distribution of Medical Aid	Department of Social Welfare, Government of Goa	1	63
6	Last Call for Mhadei		1	47
7	SnehBhavProgramme – for Sensitizing students to respect aged.	Institute of Public Provedoria Assistance (Provedoria), Government of Goa	1	18
8	Swachh Bharat Summer Internship by Govt.			43

### 32. Green Campus initiatives:

- i. The college organises events as part of Swachh Bharat by NSS. Besides this, the departments of geography, botany and zoology have also initiated activities towards green campus by having weather station on campus, green house, and documentation of biodiversity on campus etc.
- ii. For academic year 2017-18, the department of Zoology inaugurated 'Butterfly garden' on campus which harbours various host plants of butterflies. With prior planning initiated in the month of July 2017, the final execution was completed and inaugurated on 2nd October 'Swachh

Bharat Divas' 2017. Relevance of Butterfly garden in ensuring clean environment are multiple. Besides being pollinators of many plants, they also serve as important part of the food chain. The most important feature is that Butterflies serve as an 'Ecosystem barometer' which tells us about the health of our environment. These creatures are sensitive to changes in climate, the presence of harmful chemicals, pollution in the air and water, and any other changes in the environment. Presence of many species of butterflies on our campus is an indication that the Chowgule college campus is clean and healthy.

- iii. The department of Zoology also installed 'Bird houses' on the campus on 13<sup>th</sup> Feb 2018. This was an initiative to promote faunal diversity on campus and sensitise students towards conservation and protection of biodiversity.

#### **Article in Newspaper / Magazine:**

1. Naik, A. (2017, July). **Enlightenment through YouTube**. *Psychiatric Society of Goa (PSG) Newsletter, Vol. II, Issue 2*. Pages 1 and 6.
2. Motankar M. (2017) '**Swedish Cuisines and Food Preservation Techniques**', 'The Navhind Times' Goa on 14th July 2017.
3. Chopdekar H. C. (2017) '**Floating life- EkaGoenkaarTarvotiacheeAdbhutDaryasafar**' in 'Bhaangarbhui' - Konkani Daily (Newspaper), Pp 07, 6 August, 2017.
4. Chopdekar H. C. (2017) "**Tension Free': Daldirpannachya Reabainth Shennilya Monispannacho sodh ghev pi Classic Konkani Natak**" published in 'Bhaangarbhui' - Konkani Daily (Newspaper), Pp. 07, 20 August, 2017.
5. Chopdekar H. C. (2017) "**Ajay BuvaachoSMS: Konkani Kathechi Navi Valakh**", article published in Special Sunday Edition 'Bhaangarbhuin, Fomento Publications, Panjim Goa. Pg 07, dated 3<sup>rd</sup> September 2017.
6. Chopdekar H. C. (2017) "**Harsha Shetyechem Aanandyatra: Skkalaatmak Pravaasvarnan**", article published in Special Sunday Edition dated 'Bhaangarbhuin, Fomento Publications, Panjim Goa. Pg 07, dated 24<sup>th</sup> September 2017.
7. Chopdekar H. C. (2017) "**Vhakal Paavni: Konkani Kathecho Adhuneek Pravaah**" article in Bhaangarbhuin, Sunday Special Edition, 'Fomento Publications, Panjim Goa. Pg 07, Dated 3<sup>rd</sup> December, 2017.
8. Chopdekar H. C. (2017) "**Pikee Pikee Kaajule:TarnyaManaacheAmurpikeyUmaale**" article in Bhaangarbhuin, Sunday Special Edition, 'Fomento Publications, Panjim Goa. Pg 07, Dated 17<sup>th</sup> October, 2017.
9. Chopdekar H. C. (2017) "**Maya KharangateRacheet 'Shilpkavya': Eka Pravaasvarnanatmak Kalaakrutiche mkaavyatmak Shabdchitra**" **मायाखरंगटे'शिल्पकाव्य' : Pravaasvarnanatmak Kalaakrutiche mkaavyatmak Shabdchitra**

article in Bhaangarbhuin, Sunday Special Edition, 'Fomento Publications, Panjim Goa. Pg 07, Dated 31<sup>st</sup> December, 2017.

10. Barad S. (2017) “‘**Proposal**’ –A Story”(‘प्रपोजल’ –एककथा) - A Short Story in Bhaangarbhuin, Sunday Special Edition, 'Fomento Publications, Panjim Goa. Pg 08, Dated 24<sup>th</sup> December, 2017.
11. Chopdekar H. (2018) “**Jyoti Kunkoliekar Likheet Mayuri: BalmanaachoThaavghevpi Saksham Kadambari**”. Bhaangarbhuin, *Fomento publications, Panjim, Goa.*
12. Chopdekar H. (2018) “**Sthreeshakti Janadevi: Sthreeshakticho distaavo Ghadov pikalaakruti**”. Bhaangarbhuin, *Fomento Publications, Panjim, Goa.*
13. Chopdekar H. (2018) “**Vaavzhad: Bhalchandra Gaonkarancha Kavya-Chavko**”, Bhaangarbhuin, *Fomento publications, Panjim, Goa.*
14. Dhopeswarker N. (2018) two articles on ‘**Autism**’, ‘*Daily Gomantak Marathi*’ dated 15<sup>th</sup> April 2018 and 22<sup>nd</sup> April 2018 respectively.

*Annexures of Criteria III: List of Paper presentations, paper publications, book publications, conferences/seminar/workshops organised, conferences/seminar/workshops attended, faculty as resource person, awards and achievements, research projects.*

## 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	-	--	53190
Class rooms	41	-	--	41
Laboratories	12	-	--	12
Seminar Halls	4	-	--	4
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	8	16	Non Salary grant, Fees & Self financed courses	24
Value of the equipment purchased during the year (Rs. in Lakhs):	215.75	16.84	Non Salary grant, Fees & Self financed courses	232.59
	0	57.08	RUSA	57.08
Others	--	--	--	--

#### 4.2 Computerization of administration and library

- The entire campus of the college continues to be equipped with Wi-Fi and LAN connectivity which was increased from 50 to 72Mbps.
- With the funds of RUSA, the IT facilities of the administrative and accounts section was upgraded.
- All our procedures of admissions are online. Five additional Laptops were added to facilitate online admissions.
- The administrative processes in the college were made paperless with more online initiatives such as introduction of various forms online viz. Forms for leave, migration, exam related forms, earn-while-you-learn forms, student-aid forms, request for certificate etc for students and following forms for faculty viz. leave application form, TA/DA forms etc.
- Payment Gateway facility was added to implement cashless transactions on campus.
- The procedure of selection of elective courses/optional courses was facilitated through online mode.
- Furthermore, the results are made available to the students on the college website.
- Online link was developed on the college website for foreign students to seek admission in specific courses for a semester under international exchange programme.
- The accounting software of the account department was upgraded to Tally-ERP9.
- New portal was developed to enable course faculty to upload /enter marks in the examination module of the college website.
- Online forms were created to feed the data required for API-PBAS for career advancement of the teachers which was also used to create report of criteria III of IQAC-AQAR.
- The library has INFLIBNET facility for research students and faculty. The library also, has inhouse photocopying centre for use of students and staff.
- New journals, educational CDs and books were subscribed/purchased by the library.
- Digital Library was created at the department of Geology.

#### 4.3 Library services:

	Existing (2016-17)		Newly added (2017-18)		Total	
	No.	Value	No.	Value	No.	Value
<b>Text Books</b>	19,647	13,60,271	357	2,11,657	20,004	15,71,928
<b>Reference Books</b>						
<b>e-Books</b>	45,000					
<b>Journals</b>	189	4,05,689	30	1,00,000	219	505,689
<b>e-Journals</b>	5	15,000				
<b>Digital Database</b>						
<b>CD &amp; Video</b>	557	1,00,000	9		566	1,00,000
<b>Others (specify)</b>	We do Access Open source database from INFLIBNET, DIGITAL LIBRARY OF INDIA & Others.					

#### 4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	195	10	50 Mbps	31	10	39	105	--
Added	40	10	22 Mbps	--	--	10	20	--
Total	235	20	72 Mbps	31	10	49	125	--

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

As the entire campus of the college is equipped with WIFI access to internet has been provided to the teaching, non-teaching staff of the college, as well as, the student community. Each one of them is also, provided with a unique ID to facilitate academic and non – academic transactions.

- An induction programme was conducted for newly appointed faculty members at the beginning of academic year to oriented / train them in acquainting with the use of ICT the teaching learning - evaluation process.
- Training session was conducted for staff/non-teaching staff on use of Microsoft applications.
- Support staff/non-teaching staff were given hands-on training on usage of open source software in Libre office.
- Workshop on research publication data management for faculty.

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

i) ICT	20.66
ii) Campus Infrastructure and facilities	77.38
iii) Equipments	3.15
iv) Others	--
<b>Total:</b>	101.19

## **Criterion – V**

### **5. Student Support and Progression**

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

The IQAC initiated various avenues to create awareness about student support services on the campus. The college has ‘Student Support service centre’ and ‘Office of Information Technology’ which are also involved in extending support to the students. The college adopts the following:

- ‘Open seminar- Know the College’ is conducted for the parents and prospective students which is intimated via newspapers, website, hoardings etc.
- Three-day induction program was conducted for the students to orient them about the facilities available on the campus for students.
- In the first mentoring program all the mentors/faculty advisors discuss the details about the availability of facilities related to ICT, learning, examination, exchange programmes, sports etc.
- The campus has hoardings and standees indicating the facilities on campus.
- The website also harbours information about various schemes and facilities for students.
- Students are provided with e-handbook.

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

The college has devised processes and mechanism to monitor the progression of the students at various levels. The mechanisms include the following:

a) Academic progression during the course/programme:

- 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. An analysis thereon is done of the results achieved by students; a report in this regard is submitted to the respective departments to monitor their progress.

b) Vertical mobility progression:

- The office maintains the record of all outgoing students who seek admission for post graduate studies in various institutions.
- An online portal is developed in Alumni section to gather information on the same.
- Department also maintains records of the further progression of the students.

c) Career/Placement:

- The office on regular basis gather information related to the career of alumni by telephonic calls, emails, and social media groups.
- We also have a e-format for data collection at the departmental level, for student information related to career and placement.

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

UG	PG	Ph. D.	Others
1340	171	8	--

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

71

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

10

**Men**

No	%
442	29%

**Women**

No	%
1065	71%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1130	19	57	115	2	1322	1282	18	61	138	03	1507

**Demand ratio:1:2.28****Dropout %:14.4****5.4 Details of student support mechanism for coaching for competitive examinations (If any)**

- a) Interdisciplinary course "Maths for competitive examination" has been introduced
- b) DHE has collectively started coaching for NET/SET in various subjects across the State. The faculty members of our college are serving as resource persons for the same. Our institution is also identified as one of the centre to conduct the coaching.
- c) Coaching for UPSC examination: The college has tied up UDGAM-IAS coaching academy for training our students for various competitive exams viz. CDS, IAS, GPSC.

**No. of students beneficiaries**

74

**5.5 No. of students qualified in these examinations cleared NET/SET etc.**

NET	02	SET/SLET	05	GATE		CAT	12
IAS/IPS etc		State PSC	01	UPSC		Others	76

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

- Organized a Two days course on "Personal Grooming and Personality Enhancement" by Ms. Ajanta Sharma Naik (Soft Skills Trainer) on 6th and 7th December, 2017. A total of 47 students from different postgraduate departments of Arts and Science (Chemistry, Geography, PGDCA and GIS) attended the course.
- Academic counselling at the 'Student support service' centre (929 students).

- Career and Personal counselling at the ‘Student support service’ centre (79 students)
- Career camp (17 students).
- Aptitude testing (10 students)
- Study skill workshop (47 students).

**No. of students benefitted**

1129

### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
<b>Number of Organizations Visited</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>	<b>Number of Students Placed</b>
-	-	-	77

### 5.8 Details of gender sensitization programmes

- The courses related to gender sensitisation are included in the Departments of Philosophy, Sociology and psychology. These courses can be opted by students of other programmes as interdisciplinary courses.
- A talk on “Prevention of Sexual Harassment at workplace” by Ms. Prasanna Timble for teaching and non-teaching staff was organised on 5th and 6th April 2018 respectively.
- With an objective to sensitise student community, programme was organised to Observe International Women’s Day with the theme “Women empowerment” on 8<sup>th</sup> March 2018.
- World Population Day Family Planning: Empowering People, Developing Nations, with the focus on Women and save the girl Child on 11<sup>th</sup> July, 2017.
- Department fest of sociology department was also themed on issues related to women. The theme was “Resurrection of woman sociologist”.
- Faculty members and students participated in seminars related to gender sensitization:
  - Transcending the glass ceiling and gender stereotypes.
  - Status & role of women in post liberation Goa.
- Following Guest lectures were organised for gender sensitization:
  - “Significance of social movement in society”
  - “Social problems and Interventions in Goa”
  - “When does it hurt? Justice, difference and inclusion”.
  - “Menstrual exclusion: A social exclusion”.
- Research was done on different aspects of ‘Women issues’ and presented in conferences:
  - Rural women and higher education: opportunities and interventions.
  - Role and status of Women in Goa. (received third place).

## 5.9 Students Activities:

Academic related activities, extra-curricular and sports activities are conducted to inculcate leadership qualities, organisational skills and empower students in general. Activities are conducted through various 'Clubs' in the college and also at the department.

### 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:

The institution offers financial support to economically backward students in the form of scholarships through 'CAUSE' a corpus that was created by contribution by principal and faculty members. The college also has 'Earn-while-you- Learn' scheme to help economically backward students. Departments also have scholarships instituted to aid the students. Besides this, the government aid is also available for the students. Our students, Ms. Fauzia Shaikh received national 'Maurebi scholarship' and Ms. Aarti Joshi, received international scholarship from JASSO (Japan Student Services organisation).

	Number of students	Amount (in rupees)
Financial support from institution	8	34,756.00
Financial support from government	67	1,00,500.00
Financial support from other sources	1	5,000.00
Number of students who received International/ National recognitions	02	5,90,000.00
Total	78	7,30,256.00

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level   
Exhibition: State/ University level  National level  International level

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

- Any grievances as and when received are resolved by college grievance committee.
- No major grievance was received.

**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 has *Management Information System* for academic and administrative processes of the college. These MISs are developed in-house by ‘office of Information’ (OIT) and Department of Computer Science. The College maintains a directory of its entire staff apart from having provided all with a unique institution generated email ID. All communications related to academic and administrative activities are conveyed via email. Also, all the students have domain specific email IDs. This information system is employed towards, online admissions, updating of learning resources (Moodle based), booking of college facilities, notifications on mentoring programme and other related aspects. Details are mentioned in section 4.2 of this document.

Enhancing areas of E-governance in academic and administrative processes was an initiative to reduce use of paper, increase efficiency, analyse data, help in future planning, and take effective and timely decisions.

**6.3 Quality improvement strategies adopted by the institution for each of the following:****6.3.1 Curriculum Development**

The institution has a mechanism to constantly revise curriculum with the inputs of stakeholders. The Board of Studies in each subject has members from other reputed institutions, industry and alumni besides the department faculty. Suggestions and recommendations from all are incorporated in the syllabi of a course after thorough discussions, keeping in mind the demands of the day in industry and society in general. Accordingly, some of the courses are designed for skill development and career

progression of students. This academic year in view of the feedback received after Academic audit, the governing body suggested to reduce the quantum of syllabus and accordingly across all courses. The syllabus was reduced up to 20 per cent, to increase the rigour and participation of students for the in-depth study of the course. *Details are discussed in section 2.15 and 1.4 of Criteria 1.*

### **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 and Laboratories as most of the faculty employs power point presentations in their regular teaching. Also, field experience is provided to relate basic concepts to natural settings. Emphasis is also laid on coordinated teaching-learning through various student centric learning methods viz. group discussions, Problem based learning, POGIL, assignment writing etc.

As per the governing body recommendation to enhance the teaching learning and evaluation processes, the IQAC prepared handbook describing the different modes of T-L-E processes to be adopted by the college. Different T-L-E methods were documented to cater to the different types of learners in the classroom/field.

### **6.3.3 Examination and Evaluation**

To ensure a gradual progression of a student the college adopts innovative methods in assessing the students.

- In accordance with this the faculty exercises the freedom to evaluate a student under “continuous assessment” adopting various modes; a semester end examination is conducted and assessed through assessment system, results are processed and declared on the college website.
- During this year, the number of mandatory assessments (continuous assessments-CA) were reduced from three to two (CA). This was adopted to provide more time to the students to evolve greater quality at the assessments.
- Another reform implemented was with reference to the passing criteria. The passing criteria was independently applied to the CAs and Semester end component. This was done to ensure quality in performance throughout the semester.
- Handbook on various mode of assessments was prepared by the IQAC.

### **6.3.4 Research and Development:**

Various strategies were adopted to enhance and promote research amongst faculty members and students. For the academic year 2017-18, the IQAC of the institution had taken multiple initiatives to further promote research in the institution. Workshops and seminars were conducted on ‘Funding bodies for availing research grants’, ‘Plagiarism in Academic Writing’, Research Data management – Orcid registration etc. As outcome of the initiatives, the research published and presented was increased. This year we recorded highest number of research projects funded by various bodies. Research portal was

launched on the college website which served as E-database of research at the institution. Various research related documents and research policies are made available on the research portal for the reference of students and faculty. With the intention of strengthening the lab infrastructure and enhance the research the college applied for Star DBT Scheme. 06 departments of the college were selected for funding under STAR College Scheme of DBT, Govt of India, making us the first college in Goa to be funded under this Scheme. There was considerable increase in the extension activities and Community outreach activities as this year departments also took the initiatives to conduct activities for community besides the NSS and NCC.

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

The college prepares estimate budget of financial requirement for the maintenance and upgradation of the Library, ICT and physical infrastructure / instrumentation. This budget is presented to the management by the principal for the approval. Accordingly, works are undertaken as per the budget allocation.

The college also makes efforts to apply to various funding agencies, to receive financial assistance for strengthening existing infrastructure the college. With the intention of strengthening the lab infrastructure and enhance the research, the college applied for Star DBT Scheme.

Proposal was also submitted to the directorate of Higher Education (DHE) Goa, for funding under RUSA grants. Accordingly, in the first phase a grant of 100 lakhs was received, which was used for buying new equipments, maintenance of infrastructure and construction.

### **6.3.6 Human Resource Management**

The IQAC conducted orientations/seminars/ workshops for 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 laid down by the directorate of Higher Education 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 department of Computer Science under Academic-Industry Interactive Program (AIIP) has tie ups through an MoU with Infiswift Inc., California, M/S. D-Link India Pvt. Ltd, M/S. Lexcode Regulatory Compliance Technologies Pvt. Ltd., and ORACLE Academy to provide the below mentioned certified programs:

- Oracle – Database Design & Programming with SQL
- Oracle – Java fundamentals & Programming
- D-Link Certified Specialist (DCS) in Switching (Computer Networks)
- LEAP Courses – Cyber Security , Digital Marketing, Programming, Forensics, Fraud Control and Law (Lexcode)

### 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. The college follows all the reservation policies laid down by the University.

### 6.4 Welfare schemes for

<b>Teaching</b>	<ul style="list-style-type: none"><li>- Child care leave upto two years.</li><li>- Maternity leave 180 days</li><li>- UGC teacher fellowship for completion of Ph.D</li><li>- Madgoan School complex for availing Loan.</li><li>- Funding for presentation of research paper in conferences and seminars.</li></ul>
<b>Non teaching</b>	<ul style="list-style-type: none"><li>- Child care leave upto two years.</li><li>- Maternity leave 180 days</li><li>- Madgoan School complex for availing Loan</li></ul>
<b>Students</b>	<ul style="list-style-type: none"><li>- CAUSE (Corpus Altru: Ushering and Supporting Education)</li><li>- Students Aid Fund</li><li>- Principals Contingency fund</li><li>- Alumni contribution towards Scholarships</li></ul>

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes ☒ No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	
Administrative			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 assessments 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**

The college alumni have been contributing / visiting the college as resource persons, judges, funding departmental activities, some are also supporting in internships and an alumni is also part of the Board of Studies committee in each department.

Following are some of the other alumni that have contributed to our institute this academic year:

1. Ms. Prasanna Timble (alumnus from HSSE) was invited as a resource person to deliver a talk on “Prevention of Sexual Harassment at workplace” on 27<sup>th</sup> September 2017.
2. Mr. Sudhir Shetty, Ciba Incubator (Alumnus from Computer Science Dept.) was invited to be a judge of an event “Innovative Mobile App Idea Competition”.
3. Mr. Rohir Naik, founder and CEO at Third Eye Technologies, Ponda (Alumnus from Computer Science Dept.) Invited as a resource person for an interactive session on “Start Your Start-up” on 24<sup>th</sup> January 2018.
4. Mr. Shane Quadros (Alumnus from Biotechnology Dept.) was invited as a resource person to deliver an interactive talk on “Global opportunities in Biotechnology” with the students on 20<sup>th</sup> January, 2018.
5. Mr. Shailesh Kamat (an alumnus from Economics Dept.) was invited as a speaker for the interactive session on ‘Pursuing Higher Education outside the State’ on 5<sup>th</sup> of January, 2018.
6. Our Alumini, Datta Naik and Sagar Utagi provided financial support towards National Level Conference in Economics.

The Departments that conducted their alumni meet are

<b>Departments, Date, time and venue</b>	<b>Details</b>
Biotechnology	4 <sup>th</sup> alumni meet: 23 alumni attended and shared their experience with the

02 <sup>nd</sup> January 2018	current students of Biotechnology of our college, providing an insight into Masters programmes and employment details. Most of them have pursued postgraduate degrees in other parts of India and abroad, specializing in Dietetics & Nutrition, Forensic Sciences, Food Technology, Medical Biotechnology, Biotechnology and Biochemistry. Additionally, there were attendees who are currently employed in reputed companies such as Biocon, Natural Remedies, Quintiles, Wipro Life Sciences, Aqua Viva and StudyMode (all in Bangalore), Alembic Pharmaceuticals, Quintiles, Thyrocare (all in Mumbai), Lupin Biotech (Pune).
Botany 21st December 2017 from 2:00 to 4:00 p.m. in the Botany Lab	“Alumni Meet” from the year 2006-07 to 2016-17. The meet was an informal one to revive their past memories. The alumni were welcomed by Mrs. Amisha S. Pednekar, Asst. Professor. There were a few games conducted. The alumni interacted amongst themselves. Towards the end of the session, the ex-students shared their experiences with the present T.Y. Botany students.

#### 6.12 Activities and support from the Parent – Teacher Association

N.A.

#### 6.13 Development programmes for support staff

- The College in association with Victor Hospital, Margao had organised a *health talk* on “Health tips to prevent Gastrointestinal and Liver disease” by Dr. Jose Filipe Alvares, Consultant, Department of Gastroenterology held on 31st January 2018. Basic knowledge about maintaining good digestive track by consuming hygiene and healthy food choices to avoid diseases that can harm our body organs.
- Free ‘Gynecological Medical Camp’ was organized for staff members on 7<sup>th</sup> February 2018, at Mother care Hospital.
- A talk on ‘Prevention of Sexual Harassment at workplace’ by Ms. Prasanna Timble for non-teaching staff was organized by the college on Friday, 6th April 2018.

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

- **Cut down the use of paper:** Most of the Continuous Assessment (CA) Assignments submissions are now paper free. Students upload the assignments on the Google Classroom. For all internal printing both the side of the paper is used and all noting are taken on the used papers. This has led to reduction in the use of paper.

- **All extension programmes** (Pegasus/TBBTM - Shakespeare festival) of Department of English are green: Mementoes/gifts for guests are upcycled and recycled material.
- Rough pages used for organizing team as well as judging sheets.

**Stoppage of giving flowers and bouquet for the chief guest:** This has been replaced by giving flower pots

**Bird watch:** The students did bird count and document. The number of birds were 62. Bird houses were also put up to encourage bird diversity on the campus.

**Butterfly garden:** Butterfly was also established.

## 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. Encouraging students to generate ideas for Entrepreneurship / start-ups:

The College has conducted various activities to promote entrepreneurship and encourage a start-up culture amongst students:

- An “**Innovative Mobile App Idea Competition**” was organized by the Department of Computer Science for Computer Science, B.Voc. And M.Sc. IT. Students on 4<sup>th</sup> Sept 2017. Top 10 ideas were shortlisted for final presentation before a panel of judges (one of the judges was from *Centre for Incubation and Business Acceleration, Goa*). Best three ideas were finally awarded on 27<sup>th</sup> September 2017. The concept was to encourage students to think and utilise their knowledge in the subject to be put to practice that subject would be useful to the society.
- An *interactive session* on “**Start Your Start-up**” by an alumni, Mr. Rohit Naik, founder and CEO at Third Eye Technologies, Ponda was organized for the students of Computer Science Department on 24<sup>th</sup> January 2018. The resource person emphasized on adopting entrepreneurship over a job, and highlighted his journey as an entrepreneur and advised students to formulate ideas and to put in efforts to bring them to reality.
- The College in association with *Don Bosco College of Engineering and Entrepreneurship Development Institute of India* (EDII) organized three days ‘**Entrepreneurship Awareness Camp**’ for students from 26<sup>th</sup> to 28<sup>th</sup> January, 2018. Seventy students attended the camp. Wherein various entrepreneurs from Goa spoke on the following:

S.N.	Resource persons	Topics
i.	Rajesh Gaonkar, Training and Placement Officer	‘Understanding what is entrepreneurship’, ‘History of entrepreneurship and innovation’
ii.	Tushar Samant, from CIBA, Verna, Goa	‘How to start a Small Scale Industrial Unit (SSI)’

iii.	<i>Aarti Desai</i> , from CIBA, Verna, Goa	Information about various schemes such as ‘Chief Ministers Rojgaar Yojna (CMRY)’ and others that are available for Goans.
iv.	<i>Jervis Pereira</i> , CEO of Goa Entrepreneurship Mentorship Services	shared some amazing facts about various successful startups based in Goa
v.	<i>Tallulah D’Silva</i> , CEO of an architecture firm (Alumnus of our College)	Some deep insights on start ups
vi.	<i>Mangirish Salelkar</i> , President of Goa Technology Association and CEO Umang Software Technologies (Alumnus of our College)	
vii.	<i>Sushant Surlaker and Vividh Pawaskar</i>	Interactive sessions

- d. *Faculty Orientation Programme on “Entrepreneurship”* by Mr. B.S. Rivonkar, Ex-Director of Centre for Entrepreneurship Development of Karnataka (CEDOK) & IIT, Suratkal was held on 15<sup>th</sup> February 2018. Twenty members of the faculty were selected for this orientation programme. The resource person gave a motivational talk on the achievements of young entrepreneurs and gave tips on how to encourage their students in taking up start-ups.
- e. Faculty members of the Departments of Biotechnology and Biochemistry attended a *Mentoring Seminar for Entrepreneurs and Innovators* on **“Government Grants & Funding Opportunities”** on 6<sup>th</sup> February, 2018 at CIBA, Verna, Goa. The resource person was Ms. Amruta Gore, Asst. Manager, Impact projects, Venture Centre, Pune. Stressed on the need to create & increase awareness on funding opportunity in the biotechnology and healthcare space, viz. the DBT-BIRAC Biotech Ignition Grant (BIG) scheme, NIDHI-EIR & PRAYAS as also, the application process, funding process-flow, guidance on writing winning proposals etc.
- f. One member each from the faculties of Computer Science and Biotechnology attended SPJIMR's Annual flagship entrepreneurial event **‘Lock Stock Trade’** on 13<sup>th</sup> January 2018. This event was aimed to provide an exposure on Social Ventures, Flourishing Ventures, Budding Ventures and the Fintech + Techno-logy start-ups.
- g. Students of computer science and Software development (Voc) along with M.Sc. (part II) students visited **‘Centre for Incubation and Business Acceleration (CIBA) in Verna’** on 02<sup>nd</sup> August 2017. The Objective was to understand the functioning and the support provided by their personnel in the process of individual ideas leading to start-up/s. The faculty members of the department also had an interactive session with Mr. B.S. Revankar, Ex. Director at Centre for Entrepreneurship Development, Karnataka.
- h. A *talk* on **‘Legal compliance for Business and Intellectual Property Rights’** by Ms. Gautami Raiker, Founder of Lawmate, presently incubated at CIBA Verna, Goa was held on 27<sup>th</sup> April 2018 to enlighten members of the faculty on the importance of trademark, copyrights and

patents. In her talk she Highlighted the difficulties, shortcomings and advantages of registration and the procedures involved in the process of setting up of a start-up.

- i. *Shri Shirish Kotmire* has been appointed by the College as a Consultant to develop innovative ideas into structured start-ups. From the several meetings and interactive sessions, the departments of Botanny and Biotechnology have initiated new start-ups. As a first outcome of this venture. *Mr. Shane Quadros* student of Biotechnology has started a, company named '**OFresco**' that would provide healthy eating options in the form of fresh fruits and vegetable salads.

## **2. Teaching learning syllabus/curriculum:**

Through the curriculum adopted by the college and the syllabi of the courses in a subject on outcome-based learning has been mooted. Imparting as well as innovative methods during lectures and in the conduct of practical's has remained the focal point of the institution. Students are trained towards self study through assignments, projects and are also oriented towards research.

## **3. Interpersonal developmental workshops organized by the college:**

- a. A *workshop* on '**Conflict Mediation**' by Ms. Ana Martins, (Psychologist) was conducted for faculties to learn and validate specific skills, such as cooperative negotiation, assertiveness, communication, active listening, creativity and problem solving, which are important tools that can promote the improvement of interpersonal relationships and pedagogical methods.
- b. A *workshop* on '**Research Publication Data Management**' was conducted for helping researchers to connect themselves with global platforms like web of Science and Scopus and to enable researchers to track their research work or achievements. The workshop demonstrated the procedure involved in registering and uploading information and research works on the global platform.
- c. A *workshop* on '**Zero Based Budgeting**' was conducted by Dr. E. Mericio Travassos, Vice Principal and Head of the Department of Economics to enable the academic departments and others to prepare efficient budgets, develop an objective basis of decision-making, control costs, provide a linkage between programme goals and expenses, and prioritize expenses in the context of scarcity of funds.

## **4. Project orientation from Seniors to juniors through the event 'PrernaDiwas':**

As an innovative method and as a measure of confidence building in students, the project works undertaken by the Third year students were displayed / presented in the form of posters and models. The objective was to provide a platform for these students to showcase their work and develop a confidence in presenting their works to an audience, another important objective was to instil a thinking in the second-year students to prepare themselves for taking up such projects

during their tenure. Thus the Third year students are exposed to broad guidelines in selecting a topic for their project.

**5. Inviting resource persons to deliver subject related talks/lectures for students and faculties:**

Subject-based talks are encouraged by the college as it allows each department to widen their scope of teaching and learning. Most departments invite resource persons practising in the field, to deliver talks, lectures and provide hands-on training. This also, enlightens the students about the subject more practically as they get to interact and discuss any issues related to their subject directly with such resource persons. *Refer Annexure IX*

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

The following task were planned and completed during for the year 2017- 2018.

1. To develop specialised centres: The college established two centres -
  - a. Centre for Translation - To cater to the needs of the Faculty of Languages and bridge the gap between cultures through translation.*Refer to AnnexureXVI.*
  - b. Centre for Teaching Learning - to cater to the needs of the college and its evolving requirements of teaching and learning techniques and its impact on evaluations.*Refer to AnnexureXVII.*
2. Human resource: The college focussed on increasing its strength in faculty, while also investing in faculty development through Workshops, Training in adopting innovative Teaching -Learning techniques, as well as cataloguing the innovative evaluation techniques being practised by teachers in their departments. This was presented during the Positive Chowgule session organized by the college. *See Annexure XIII*
3. Promotion of research: the college acquired grants under **DBTStar CollegeScheme** (the only college in Goa to have received so), and encouraged research through formulation of institutional research policies, establishment of research discussion forum to encourage interdisciplinary research, organization of workshops for teachers on 'Research Publication Data Management' and 'Funding Bodies for Research Grants'. A research portal was also created for the college website containing research data of the research infrastructure, projects, publications, and research policies and guide to funding bodies etc. The IQAC of the college proposed research awards and grants for teachers to conduct commendable research in their respective fields.
4. Development of infrastructure: College has developed the Centre for Teaching Learning which includes an AV Room, a computer Laboratory and Classroom for flipped learning (model classroom), apart from regular maintenance of existing infrastructure.

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

#### Practice I: Teaching- Learning & Evaluation

Teachers experimented with modern teaching learning methodologies commensurate with new courses that were introduced through the autonomous structure. New modes of assessment were also adopted at the continuous assessment component of evaluation as well as the Semester End Examination. Some of them are as listed under -

1. Open Book Exam (OBE)
2. Multiple Choice Questions
3. Presentations by Students using power points
4. Short-Answer Questions
5. Assignments
6. Case study
7. Poster/Chart / Model
8. Concept / Mind Maps
9. Submission of portfolio at the end of Semesters

The above have now been standardized by the IQAC, and the process of creating a handbook has been initiated to be completed in the following year.

Teaching- Learning Methods have also evolved as autonomy is maturing. A few of the teaching learning Processes as well as Evaluations adopted by the departments have been delineated:

SN	Departments	Teaching -Learning Processes	Examination/ Evaluations used by depts.
1.	Botany	- Experimental learning, Activities involving research and presentation by students	- Open book - Assignment Writing
2.	Chemistry	- Process Oriented Guided Instructive Lecture (POGIL)	- Assignment Writing
3.	Computer Science	- Use of ICT tools and ICT based material (ppt, pdfs, websites, YouTube videos, etc.) - Use of resources available in the LMS interactive activities of Quiz, Chat, Assignment, etc. - Encouraging Group discussions, Brainstorming, Case studies, Debates and Quiz's in class - Lectures with the help of power point presentations specially prepared for every course. - Questions based on Blooms Taxonomy - Problem Solving and POGIL during classroom sessions	- Online Certifications (Spoken Tutorial, Mumbai-IIT) were conducted and marks scored by Students were considered as Continuous Assessment Marks - Poster Presentation for Continuous Assessment

		(PGDCA)	
4.	Economic	<ul style="list-style-type: none"> <li>- Interactive lectures, Discussion Forums, Debates, Seminars, Guest lecture, Experiential learning, Case study, Presentations, and Problem based learning, Peer learning, Assignments, Research Writings, and Projects.</li> </ul>	<ul style="list-style-type: none"> <li>- Open book test</li> <li>- Paper review</li> <li>- Multiple Choice Question</li> <li>- Case study</li> <li>- Seminars</li> <li>- Assignment writing</li> </ul>
5.	English	<ul style="list-style-type: none"> <li>- Lecture Method with teaching aids</li> <li>- Interactive Methods</li> <li>- Discussion model</li> <li>- Inquiry Based model</li> <li>- Cultural knowledge model</li> <li>- 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> </ul> </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</li> <li>- Short tests after each unit completion</li> <li>- All students shown answer books after tests</li> <li>- SEE - submission of term papers</li> <li>- SEE- Submission based/Applicative</li> <li>- SEE- portfolio method</li> </ul>
6.	French	<ul style="list-style-type: none"> <li>- Games for the students, Debates, Discussions, Quiz, Presentations, Dialogues.</li> </ul>	<ul style="list-style-type: none"> <li>- Open Book Examination</li> </ul>
7.	Geography	<ul style="list-style-type: none"> <li>- Inculcating Writing Skills amongst students, communication and presentation skills, on-field teaching and learning</li> <li>- Cognitive mapping</li> <li>- Problem Based Learning ( PBL)</li> </ul>	MCQ Assignment writing Field reports
8.	Geology	<ul style="list-style-type: none"> <li>- Field visits to places of geological importance to encourage experiential learning.</li> <li>- Visits to reputed institutes like NIO and NCAOR to get hands on experience on research tools as well as motivating interaction with scientists.</li> </ul>	<ul style="list-style-type: none"> <li>- Open book test</li> <li>- Presenting self made documentary films on the geological features seen in Goa and other places around Goa.</li> <li>- Assignment based on observations of geological features during field visits.</li> <li>- Submission of Portfolios based on field-based courses.</li> </ul>
9.	Hindi/ MA. Hindi	<ul style="list-style-type: none"> <li>- Assignments</li> <li>- Group discussion/Debates</li> <li>- Student's presentation</li> <li>- Street plays</li> <li>- Role play</li> <li>- Participation in seminars/workshop</li> <li>- Story telling methods</li> </ul>	<ul style="list-style-type: none"> <li>- C.A. – Assignment, Written Exam, Paper Presentation &amp; Multiple Choice Questions</li> </ul>
10.	Konkani	<ul style="list-style-type: none"> <li>- Lecture Method, Discussion Method and Presentation Method</li> </ul>	<ul style="list-style-type: none"> <li>- Projects and Assignments by using ICT</li> </ul>

11.	Mathematics	- problem solving and self learning	- open book tests, multiple choice tests and presentations
12.	Marathi	- Group Discussion - Presentations - Self learning - Field work	- Assignments - Multiple Choice Questions - Written Exam - Open Book Test
13.	MA. Psychology	- Experiential learning through case studies and practicum	- Open Book Examination
14.	Physics	- Department of Physics adopted Peer Instruction Teaching Method	- Assignments in the form of working models
15.	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.	
16.	Sociology	- Experiential learning	- Globalization and New Media (Digital Story Telling): Students create a documentary using pictures or videos. - Teaching Sociology: Theory and Practice: students demonstrate their teaching skill in a class allocated to them. Introduction to Qualitative Research Methods: S.E.A is based on the development of a research proposal.
17.	Students Support Service	- Google Classroom	- Online Multiple Choice Questions.
18.	Zoology	- Problem based learning. - Group learning activities. - Projects - Interactive learning - Devised protocol for conducting practical – enabling higher order thinking. - Research publications related to teaching learning:	- Devised rubric for continuous assessment of practicals. - 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.

#### **Standardised Practises to ensure quality of Teaching-Learning and Evaluations:**

A well-defined plan for each course, course outline and pre-class reading through the Flipped Learning Methodology that is facilitated through CLAAP and Google Classroom is being adopted as a policy by the college keeping in view the confidentiality involved in the organization and conduct of a Semester End written exam every teacher prepare two sets of internal question papers in accordance with Bloom’s taxonomy along with detailed answer keys. Marking schemes / rubrics are devised for courses having submission-based Semester end exams, Term

Papers based SEEs, or portfolio based SEEs. Through a Central Evaluation System of assessing and cross-checking of scores the results are prepared using automated software. An academic audit conducted at the end of a year intends to monitor the entire process of delivery of a course.

**Complementary practices to academics – Value added Services, Research-based education, and Student Academic Tracking:**

Certificate courses and value-added courses are offered to students through CCAPS (Chowgule Center for Applied and Professional Studies) besides some of the departments in the faculty of Arts the departments. An analysis of the results of the students is done and a tracking of the grades set in advance by the students is monitored through a mentoring system apart from that done at the department level. As a part of promoting a research culture amongst students, an encouragement is given to students to present their work related to projects either as papers or as posters at relevant forums.

## Practice II: International Exchange Programme

The college has instituted Exchange Programmes with institutes beyond the boundaries of the country. These programmes function at the following levels:

- a) Student & Faculty Cultural Exchange Programme (with Project Collaborations)
- b) Student Academic Exchange Programme & International Student Project Guidance
- c) Faculty Academic Exchange Programme
- d) MOUs with International institutes, Visits and Bilateral Programmes

The aim is commensurate with the vision and mission of the college to give opportunities to all, while endeavouring to be global leaders in education.

### **Student & Faculty Cultural Exchange Programme**

The exchange programme with Swedish institutions aims to establish collaboration between the students and faculty of the respective institutions and provides an opportunity to understand the culture, traditions, food and socio-economic life in Sweden. The history, biodiversity and other aspects of Sweden are covered through lectures and enhanced through field trips.

As part of the Sweden Exchange Programme 2017-18, 18 students and three faculty member of the college, Mr. Kumaresh Pillai, Ms. Liesl Silva and Ms. Sharmila Menezes visited *Tullinge* and *Bromma* Gymnasium, Stockholm, Sweden from 6<sup>th</sup> September to 22<sup>nd</sup> September, 2017. Our students stayed with the Swedish students who were selected to reciprocate the visit to Chowgule College in November-December, 2017. The students attended lectures on Swedish history, cultural exchange, flora and fauna, preservation biology, equality and so on. They visited important historical locations in and around as a part of the exchange programme. Students also gave a performance on 'India Day' that was organized to showcase Indian Culture.

On a reciprocal visit, 18 students and five faculty from Tullinge and Bromma Gymnasiums, visited Parvitibai Chowgule College from 25<sup>th</sup> November to 8<sup>th</sup> December, 2017. Swedish students stayed with families of our students to experience Indian social life. The programme schedule included sessions on yoga, interactive lectures on 'Goan Heritage', 'Industries in Goa', 'Livelihood strategies of Tribal's in Goa', 'Ethnic Medicines', 'Goan Cuisine' and 'Indian Classical Dance/Music'. Students were taken on field visits to orphanage, old age home, and other institutes and houses that court Goa's cultural heritage.

### **Projects Collaborations**

During the academic year 2017 – 2018, the research component of the programme included two projects carried out by our students and members of faculty in collaboration with *Tullinge* gymnasium (Stockholm, Sweden). A brief account of the projects is provided below:

- *A preliminary comparative analysis of soil microbes in Goa and Sweden*

The project was aimed at conducting a preliminary microbial analysis of soil samples from Sweden and Goa and to compare the microbial colonies formed along specific parameters.

It was interesting to note that while the microbial colonies from soil samples in both countries displayed similarities in size, texture and pigmentation, there were differences in the type of margin and in the optical property, indicating that the species found in these regions vary from each other. Further characterization tests would reveal information with respect to Gram character, biochemical nature, motility and other characteristics of the soil microbes.

### **Student Academic Exchange Programme**

- a) Ms. Aarati Joshi, SYBA (English/French Major) got selected at Waseda University, Japan for a one year course in advanced Japanese language during academic year 2017-18 under the academic exchange programme. She was awarded JASSO scholarship to complete her course over the year.
- b) Ms. Charmaine Pereira, SYBA (English Major) was selected to pursue her study at Kansai University, Japan for two semesters for the year 2018 – 2019 under the Student Academic exchange programme.
- c) Dr. Nandkumar Sawant guided and mentored Ms. Kata Murányi, a Research Scholar from Institute of Geography, University of Pécs, Hungary for her Short Study on 'Creative Economy of the Portuguese Speaking Countries and Territories, Ex-colonies', 31<sup>st</sup> December 2017 to 16<sup>th</sup> January 2018. Ms. Kata Murányi also conducted a workshop on 'Mapping of Urban Neighbourhood's for students of MA Geography on 12<sup>th</sup> January 2018.
- d) Dr. Nandkumar Sawant provided guidance to Ms. Klara Nordström, a Graduate Student from University of Stockholm, Sweden, for her Research Project on 'Tourism and Women Empowerment', 16<sup>th</sup> January to 16<sup>th</sup> March 2018.

### **Faculty Academic Exchange Programme**

Under this initiative the college endeavours to associate and bring in foreign faculty members to give our students an edge. This is in its initial stages and therefore has seen foreign faculties and delegates visiting the institute.

- a) Professor Gilda Machado from Portugal is providing her services to this college and is in-charge of the department of Portuguese and conducted the Portuguese Language Course for 78 students for the full academic year.
- b) Prof. Jose Manuel Peres Jorge, University of Porto, Portugal visited the Department of Economics, from 7<sup>th</sup> to 19<sup>th</sup> August, 2017. He addressed the students of Economics on exchange rate systems and international banking and exchange rate and international resource management.
- c) His Excellency, Mr. Hai Kwang Lee, Acting Ambassador of Republic of Korea (South Korea) to India, visited the college on 27<sup>th</sup> of October, 2017 to give a talk on Korea-India relations as a part of the Embassy's public diplomacy programme. His lecture touched upon deep historical and cultural linkages between the two countries that date back more than two thousand years. He added that Korea's focus on education is significant and showed keen interest in strengthening bilateral relations between the two countries in collaborative research and higher education.
- d) Prof. Paula Guerra from University of Porto, Portugal visited the Dept. of Sociology, from 30<sup>th</sup> January to 12<sup>th</sup> February, 2018. She took up lectures on *Sociology of Religion* and *Introduction to Schools of Sociological Theory* for the sociology students. Prof. Guerra also conducted a workshop on *Introduction to Qualitative Research* for students and members of faculty of the college.
- e) Professor Christopher Gallager, from International Christian University, Japan taught a course: Academic Writing for the academic year 2017-18. He also conducted few workshop and was the resource person for the National Conference
- f) A *workshop* on '**Conflict Mediation**' by Ms. Ana Martins, (Psychologist) was conducted for faculties to learn and validate specific skills, such as cooperative negotiation, assertiveness, communication, active listening, creativity and problem solving, which are important tools that can promote the improvement of interpersonal relationships and pedagogical methods. Similarly, Dr Patrick Mc Namara conducted a workshop on Art of Meditating.

### **MoUs with International institutes, Visits and Bilateral Programmes**

Under this initiative MOUs, Visits and Bilateral programmes are organized and sought after to continue our vision to be leaders in education.

- a) An MoU has been signed between University of Porto, Portugal and our College for cultural exchanges between both institutions for a period of five years. An addendum was also signed at the same time for academic exchanges during this period.
- b) Dr. Nandkumar Sawant received a grant by ICSSR, New Delhi, for a visit to Thailand from 14<sup>th</sup> – 27<sup>th</sup> March 2018, to carry out his Research Project on 'Effects of International Tourism Related

Activities on the Social and Economic Life of the Adjoining Rural Hinterlands: A Comparative Study of Goa (India) and Chonburi (Thailand) in the Globalized Era’ under the ICSSR-NRCT Bilateral Programme.

- c) Dr. Nandkumar N Sawant and Shri. S.S. Adsul (Department of Marathi) attended the International Scientific workshop on ‘Urbanization and Regional Development in Russia and Europe’ on 19<sup>th</sup> & 20<sup>th</sup> April, 2018 at RUDN University (People’s Friendship University of Russia), Moscow, Russia. They jointly presented a paper on ‘Goa’s Urban Landscape: does it retain Lusophone Identity?’

***\*Provide the details in annexure IX***

#### **7.4 Contribution to environmental awareness / protection**

A Special space has been allotted for developing a butterfly garden in the campus displaying several species of butterflies and structures are created for their breeding. The presence of many species of butterflies on our campus is an indication of a clean and health campus. The butterfly garden has different host plants which include both adult and larval feeding plants. The garden is maintained by the zoology students of NSS unit of the college.

#### **7.5 Whether environmental audit was conducted?**

Yes

☒☐

#### **7.6 Any other relevant information the institution wishes to add. (for example, SWOC Analysis)**

##### **Institutional SWOC Analysis:**

##### *Strengths*

- Diverse Courses – the institution is encouraging new and diverse programmes/courses, through infrastructural and logistic support - B. Vocational programme, CCAPS short term courses ([www.ccaps.in](http://www.ccaps.in))
- Increased collaboration with National / International Institutions
- Students’ Club system and increased student engagement
- Increase in quality research and funding
- Increasing use of modern Teaching-Learning and Evaluation strategies and methods
- Academic exchange programme

##### *Weakness*

- No. of students clearing National level exams
- Admissions into PG programmes
- Alumni Networking

##### *Opportunities*

- To expand our Research and Consultancy
- To market our programmes/courses offered outside the State of Goa.

##### *Challenges*

- Constant endeavour to ensure Master's programmes stay relevant
- Marketing programmes to relevant stakeholders
- Government's policy of reservation in the appointment of teachers

leading to unavailability of eligible teachers under reserved categories to fill up teaching posts

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

1. Structuring Teaching learning processes in an Outcome Based Education framework
2. Setting up of Centre for South Asian studies
3. Strengthening student club system
4. Promoting quality research
5. Initiate introduction of skill development courses
6. Collaboration with Institutes (foreign universities, )
7. Continuously upgrade Infrastructure and facilities.

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




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*Signature of the Coordinator, IQAC*

*Name: Dr. Nandkumar N. Sawant*




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*Signature of the Chairperson, IQAC*

## ANNEXURE I

### LIST OF IQAC COMPOSITIONS, 2017 - 18

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. Debashish Majumdar	-do-
5.	Ms. Mitra Borkar	-do-
6.	Ms. Shaila Ghanti	-do-
7.	Mr. V. C. Kumaresh	-do-
8.	Ms. Sameena Falleiro	-do-
9.	Dr. Nandini Vaz Fernandes	-do-
10.	Mr. Sachin S. Moraes	-do-
11.	Ms. Liesel De Silva	-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.	Mr. Sandeep Prabhakar Pai (Student council General Secretary)	Student representative
22.	Ms. Vrushali Vinayak Shinde (Sports Council General Secretary)	Student representative

**ANNEXURE II**  
**CURRICULAR ASPECTS, 2017-18**

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> <li>10. Biochemistry</li> </ol>	<ol style="list-style-type: none"> <li>1. B.Sc. in Statistics</li> <li>2. B. Voc. in Software Development</li> </ol>
2.	Post Graduate	<p><u>Master of Arts</u></p> <ol style="list-style-type: none"> <li>1. Economics</li> <li>2. Geography</li> <li>3. Hindi</li> <li>4. Child Psychology and Child Development</li> </ol> <p><u>Master of Science</u></p> <ol style="list-style-type: none"> <li>5. Analytical Chemistry</li> <li>6. Information Technology</li> </ol> <p><u>Post Graduate Diplomas in</u></p> <ol style="list-style-type: none"> <li>7. Computer Applications (PGDCA)</li> <li>8. Clinical Genetics &amp; Medical Laboratory Techniques (PGDCGMLT)</li> <li>9. Geo-informatics (PGDGIS)</li> </ol>	<ol style="list-style-type: none"> <li>1. Postgraduate Diploma in Analytical Techniques</li> <li>2. Diploma course in Book publishing.</li> </ol>
3.	Ph.D.	<p><u>Centre for Research in</u></p> <ol style="list-style-type: none"> <li>1. Hindi</li> <li>2. Geography</li> <li>3. Botany</li> </ol>	
4.	Certificate	<p><u>Certificate Courses in</u></p> <ol style="list-style-type: none"> <li>1. Geospatial Technology</li> <li>2. GIS Certificate Course in Pathological Techniques.</li> <li>3. 3D Animation.</li> <li>4. Multimedia</li> <li>5. Business English Course</li> <li>6. Portuguese</li> <li>7. Applied chemistry.</li> <li>8. Creative Drawing and Painting</li> <li>9. Photography</li> <li>10. Videography</li> <li>11. Video Editing</li> <li>12. Sound Editing</li> </ol>	<p><u>Certificate Course in</u></p> <ol style="list-style-type: none"> <li>1. Booking Keeping</li> <li>2. Journalism</li> </ol>
5.	Centres*	-	<ol style="list-style-type: none"> <li>1. Centre for Translation</li> <li>2. Centre for Teaching Learning</li> <li>3. Centre for Research</li> </ol>

## FOR THE ACADEMIC YEAR 2017-18

BACHELOR OF SCIENCE		POST GRADUATE DIPLOMA IN	
i. Botany	ii. Physics	i. Geo-informatics	
iii. Chemistry	iv. Zoology	ii. Computer Applications	
v. Computer Science	vi. Biotechnology	iii. Clinical Genetics & Medical Lab. Techniques	
vii. Mathematics	viii. Biochemistry	iv. Analytical Techniques*	
ix. Geology	x. Statistics*		
BACHELOR OF ARTS		SELF FINANCED COURSES	
i. Economics	vii. English	i. Biotechnology	
ii. Geography	viii. French	ii. Third Year B.Sc. in Geography	
iii. History	ix. Hindi	iii. Third Year in Sociology	
iv. Philosophy	x. Konkani	iv. Portuguese	
v. Psychology	xi. Marathi	v. M.A. in Geography	
vi. Sociology		vi. M.A. in Hindi	
BACHELOR OF VOCATIONALS		vii. M.A. in Economics	
i. Software Development*		viii. M. Sc. in Information Technology	
		ix. M. Sc. in Analytical Chemistry	
POST GRADUATE		x. Biochemistry	
i. Masters in Arts Economics		xi. B.Voc. in Software Development*	
ii. Masters in Arts Geography			
iii. Masters in Arts Hindi		CENTRES	
iv. Masters in Science Information Technology		i. Centre for Research in Hindi	
v. Masters in Science Analytical Chemistry		ii. Centre for Research in Geography	
		iii. Centre for Botany	
		iv. Centre for Translations*	
		v. Centre for Teaching Learning*	
		vi. Centre for Research*	
CHOWGULES CENTRE FOR APPLIED AND PROFESSIONAL STUDIES (CCAPS)			
One Year Diploma Courses in		Short Term Courses	Duration
i. Photography & Film Production	vi. Animation & Creative Design	i. DJ Course	1 month
ii. Photography & Graphics Design	vii. Game Development & Game Design	ii. Drawing & Painting	3 months
iii. Advanced Photography	viii. Food & Beverages	iii. Basics of Digital Marketing	
iv. Sound Engineering	ix. Motion Graphics & Digital Film Production	iv. Advanced Digital Marketing	6 months
v. Digital Cinematography & Audio Visual Editing		v. 3D Animation	
		vi. Digital Cinematography	
		vii. Photography	
		viii. Digital Film Production Techniques	
		ix. Audio Visual Editing Techniques	

Interdisciplinary Courses		Generic Electives Offered At First Year Level	
Subjects	Interdisciplinary courses	Subject	Titles of the courses
Biochemistry	Food And Nutrition	Economics	Entrepreneurship
Economics	Gandhian Economic Thoughts	Philosophy	Current Ethical Issues
Geography	Geography Sustainable development	History	Goan Heritage and Culture
Philosophy	Current Ethical issues	Hindi/ Konkani/ Marathi	Introduction to Constitution of India
Physics	Elementary Physics - I	Mathematics	A study of One Act Play and Street Play (Hindi/ Konkani/ Marathi)
Psychology	Sports Psychology	Biotechnology	Competitive Exams
			Mushroom Cultivation &

English	English Filmy Studies		Vermicomposting Technology
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**ANNEXURE III**  
**ACADEMIC CALENDAR 2017- 18**

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

Semester begins	- 15 June 2017
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	- 24 August 2017 to 30 August 2017
Semester End Examinations	- 16 October 2017
Semester ends	- 4 November 2017
Winter break	- 6 November 2017 to 25 November 2017

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

Semester begins	- 27 November 2017
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 2017 to 1 January 2018
Semester End Examinations	- 9 April 2018
Semester ends	- 2 May 2018
Summer break	- 3 May 2018 to 14 June 2018

**ANNEXURE IV**  
**Overall Results of UG and PG for the academic year 2017-18**

Programmes	No. of Students Appeared	O	in %	A+	in %	A	in %	B+	in %	B	in %	C	in %	P	in %	Total Pass	in %	F	in %
<b>B.Sc.</b>	<b>282</b>	11	3.90 %	52	18.44 %	93	32.98 %	47	16.67 %		0%		0%		0%	203	71.99 %	79	28.01%
<b>B.A.</b>	<b>143</b>	6	4.20 %	31	21.68 %	34	23.78 %	25	17.48 %		0%		0%		0%	96	67.13 %	47	32.87%
<b>Total</b>	<b>425</b>	17	4.00 %	83	19.53 %	127	29.88 %	72	16.94 %	0	0%		0%		0%	299	70.35 %	126	29.65%

Programmes	No. of Students Appeared	O	in %	A +	in %	A	in %	B+	in %	B	in %	C	in %	Dis tinction	in %	I	in %	II	in %	P	in %	Total Pass	in %	F	in %
MA in Applied Economics	8		0.00%		0.00 %	3	37.50%	3	37.50 %	2	25.00 %		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %	8	100.00%		0.00%
MA in Geography	21		0.00%	2	9.52 %	6	28.57%	6	28.57 %	6	28.57 %		0.00 %		0.00 %		0.00 %		0.00 %	1	4.76%	21	100.00%		0.00%
MA in Hindi	10		0.00%		0.00 %	4	40.00%	5	50.00 %	1	10.00 %		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %	10	100.00%		0.00%
MSc in Analytical Chemistry	3		0.00%		0.00 %		0.00 %		0.00%		0.00%	1	33.33%		0.00 %		0.00 %		0.00 %		0.00 %	1	33.33%	2	66.67 %
MA in Child Psychology	5		0.00%		0.00 %	2	40.00%	3	60.00 %		0.00%		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %	5	100.00%		0.00%
MSc IT	17		0.00%	2	11.76 %	7	41.18%	8	47.06 %		0.00%		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %	17	100.00%		0.00%
PGDCA	13		0.00%	2	15.38 %	2	15.38%	2	15.38 %	5	38.46 %	1	7.69 %		0.00 %		0.00 %		0.00 %		0.00 %	12	92.31%	1	7.69%
PGDGIS	19		0.00%		0.00 %		0.00 %		0.00%		0.00%		0.00 %	12	63.16%	6	31.58 %	1	5.26 %		0.00 %	19	100.00%		0.00%
PGDCGM LT																									
Total	96			6	6.25 %	24	25.00%	26	27.08 %	#	14.58 %	4	4.17 %	12	12.50%	6	6.25 %	1	1.04 %	3	3.13%	93	96.88%	3	3.13%
M A in Economics (2015-16 batch)	1		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %	1	100.00 %	1	100.00%		0.00%
MSc in Analytical Chemistry(2015-16 batch)	1		0.00 %		0.00 %		0.00 %		0.00 %		0.00 %	2	200.00%		0.00 %		0.00 %		0.00 %		0.00 %	2	200.00%		0.00%

**Abbreviations:**

**O** - (Outstanding)  
**A+** - (Excellent)

**A** - (Very Good)  
**B+** - (Good)

**B** - (Above Average)  
**C** - (Average)

**I** - (First Class)  
**II** - (Second Class)

**P** - (Pass)  
**F** - (Failed)

**ANNEXURE V**  
**STUDENTS COUNT FOR THE ACADEMIC YEAR 2017-18**

**DETAILS OF UNDERGRADUATE (UG) STUDENTS FOR THE YEAR 2017-18**

UNDER-GRADUATE	Total students	Male	%	Female	%	General	SC	ST	OBC	Students Outside Goa
FYBA	175	30	17%	145	83%	159	1	5	10	19
FYBsc	295	84	28%	211	72%	245	3	14	33	27
FYB.Voc	16	12	75%	4	25%	12	0	1	3	01
SYBA	163	35	21%	128	79%	146	1	5	11	0
SYBsc	260	107	41%	153	59%	220	7	7	26	0
TYBA	141	26	18%	115	82%	124	2	3	12	0
TYBsc	280	77	27%	203	73%	241	2	13	24	0
<b>TOTAL</b>	<b>1,330</b>	<b>371</b>	<b>28%</b>	<b>959</b>	<b>73%</b>	<b>1,147</b>	<b>16</b>	<b>48</b>	<b>119</b>	<b>47</b>

**DETAILS OF POSTGRADUATE (PG) STUDENTS FOR THE YEAR 2017-18**

POST-GRADUATE	Total students	Male	%	Female	%	General	SC	ST	OBC	Students Outside Goa
P.G.D.C.A.	13	4	38%	9	62%	12	0	0	1	01
P.G.D.G.I.S.	19	14	74%	5	6%	16	1	0	2	19
P.G.D.C.G.M.L.T	4	1	25%	3	75%	4	0	0	0	0
M.A. Economics I	4	1	9%	3	91%	4	0	0	0	0
M.A. Economics II	8	0	0%	8	100%	7	0	0	1	0
M.A.Geography I	24	6	25%	18	75%	12	0	7	5	0
M.A.GeographyII	21	10	48%	11	52%	11	0	5	5	0
M.A. Hindi I	5	2	40%	3	60%	4	0	0	1	0
M.A. Hindi II	10	1	10%	9	90%	9	0	0	1	0
M.A. PsychologyI	8	1	12%	7	88%	8	0	0	0	02
M.A. Psychology II	5	0	0%	5	100%	5	0	0	0	0
M.Sc.I.T.I	20	12	60%	8	40%	16	1	0	3	01
M.Sc.I.T.II	17	16	94%	1	6%	17	0	0	0	0
M.Sc. Analytical Chem I	8	0	0%	8	100%	7	0	0	1	0
M.Sc. Analytical Chem II	3	0	0%	3	100%	3	0	0	0	0
<b>TOTAL</b>	<b>161</b>	<b>68</b>	<b>45%</b>	<b>92</b>	<b>55%</b>	<b>128</b>	<b>2</b>	<b>12</b>	<b>19</b>	<b>23</b>

**DETAILS OF DOCTOR OF PHILOSOPHY (PH.D.) STUDENTS FOR THE YEAR 2017-18**

DOCTOR OF PHILOSOPHY	Total students	Male	%	Female	%	General	SC	ST	OBC	Students Outside Goa
Botany	0	0	0	0	0	0	0	0	0	0
Geography	4	3	75%	1	25%	3	0	1	0	1
Hindi	4	0	0%	4	100%	4	0	0	0	0
<b>TOTAL</b>	<b>8</b>	<b>3</b>	<b>38%</b>	<b>5</b>	<b>63%</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>

<b>Years</b>	<b>No. of international Students</b>	<b>No. of Physically Challenged student</b>
<b>UG - First</b>	<b>03</b>	
<b>UG - Second</b>	<b>02</b>	<b>01</b>
<b>UG – Third</b>	<b>05</b>	
<b>PG - MSc-IT</b>		<b>01</b>
<b>Total</b>	<b>10</b>	<b>02</b>

## ANNEXURE VI

### FACULTY DEVELOPMENT PROGRAMMES

#### **A) REFRESHER COURSES:**

1. Anagha Bicholkar (2017) attended *Refresher Course* in “**Geography**” held at Gujarat from 4<sup>th</sup> December to 24<sup>th</sup> December 2018.
2. Manjita R. Porob, Lactina R. Gonsalves and Sachin B. Kakodkar (2017) attended *Refresher course* in “**Chemistry**” at Goa University, Goa from 1<sup>st</sup> – 21<sup>st</sup> December 2017.

#### **B) HUMAN RESOURCES PROGRAMMES:**

1. Malcom Afonso (2017) successfully completed the **4 weeks online course** in “*Digital Image Processing of Remote Sensing Data*” with a score of 70% at NPTEL Online Certification, Ministry of HRD, Govt. of India.
2. Julius Mendes (2017) successfully completed **week long training** at AICTE-ISTE Workshop on ‘*Statistical Techniques and Tools in Research Methodology*’, held at Don Bosco College of Engineering, Fatorda Goa from 6th to 10th of November 2017.

#### **C) ORIENTATION PROGRAMMES:**

1. Vidya R. Balekai (2017) attended a One day “**Orientation Programme**” for college appointed Counsellors in association with College Development Council and State Project Directorate (RUSA) held at Sanskruti Bhawan, Directorate of Art & Culture, Patto Plaza, Panjim- Goa on 11<sup>th</sup> December, 2017.
2. Nineteen faculties (Dessai Y., Desai A., Gonsalves L., Shirodker A., DCosta S., Afonso M., Monteiro D., Ghanti S., V. PrabhakaranDias Barreto, J., Dhopeswar N., Gaikwad S., Coutinho S., Naik A., Moraes S., Sawardekar B., Menezes S., Gokhale K. D., Mesquita S. and Patil M.) (2018) attended *Faculty Orientation Programme* on “**Entrepreneurship**” organized by the Dean, Faculty of Sciences of our Collge on 15<sup>th</sup> February, 2018. The Resource Person was Mr. B.S. Rivonkar, Ex-Director of Centre for Entrepreneurship Development of Karnataka (CEDOK) & IIT, Suratkal.
3. Andrew Barreto and Rohan K. Kunkalekar (2017) attended an “**98th Orientation Programme**” organized by UGC-HRDC, Goa University, Goa from 14<sup>th</sup> November to 11<sup>th</sup> December 2017(28 Days).
4. Ashish Ashwini (2018) attended the “**Orientation Programme**” organized by Goa University from 8<sup>th</sup> February to 7<sup>th</sup> March 2018.

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

There were following Academic International Exchange Programmes organized:

- i. Tullinge Gymnasium and Bromma Gymnasium, Stockholm, Sweden: Three faculties along with 18 students visited Sweden under the Student-Teacher Exchange Programme 2017-18 from 6th September to 21st September, 2017.
- ii. University of Porto, Portugal: Two faculties separately visited for delivering series of lectures during the academic year.

#### **E) FACULTY DEVELOPMENT / TRAINING PROGRAMMES:**

1. Yatin Desai, Amisha Pednekar and Divyarani Revankar (2017) attended the **Faculty Development Programme** on '*How to Write a Research Paper*' organized by the Internal Quality Assurance Cell (IQAC) of the Government College of Commerce & Economics, Boda-Margao Goa on 16<sup>th</sup> October, 2017.
2. Samantha Coutinho (2018) attended in a **Faculty Orientation Programme** on "*Entrepreneurship*" conducted by Mr. B.S. Rivonkar (CEDOK) on 15<sup>th</sup> February, 2018.
3. Hanumant C. Chopdekar and Shubha Barad (2018) attended *National Level Poetry Festival* entitled "**Konkani Poetry Fest**" organized by Kavita Trust, Mangalore held on 14<sup>th</sup> January, 2018.
4. Anil Yedage (2018) attended a Special Lecture on '**Emerging trends of Geospatial Techniques and Web GIS**' by Kanade and Sunil Palkar on 12<sup>th</sup> January 2018, during their Industrial visit to Science and Technology Park, Pune.
5. Shaila Ghanti and Kanchana R. (2018) attended SPJIMR's Annual flagship entrepreneurial event '**Lock Stock Trade**' on 13<sup>th</sup> January, 2018 held at SPJIMR Auditorium, Mumbai.
6. Pradeep Jatal (2018) attended Series of Master Classes on '**Transforming Teachers – A Critical Need for this Digital Century**' by Prof Deepak B. Phatak, IIT-Mumbai, organised by Directorate of Higher Education, Govt. of Goa in collaboration with State Project Directorate (RUSA) on 10<sup>th</sup> February, 2018.
7. Malati Dessai, Yatin P. Desai and Ashish Desai attended the lecture cum demonstration programme on "**New Version of EXPEYES for computer interfaced experiments in Physics**" organized by Physics Department, Carmel College, Nvem-Goa on 30<sup>th</sup> January, 2018.
8. Nandini Vaz Fernandes along with 03 students (2017) attended the *Carl Memorial Lecture* on '**Scope of Science in Indian Ornithology and Conservation**' by Mr. Shashank Dalvi, renowned Wildlife Biologist on 20<sup>th</sup> August, 2017.

ANNEXURE VII  
**ATTENDED CONFERENCES / SEMINARS / SYMPOSIUM, 2017-18**

**INTERNATIONAL LEVEL:**

1. Gudekar A. and Shaikh S.(2017) *attended* the 5<sup>th</sup> International Conference on “**Advanced Computing, Networking and Informatics (ICACNI 2017)**” organized by Department of Computer Science & Engineering, National Institute of Technology, Goa, and Center for Computer Vision and Pattern Recognition, National Institute of Technology, Rourkela held during 1<sup>st</sup> - 3<sup>rd</sup> June, 2017.
2. V. R. Balekai and Dasilva B.(2017) *attended* International Training Conference on “**Brief Psychotherapies**” held at Institute of Mental Health and Neuroscience (IMHANS), Kozikode, Calicut, Kerala from 20<sup>th</sup> to 23<sup>rd</sup> December, 2017.
3. Matha M., Gudekar A., Shaikh S., Aroskar D. and Lotlikar P. (2018) *attended* The ACM India Joint International Conference on **Data Science & Management of Data “CoDS-COMAD 2018”** held at International Center, Dona Paula from 11<sup>th</sup> January 2018 to 13<sup>th</sup> January 2018.
4. Jatal P. *attended* two days International Conference on ‘**Hindi Cinema: Samay, Sanskruti aur Bhasha**’ organised by Pune University on 22<sup>nd</sup> & 23<sup>rd</sup> February, 2018.
5. Bhat G. (2018) *attended* the International Seminar on “**Literature and Protest**” organized by the Department of English, University of Mumbai on 3<sup>rd</sup> February, 2018.
6. Desai A. M. (2018) *attended* a Seventh International Conference “**To review research in Science, Technology and Mathematics Education (epiSTEME-7)**” organized by the Homi Bhabha Centre for Science Education, a National Centre of the Tata Institute of Fundamental Research, Mumbai, on 5<sup>th</sup> to 8<sup>th</sup> January 2018.

**NATIONAL LEVEL:**

1. H. C. Chopdekar and Barad S. (2017) *attended* the National Seminar on “**Konkanitlem Vinodpradhaan Sahitya : Ek Chikitsa**” organized by Sahitya Akademy, New Delhi and Department of Konkani, Goa University Taleigao Goa on 28<sup>th</sup> August, 2017.
2. Amonkar R. & Barad S. (2017) *attended* a National level Seminar on “**Konkani Pravaas Lekhan: Ek Chikitsak Niyaal – Bailaanee Kellya Lekhan Pravaasa Sandarbhaant**” jointly organized by Sahitya Akademy and Fr. Agnel College, Pilar on 15<sup>th</sup> December, 2017.
3. Mishra R. (2018) *attended* one day National Seminar on ‘**Samkaleen Kavita aur Mangalash Dabral ka Kavya**’ organized by R.N. Ruiya College, Matunga, Mumbai on 12<sup>th</sup> February 2018.
4. Barad S. (2018) *attended* one day National Level Seminar on “**Field Linguistics and Konkani Dialect**” jointly organized by B. B. Borkar Chair, Goa University. Taleigao on 20<sup>th</sup> March, 2018.

5. Fernandes Da Costa S., Barreto A. S., Bhat G., Pacheco D. (2018) *attended* two days National Conference on **“Contemporary and Modern Trends of English Literature and Language”**, organized by the Department of English of our College held on 2<sup>nd</sup> and 3<sup>rd</sup> April 2018.
6. Barreto A. S. (2018) *attended* one day National Seminar on **“Revisiting Higher Education, Culture Studies, English Language and Literature Teaching”** organized by Cuncolim Educational Society’s College of Arts and Commerce, Cuncolim held on 24<sup>th</sup> March, 2018.

### **STATE LEVEL:**

1. Naik A. (2017), *attended* a learning disability and ADHD seminar on **‘Learning to Help Them Learn’** organized by Antarman Centre for Psychosocial Well being in collaboration with the Psychiatric Society of Goa and the Goa State Commission for Protection of Child Rights held at Panaji, Goa on 25<sup>th</sup> June, 2017.
2. Naik A. (2017), *attended* the 6th Annual State Conference of the Psychiatric Society of Goa on **‘Relationships and Mental Health’** on 8<sup>th</sup> & 9<sup>th</sup> July, 2017 at Goa.
3. Gaunkar S. and Fernandes E. along with five Sociology students *attended* one day State Level Interdisciplinary Seminar on **“Transcending the Glass Ceiling and Gender Stereotypes: Empowered Women in Goa”**, organized by the School of Humanities (Departments of Philosophy, History and Sociology) at St. Xavier’s College Mapusa - Goa on 28th September 2017.
4. Dias V. and Khorjuvemkar S. (2017) *attended* a seminar on **‘New Perspectives in Biosciences’** held at Goa University on 7<sup>th</sup> December, 2017.
5. Nandini V. F.; Balekai M.; Rodrigues A. and Dsouza A., (2018), *attended* one day state level seminar on **‘Birds as Indicators of Healthy Environment’** organized by Department of Zoology, Dhempe College, Miramar, Goa, on 26<sup>th</sup> February, 2018.
6. Mesquita S., Motankar M. M. and Dias V. (2018) *attended* a one day state level seminar on **“Intellectual Property Rights: Creating Awareness about Patents, Copyrights and Entrepreneurship”** organized by Internal Quality Assurance Cell (IQAC) of the Government College of Commerce and Economics, Margao, Goa on 11<sup>th</sup> April, 2018.

### **REGIONAL / INSTITUTIONAL:**

1. Sankhalkar S. (2018) *attended* Western Regional Seminar on **“Frontiers and Innovations in Plant Sciences”** sponsored by Department of Science, Technology and Environment, Department of Tourism, Department of Agriculture, Adventz- Zuari Agro Chemicals and Turbosketch on 16th and 17th March 2018.

## **ATTENDED WORKSHOPS, 2017-18:**

### **International:**

1. Sawant N. N. and Adsul S. S. (2018) *attended the International Scientific workshop on “Urbanization and Regional Development in Russia and Europe” at RUDN University, Moscow -Russia on 19<sup>th</sup> & 20<sup>th</sup> April, 2018.*

### **National:**

1. Sawant N. N., H. S. S. Nadkarni; V. C. Kumaresh and Nandini V. F. (2018) *attended two days National Workshop on “Quality Enhancement in Higher Education” organized by Goa University, in collaboration with DHE, Govt. of Goa, on 9<sup>th</sup> & 10<sup>th</sup> March, 2018.*
2. Nandini V. F., Balekai M., DSouza A., Vaz T. and Rodrigues A. (2018) *attended a National Conference on “Coastal Wetlands of India” at RP Gogate College of Arts and Science, Ratnagiri Maharashtra on 17<sup>th</sup> & 18<sup>th</sup> March, 2018.*
3. Motankar M. M. and Barreto A. (2018) *attended the Six days National Level Train the Trainer Workshop on “Flipped Learning” organized by K. J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai from 23<sup>rd</sup> to 26<sup>th</sup> April, 2018.*
4. Motankar M. M. (2018) *attended in two National level Workshops on 'Intellectual Property Rights' and 'Bio-Business' at Sir M Visveswarya Institute of Technology, Bangalore India on from 29th to 31st January 2018.*

### **State:**

1. H. C. Chopdekar (2017) *attended the State level Workshop on “Creative Writing ( Short Story) on the topic “Katha Anni Kavita Lekhan:Ek Kala” organized by Department of Konkani and Marathi, Government College, Quepem on 21<sup>st</sup> August, 2017 at Quepem Goa.*
2. Babu A. M. (2017), *attended the State Level Workshop on “Creative Therapies”, organized by Nirmala Institute of Education, Altinho Panjim on 25<sup>th</sup> September, 2017.*
3. Desai Y. (2017) *attended one day state level workshop on “Scientific Typesetting and Diagram Plotting Using LaTeX” organized by the Department of Mathematics, St. Xavier’s College Mapusa Goa, on 4<sup>th</sup> November, 2017.*
4. Fernandes Da Costa S., Barreto A, Moraes S.S., Tamuly R., Coutinho S., Miranda M., Afonso M., R. Kanchana and Motankar M.(2017) *attended two days state level workshop on “Flipped Learning” organized by IQAC of our college held on 8th& 9th November, 2017.The resource person was Prof. Vasudha Kamat (Former VC, SNDT Women’s University, Mumbai).*

5. Da Silva B., and Babu A. M.(2018) *attended* two days *State Level* workshop on ‘**Rorschach: Exner Comprehensive Scoring System**’ organized by PG Department of Psychology, St. Xavier’s College, Mapusa-Goa on the 12<sup>th</sup> & 13<sup>th</sup> February, 2018.

**Regional / Institutional:**

1. Tamuly R. (2017), *attended* the Third Methodology *Workshop* on “**Cutting Edge Research on Health Inequities: Concepts and Methods**” organized by Achutha Menon Centre for Health Science Studies (SCTIMST), under the project “Closing the Gap: Health Equity Research Initiative in India” supported by IDRC, Canada, in collaboration with Azim Premji University, Bengaluru on 3<sup>rd</sup> July, 2017.
2. D’Souza A. and Rodrigues A. along with students Halali D. and Fernandes S. (2017) *attended* the field trips and workshop on “**Odonata Taxonomy, Evolution, Behavior, Research And Conservation**” held at the 4th Dragonfly India Meet and 9th Indian Symposium of Odonatology at Surla- Sancordem on 17<sup>th</sup> and 18<sup>th</sup> September, 2017.
3. Fernandes Da Costa S., Desai R., Barreto A., Bhat G. and Pacheco D. (2017) *attended* the workshop on “**Stress Management**” organized by the Dean, Faculty of Languages and Literature of the college held on 12<sup>th</sup> October, 2017. Resource person: Clifford De Silva, Director of Goa Institute of Counseling, Panaji Goa.
4. Barreto A., Motankar M., Desouza L., Tamuly R., Coutinho S., Belurkar R., Panjekar P. and Bugde S. (2017) *attended* the workshop on “**Conflict Mediation**” organized by the college for all the teaching staff held on 23<sup>rd</sup> to 27<sup>th</sup> October, 2017. Resource person: Ana Luisa Martins, psychologist.
5. Sawant N. N. (2017) *attended* a three day workshop ‘**Academic Leadership in a Digital World**’ conducted by DHE, Govt. of Goa and State Project Agency RUSA from 2<sup>7th</sup> to 2<sup>9th</sup> November, 2017.
6. N. V. Fernandes (2017) *attended* the workshop on “**How to be a birding buddy**” for bird educators organized by Goa Birders Conservation Network in association with Nature Conservation Foundation at Pharmacy College, Panaji Goa on 10<sup>th</sup> December 2017
7. Fernandes Da Costa S. (2017) *attended* a workshop on “**Google Classroom**” organized by the FOSS Club of our College held on 18<sup>th</sup> December, 2017.
8. D.Prabakaran, Barreto I., Godinho C. and Gray W. (2017) *attended* 3 days workshop on “**Python Frameworks for Web Development and Software Tools and Best Practices**”, organised by Directorate of Higher Education, Goa at Sankruti Bhavan, Patto – Panjim, Goa from 20<sup>th</sup> December 2017 to 22<sup>nd</sup> December 2017.
9. Kanchana R, Nandini V. F. and Motankar M. (2017) *attended* 03 day lecture workshop on “**Role of three-dimensional structures in biological function**” organized by Department of Biotechnology

- of Goa University in collaboration with Indian Academy of Science, National Academy of Sciences and Indian National Science Academy held at Goa University from 13<sup>th</sup> -15<sup>th</sup> December, 2017.
10. Shaila Ghanti and Anagha Bicholcar (2018) *attended* a Workshop on **‘Restructuring and Redesigning the Higher Education Curriculum to meet Industry Needs’** at SDM Institute for Management and Development, Mysore, organized by Confederation of Indian Industry, Southern Region, from 24<sup>th</sup> -25<sup>th</sup> January, 2018.
  11. Da Silva B., and Babu A. M. along with four Post Graduate Psychology students (2018), attended workshop of the on **‘Trauma Informed Care for Professionals and Caregivers’** organized by Silver Linings Guidance and Counseling Centre, Margao on 16th February, 2018.
  12. Kelkar A.(2018) *attended* two workshops under GIAN scheme of MHRD, SPPU - Pune respectively from 5th to 16th March, 2018 on
    - i. **‘Mantle Petrology: Probing the Earth’s Interior’** conducted by Prof. Michele Grégoire, Géosciences Environnement Toulouse, Observatoire Midi-Pyrénées, Toulouse, France.
    - ii. **‘Use of Radiogenic Isotopes in Petrology and Geochronology’** conducted by Dr. Mathieu Benoit, Paul Sabatier University, Toulouse, France.
  13. Barreto A.(2018) *attended* a workshop on **“Theories in Learning and Curricula Design”** organized by the Directorate of Higher Education, Govt. of Goa in association with the State Project Directorate of RashtriyaUchchatarShikshaAbhiyan (RUSA) held at SanskrutiBhavan, Patto Panaji from 9th April to 13th April, 2018.
  14. Naik G. K. (2018) *attended* two days workshop on **“Computational and Theoretical Chemistry”** organised by Post Graduate Department of Chemistry, St. Agnes College (Autonomous), Mangaluru, Karnataka-India, held from 14th - 15th February, 2018.
  15. J. Mendes (2017) *attended* a week long AICTE-ISTE Training Workshop on **‘Statistical Techniques and Tools in Research Methodology’**, held at Don Bosco College of Engineering, Fatorda Goa from 6th to 10th of November 2017.
  16. Coutinho S. and Colaco V. (2018) *attended* in a workshop on **“Qualitative Research”** organised by the department of Sociology, Chowgule College from the 1st to the 5th of February 2018.

### **OTHER, 2017-18:**

1. Anil Yedage (2018) *attended* the **‘User Interaction Meet’**, organized by NRSC (National Remote Sensing Center) and Geospatial World Forum, India from 17th to 19th January, 2018 at Hyderabad.
2. Roopa Belurkar, Manjita Porob, Padmini Raikar and Anurag Naik, (2018), *attended* the **‘16th Annual Convention of Association of Chemistry Teachers (ACT-Goa)’** held at Government HSS, Sankhlim, Goa on 24<sup>th</sup> February, 2018.

3. Thirty Three faculties from our College *attended* the event '**Nobel Prize Series, India 2018**' (the Nobel dialogue) organized by Media AB, Department of Biotechnology, Govt. of India and Department of Science and Technology, Govt. of Goa at Kala Academy, Panaji, Goa on 2<sup>nd</sup> February, 2018.
4. Rishikesh Mishra (2017) *attended* in two days All India Literary Meet '**SANGAMAN**' jointly organized by Konkani Bhasha Mandal, Margao, Goa and Sangaman, Uttar Pradesh held at Ravindra Bhavan, Margao, Goa on 7<sup>th</sup> and 8<sup>th</sup> October, 2017.

## ANNEXURE VIII

### **ORGANIZED CONFERENCES AND SEMINARS, 2017-18**

#### **National:**

1. The Department of Economics in collaboration with All India Progressive Forum (AIPF), Delhi organized an ICSSR Western Regional Centre, Mumbai, sponsored *National Level Seminar* on, **‘Globalization, Finance Capital and Markets: Impact on India’** held from the 1<sup>st</sup> to 3<sup>rd</sup> December 2017 in the College.
2. The Department of English organized **“eng.age 1.0”**, a Two Day *National Conference* on **‘Contemporary and Modern Trends in English Literature and Language’** from 2<sup>nd</sup> to 3<sup>rd</sup> April, 2018 in our college. The Chief Guest was Shri. *Mahabaleshwar Sail*, Saraswati Samman Awardee, 2016 and keynote speaker was Dr. Bhagyashree Varma, Professor, Department of English, University of Mumbai.
3. Department of Geography in collaboration with Department of Geography, Dahiwadi College, Dahiwadi, Satara, Maharashtra organized a *National Seminar* on **‘Emerging Technologies in Remote Sensing and GIS – It’s Development and Applications’**, on 3<sup>rd</sup> February 2018.

#### **State / Regional:**

1. The Department of Botany organized two days Department of Science, Technology and Environment, Department of Tourism, Department of Agriculture, Adventz- Zuari Agro Chemicals and Turbosketch sponsored *Western Regional Seminar* on **“Frontiers and Innovations in Plant Sciences”** on 16<sup>th</sup> & 17<sup>th</sup> March, 2018. Prof. Dr. Prabhat Kumar Sharma, Department of Botany, Goa University was Chief Guest and key note speaker.

### **ORGANIZED WORKSHOP, 2017-18:**

1. Department of Computer Science organized a *National Level Hands on Training workshop* on **“TechWeek 2017”** for faculty and students of various Colleges from Goa and Karnataka from 7th to 12th August 2017.
2. Department of Geography in collaboration with Department of Geography, Laxmibai Sitaram Halbe College, Dodamarg, Sindhudurg, Maharashtra organized a *National Workshop* on **‘Geospatial Technologies for Earth Resources Management’**, on 17<sup>th</sup> March 2018.

### **State:**

1. The Internal Quality Assurance Cell (IQAC) and the Chowgule Centre for Teaching Learning of the College organized a two day *State level workshop* on '**Flipped Learning**' on 8<sup>th</sup> & 9<sup>th</sup> November, 2017. Resource Person was Dr. Vasudha Kamat.
2. The Department of Konkani organized a One Day *State Level Workshop* on the topic "**Konkani Shuddhalekhan ani Konkani Adhyapan**" for HSS teachers and students on 31<sup>st</sup> January, 2018. A total of 10 teachers and 40 students from institutes all over Goa attended the workshop.

### **Regional / Institutional:**

- d. The Department of Konkani organized a two days *Workshop* on "**Konkani Shuddhalekhan**" for Konkani Students on 28<sup>th</sup> & 30<sup>th</sup> June, 2017.
- e. Department of Konkani organized a *special workshop* on "**Devanagari Typing**" for the First Year students of the Konkani Department on 7<sup>th</sup> & 8<sup>th</sup> July, 2017.
- f. The Dean, Faculty of Sciences organized *workshops* on "**Chowgule Youth Entrepreneurship**" for the T.Y.B.Sc. Students in two batches i.e. on 5<sup>th</sup> July and 12<sup>th</sup> July 2017. The workshop was attended by total 134 students.
- g. Dean, Faculty of Languages and Literature organized a *workshop* on "**Translation Skills**" for the Languages and Literature departments of our college on 22<sup>nd</sup> July 2017. Resource person was Dr. Kiran Budkuley.
- h. The Department of Computer Science organized a *workshop* on "**Internship: Benefits and Opportunities**" for F.Y.B.Sc. Computer Science students on 3<sup>rd</sup> August, 2017.
- i. Department of Computer Science organized a workshop on '**Agile Methodology**' during TECHWEEK 2017-18 on 11th August 2017.
- j. The Department of Psychology organized three days *workshop* on "**Primary Data Collection**" for the students was held on the 5th, 12th & 19th of August, 2017. Resource Person for the workshop was Ms. Urvita Bhatia from Sangath.
- k. The Student Support Service (Career and Personal Counseling Centre) organized a *workshop* on "**Career Guidance and Effective Study Skills**" for three Higher Secondary Schools in South Goa on 12th August 2017.
- l. Department of French organized a *workshop* on '**Use of Multimedia in Classrooms**' conducted by Miss. Natasha Gomes, Faculty from Department of French - Goa University for teachers on the 12<sup>th</sup> August 2017.
- m. The Department of English in collaboration with Goa Writers organized a one day *workshop* on "**Creative Writing in Short Story**" held on 17<sup>th</sup> August, 2017. The Resource Person was Ms. Jessica Falleiro, an internationally recognized novelist and a short story writer.

- n. The Department of Computer Science organized 10 days *workshop* on “**Scratch-Block Based Programming**” for the PGDCA students in the month of September, 2017.
- o. The Department of Computer Science organized a *workshop* on '**Improvement in Academic Performance**' for T.Y.B.Sc. Computer Science students on 27th September, 2017.
- p. The Department of Zoology organized a *workshop* on '**Identification of Butterflies**' on 25<sup>th</sup> September, 2017.
- q. The Department of Physics organized a one day *Interdisciplinary Workshop* on “**Introduction to Numerical Techniques and Python Programming**” on 4th October 2017.
- r. Dean, Faculty of Languages and Literature organized a Workshop on “Stress Management” for our college faculties on 12<sup>th</sup> October 2017. Resource Person was Mr. Clifford De silva, Goa Institute of Counseling.
- s. The College organized a *workshop* on '**Conflict Mediation**' conducted by Ms. Ana Martins, (Psychologist) in two batches: Batch I: 23<sup>rd</sup> - 27<sup>th</sup> October & Batch II: 30<sup>th</sup> October - 3<sup>rd</sup> November, 2017.
- t. The College organized a *workshop* on '**Research Publication Data Management**' for the faculties on 25<sup>th</sup> October, 2017.
- u. The College organized a *workshop* on '**Zero Based Budgeting**' conducted by Dr E.Mericio Travassos, Vice Principal and Head of the Department of Economics on 28<sup>th</sup> October, 2017.
- v. The Department of Computer Science organized *workshop* on '**Application Development using VB. NET**' for SYBSc Computer Science students, on 27<sup>th</sup> November 2017.
- w. The Department of Computer Science organized *workshop* on "**Blender**" for students of F.Y.B.Voc. on 13<sup>th</sup>- 14<sup>th</sup> November, 2017.
- x. Dean, Faculty of Sciences through the Department of Computer Science organized a *workshop* on '**Ideation**' at CIBA, Verna for Students of Department of Computer Science on 9th January, 2018.
- y. The College organized a *workshop* on “**Conflict Mediation**” conducted by Prof. Patrick McNamara, Director of International Studies and Programme, University of Nebrasaka, Omaha for the staff members on 3rd January, 2018.
- z. The Department of Computer Science organized Hands-on workshop on "**PHP CodeIgniter Framework**" for MSc.IT students on 6th January 2018.
- aa. The Department of Geography organized a *workshop* on “**Mapping of Urban Neighborhoods**” for students of MA Geography Part II on 12th January, 2018. Resource Person was Ms . Kata Murányi, Institute of Geography, University of Pécs, Hungary.
- bb. The Department of Geology organized two days *GIS* workshop on “**Learn to create your first map**” for Geology students on 23<sup>rd</sup> - 24<sup>th</sup> January 2018.
- cc. The Department of Sociology organized a *workshop* on "**Introduction to Qualitative Research Methods**” conducted by University of Porto. Dr. Paula Tavares, Associate Professor, University of Porto, Portugal from 01st - 07th February, 2018.

- dd. Department of French organized a *workshop* on “**Culinary (Discovering French culinary secrets)**” conducted by Ms. Charlene Weiss - Director of Alliance Française- Goa, on 22 February 2018.
- ee. Our College through Department of Psychology in collaboration with Academy of Solution focused Approaches and Research (ASFAR) India, organized a two days workshop on ‘Solution Focused Practices’ on 10th & 11th March, 2018. Resource Person: Dr. Jaseem Korrankot, Clinical Psychologist.

## **TALKS**

1. The Department of Economics organized a *subject talk* on “**Theoretical aspects of Marxism and relevance of Marxism in today’s liberalized world**” by Ajit Abhyankar on 1st July 2017. Around 80 - 90 members including students and faculties attended the session.
2. The Department of Psychology organized a *Talk* on ‘**Career**’ by Clinical Psychologist Ms. Uchita Raiturkar for students of Psychology on 29<sup>th</sup> July, 2017.
3. The Department of Computer Science in collaboration with CIBA organized a *Talk* on ‘**Incubation Centre**’ by Mr. Amey Karmali, Manager, CIBA for the Students of department on 19th July, 2017.
4. The Department of Physics organized a *talk* on “**Interplay between Robotics and Marine Science**” by Prof. Pramod Kumar Maurya Senior Scientist, Division of Marine Instrumentation, National Institute of Oceanography, Dona-Paula, Goa, on 23<sup>rd</sup> September 2017.
5. The Department of Marathi on the occasion of ‘Lokmanya Tilak Punyatithi’ organized a *special talk* on ‘**Lokamanya Tilak’s Contribution in Social and Political Field**’ by Dr. Avinash Avalgaonkar, Head, Department of Marathi, Savitribai Phule Pune University, on 1<sup>st</sup> August 2017.
6. The Department of Biotechnology organized an *interactive talk* on ‘**Global opportunities in Biotechnology**’ by Mr. Shane Quadros, (Alumnus of our college) for the students on 20<sup>th</sup> January, 2018.
7. The Department of Physics organized a *subject talk* on “**Relativity of Simultaneity**” by Dr. A.V. Kulkarni, Professor, Department of Physics, K. K. Birla Bits-Pilani, Goa Campus, Goa for the Physics Students on 26<sup>th</sup> February, 2018.
8. The Department of Economics organized a *subject talk* on ‘**Introduction to Goods and Services Tax**’ by C.A., C.S. Yatish G. Pal-Vernekar, Practicing Chartered Accountant from Panjim, Goa on 7<sup>th</sup> March, 2018. The lecture was organized with an objective to familiarize students about the basic aspects of the most important reform in the field of Indian Taxation that is, Goods and Services Tax Law including GST. Total 80 students attended.

9. The Department of Computer Science organized a *talk* on **“Planning and Maintaining the Enterprise Network – Industry approach”** for PGDCA students on 7<sup>th</sup> April, 2018. Guest Speaker was Mr. Mithun Kanji, Manager IT and Infrastructure Creative Capsule Infotech India Ltd. He emphasized on different approaches used for designing, setting up and maintaining a network based on the needs of the organization.
10. The Department of Computer Science organized a *talk* on **“Start Your Startup”** by Mr. Rohir Naik, founder and CEO at Third Eye Technologies, Ponda, for the students of Computer Science Department held on 17<sup>th</sup> January 2018.
11. The Department of Geology organized two days *GIS workshop* on **“Learn to create your first map”** for Geology students on 23<sup>rd</sup> - 24<sup>th</sup> January 2018.

### **OTHER PROGRAMME/ACTIVITIES ORGANIZED / DEPUTED BY COLLEGE**

1. The Department of Psychology organized annual discussion forum on **“Anger Management”** held on the 22<sup>nd</sup> August, 2017. The speakers for the forum were Adv. Kautuk Raikar, Dr. Belinda Mueller and Dr. Venkatesh Hegde.
2. The College in collaboration with Goa Institute of Public Administration and Rural Development (GIPARD), Ela, Old Goa, organized One Day Awareness Programmes on **“Malnutrition, Anemia and Alcoholism”** for Anaganwadi Workers on 9<sup>th</sup> August 2017, 11<sup>th</sup> August 2017 and 1<sup>st</sup> September 2017.
3. The college in association with the Goa Forest department organized an **‘Intercollegiate Quiz Competition’** as a part of the “66<sup>th</sup> Wildlife Awareness Week “on 4<sup>th</sup> October, 2017.
4. The college organized **Centenary celebration of Prof. D.B. Wagh**, the first Principal of our college, Director of the Post Graduate Centre of Bombay University in Goa who was an educationist, philanthropist and an able administrator, was held on 4<sup>th</sup> November, 2017.
5. The Department of Computer Science organized two days session on **“Features of Google Classroom”** for the College faculty on 18<sup>th</sup> December, 2017. The resource persons were Mr. Castor Godinho and Mr Wendham Gray, Department of Computer Science.
6. The College in association with Don Bosco College of Engineering and Entrepreneurship Development Institute of India (EDII) organized a three days **‘Entrepreneurship Awareness Camp’** from 26<sup>th</sup> to 28<sup>th</sup> January, 2018.
7. The College in association with Victor Hospital, Margao organized a *Health Talk* on **“Health tips to prevent Gastrointestinal and Liver disease”** by Dr. Jose Filipe Alvares - Consultant Department of Gastroenterology on 31<sup>st</sup> January, 2018. He said that all the diseases related to the various organs related to our digestive track could be easily avoided if one pays attention to his/her hygiene and food choices. He also stressed on making healthy food choices.

8. Dean, Faculty of Languages and Literature organized a session on **“Sharing Multimedia Innovative Techniques/ Technologies used in Teaching Methodologies”** for all Languages and Literature faculties on 22<sup>nd</sup> February, 2018. Sixteen faculties attended.
9. The Dean, Faculty of Sciences organized *Faculty Orientation Programme* on **“Entrepreneurship”** for the College faculties on 15<sup>th</sup> February, 2018. The Resource Person was Mr. B.S. Rivonkar, Ex-Director of Centre for Entrepreneurship Development of Karnataka (CEDOK) & IIT, Suratkal.
10. Deans, Faculty of Science, Social Sciences , Languages and Literature, observed the **“National Science Day or Prerna Diwas”** from 27<sup>th</sup> February, 2018 to 1<sup>st</sup> March, 2018, to commemorate the discovery of the ‘Raman Effect’, a Nobel Prize winning discovery by Sir C.V. Raman. The T.Y B.A./B.Sc. students shared their innovative project ideas with their juniors. Total 99 T.Y. projects were displayed and more than 374 First and Second year students and approximately more than 80 staff attended the programme.
11. Dean, Faculty of Sciences along with the Governing Body nominee of Academic Council and the founder of IMMO Information Technology Pvt. Ltd., Panjim, Goa, organised an *interactive session* on **“Curriculum Design in Accordance with the Needs of the Industry”** on 17<sup>th</sup> February, 2018 in the College. A total of 10 faculty of the College attended the session.
12. The College organized a session on **“Plagiarism in Academic Writing”** for faculty members of college on 23<sup>rd</sup> April, 2018. The Resource Person was Dr. Gopakumar V., University Librarian, Goa University.
13. Department of Computer Science organized a **‘Summer Camp’** for autistic children from 17<sup>th</sup> to 27<sup>th</sup> April, 2018.
14. Students Support Service (Career and Personal Counseling Centre) organized three days **'Career Camp'** for students studying in class X, XI and XII from different streams on 19<sup>th</sup> , 20<sup>th</sup> & 21<sup>st</sup> April, 2018.

ANNEXURE IX

## **RESEARCH RELATED ACTIVITIES, 2017-18**

### **PAPER PRESENTATIONS, 2017-18: 34**

- a. International: 15
- b. National: 18
- c. State: 01

#### **International Level: 14**

1. At the sixth *International Conference* of the Union of Geographic Information Technologists (UGIT) on the theme ‘Climate Change and Sustainable Water Resource Management- Innovative Geo -Spatial Solutions’ organized by Department of Geography, Bangalore University from 9<sup>th</sup> to 11<sup>th</sup> November 2017 following members presented:
  - i. Gaikwad S. (2017) ‘**Evaluating Impact of Breach of Bunds on Association of Mangroves and Khazan Land of Divar Island, Tiswadi, Goa-India**’.
  - ii. Kumar E. K. (2017) ‘**Spatial Patterns of Soil Organic Carbon Stock from Agro-Ecosystems in Salcete Taluka of Goa**’. Was awarded the ‘Best Paper Presentation’ for his paper.
2. At *International Training Conference* on “Brief Psychotherapies”, at Institute of mental health and Neurosciences, Calicut, Kerala-India from 20<sup>th</sup> to 23<sup>rd</sup> December, 2017; the following faculties presented their papers:
  - i. Babu A. M. (2017) ‘**Time Effective Psychosocial Interventions in Sexual Abuse**’.
  - ii. Dasilva B. (2017) ‘**Women a subject of Offense: A review of Literature**’
3. Cardozo R. (2018) ‘**Syncretic Religious Practices and Cultural Agglomeration: A Case Study of Catholics in Goa**’, at *International Conference* on ‘Religion, Literature and Culture’ organized by Higher Education and Research Society in Collaboration with Dnyansagar Institute of Management and Research- Pune on the 15<sup>th</sup> and 16<sup>th</sup> September 2017.
4. Fernandes E. (2017) ‘**Why are students silent in class? Including the excluded voices**’ at the *international conference* on ‘Sustainable development Goals’ organized by FATER Academy and Fr. Agnel Collge –Pilar on 3<sup>rd</sup> to 5<sup>th</sup> November 2017.
5. Desai A. M. (2018) poster presentation on “**Teaching One-Dimensional Time Independent Schrödinger Equation using Spreadsheet**” at the 7<sup>th</sup> *International Conference* to review research in Science, Technology and Mathematics Education (epiSTEME-7) organized by the Homi Bhabha Centre for Science Education, a National Centre of the Tata Institute of Fundamental Research, Mumbai which was held during 5<sup>th</sup> – 8<sup>th</sup> January, 2018.

6. Gaikwad S., Kumar E. K and Gude S. (2018) poster presentation '**Spatial Patterns of Soil Organic Carbon Stock in Different Land Use System in Salcete Taluka of Goa**' at *Multidisciplinary International Conference* on 'Green Earth: A Panoramic View' organized by Department of Botany, VPM's B. N. Bandodkar College of Science, Thane in collaboration with Birbal Sahani Institute of Palaeosciences, Lucknow and Bombay Natural History Society (BNHS), Mumbai on 12th & 13th January, 2018.
7. Moraes S. S. (2018) "**The Goan Diaspora and Caste Dynamics in Goa: A Structuration Approach**" at the *International Conference* on 'Transnationalism, Diaspora and Culture in the Age of Globalization' organized by the Centre for the Study of Diaspora, Central University of Gujarat-Gandhinagar, in Collaboration with ICSSR and Ministry of External Affairs-Government of India from 2<sup>nd</sup> February to 2<sup>3rd</sup> February, 2018.
8. Bhat G. (2018) "**The Egalitarian 80s: Goa, PSU and Street Play Protest**" at the *International Seminar* on "Literature and Protest" organized by the Department of English, University of Mumbai on 3<sup>rd</sup> February, 2018.
9. At the *International Conference* on 'Advanced Research in Life Sciences' held at Karad, Maharashtra, India on 26<sup>th</sup> & 27<sup>th</sup> March, 2018 Three faculty from Biotechnology Department presented following papers:
  - i. R. Kanchana (2018) oral presentation on '**Green Synthesis of Multifunctional Nanoparticles**'
  - ii. Liesl De Silva (2018) poster presentation on '**An Investigation Into The Effect of Natural Extracts Against Acne-Causing Bacteria**'
  - iii. Vallanka Dias (2018) poster presentation on '**A Study on Biofuels**'.
10. Sawant N. N. and Adsul S.S. (2018) jointly presented "**Goa's Urban Landscape does it retain Lusophone Identity**" at the *International Scientific workshop* on "Urbanization and Regional Development in Russia and Europe" at RUDN University, Moscow -Russia on 19<sup>th</sup> & 20<sup>th</sup> April, 2018.
11. Fernandes NV & Sawant NN (2018). "**Changing and Expanding Role of Teachers in Higher Education from 'Information Dispenser' to 'Managers of learning'**". Presented at the *International Conference* on "Role of Teachers in the 21<sup>st</sup> Century: Opportunities and Challenges", organised by M.P Shah Women's College, Matunga, Mumbai on 21<sup>st</sup> April, 2018, thereafter published in journal.

#### **National Level: 18**

1. Gaikwad, S. D., Eripogu, K. K., Gavade S. & Kamat, N. (2017) poster presentation '**Quantification of Soil Organic Carbon From Mangrove Habitats of Goa**' at the Silver Jubilee *National Conference* on 'Mangrove Ecosystem' organized by Mangrove Society of India and National Institute of Oceanography (NIO) on 26<sup>th</sup> to 27<sup>th</sup> July 2017 at NIO, Dona Paula-Goa.

2. Mishra R. (2017) '**Arun Kamal Ki Kavtaon Mein Jan Pakshadharta**' in Two Day *National Seminar* on 'Nayee Sadi Ki Kavita : Chetna Ke Naye Swar' jointly organised by R. J. College of Arts, Science and Commerce, Ghatkopar (W), Mumbai and Maharashtra Rajya Hindi Sahitya academy, Mumbai on 11<sup>th</sup> & 12<sup>th</sup> August 2017.
3. Gaikwad S. and Kumar E. K., Pereira U., Gavade S., Kamat N. (2017), "**Quantification of Soil Organic Carbon and Physico-Chemical Properties of *Excoecaria agallocha*, *Aegiceras corniculatum* and *Acanthus ilicifolius* from Dr. Salim Ali Bird Sanctuary, Chorao island of Goa**" at the *National Conference* on "Reaching the Unreached through Science and Technology" with the focal theme "Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health, and Environment" organized by Mangalore University in collaboration with Indian Science Congress (ISC), on 8<sup>th</sup> and 9<sup>th</sup> September, 2017.
4. Chopdekar H. C. (2017) "**Konkani Pravaas Lekhan: Ek Chikitsak Niyaal – Bailaanee Kellya Lekhan Pravaasa Sandarbhan**" at the *National Level Seminar* jointly organized by Sahitya Akademy and Fr. Agnel College, Pilar on 15<sup>th</sup> December, 2017.
5. Jatal P., (2017) 'Kinnar Vimarsh Aur Post Box Number 203, Nala Sopara' in a One Day *National Seminar* on 'Samkalin Hindi Sahitya: Vividha Vimarsha' organised by Gomantak Rashtrabhasha Vidhyapith, Margao-Goa on 17<sup>th</sup> December, 2017.
6. Kunkalekar R. K. (2018) poster presentation "**Synthesis of nano-catalysts by facile route for sustainable hydrogen generation from alkaline sodium borohydride solution**" in the Conference on advances in catalysis for energy and environment (CACEE-2018) held at Tata Institute of Fundamental Research (TIFR), Mumbai on 10<sup>th</sup> – 12<sup>th</sup> January 2018.
7. At *National Conference* on 'Quality Enhancement in Higher Education', organized by MES Abasaheb Garware College, Pune, from 23<sup>rd</sup> – 24<sup>th</sup> January, 2018; Following paper were presented:
  - i. Sawant, N.N. (2018) '**Degree or Skills: Challenge for Higher Education in India**'.
  - ii. Sawant N.N., Ferro A., Desai A. G. and D'Souza D. (2018) "**Collective Critical Cartography- A Tool in Geographical Study**".
8. Motankar M. M. along with five Third year B.Sc. Biotechnology student (2018) *attended* Poster presentation on "**Innovative health-based products using Citrus maxima**" at the *National Seminar* on 'Innovation, IPR, Entrepreneurial Opportunities in Biotechnology' held at Sir M. Visvesavarya Institute of Technology, Bangalore India from 29<sup>th</sup> to 31<sup>st</sup> January 2018.
9. Gonsalves L. (2018) "**Synthesis, Characterisation and Application of Nanoparticle Oxides**" at the 3<sup>rd</sup> *National Conference* on 'Emerging Trends in Chemistry and Material Science (ETCM)', Gogte Institute of Technology, Belagavi on 24<sup>th</sup> February, 2018.
10. Advilkar S. (2018) "**Tisarya Sahasrakarambhiche Gomantakiya Marathi Natak**" in two days *National Level Seminar* on 'Tisarya Sahasrakarambhi Bharatiya Natya Ani Natak' organised by the Department of Marathi, Government College of Arts, Commerce & Science, Quepem-

Goa in collaboration with Sant Sohirobanath Ambiyé Adhyasan, Goa University on 19<sup>th</sup> & 20<sup>th</sup> February, 2018.

11. Coutinho S. (2018) **“Professionalization of Higher Education in India: Are We Socially Responsible?”** at the *National Conference* on ‘Making Higher Education Truly Inclusive: Challenges and Prospects’ organized by Department of Social Work, Rani Chennamma University, Belagavi, in association with Karnataka State Higher Education Council, Bengaluru on 28<sup>th</sup> February, 2018.
12. Barreto A. (2018) **“Student Evaluation Systems for the 21<sup>st</sup> Century”** at the one day *National Seminar* on “Revisiting Higher Education, Culture Studies, English Language and Literature Teaching’ organized by Cuncolim Educational Society’s College of Arts and Commerce, Cuncolim on 24<sup>th</sup> March, 2018.
13. The following faculty presented papers at “eng.age 1.0” the two days *National Conference* on ‘Contemporary and Modern Trends in English Literature and Language’ on 2nd & 3<sup>rd</sup> April, 2018:
  - i. Fernandes Da Costa S. (2018) **“Identity Crisis in Jhumpa Lahiris’ the Namesake”**.
  - ii. Barreto A. (2018) **“Teaching English in the 21<sup>st</sup> Century”**.
  - iii. Bhat G. (2018) **“Literature in Motion: Silence! The Court is in Session from Page to Stage”**
  - iv. D. Pacheco (2018) **“One stage, one life: Women in and out of the spotlight of Konkani Tiatr”**
14. Cardozo R (2018) **“Rural Women and Higher Education: Opportunities and Interventions** ‘at the *National Conference* on ‘Making Higher Education Truly Inclusive: Challenges and Prospects organized by the Department of Social work at Rani Channamma University, Belagavi.

#### **State Level: 01**

1. Kunkalekar R. K. (2018) poster presentation **“Zinc oxide nanomaterial synthesis by facile route, its characterization and application”** in the Twenty first DAE-BRNS symposium on thermal analysis held at Department of Chemistry, Goa University, Goa on 18<sup>th</sup> – 20<sup>th</sup> January 2018.

#### **Others:04**

1. The following faculties presented their respective projects in the State level Inter – College exhibition of research based projects, organized by the Department of Microbiology, held at Ravi S. Naik College of Arts & Science Farmagudi, Ponda, Goa on 19<sup>th</sup> August, 2017:
  - i. D’Costa L. (2017) **“Production of citric acid from fruit waste using the microorganism *Aspergillus niger*”**

- ii. Dias V. (2017) **“Isolation and Chemical Characterization of Bacterial Extracellular Polymeric substances”**
- iii. Mesquita S. (2017) **“Feather degradation by keratinophilic bacteria”**

## **PAPER PUBLICATIONS 2017-18: 34**

- a. **International: 14**
- b. **National: 11**
- c. **State: 04**
- d. **Papers Published as Proceedings: 05**

### **International: 14**

1. Moraes S.S. (2017) **“International Migration, Goan Diaspora and the Caste Dynamics in Assolna, Verna and Cuncolim (Goa)”**, *International Journal of research in Social Sciences*, vol. 7 issue 8, August 2017. ISSN: 2249-2496. Impact factor: 7.081. Peer Reviewed Refereed Open Access International Journal.
2. R. Kanchana and Bhat B. (2017) **“Exploring the Potentials of Marine Resources for the Synthesis of Nanoparticles”**, *World Journal of Pharmaceutical and Medical Research*, 3(8): pp.187-190.
3. Gaikwad, S.D., Kumar, E.K. & Gude, S. (2018). **‘Spatial Patterns of Soil Organic Carbon Stock from Agro-Ecosystems in Salcete Taluka of Goa’**, *Proceeding of Multidisciplinary International Conference on Green Earth: A Panoramic View*, pp. 277-280.
4. R. Kanchana and Zantye P. (2018). **“Synthesis, Characterization and Applications of Biogenic Iron Oxide Nanoparticles”**, *International Journal for Research in Applied Science & Engineering Technology*, 6 (III):709-716.
5. Kanchana R., and Fernandes A. (2018). **“Green Synthesis of Multifunctional Silver Nanoparticles”**, *World Journal of Pharmaceutical Research*, 7 (8); 1173-1181.
6. Ghanti S. and Naik G. M. (2018) **“A Defense Techniques of SYN Flood Attack Characterization and Comparisons”**, *International Journal of Network Security*, 20, (4); 721-729.
7. Falleiro S. (2018). **“Engagement Tool for Evaluating Learning in an Open and Distance Learning Environment”**, *Global Journal for Research Analysis*, 7,(2); 2018,pp.10-11. ISSN NO 2277 – 8160. Impact Factor of 5.156 & Index Copernicus Value : 85.78
8. Sawant N. N., Malve V. and Desai M. (2018) **“Intra and Inter regional Mobility of Populace of South Asia: Issues and Challenges”**, *International Journal of Social Science and Humanities Research*, 6(1); 480-487.

9. R. Kanchana (2018) **“Value Added Food Products from Under-Utilized Soy Beans and Millets – From Laboratory to Industry”** *International Journal for Research in Applied Science & Engineering Technology*, 6 (III):2183-2188.
10. Pai R., Vinavi G. and Sankhalkar S. (2018) “Exogenously Supplied Rhizobium Induced Nodulation In *Vigna Unguiculata*”, *IJIRAS*, Vol. (5), Issue 2, pp. 263 - 268. ISSN: 2394-4404.
11. Masur U., Kumari P. H., Gokhale K. and Sangodkar U.M.X. (2018) **“Genetic relationships in *Tylophora* species of Goa as revealed by simple sequence repeats (SSR) and inter simple sequence repeats (ISSR) pooled with Random amplification of polymorphic DNA (RAPD)”**. *Int J Pharma Bio Sci*, 2018 January;9(1):(B) pp. 257-264. ISSN: 0975-6299.
12. Miranda M. (2018) co authored a paper **‘Deformational features of intraformational paraconglomerate of the Palaeoproterozoic Sanvordem formation, Goa Group indicates a brittle - ductile dextral shear’**, *International Journal of Geomatics and Geosciences*. Volume 8, No. 1, 2018.
13. Nadkarni, A., Weiss, H. A., Naik, A., Bhat, B. and Patel, V. (2016). **“The six-year outcome of alcohol use disorders in men: A population based study from India”**, *Drug and Alcohol Dependence*, Vol. 162, Pp. 107-115. doi:10.1016/j.drugalcdep.2016.02.039, ISSN: 0376-8716 (print); 1879-0046 (web), Impact Factor: 3.278 (2013), peer reviewed.
14. Nadkarni A., Endsley P., Bhatia U., Fuhr D. C., Noorani A., Naik A., Murthy P. and Velleman R. (2016) **“Community detoxification for alcohol dependence: A systematic review”**, *Drug and Alcohol Review*. doi: 10.1111/dar.12440. [Epub ahead of print], Online ISSN: 0959-5236 (print); 1465-3362 (web), Impact Factor: 2.822, peer reviewed.

#### **National: 11**

1. Devli, M. and Kotha, M. (2017) **“Paleocurrent, Deformation and Geochemical Studies of Lower Part of the Bagalkot Group of Kaladgi Basin at Ramthal and Salgundi: Implications on Sedimentation History”**, *Journal of Indian Association of Sedimentologists*. ISSN: 0970-3268.
2. Chopdekar H. C. (2017) **“Mahabaleshwar Sailaanchi Saraswati Sanmaan Praapt Konkani Kaadambari Haavthan: Sammaj, Samaajman Anni Mithake”**, *National Journal of Literary Research*, 2017, 01 vol. 09 issue. ISSN: 2240-2490.
3. Chopdekar H. C. (2017) **“R. Ramnath Haanche Kavitetlo Chintansheel ani Naastik Swar-Uttarardh”**. *National level Journal ‘BIMB’*. Issue 11, year 16, December, 2017, Goa Pp 24-32.
4. Chopdekar H. C. (2017) **“1967 cho Opinion Poll : Ek Samaajvidhnyaneek Molaavnii”**. *National Journal of Literary criticism ‘JAAG’* published by Jaag Publication, Priol Ponda, December, 2017. Pp 24-32.

5. Chopdekar H. C. (2017) **“Konkani Pravaas Lekhan Ek Shikitsak Niyaal – Baylaani Kellya Lekhan Pravaasachya Sandarbhan”**, ‘BIMB’, Issue 12, year 16. National level Journal published by *Bimb Prakashan. Panjim, Goa*. January, 2018, pp.17.
6. Da Silva, B., Prabhudessai, R., Bakhle, E. and Khan, J. (2018) **“An Association between Stress, Lack of Sleep and Performance at an Organizational Level: A Critical Review”**, *Stress Management Professional*, Volume 6, No.1, January to June 2018.
7. Fernandes N.V. and Sawant N. N. (2018). **“Changing and Expanding Role of Teachers in Higher Education from ‘Information Dispenser’ to ‘Managers of learning’ ”**. *Ajanta*, 7(2); 84-90. ISSN 2277-5730.
8. Motankar M. (2018) **“Neurolysin - a mitochondrial precursor drug target ligand analytics”** *Journal of Bioinformatics and Computational Biology*. Impact factor: 0.80 and Scopus H-Index: 36. (Submitted)
9. Prabhudessai, R., Bakhle, E., Khan, J., & Da Silva, B. (2018). **“An Association Between Stress, Lack of Sleep and Performance at an Organizational Level: A Critical Review”**, *Stress Management Professional An International Journal*, 6(1), pp. 66-70.
10. Bugde S.T., Volvoikar P. S., Tilve S. G. (2018) **“Protecting-group-directed regio- and stereoselective oxymercuration-demercuration: Synthesis of piperidine alkaloids containing 1,2- and 1,3-amino alcohol units”**, *Synthesis*, 2018, 50, pp. 1113-1122.
11. Belurkar, R. S.; Yadawe, M. S. (2018) **“Analysis of heavy metals in lipstick by the various physiochemical and instrumental methods”**, *J. Applied Chem*, 2017, 10, pp.1-6.

#### **State: 04**

1. Chopdekar H. C. (2017) **“Konkani Cinema ‘Aalisha’ ani Irani Cinema ‘Daughter’: Duv and Sun hya Natesabhandantlian Sthrimanachi Vaishweek Gusmat Mandpi Kalaakruti”**, ‘Bimb’ (Research Journal), Volume 6, pp 38, August 2017 Edition.
2. Chopdekar H. C. (2018) **“Konkani Kavitetlem Asturechem Bhavwishwa”**, ‘Bimb’, Volume 3, Pp 38.
3. Chopdekar H. C. (2018) **“Konkani Kavitetli Samaajik Jaanvikai”**, ‘Bimb’, Volume 04, Pp 24.
4. Barad S. (2018) **“Just for you”** (a Konkani short story), ‘Bimb’, Volume 04, Pp28.

#### **PAPERS IN PROCEEDINGS: 05**

1. Miranda M. A., and Viegas, A. (2017) **“Microstructures of Chandranath and Insuli Granites from Western Dharwar Craton, India: A Comparative Study of their Deformational History”**. *Hutton India Conference 2016*, Proceedings Volume, pp. 139-148.
2. Dias, M., Prabhudessai, R., Khan, j., & Da Silva, B. (2017). **“Women a subject of offence- A review of Literature”**, in the international training conference in ‘Brief Psychotherapies 2017 and

the annual meet of association for solution focused practices –India’, 172-182. ISBN: 978-81-936027-0-6.

3. At the Late Dr A.P.J Abdul Kalam Conference held at Fr. Agnel College of Arts and Commerce, Pilarorganised by C.R.E.S.T - Centre for Research and Excellence between Society and Technology on 1<sup>st</sup> September, 2017; the following papers was accepted for publication in the proceedings of the conference:
  - i. Bicholcar, A. D. & Fernandes, D. R. (2017) **‘Urbanization and Slum: A Question of Livability’**.
  - ii. Gauns Desai A. & Sawant, N.N. (2017) **‘Communities and Livability: A Case Study of Verlem Village of Sanguem Taluka’**
  - iii. Kundaiker, V. & Sawant, N. N. (2017) **‘Exploitation of Resources – Disasters: A Question of Livability’**.

## **BOOK PUBLICATIONS, 2017-18**

### **Book Published: 03**

1. Adsul S.S. (2017) **“Bavan Kashi”**, Shashawat Publications, Kolhapur, (2017).
2. Adsul S.S. (2017) **“Simolangan”**, Shashawat Publications, Kolhapur, (2017).
3. Rochelle Pereira (2018), a collection of short stories for children, titled **‘Little Brave Nina and Other Short Stories’**.

### **Articles in Book: 06**

1. Travassos E.M. (2017) **“Business Model Innovations in Education”**, in edited book ‘Inclusive Growth the key to India’s Sustainable Development’, *Regal Publications, New Delhi*. Pp. 22-36 (ISBN 978-81-8484-671-3)
2. Tamuly R. (2017) **“Out of Pocket Expenditure on Health: A Case Study of Public Health Sector in Goa”**, in edited book ‘Inclusive Growth the key to India’s Sustainable Development’, *Regal Publications, New Delhi*. pp. 107-118 (ISBN 978-81-8484-671-3)
3. Sawant N.N., Shaikh A., Gokhale K. D. and Shetkar S. (2017) **“Emigration to Middle East and Satisfaction Index-A Case study of Muslim of Salcette taluka, Goa,”** article in Human Resource Mobility in South Asia (Ed), *GB Book Publishers, New Delhi*, pp. 141-150.
4. Sawant, N.N. & Rebello, C. (2017). **“Migration, Remittance and Ramifications in the context of Socio-Economic Development at Sending Destinations”** In Regional Migration and Development, New Delhi: G.B. Books. Pp. 69-79.
5. Chopdekar H. C. (2017) published two articles in Bhaangarbhuin, Sunday Special Edition, ‘Fomento Publications, Panjim Goa. Pg 06, dt: 7<sup>th</sup> January 2018 and pp. 06, dt: 28<sup>th</sup> January 2018 respectively:

- i. “Gwadalup Dias Hancho Jalsthal : Eka Sanvedansheel Kavichi Abhivyakti ” (गवादालूप हांचो जलस्थल – एका संवेदनशील कवीची अभिव्यक्ती) and
- ii. “AAdhiti Fadte Likheet Pisudlelyo Yaadi – Tarnya Manaachi Antareek Dwani Pratidwani” (आदिती फडते रचीत ‘पिसूडलेल्यो यादी’: तरन्या मनाची आंतरीक ध्वनी-प्रतिध्वनी).

### **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
4.	Ref:- F. No: PDF/2016/003707 dated 28.03.2017: National Post - Doctoral Fellowship	Dr. Purnima Singh	2018-20	192000		SERB	Ongoing

### **MINOR RESEARCH PROJECTS**

S.N.	Title of the project	Name of the Chief Investigator	Duration year	Sponsored by	Amount		Status
					Sanctioned	Received	
1.	DHE:No. 9/328/2016-17/SPSE-PP/DHE/230 dated 26/10/2017: ‘Synthesis of Naturally Occurring Cyclobutanes Through [2+2] Cycloaddition Reaction’	Sandesh Bugde	2017-19	Director of Higher Education (DHE), Alto, Porvorim-Goa	3,20,000/-	160000	ongoing
2.	Ref:-9/328/2016-17/SPSE-PP?DHE/2301 dated 26/10/2017: “Development of Functionalised Nanoparticle oxides for Gas Sensing and other Potential Applications.”	Lactina Regina Gonsalves	2017-19	DHE	310000	155000	ongoing

3.	Ref:-9/328/2016-17/SPSE-PP/DHE/2301 dated 26/10/2017: “Synthesis of ZnO nanomaterials and its catalytic and antibacterial applications”	Rohan K. Kunkalekar	2017-19	DHE	360000	180000	ongoing
4.	Ref:-9/328/2016-17/SPSE-PP/DHE/2301 dated 26/10/2017: “Molecular characterization of Dysoxylum binectariferum Hook.f. regenerated plants in vitro by RAPD, SSR and ISSR methods”.	Uma Masur	2017-19	DHE	350000	175000	ongoing
5.	Ref:- No.02/271/2017-18/RP/MINOR dated 10.01.2018: Male International migration and the experience in rural Goa.	Sachin Moraes	2017-19	ICSSR	250000	50000	ongoing

### **RESOURCES PERSONS, 2017-18: 40**

S N	Resource Person	Activity	Topic on	Organized by/ Venue	Date	Levels
1.	Dr. Nandkumar N Sawant, Principal	deliver a lecture	“Teaching Learning Methodologies ”	At Gogate Joglekar College, Ratnagiri	19 <sup>th</sup> August, 2017	National
2.	Mr. Castor Godinho, Department of B.Vocational	a lecture	"A Wonderful World of Open Source"	at the Government Multi Faculty College, Dharbandora, Ponda, Goa	21 <sup>st</sup> August, 2017	Regional
3.	Dr. Anagha Bicholcar, Department of Geography	One-Day Training Programme on ‘Malnutrition, Anaemia and Alcoholism’	Sessions on ‘Anaemia’ and ‘Alcoholism’	organized by Goa Institute of Public Administration and Rural Development (GIPARD), Ela, Old Goa for Village Panchayat Secretaries	5 <sup>th</sup> September 2017	State
4.	Ms. Sanas Shaikh, Department of Computer Science	a lecture	“Cloud Computing”	Rosary College of Commerce and Arts, Navelim	21 <sup>st</sup> September 2017	Regional
5.	Dr. Nandkumar N Sawant, Principal	National Seminar cum workshop on “Recent Trends in Human	Rethinking and Revisiting Human Geography : Approaches	organized by department of Geography, Savitri Phule Pune	22 <sup>th</sup> - 24 <sup>th</sup> September, 2017	National

		Geography”	And Perspectives	University, Pune		
6.	Dr. Nandini Vaz Fernandes, Department of Zoology	workshop on “Teaching Methodology”	findings on ‘Mutiple Mode of Teaching’ , Bloom’s Taxonomy and Problem based Learning	Gogate Joglekar	15 <sup>th</sup> September 2017	State
7.	Ms.Madhavi M. Motankar, Department of Biotechnology	Seminar	‘Entrepreneurs hip in Biotechnology’	Vidya Vikas Academy, Margao Goa	13 <sup>th</sup> September, 2017	Regional
8.	Dr. Nandkumar N Sawant, Principal	‘National Seminar cum workshop on ‘Recent Trends in Human Geography’	‘Re-Looking at Social Geography: Making IT Relevant and Applied’	organized by Department of Geography, SavitribaiPhule Pune University, Pune,	22-24 <sup>th</sup> September, 2017	National
9.	Mr. Rovnan Vaz, Department of Computer Science	workshop for students of Physics department	“Python Programming”	organised by Department of Physics of our college	4 <sup>th</sup> October, 2017	Institutional
10.	Mr. Wendham Gray, Department of Computer Science					
11.	Dr. Anagha Bicholcar, Department of Geography	One-Day Training Programme on ‘Malnutrition, Anaemia and Alcoholism’	Sessions on ‘Anaemia’ and ‘Alcoholism’	organized by Goa Institute of Public Administration and Rural Development (GIPARD), Ela, Old Goa at Government College of Commerce and Economics, Borda, Margao, Goa	17 <sup>th</sup> August 2017	State
12.					27 <sup>th</sup> October 2017	
13.	Dr. H. C. Chopdekar, Department of Konkani	State level Workshop on Creative Writing ( Short Story)	“Katha Anni Kavita Lekhan:Ek Kala”	organised by Department of Konkani and Marathi, Government College, Quepem	21 <sup>st</sup> August, 2017	State
14.	Mr. Abhishek Gudekar, Department of Computer Science	“Special Training in GIS for IMMO Infotech Pvt Ltd”	Web GIS	organised by Department of Geography of our college	21 <sup>st</sup> October, 2017	Institutional

15.	Mr. Julius Benjamin Mendes, Department of Economics	Deliver lectures for the students of Nihon University, Japan.	The module in Indian Economics course	at the Study India Programme(SIP)	7 <sup>th</sup> and 8 <sup>th</sup> December , 2017	Institutional
16.	Dr. H. C. Chopdekar, Department of Konkani- <i>Resource Person and Orator</i>	Celebration of 50 <sup>th</sup> Opinion Poll	Goem Aamchem Kitlem Jaala'	Organised by Jaag Prakashan and Ravindra Bhavan Margao, in Black Box	22 <sup>nd</sup> December 2017	Regional
17.	Dr. Nandkumar N Sawant, Principal	ICSSR sponsored 14 days capacity building workshop	'Review of Literature.'	organized by IGNOU, Regional Centre, Panaji, Goa		Regional
18.	Mrs. Kavita Borkar, Department of Psychology	seminar	'Effective Parenting'	organized by Ganpat Parsekar College of Education, Goa	23 <sup>rd</sup> of January, 2018	Regional
19.	Ms. Madhavi M. Motankar, Department of Biotechnology	deliver a lecture for Margao Government Industrial Training Institute, Borda, Margao, Goa	"Innovations – From Science to Solutions"	Organized VidnyanParishad, Goa		Regional
20.	Ms. Madhavi M. Motankar, Department of Biotechnology	deliver a lecture	Health and Ethnomedicines"	at Shree Mallikarjun College of Arts and Commerce, Canacona Goa.	10 <sup>th</sup> January 2018	Regional
21.	Mr. Mahesh P. Matha, Assistant Professor, Department of Computer Science (M.Sc. IT)	One-day hands-on workshop	"The Hibernation Framework"	at the Department of Computer Science, DMC, Assagao, Goa	24th January, 2018	State
22.	Nandini V.F, Department of Zoology	National Conference on "Coastal Wetlands of India"	"Life sans Mangroves – Unimaginable"	at RP Gogate College of Arts and Science, Ratnagiri Maharashtra	17 <sup>th</sup> & 18 <sup>th</sup> March, 2018	National
23.	Dr. Nandkumar N Sawant, Principal - <i>Keynote speaker</i>	on the occasion of Teachers' Day	"Education in the 21st Century: Indian Perspective and Goa's Reality"	at the Alem de Goa Lions Meet	17th September, 2017	Regional
24.	Shobhika Jaju, Department of	Symposium	Depression	organized by the Goa Naval Forces at Vasco	July, 2017	Regional

	Psychology -panelist					
25.	Dr. Rishikesh Mishra, Department of Hindi- Chief Guest	'HINDI SAPTAH'	on the global condition and possibilities of Hindi	of organized by NABARD Goa Regional office, Panaji	14th September 2017	Regional
26.	Dr. Rishikesh Mishra, Department of Hindi- Keynote speaker	'Mimansa' program on recently published story collection	'Fura ke Aansu aur Pighala hua Indradhanush' written by Jayashree Roy	organized by Institute Menezes Braganza, Panaji-Goa	21 September 2017	Regional
27.	Dr. Debasish Mazumdar, Department of Economics- Keynote address	National Conference	"Changing Contours of Welfare Programmes in India: Issues and Challenges"	Department of Studies & Research in Economics, Tumkur University	29th November, 2017	National
28.	Dr. Nandkumar N Sawant, Principal - speaker	International Conference on 'Environmental Changes and their Impact on Plants and Human Health'	'Perception of Climate Change: Impact and Adaptations of Agarian Economy in Rain-shadow Area of Maharashtra'	organized by St. Wilfred's P.G. College, Jaipur	15th – 17th January 2018	International
29.	Dr. Nandkumar N Sawant, Principal - Keynote speaker	National Conference on 'Water Management and Purification'	'Water Management in Context of Agriculture: Issues and Challenges of Sustainability'	organized by Mahatma Phule Mahavidyalaya, Pimpri, Pune	9th & 10th January, 2018	National
30.	Dr. Hanumant C. Chopdekar, Head, Department of Konkani -Guest Speaker	'8th Luis Menezes Braganza Lecture Series	"Opinion Poll and Socio-Political Identity of Goa"	organised by Institute Menezes Braganza, Panjim Goa, at IMB Panjim	12th January, 2018	
31.	Dr. Hanumant C. Chopdekar, Head, Department of Konkani - Chief Guest and Speaker	'Silver Jubilee Celebration of Aadpai Yuvak Sangh'		organised by Aadpai Yuvak Sangh, Aadpai, Ponda	26th January 2018	
32.	Dr. Rishikesh Mishra, Assistant Professor, Department of	two day International Seminar on 'Science and Literature'	'Samkaleen Kavita Ka Paryavarneey Sandarbh'	jointly organised by Birla College of Arts, Science and Commerce,	12th & 13th January, 2018	

	Hindi- Chief Guest			Kalyan; Kendriya Hindi Sansthan, Agra and Century Rayon, Shahad		
33.	Dr. Nandkumar N Sawant, Principal - Keynote speaker	National Seminar on 'Emerging Technologies in Remote Sensing and GIS – It's Development and Applications' at Dahiwadi, Maharashtra	'Geoinformatics: The Future of Geography – Are we prepared?' at	organized by Department of Geography, Dahiwadi College, Dahiwadi, Satara, Maharashtra and Department of Geography & Research Center, ParvatibaiChowgule College, Margao, Goa	3rd February 2018	
34.	Dr. H.C. Chopdekar, Head & Associate Professor, Depament of Konkani - Chief Guest	'154 Kaavya Maifeel Poets Meet'		organised by Gomant Vidya Niketan, Margao at Fomento Ampitheatre, Margao, Goa	21st April, 2018	
35.	Dr. H.C. Chopdekar, Head & Associate Professor, Depament of Konkani - Guest of Honour	Book Release function of Poet Dr. Sangeeta Mhapne entitled 'SthreeshaktiJanadevi' by Jait Prakashan		at Marcel	18th March, 2018	
36.	Mr. Andrew Barreto, Assistant Professor, Department of English - Panelist	In the Panel Discussion at the Two Day National Conference "The Role and Relevance of Media Ethics in Contemporary Society"	"Revisiting Ethics in the 21st Century Media – Scenario"	Organized by the Departments of English and Philosophy of Dhempe College of Arts & Science, Miramar	20th & 21st March, 2018	National
37.	Ms. Madhavi M. Motankar, Department of Biotechnology	Guest lecture	'Innovations and Entrepreneurships in Biotechnology'	For Class XI and XII students of Government Multipurpose Higher Secondary, Borda, Goa	6th January 2018	

38.	Ms. Liesl De Silva, Assistant Professor, Department of Biotechnology	guest lecture to students of Std X and XII	‘Scope and Prospects in the field of Biotechnology’	organised by Student Support Services of the college	21 <sup>st</sup> April, 2018	
39.	Ms. Madhavi M. Motankar, Department of Biotechnology	Guest lecture	Biodiversity	As a part of the Sweden Exchange Programme	30 <sup>th</sup> November 2017	
40.	Ms. Liesl De Silva, Assistant Professor, Department of Biotechnology	Guest lecture	Ethnic medicines		6 <sup>th</sup> December 2017	

## AWARDS & ACHIEVEMENTS, 2017-18

### THE COLLEGE AWARDS

S.N	Awards/Achievements
1.	The college has been placed in Rank band '101-150' in the India Rankings 2018 for Colleges in the National Institute Ranking Framework (NIRF) conducted by the Ministry of Human Resource Development, Govt. of India. A total number of 1087 colleges all over the country participated in India Rankings 2018.
2.	DBT-Star College Scheme: Six departments were selected for grants under DBT-Star College Scheme of Govt. Of India. The grants sanctioned were 123 lakhs.

### FOR FACULTIES AWARDS AND ACHIEVEMENTS

SN	Faculties and Departments	Awards
1.	Dr. Anagha Dicholkar, Department of Geography	Awarded Ph.D. for her seminal work on "Urban Development and Slums: Its Pattern and Characteristics in South Goa District" by S.N.D.T. Women's University, Pune. Dtd.30.06.2017
2.	Dr. Nandkumar N Sawant, Department of Geography	Received the State Award as " <b>Best Teacher Award</b> " for the year 2016 by Government of Goa, Directorate of Higher Education Porvorim- Goa.
3.	Mr. Mahesh Matha, Department of Computer Science	Cleared the SET Examinations held in April, 2017 conducted by Pune University Maharashtra
4.	Dr. R. Kanchana, Department of Biotechnology	
5.	Ms. Liesl De Silva, Department of Biotechnology	
6.	Ms. Raiza Cardozo, Department of Sociology	
7.	Ms. Andrea R M D'Souza, Department of Zoology	
8.	Mr. Abhishek Gudekar, Department of Computer Science	cleared the NET exam in Computer Science conducted by CBSE in November, 2017.
9.	Shri. H. S. S. Nadkarni, Vice Principal	"Nation Builder Award" on the occasion of Teacher's Day on 5 <sup>th</sup> September, 2017
10.	Ms. Shubha Barad, Department of Konkani	second place in Short Story Translation Category and consolation prize in Short Story Writing Competition at the 18 <sup>th</sup> Yuva Konkani Sahitya Sammelan on 23 <sup>rd</sup> and 24 <sup>th</sup> September, 2017
11.	Dr. H. C. Chopdekar	Appointed As a Jury Member by K. K. Birla Foundation for selection process of National Literary Award 'Saraswati Sanman' for the period of three years (2018 – 2020 Ref. 2/PUR/2018/8/145 dated 10 <sup>th</sup> March 2018).
12.		Appointed as a Member of Advisory Board for Konkani in Sahitya Academy New Delhi, for four years (2018 – 2022 Ref. SA.2/ABM/45026 dated 28 March 2018).

## MEMORANDUM OF UNDERSTANDINGS 2017-18

S.N	MOU With	Department / Our College	Remarks
1.	Infiswift Inc, now renamed as Aximsoft Corporation, California, USA	Computer Science	The company have sponsored to set up the Embedded Systems Lab in the department by sponsoring the lab equipment worth of Rs. 1,20,980/- consisting of Arduino Uno R3 Kits, with various sensors and actuators (8 nos); Raspberry Pi3 (10 nos.) and Arduino MKR 1000 - IoT Board (10. Nos).
2.	Centre for Incubation & Business acceleration (CIBA), Verna, Goa	Computer Science	- Signed the MoU with CIBA on 8th March 2018.
3.	Manovikas English Medium School, Margao	Psychology	MOU signed in the month of December, 2017 for a tenure of 5 years.
4.	Goa Institute of Public Administration and Rural Development (GIPARD), Old Goa	Geography	MoU signed in the year 2017 for a tenure of 2 years. Organized one day Training Programmes on 'Malnutrition, Anaemia and Alcoholism' were organized by GIPARD for Angadwadi workers, Panchayat Members of South Goa District at Parvatibai Chowgule College on 9 <sup>th</sup> & 11 <sup>th</sup> August, 1 <sup>st</sup> September, 2 <sup>nd</sup> , 3 <sup>rd</sup> & 6 <sup>th</sup> November 2017 respectively
5.	The University of Porto & Goa University	Our College	MoU signed in the year 2018 for tenure of 5 years. Our college with University of Porto. Dr. Paula Tavares, Associate Professor, University of Porto, Portugal visited our College for Faculty Exchange programme from 30 <sup>th</sup> January, 2018 to 12 <sup>th</sup> February, 2018. She mentioned her keen interest and focus on socio-cultural studies and also conducted a workshop on "Introduction to Qualitative Research Methods" from 01st to 07 <sup>th</sup> February, 2018.
6.	Parishkar College of Global Excellence, Jaipur	Our college	MoU signed in the year 2018 for tenure of 3 years.
7.	Sophia Girls' College (Autonomous), Ajmer, Rajasthan	Our college	MoU signed in the year 2018 for tenure of 3 years.
8.	Rayat Shikshan Sanstha's Dahiwadi College, Dahiwadi, Satara	Our College	MoU signed in the year 2018 for tenure of 3 years.

Review meeting dtd. 9th September, 2017 was held between the MoU colleges to review the activities conducted under the MoU during the last academic year 2016-17 and to also plan activities for the academic year 2017-18. Collaboration was aimed at two different levels : at departmental level, the invited colleges aimed to have collaborative activities with the various colleges with whom our college had signed a MoU and at institutional level, organizing seminar on best practices in the institution, NAAC Brainstorming workshop etc.

## COLLABORATIONS AND LINKAGES, 2017-18

SN	Collaborations With	Department / The College	Remarks
1.	Goa Institute of Public Administration and Rural Development (GIPARD), Ela, Old Goa	The College	Organized a One Day <i>Awareness Programme</i> on “Malnutrition, Anemia and Alcoholism” for Members of Panchayat and Anganwadi workers and on 2 <sup>nd</sup> , 3 <sup>rd</sup> and 6 <sup>th</sup> November 2017.
2.	Goa Marathi Academy	Department of Marathi	Organized an Inter High School & Higher Secondary Competition known as ‘Navankur Kalamahotsav’ with the theme of the program was ‘Marathi Musical Drama’ on 12 <sup>th</sup> January, 2018.
3.	Academy of Solution focused Approaches and Research (ASFAR) India	Our College through Department of Psychology	Organized a two days <i>workshop</i> on ‘Solution Focused Practices’ on 10 <sup>th</sup> & 11 <sup>th</sup> March, 2018. The Resource Person was Dr. Jaseem Korrakot, Clinical Psychologist.
4.	Goa Writer	Department of English	Organized a workshop on “Creative Writing”
5.	CIBA	Department of Computer Science	Organized a <i>Talk</i> on ‘Incubation Centre’ by Mr. Amey Karmali, Manager, CIBA for the Students of department on 19th July, 2017.
6.	Sangath	Department of Psychology	Organized a ‘Health and Wellness screening campaign’ in our college campus As part of project AMBIT (that seeks to develop an intervention that can be delivered over the mobile phone, for drinking problems)
7.	All India Progressive Forum (AIPF), Delhi	Department of Economics	Organized an ICSSR Western Regional Centre, Mumbai, sponsored <i>National Level Seminar</i> on, ‘Globalization, Finance Capital and Markets: Impact on India’ held from the 1 <sup>st</sup> to 3 <sup>rd</sup> December 2017.

SN	Linkages With	Department / The College	Remarks
1.	Systeme, Anwendungen und Produkte (SAP)	Department of Computer Science	- Three officials of SAP interacted with the students of T.Y.B.Sc. Computer Science of their Scholar @ SAP program opportunity is provided to students to work with SAP after their graduation and earn an MTech degree in Software Engineering from BITS Pilani during their working period.
2.	CinnamonTeal, Margao	Department of English	- Internships is provided to our students
3.	CIBA, Verna	Department of Computer Science	- Organized a meeting to discuss signing MoU between both the parties on 12th July 2017. - Seven faculties of Department of Computer Science along with sixty two students from Computer Science, B.Voc & M.Sc-IT visited CIBA on 2nd August 2017 for three hours.

			- An workshop on 'ideation' was organised by CIBA at Verna for the students of Department of Computer Science to take their first step towards self employment on 9th January 2018. Faculties also interacted with Mr. B. S. Revankar, Ex. Director at Center for Entrepreneurship development, Karnataka on various ideas in shaping up the students to become future entrepreneurs.
4.	Four Higher Secondary Schools in Goa	B. Voc Com. Sci. Department	- organized one day Technical Event "Technobit " on 31st January 2018
5.	Goa University	Physics department	- Visited Goa University to perform experiment on 'Study of characteristics of a GM tube and determination of its operating voltage, plateau length/slope' 16th March 2018.
6.	Department of Geography, Dahiwadi College, Dahiwadi, Satara, Maharashtra	Geography Department	- Organized a National Seminar on 'Emerging Technologies in Remote Sensing and GIS – It's Development and Applications' on 3rd February 2018.
7.	Department of Geography, Laxmibai Sitaram Halbe College, Dodamarg, Sindhudurg, Maharashtra	Geography Department	- Organized a National Workshop on 'Geospatial Technologies for Earth Resources Management', on 17th March 2018.
8.	Systeme, Anwendungen and Produkte (SAP)	Computer Science department	- Officials visited college to interacted with the students of T.Y.B.Sc. Computer Science of their Scholar @ SAP program opportunity is provided to students to work with SAP after their graduation and earn an MTech degree in Software Engineering from BITS Pilani during their working period.
9.	Annasaheb Dange College of Engineering & Technology Sangli-Maharashtra	our college	- A delegation visited to understand the functioning of an Autonomous College, the teaching learning methodologies and evaluation methods. A brief information on 'Academic Autonomy & course structure', 'Role of Examinations', functioning of the Student Support Services and the Role of Office of Information and Technology was provided to the delegations.
10.	University of Porto, Portugal	Department of Economics & Sociology	- Delivered a series of lectures in Economics and Sociology subject from 7th to 19th August, 2017 & 30th January to 12th February, 2018 respectively.
11.	National Institute of Oceanography (NIO)	Department of Geology	- 20 Geology students of S.Y.B.Sc. were demonstrated the workings of the various equipment's used in some of the laboratories and also could interact with the scientists.
12.	Acting Ambassador of Republic of Korea (South Korea)	College	- Three Korean delegates, Mr. Hai Kwang Lee, Acting Ambassador of Republic of Korea (South Korea), Mr. Rew Seong Won, Staff of Embassy, Business and

			Commercial department, Mr. Soyen Park, Ph.D., Senior Researcher visited our college for promoting Korea – India relation in Academic and Exchange Programme on 27th October, 2017.
13.	Consulate General of Israel college	College	- Mr. Yaakov Finkelstein, Consulate General of Israel college to discuss further academic and research collaborations on 29th November, 2017
14.	Gogate Jogalekar College Ratnagiri	College	- Professor Tulshidas B. Bokade, Dr. Rama Achuta Sartape, and Dr. Yasmeen K Aowte from Gogate Jogalekar College Ratnagiri visited to discuss about signing an MOU with the faculty members of the Department of Economics on 12th October, 2017.
15.	Iris Biotech GmbH, Germany	College	- Dr. Thomas Bruckdorfer, Chief Scientific Officer and Vice President, Business Development, Iris Biotech GmbH, Germany visited for a presentation cum interaction on “Synthesis of Peptides”, the carried out by his Research team. The Faculty of PG Chemistry, and M.Sc. Analytical Chemistry Students attended the presentation on 24th November, 2017.
16.	University of Nebrasaka, Omaha & University of Balkh	College	- Prof. Patrick McNamara, Director of International Studies and Programme, University of Nebrasaka, Omaha, along with 35 delegates consisting of intellectuals & researchers from University of Kabul; University of Nebraska & University of Balkh visited our college on 2nd January, 2018 to conducted a workshop on “Conflict Mediation” for the staff.
17.	Forest Department, Sub- Divisional Office, Aquem	Botany	- Organized a one day Exhibition on “Medicinal Plant” on 14th December 2017.

## ANNEXURE X

### **EXTENSION ACTIVITIES AT COLLEGE: GUEST AND VISITING FACULTIES, 2017-18**

The institute conducts various programmes and activities to address the need of social responsibility. Extension works include academia- industrial interactions for knowledge enrichment. This academic year community service was offered by NSS unit of the college and also by departments. The list of activities organised by college in 2017-2018 to address this are tabulated below:

- **GUEST LECTURES: 18**
- **EXTENSION ACTIVITIES BY DEPARTMENTS: 46**
- **COMMUNITY OUTREACH ACTIVITIES BY NSS & DEPARTMENTS: 21**

VISITING FACULTIES			
SN	Names	Title of Lecture/Paper	Department/s
4.	<b>Prof. José Manuel Peres Jorge</b> , University of Porto, Portugal.	Series of 10 lectures: - “Exchange Rate System and International Banking” - “Exchange Rate and International Resource Movement”	Economics
5.	<b>Mr. Ranjit Rodrigues</b>	“Communications Skills Course”	MSc IT Part I
IN-HOUSE VISITING FACULTIES			
SN	Names	Title of Lecture/Paper	Department/s
7.	Ms. Shenaz Shaikh, Assistant Professor	“Applied Probability and Statistics”	MSc IT Part I
8.	Ms. Surekha Kadam, Assistant Professor	“Mobile Computing”	
9.	Dr. Monica Patil	“Communications Skills Course”	
10.	Mr. Castor Godinho, Assistant Professor	“Data Mining”	MSc IT Part II
11.	Ms. Dikshita Aroskar, Assistant Professor	“Software Testing”	
12.	Ms. Priya Lotlikar, Assistant Professor	“Network Security”	
GUEST LECTURES ORGANISED			
SN	Names	Guest Lecture/s	Department/s
11.	<b>Shree Ajit Abhyankar</b> , Faculty of Symbiosis International University, Full time activist at CPI	“Theoretical aspects of Marxism and relevance of Marxism in today’s liberalized world” (dtd.1 <sup>st</sup> July, 2017)	Economics
12.	<b>Ms. Juliana Lohar</b> (Coordinator - ARZ Goa)	“Social Problems and Interventions in Goa” (dtd. 27 <sup>th</sup> July, 2017)	Sociology
13.	<b>Mr. Suresh Dwadashiwar</b>	The Significance of Social Movements in Society” (dtd. 15 <sup>th</sup> July, 2017)	Sociology
14.	<b>Mr. Parag Rangnekar</b> , President of Goa Bird Conservation Network(GSBN)	“Birding and Bird Conservation”. On 21 <sup>st</sup> July 2017	Zoology
15.	<b>Mr. Mangirish Dharwadkar</b> , Dy. Conservator of Forest	“ Important Bird sites (IBS) listed in Goa” on 21 <sup>st</sup> July 2017	Zoology
16.	<b>Dr. Baban Ingle</b> (Chief Scientist)	“Recent Trends in Aquatic Research -	Zoology

	Prof. and Head of Biological Oceanography Division of National Institute of Oceanography (NIO)	Biodiversity and Biofouling” (dtd. 21 <sup>st</sup> August, 2017)	
17.	<b>Dr. Anand Jain</b> , Project Scientist National Centre for Antarctic and Ocean Research (NCAOR) headland Sada Vasco.	“Recent Trends in Aquatic Research - Microbiology of kongsfjorden Arctic”(dtd. 21 <sup>st</sup> August, 2017)	Zoology
18.	<b>Ms. Anvisha Singhal</b> , Women Poet	‘Menstrual Exclusion: A Sociological Discussion’(dtd. 7 <sup>th</sup> August, 2017)	Sociology
19.	<b>Ms. Gayatri Konkar</b>	Need for Social Inclusion in Classroom	
20.	<b>Dr. Sohini Ganguly</b> , Assistant Professor, Department of Earth Sciences, Goa University	‘Magmatism and Crust Generation in Diverse Tectonic Setting’ (dtd. 22 September 2017)	Geology

## EXTENSION ACTIVITIES: 46

The departments organised various activities for enhancing the skills and empowering students and faculty members. The activities conducted are

- 47. Department of Biotechnology** - Annual Exhibition Cum Event “SYNAPSE
- 48. Department of Computer Science/M.Sc. ITI** – “Innovative Mobile App Idea Competition”, One day Technical Event "Technobit "
- 49. Department of English** - “Shakespeare Festival - The Bard by the Mandovi 2017”, Pegasus.
- 50. Department of Economics** An Interactive Session on ‘Pursue Higher Learning Outside The State’, State level -‘Know Your Economy’
- 51. Department of Geography** - Observed “World Population Day”- the Theme: “Family Planning: Empowering People, Developing Nations”, Observed Hiroshima-Nagasaki Day, Intercollegiate event “Geographize”, Special lectures on Climatology and Oceanography,
- 52. Department of Geology** - intercollegiate event – ‘Nebula’.
- 53. Department of Hindi** - Tulsi aavam Premchand Jayanti, ‘Hindi Saptah’, Intercollegiate State Level Elocution Competition,
- 54. Department of Konkani** - ‘Vachan Mandir program, “Srujanotsav-2017” with a theme ‘Saim-Srujun- Sauskrutai’.
- 55. Department of Marathi** - A Poetry Recitation Program – ‘Shrawandhara’ ‘Navankur Kalamahotsav’,
- 56. Department of Psychology** - Mind Kraft - theme for this year’s event was ‘Unity in Diversity- Mental Health at the Workplace’, Discussion Forum on the theme “Anger Management”
- 57. Department of Physics** - Lecture Series on “Introduction to Numerical Techniques”,
- 58. Department of Sociology** - State Level Higher Secondary event – ‘Goenkarponn’, “Sociofiesta” on the theme "Resurrection of Woman Sociologist”, ‘The Socius Film Festival’- A Week of Movie Screenings

**59. Department of Zoology** - Intercollegiate event - 'SYMBIOSIS'.

**60. Department of Zoology conducted:**

- a. Birdwalk at Borim on 9th august 2017. A total of 22 species of birds were observed.
- b. The CBC organised Birdwalk for Swedish Delegates on 30th November 2017. A total of 21 Swedish delegates along with Birder's club members attended the Birdwalk to Curtorim wetland area.
- c. 'Bird photography competition' on 8<sup>th</sup> January 2018.
- d. CBC members participated in the 3 day Bird festival held from 12th – 14th January 2018 by Forest department and GBCN.
- e. The CBC participated in the three day annual global event "Global Backyard Bird Count"(GSBB) from 16th to 19th Feb 2018.
- f. As a 'Green initiative', bird houses were installed at various locations on the college campus, to provide shelter for small birds and encourage them to inhabit the campus niches.
- g. Conducted 12 community outreach activities on issues related to health and hygiene.
- h. Conducted 04 field visits for students to i. Cotigao Wildlife Sanctuary, ii) Netravali Wildlife Sanctuary, iii) Fish Processing Industry and iv) Gogate College Ratnagiri:

**61. Department of Biotechnology** (2017) organized the following *field visits* for their Biotechnology students during this academic year:

- a. 'R&D unit and Genetic Engineering Laboratory at Monsanto Research Centre',
- b. 'Manyata TechPark, Bangalore and Natural Remedies Pvt. Ltd.',
- c. 'Electronic City Bangalore (Animal feed and Human products research and manufacturing unit)'. (T.Y.B.Sc. Students)
- d. Plant Cell Biotechnology and
- e. The Microbial and Fermentation Technology Laboratories of CSIR, Central Food Technological Research Institute at Mysore (T.Y.B.Sc. Students)
- f. The sewage treatment plant at Tonca, Panjim. (T.Y.B.Sc. Students)
- g. Archeological Museum, Old.
- h. Krishi Vigyan Kendra at Old Goa.

**62. Department of Economics** (2017) organized a **Study Tour** to 'Bengaluru' from 20th November to 27th November, 2017. Twenty three students along with three faculty members: Ms. Samantha Coutinho, Ms. Vembly Colaco and Mr. Julius Mendes Assistant Professors, Department of Economics, visited the Christ University, St. Joseph's college, Jain University, Institute of Social and Economic Change (ISEC) Bangalore, during this period and had a chance to interact with the students of these colleges.

**63. Department of Economics through Economics Forum** (2017) organized a *Bonding Trek* at 'Shivling Waterfall, Valpoi' to welcome the first years and to bond with the seniors of the Department on 13<sup>th</sup> August, 2017.

64. **Department of Geography** organized a '*Monsoon Trek*' for geography students on 6<sup>th</sup> August 2017.
65. **English Department** – conducted 'Talking Tree Lecture Series and Creative Writing Workshop - Provides opportunities to students to interact with writers, journalists, editors, dramatists and educators.
  - a. **Club Carpe Diem** - writers and poetry club for students
  - b. **Newsletter** – The newsletter is exclusively run by the students of the Department of English with guidance from the faculty.]
66. **English Department -The Bard by the Mandovi - The Shakespeare Festival 2017** - for school and higher secondary school students. One day multi-competition event to instil love of English Literature.
67. **English Department: Pegasus** - 2 day multi event competition - for college students for all round development in the field of English Literature.
68. The Department of Economics organized a *subject talk* on “**Theoretical aspects of Marxism and relevance of Marxism in today’s liberalized world**” by Ajit Abhyankar on 1st July 2017.
69. The Department of Psychology organized a *Talk* on ‘**Career**’ by Clinical Psychologist Ms. Uchita Raiturkar for students of Psychology on 29<sup>th</sup> July, 2017.
70. The Department of Computer Science in collaboration with CIBA organized a *Talk* on ‘**Incubation Centre**’ by Mr. Amey Karmali, Manager, CIBA for the Students of department on 19th July, 2017.
71. The Department of Physics organized a *talk* on “**Interplay between Robotics and Marine Science**” by Prof. Pramod Kumar Maurya Senior Scientist, Division of Marine Instrumentation, National Institute of Oceanography, Dona-Paula, Goa, on 23<sup>rd</sup> September 2017.
72. The Department of Marathi on the occasion of ‘Lokmanya Tilak Punyatithi’ organized a *special talk* on ‘**Lokamanya Tilak’s Contribution in Social and Political Field**’ by Dr. Avinash Avalgaonkar, Head, Department of Marathi, Savitribai Phule Pune University, on 1<sup>st</sup> August 2017.
73. The Department of Biotechnology organized an *interactive talk* on ‘**Global opportunities in Biotechnology**’ by Mr. Shane Quadros, (Alumnus of our college) for the students on 20<sup>th</sup> January, 2018.
74. The Department of Physics organized a *subject talk* on “**Relativity of Simultaneity**” by Dr. A.V. Kulkarni, Professor, Department of Physics, K. K. Birla Bits-Pilani, Goa Campus, Goa for the Physics Students on 26<sup>th</sup> February, 2018.
75. The Department of Economics organized a *subject talk* on ‘**Introduction to Goods and Services Tax**’ by C.A., C.S. Yatish G. Pal-Vernekar, Practicing Chartered Accountant from Panjim, Goa on 7<sup>th</sup> March, 2018. The lecture was organized with an objective to familiarize students about the basic aspects of the most important reform in the field of Indian Taxation that is, Goods and Services Tax Law including GST. Total 80 students attended.
76. The Department of Computer Science organized a *talk* on “**Planning and Maintaining the Enterprise Network – Industry approach**” for PGDCA students on 7<sup>th</sup> April, 2018. Guest Speaker

was Mr. Mithun Kanji, Manager IT and Infrastructure Creative Capsule Infotech India Ltd. He emphasized on different approaches used for designing, setting up and maintaining a network based on the needs of the organization.

77. The Department of Computer Science organized a *talk* on **“Start Your Startup”** by Mr. Rohir Naik, founder and CEO at Third Eye Technologies, Ponda, for the students of Computer Science Department held on 17<sup>th</sup> January 2018.
78. The Department of Geology organized two days *GIS workshop* on **“Learn to create your first map”** for Geology students on 23<sup>rd</sup> - 24<sup>th</sup> January 2018.
79. The Department of Psychology organized annual discussion forum on **“Anger Management”** held on the 22<sup>nd</sup> August, 2017. The speakers for the forum were Adv. Kautuk Raikar, Dr. Belinda Mueller and Dr. Venkatesh Hegde
80. The College in collaboration with Goa Institute of Public Administration and Rural Development (GIPARD), Ela, Old Goa, organized One Day Awareness Programmes on **“Malnutrition, Anemia and Alcoholism”** for Anaganwadi Workers on 9<sup>th</sup> August 2017, 11<sup>th</sup> August 2017 and 1<sup>st</sup> September 2017.
81. The Department of Zoology in association with the Goa Forest department organized an **‘Intercollegiate Quiz Competition’** as a part of the “66<sup>th</sup> Wildlife Awareness Week “on 4<sup>th</sup> October, 2017.
82. The college organized **Centenary celebration of Prof. D.B. Wagh**, the first Principal of our college, Director of the Post Graduate Centre of Bombay University in Goa who was an educationist, philanthropist and an able administrator, was held on 4<sup>th</sup> November, 2017.
83. The Department of Computer Science organized two days session on **“Features of Google Classroom”** for the College faculty on 18<sup>th</sup> December, 2017. The resource persons were Mr. Castor Godinho and Mr Wendham Gray, Department of Computer Science.
84. The College in association with Don Bosco College of Engineering and Entrepreneurship Development Institute of India (EDII) organized a three days **‘Entrepreneurship Awareness Camp’** from 26<sup>th</sup> to 28<sup>th</sup> January, 2018.
85. The College in association with Victor Hospital, Margao organized a *Health Talk* on **“Health tips to prevent Gastrointestinal and Liver disease”** by Dr. Jose Filipe Alvares - Consultant Department of Gastroenterology on 31<sup>st</sup> January, 2018. He said that all the diseases related to the various organs related to our digestive track could be easily avoided if one pays attention to his/her hygiene and food choices. He also stressed on making healthy food choices.
86. Dean, Faculty of Languages and Literature organized a session on **“Sharing Multimedia Innovative Techniques/ Technologies used in Teaching Methodologies”** for all Languages and Literature faculties on 22<sup>nd</sup> February, 2018. Sixteen faculties attended.

87. The Dean, Faculty of Sciences organized *Faculty Orientation Programme* on “**Entrepreneurship**” for the College faculties on 15<sup>th</sup> February, 2018. The Resource Person was Mr. B.S. Rivonkar, Ex-Director of Centre for Entrepreneurship Development of Karnataka (CEDOK) & IIT, Suratkal.
88. Deans, Faculty of Science, Social Sciences, Languages and Literature, observed the “**National Science Day or Prerna Diwas**” from 27<sup>th</sup> February, 2018 to 1<sup>st</sup> March, 2018, to commemorate the discovery of the ‘Raman Effect’, a Nobel Prize winning discovery by Sir C.V. Raman. The T.Y B.A./B.Sc. students shared their innovative project ideas with their juniors. Total 99 T.Y. projects were displayed and more than 374 First and Second year students and approximately more than 80 staff attended the programme.
89. Dean, Faculty of Sciences along with the Governing Body nominee of Academic Council and the founder of IMMO Information Technology Pvt. Ltd., Panjim, Goa, organised an *interactive session* on “**Curriculum Design in Accordance with the Needs of the Industry**” on 17<sup>th</sup> February, 2018 in the College. A total of 10 faculty of the College attended the session.
90. The IQAC-research committee organized a session on “**Plagiarism in Academic Writing**” for faculty members of college on 23<sup>rd</sup> April, 2018. The Resource Person was Dr. Gopakumar V., University Librarian, Goa University.
91. Department of Computer Science organized a ‘**Summer Camp**’ for autistic children from 17<sup>th</sup> to 27<sup>th</sup> April, 2018.
92. Students Support Service (Career and Personal Counseling Centre) organized three days ‘**Career Camp**’ for students studying in class X, XI and XII from different streams on 19<sup>th</sup>, 20<sup>th</sup> & 21<sup>st</sup> April, 2018.

## COMMUNITY OUTREACH ACTIVITIES- SOCIAL RESPONSIBILITIES:

This academic year community service was offered by NSS unit of the college and also by departments. The 24 activities were organised by college in 2017-2018 to address this, besides are tabulated below

### By College/Department: 24

7. As a part of Community Outreach Programme 'Book Donation Week' was observed from 10th to 17th August, 2017 a total of 112 books were collected from the faculty members.

### 8. Department of computer Science:05

- a. Mrs. Neeta Dhopeswarker, Assistant Professor, Department of Computer Science, is working on an 'area of education for Children with Autism and/or mental retardation' by introducing Educational Software which will help to develop cognitive skills in Autistic children with moderate IQ level by considering the culture, linguistic and other factors suitable for the state of Goa.
  - v. A 'Summer Camp' for autistic children was organized under the auspices of Shree Sharada Granth Prasarak Sauntha, Ponda, Goa by the 'Vatsalya' (for parents of children with special needs) from 17<sup>th</sup> to 27<sup>th</sup> April, 2018. Neeta Dhopeswarker Being the Convenor of the Vatsalya, she guided the parents of children with disabilities and also helped in planning the schedule for camp and acted as a coordinator.
  - vi. An Android App 'Toilet Hygiene' was developed especially for the Indian toilets. This app is useful for teaching 'toilet training' to the children with autism and/or Mental Retardation and also can be used for regular children.
  - vii. Organized an interactive audio-visual session on 'Helping others and Spreading Happiness' for School students, Staff and Parents gathered at Govt. Primary School, Khadpaband, Ponda, Goa.
  - viii. Published two articles on 'Autism', in newspaper 'Daily Gomantak Marathi' dated 15th April 2018 and 22nd April 2018 respectively to spread awareness and help parents in dealing effectively with the Autism Spectrum Disorder, since majority people are not much aware about such issue

### 9. Department of Geography:04

- a. One day *awareness programme* on "Malnutrition, Anemia and Alcoholism" for Members of Panchayat and Anganwadi workers was organized by the College in collaboration with Goa Institute of Public Administration and Rural Development (GIPARD), Ela, Old Goa on 2<sup>nd</sup>, 3<sup>rd</sup> and 6<sup>th</sup> November 2017.
- b. The Department of Geography conducted a session on 'Research Methodology and Research Design' for Geography students of S.N.D.T. Women's University, Pune, Maharashtra from 23<sup>rd</sup> to 26<sup>th</sup> December 2017.

- c. Dr. Nandkumar Sawant guide's was sought by two international researchers. He guided and mentored the following two international personnel's:
  - i. Ms. Kata Murányi, a Research Scholar from Institute of Geography , University of Pécs , Hungary', 31st December 2017 to 16th January 2018.
  - ii. Ms. Klara Nordström, a Graduate Student from University of Stockholm, Sweden, 16th January to 16th March 2018.

#### ***10. Department of Psychology:01***

- a. As part of project AMBIT (that seeks to develop an intervention that can be delivered over the mobile phone, for drinking problems) a 'Health and Wellness screening campaign' was organized by the Department of Psychology in collaboration with Sangath in our college campus.

#### ***11. Department of Geology:03***

- a. Following projects were undertaken by the different groups of Geology students that helped the locals understand the concept of respective situations:
  - i. 'Microlevel Studies of the Landslides at Sadda-Vasco': a comprehensive report was prepared and the people staying in and around the affected vicinity were apprised of the gravity of the situation.
  - ii. 'Quality Assessment Of Groundwater Near Sonsoddo-Gogol And Raia Bacbhatt Area': The results of the study were discussed with the community whose wells were affected by WRT ECOLLI, TDS, PH in and around garbage dumping area at Sonsoddo.
  - iii. 'Groundwater conditions and its quality in Cuncolim Village, Salcete, Goa': A study in and around industrial area at Cuncolim and its awareness to the community was undertaken.

#### ***12. Department of Zoology: 10***

The department of Zoology conducted various awareness programmes related to health and environment as departmental social responsibility towards the community of Raia, Gogol, Navelim, Davorlim, Quepem and Mangor Hill Vasco. For each activity at least 60 houses were targeted. The activities were conducted by TYBSc students under the guidance of Dr. Nandini, Ms. Madhu, Ms. Tessa, Ms. Andrea and Ms. Ashneha.

- ix. **Blood Donation:** Students of Zoology department (UG and PG), donated blood for the blood bank of 'Rajagiri Victor Hospital' Margao Goa. on 14<sup>th</sup> December 2017.
- x. **Motivation for Blood Donation (05/04/18):** The aim of the program was to spread awareness about blood donation and motivate people to donate blood. The activity consisted of a preliminary questionnaire which gave an account of the current status of frequency of the people donating blood. People were explained about the benefits of blood donation and motivated to donate blood in future.

- xi. **Kitchen Waste Management and Compost (07/04/18):** The aim of the program was to spread awareness about segregation and composting of kitchen waste from households. The activity consisted of a preliminary questionnaire which gave an account of the current waste management status in the households. Brief step wise protocol for easy composting at home was explained to the members of the family by the students.
- xii. **Vitamin D Deficiency (09/04/18):** The aim was to spread awareness about the vitamin D deficiency, its causes and consequences. Deficiency of vitamin D can lead to serious health issues and therefore to make people aware about the vitamin D deficiency, its causes and consequence, this activity was undertaken. Handout on food items and source of vitamin D was given to each house.
- xiii. **Nutrition Requirement of Children (10/04/18):** The aim was to explain the dietary intake essential for the proper physical and mental growth of children. A worksheet was prepared to collect data on the amount of protein, carbohydrate, fats, vitamins and mineral intake of the child. The families were explained about the nutritional requirements of children. Chart of nutrition requirement according to age was given to each house.
- xiv. **Sanitary Hygiene (13/04/18):** The program aimed to create awareness about the importance sanitary hygiene. A questionnaire was prepared and put forth to the women with an aim to understand the present scenario of the sanitary hygiene. The women were explained about care and hygienic practices during menstruation.
- xv. **Garbage Segregation (13/04/18):** The program aimed to create awareness about the importance garbage disposal and segregation. Methods of disposal of organic and inorganic wastes were explained.
- xvi. **Importance of Immunization (14/04/18):** The community outreach activity aimed to collect information regarding the vaccines taken by children and to provide information with respect to importance of immunization. The students explained the parents the consequences of not receiving a vaccine and the long term complications associated. The checklist of the immunization chart was also provided.

## 23. Green Campus initiatives:

- iv. The college organises events as part of Swach Bharat by NSS. Besides this, the departments of geography, botany and zoology have also initiated activities towards green campus by having weather station on campus, green house, documentation of biodiversity on campus etc.
- v. For academic year 2017-18, the department of Zoology inaugurated 'Butterfly garden' on campus which harbours various host plants of butterflies. With prior planning initiated in the month of July 2017, the final execution was completed and inaugurated on 2nd October 'Swach Bharat Divas' 2017. Relevance of Butterfly garden in ensuring clean environment are multiple.

Besides being pollinators of many plants, they also serve as important part of the food chain. The most important feature is that Butterflies serve as an 'Ecosystem barometer' which tells us about the health of our environment. These creatures are sensitive to changes in climate, the presence of harmful chemicals, pollution in the air and water, and any other changes in the environment. Presence of many species of butterflies on our campus is an indication that the Chowgule college campus is clean and healthy.

- vi. The department of Zoology also installed 'Bird houses' on the campus on 13<sup>th</sup> Feb 2018. This was an initiative to promote faunal diversity on campus and sensitise students towards conservation and protection of biodiversity.

### **Community outreach programmes by NSS Unit:**

The N. S. S. Programme officers for the Academic Year 2017-2018 were Dr. Sachin B. Kakodkar (N.S.S. Programme In-charge), Shri. Pradeep R. Jatal and Ms. Sarika Advilkar.

796 Volunteers were enrolled for N. S. S. for the Academic Year 2017-2018.

19. **Volunteers for Induction Programme- 15.06.2017-17.06.2017:** NSS volunteers helped in smooth organization of College Induction Programme organized for the F. Y. B. A. / F. Y. B. Sc. students.
20. **International Yoga Day Celebration- 21.06.2017:** Volunteers participated in Yoga Session organized on the Occasion of International Yoga Day. Shri. Vasant Shirwaiker was the Master Trainer for the Event.
21. **Leadership Camp- 23.06.2017-24.06.2017:** Volunteers participated in Leadership camp organized by the College in association with M. R. Pai Foundation.
22. **Blood Donation Camp -19.07.2017:** A blood donation was organized in the College in association with Indian Red Cross Society, Salcete Chapter and Blood Bank GMC. Shri. Shibu Renganathan was the resource persons. The Volunteers took active part in organization and creating awareness about the camp. 79 donors did blood donation which mainly included NSS volunteers and College students. The efforts of volunteers was greatly applauded by the resource persons. College was awarded a Certificate of Appreciation by IRCS, Salcete Chapter and GMC blood bank.
23. **NSS Unit Inauguration and Interclass Patriotic Singing Competition - 14.08.2017:** NSS Unit of College for the Academic Year 2017-2018 was inaugurated at the hands of Vice-principal Dr. E. M. Travassos. Volunteers participated in Interclass Patriotic Singing Competition.
24. **Independence day Celebrations 15.08.2017:** Flag hoisting and cultural programme was attended by N. S. S. volunteers in the College premises. N. S. S. volunteers also performed a cultural programme on this occasion.
25. **Sadhbhavana Diwas Celebration - 19.08.2017:** Volunteers performed a street play and a cultural programme on the occasion of Sadhbhavana Diwas. Ms. Sonal Naik highlighted the significance of Sadhbhavana Diwas.

26. **National Level Essay Competition on ‘Swacch Bharat Abhiyan’ - 05.09.2017:** Volunteers took part in National Level Essay Competition on the theme of ‘Swacch Bharat Abhiyan’. The title of essay was ‘What will I do for Cleanliness?’. Mast. Crandal D’Souza won the First Place.
27. **General Orientation-06.09.2017:** Orientation meeting was organized to apprise the students of the ongoing activities and NSS special rural camp participation.
28. **Rashtriya Vayoshree Yojana, Taluka Level Medical Assessment Camp- 21.09.2017:** 20 NSS volunteers assisted in the organization of Rashtriya Vayoshree Yojana, Taluka Level Medical Assessment Camp, held at ESI hospital, Margao-Goa.
29. **NSS day celebration-22.09.2017:** NSS day was celebrated in the College. Dr. H. C. Chopdekar, HOD Konkani Department and Former NSS In-charge was the Chief Guest for the Inaugural session. In his inaugural speech he highlighted how NSS played an integral part in his personality enhancement and how volunteers can bring about positive changes in society. Six competitions were organized on the NSS day. Prizes were awarded to the Winners.
30. **All Goa Intercollegiate Hindi Karaoke Singing Competition - 28.09.2017:** Miss Bhat Siddhi Vinayak participated in All Goa Intercollegiate Hindi Karaoke Singing Competition organized by Govt. College of Commerce and Economics, Borda, Margao-Goa.
31. **Swachta Pledge Film - 29.09.2017:** Volunteers took part in Swachta Pledge Film, an initiative of Chowgules group.
32. **Butterfly Garden-29.09.2017:** Volunteers took part in setting up of butterfly garden in College as a part of Department of Zoology initiative.
33. **Gandhi Jayanthi Celebrations - 02.10.2017:** NSS Unit of College celebrated Gandhi Jayanthi. Volunteers took Swachta Pledge. They also took part in Campus beautification. Volunteers carried out cleaning of Rumdamol Panchayat Football ground in the adopted village.
34. **NSS Special Rural Camp -11.11.2017-19.11.2017:** The annual special N.S.S. camp of the college was held at Government College of Arts, Science and Commerce, Quepem-Goa from 11th November 2017 to 17th November 2017. The Camp was attended by 125 NSS Volunteers (115 girls and 10 boys), three NSS Programme officers and 10 teachers.
35. **Skill based Seminar- 11.11.2017-19.11.2017:** Volunteers attended Skill based Seminar organized by Directorate of Sports and Youth Affairs at Ravindra Bhavan, Margao.
36. **Volunteers for ICSSR sponsored National Seminar- 01.12.2017-03.12.2017:** NSS volunteers helped in organization of ICSSR sponsored National Seminar organized by Department of Economics.
37. **Rashtriya Vayoshree Yojana, District Level Distribution of Medical Aid- 09.12.2017:** 63 NSS volunteers took part in District Level Distribution of Medical Aid under Rashtriya Vayoshree Yojana held at Ravindra Bhavan, Margao.
38. **Ek Bharat Shreshtha Bharat: District Level Declamation Contest - 15.12.2017:** Miss. Nehal Amol Sakhalkar and Miss Pushpa Pujari won the Second and Third Prize respectively in District

Level Declamation Contest on Patriotism and Nation Building as a part of Republic day celebration, 2018 organised by Nehru Yuva Kendra Sangathan.

39. **National Integration Camp Selection Trials- 18.12.2017:** Mast. Saroj Venkatesh and Miss Amerkar Vandana attended Selection trials for National Integration Camp held at Youth Hostel Miramar. Mast. Saroj Venkatesh for selected to participate in the NIC camp.
40. **Goa Liberation day Celebrations- 19.12.2017:** Flag hoisting, cultural programme and photo session was attended by N. S. S. volunteers in the College premises. Volunteers performed a cultural programme on this occasion.
41. **NIC Camp at Gurgaon- 12.01.2018-16.01.2018:** Mast. Saroj Venkatesh participated in National Integration Camp held at Gurgaon.
42. **Republic day Celebrations- 26.01.2018:** Flag hoisting and cultural programme session was attended by N. S. S. volunteers in the College premises. N. S. S. volunteers also performed a cultural programme on this occasion.
43. **Last Call for Mhadei- 01.02.2018:** Volunteers participated in a lecture cum interaction session on river Mhadei, 'Last Call for Mhadei. Shri. Rajendra Kerkar was the resource person.
44. **Kalakram- 05.02.2018:** Volunteers participated Intercollegiate Cultural Event 'KALAKRAM' organized by NSS Unit of St. Xavier's College, Mapusa. Miss Desai Shantadurga Rajeev and Miss Rege Ankita won second prize in Paper bags making competition.
45. **Sneh Bhav Program- 10.02.2018:** Volunteers attended Sneh Bhav Programme organized by Institute of Public Provedoria Assistance (Provedoria), Government of Goa at Cuncolim Municipal Hall.
46. **Sensitisation Programme on Drug Abuse- 28.02.2017:** Volunteers attended Sensitisation Programme on Drug Abuse organized by Don Bosco College, Panjim-Goa.
47. **International Women's Day-08.03.2018:** NSS Unit of the College organized International Women's Day with the Theme 'Women Empowerment'. Dr. Sachin Moraes and Ms. Fravina Rebello delivered talks on 'Role of Youth in Women Empowerment' and 'Indian Women: Through The Ages'. A spot prize quiz was organized for the volunteers.
48. **Talk on Activities of Institute of Public Assistance (Provedoria)- 14.03.2018:** A talk on activities of Institute of Public Assistance (Provedoria) was delivered by Shri. Vinayak Prabhakar Volvoikar, Director, Institute of Public Assistance (Provedoria). Dr. Gunaji Desai also spoke on the occasion.
49. **Campus beautification programmes (SHRAMDHAN)** were performed on regular basis throughout the year.

S.N	Activity	In Association with	No. of Teachers involved	No. of students involved
1.	Blood Donation Camp	Indian Red Cross Society, Salcete Chapter	3	79
2.	Rashtriya Vayoshree Yojana, Taluka Level Medical Assessment Camp	Department of Social Welfare, Government of Goa	1	20
3.	Swacchta Pledge Film	Chowgule Group		20
4.	Campus cleaning activities	Campus- social responsibility	3	
5.	Cleaning of Davorlim- Rumdamol Panchayat Football Ground	Davorlim-Rumdamol panchayat	1	30
6.	Rashtriya Vayoshree Yojana, District Level Distribution of Medical Aid	Department of Social Welfare, Government of Goa	1	63
7.	Last Call for Mhadei		1	47
8.	Sneh Bhav Programme – for Sensitizing students to respect aged.	Institute of Public Provedoria Assistance (Provedoria), Government of Goa	1	18
9.	Swacch Bharat Summer Internship by Govt.	1)		43

#### **Article in Newspaper / Magazine:**

15. Naik, A. (2017, July). **Enlightenment through YouTube**. *Psychiatric Society of Goa (PSG) Newsletter, Vol. II, Issue 2*. Pages 1 and 6.
16. Motankar M. (2017) '**Swedish Cuisines and Food Preservation Techniques**', 'The Navhind Times' Goa on 14th July 2017.
17. Chopdekar H. C. (2017) '**Floating life- Eka Goenkaar Tarvotiachee Adbhut Daryasafar**' in 'Bhaangarbhui' - Konkani Daily (Newspaper), Pp 07, 6 August, 2017.
18. Chopdekar H. C. (2017) "**Tension Free**": **Daldirpannachya Reabainth Shennilya Monispannacho sodh ghevpi Classic Konkani Natak**" published in 'Bhaangarbhui' - Konkani Daily (Newspaper), Pp. 07, 20 August, 2017.
19. Chopdekar H. C. (2017) "**Ajay Buvaacho SMS : Konkani Kathechi Navi Valakh**", article published in Special Sunday Edition ' Bhaangarbhuin, Fomento Publications, Panjim Goa. Pg 07, dated 3<sup>rd</sup> September 2017.
20. Chopdekar H. C. (2017) "**Harsha Shetyechem Aanandyatra : Sk kalaatmak Pravaasvarnan**", article published in Special Sunday Edition dated ' Bhaangarbhuin, Fomento Publications, Panjim Goa. Pg 07, dated 24<sup>th</sup> September 2017.
21. Chopdekar H. C. (2017) "**Vhakal Paavni : Konkani Kathecho Adhuneek Pravaah**" article in Bhaangarbhuin, Sunday Special Edition, 'Fomento Publications, Panjim Goa. Pg 07, Dated 3<sup>rd</sup> December, 2017.

22. Chopdekar H. C. (2017) **“Pikee Pikee Kaajule : Tarnya Manaache Amurpikey Umaale”** article in Bhaangarbhuin, Sunday Special Edition, ‘Fomento Publications, Panjim Goa. Pg 07, Dated 17<sup>th</sup> October, 2017.
23. Chopdekar H. C. (2017) **“Maya Kharangate Racheet ‘Shilpkaavya’ :Eka Pravaasvarnanatmak Kalaakrutichem kaavyatmak Shabdchitra”** माया खरंगटे ‘शिल्पकाव्य’ : article in Bhaangarbhuin, Sunday Special Edition, ‘Fomento Publications, Panjim Goa. Pg 07, Dated 31<sup>st</sup> December, 2017.
24. Barad S. (2017) **“‘Proposal’ – A Story”** (‘प्रपोजल’ – एक कथा) - A Short Story in Bhaangarbhuin, Sunday Special Edition, ‘Fomento Publications, Panjim Goa. Pg 08, Dated 24<sup>th</sup> December, 2017.
25. Chopdekar H. (2018) **“Jyoti Kunkoliekar Likheet Mayuri: Balmanaacho Thaavghevpi Saksham Kadambari”**. Bhaangarbhuin, *Fomento publications, Panjim, Goa.*
26. Chopdekar H. (2018) **“Sthreeshakti Janadevi: Sthreeshakticho distaavo Ghadovpi kalaakruti”**. Bhaangarbhuin, *Fomento Publications, Panjim, Goa.*
27. Chopdekar H. (2018) **“Vaavzhad: Bhalchandra Gaonkarancha Kavya-Chavko”**, Bhaangarbhuin, *Fomento publications, Panjim, Goa.*
28. Dhopeswarker N. (2018) two articles on ‘Autism’, ‘Daily Gomantak Marathi’ dated 15<sup>th</sup> April 2018 and 22<sup>nd</sup> April 2018 respectively.

## ANNEXURE XI

### **CLUBS / FORUMS**

#### **Extension / General / Departmental Clubs**

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

#### **Skilled Based**

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

#### **Sports Clubs**

19. Tiger Athletics Club
20. Tiger Badminton Club
21. Tiger Baseball Club
22. Tiger Basketball Club
23. Tiger Boxing Club
24. Tiger Chess Club
25. Tiger Cricket Club
26. Tiger Cycling Club
27. Tiger Fitness Club
28. Tiger Handball Club
29. Tiger Hockey Club
30. Tiger Judo Club
31. Tiger Martial Arts Club
32. Tiger Mind Sports Club
33. Tiger Power Club
34. Tiger Swimming Club
35. Tiger Table Tennis Club
36. Tiger Tennicoit Club
37. Tiger Tennis Club
38. Tiger Volleyball Club
39. Tigers Staff Club
40. Tigers Marathon Club

#### **Students Council Club**

41. Indian Culture Club

#### **College Forums**

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

### **Activities Conducted Under Clubs or Forums**

- Department of Sociology, under the Club 'H.U.M.A.N', celebrated 'Friendship Day' at Gujarati Samaj with the differently able children on 08<sup>th</sup> August, 2017. A total group of 25 Sociology students' organized games tied ribbons and distributed sweets.
- The 'Club Nebulites' of the students of Geology had a programme to install its new office-bearers on 22.09.2017. Dr. Sohini Ganguly, Assistant Professor, Department of Earth Science, Goa University graced the occasion and delivered a talk on "Magmatism and Crust Generation in Diverse Tectonic Setting".
- FOSS Club organized 'Coding Competition' for students of Computer Department on 10th January, 2018. The following students received first three places, Mr.Ankur Kankonkar & Mr.Zane Vas, M.Sc(IT) - Part I; Ms.Ayushi Patil, Ms.Mehak Shaikh, T.Y.B.Sc. (Computer Science); Mr.Amey Gaonkar, M.Sc(IT) - Part I respectively.
- The Chowgule's Birders Club of Department of Zoology participated in the three day annual event "Global Backyard Bird Count"(GSBB) from 16<sup>th</sup> to 19<sup>th</sup> February, 2018. Dr, Nandini Vaz Fernandes, Coordinator and Student coordinator Mr. Reuben Rajadhyaksha, S.Y.B.Sc. conducted a 'Campus Bird Count'. The findings were registered in the E-Bird global site. A total of 33 species of Birds were recorded on the campus.
- The student members of Birders Club along with the Coordinator, Dr. Nandini Vaz Fernandes, as a part of 'Green Initiative', on 13<sup>th</sup> February, 2018, installed 15 bird houses at various locations on the College campus, to provide shelter for small birds and encourage them to inhabit the campus niches.
- The Economics Forum organized a trek at Shivling Waterfall, Valpoi on 13<sup>th</sup> August, 2017 from 8:00 am to 5:30 pm. The trek was organized to welcome the first year Economics students and to bond with their seniors and have a friendly relation among the students of the Department. 15 students accompanied by three faculty members and one member of the Tiger Adventure Club attended the trek.
- The Economics Forum organized an interactive session on 'Pursuing Higher Education' the 5th of January 2018, at 10:00 am in classroom B-208 for the students of Economics, coordinated by Ms. Samantha Coutinho. The speaker Mr. Shailesh Kamat (an alumni of 2016-17 batch) is currently pursuing his Post Graduate Diploma in Management (PGDM), at Xavier Institute of Management and Entrepreneurship (XIME).The aim of the session was to acquaint and encourage students to pursue higher learning outside the state. He also shared his experiences as a student in Chowgule College and in his current endeavour. Twenty six students and three faculty members attended the session.

## ANNEXURE XII

# POSITIVE CHOWGULES

dated 03<sup>rd</sup> May 2018

The following are the best practices revealed by the departments:

DEPARTMENT	TOPICS ON BEST PRACTICES
<b>TEACHING LEARNING</b>	
1. Botany	<b>1. 'Plant of the Week':</b> Concept is to understand the subject at the initial stage by the First year students by doing their study on different plant/s in detail and displaying their understanding in form of presentation along with the live example. This programme is spread for a week long wherein the other year batches also get an excess to these plant information.
2. Chemistry and Mathematics	<b>2. Process Oriented Guided Inquiry Learning (POGIL):</b> Students need to know the learning objective concepts and prerequisites. This methodology is used to get students learn the subject on their own and with the help of their peer group members from within the group and the other groups in class enabling them to go further; from only book information to a processed information that is known and understood by their peer student fellows and vice versa.
3. English	<b>3. Evaluation Reform:</b> Instead of semester end examination, examine students with different ways like term exam, skill based, portfolio based, demonstrated based for teaching evaluations wherein they are involved in self learning through research, group discussion, thinking higher orderly, comparing or doing analysis differently, acquiring skills or generating skills etc. Change in evaluation helps in teaching methodology as well.
4. Hindi	<b>4. Role Play:</b> Making students learn the language and subject by acting or being in a role; allows them to express and improve well in the language. Every student gets involved actively in demonstrating the act with understanding the concept well.
5. Konkani	<b>5. Devnagari Typing course:</b> This course is of 10 hours and a very unique in itself, as it involves technology use in the home language apart from the regular traditional methodologies.
	<b>6. Workshop on 'Shudha Lekhan':</b> This is a 6 hours course, enabling students to know the language and literature more intensively and improving their reading and writing skills, their creative and interest to do more research in the language. Their upcoming plan to start short term course on 'Basic Konkani learning' of 30 hours.
6. Geology	<b>7. Digital platforms and Flipped Classroom Techniques:</b> Digital platforms helps students to acquire certain knowledge about the subject that enables the students to apply this knowledge in the flipped classroom methodology, wherein students are trained to be in groups, continuous similar rigorous activities further strengthens students to individually develop confidence in carrying the same act on his own ( <u>Team pair Solo</u> ), <u>three step interview</u> methodology is wherein student learns to understand the subject by speaking, listening, managing and noting the concept of the topic from three different angels of the participants and thirdly <u>Round Robin</u> methodology is wherein a group of students are given opportunity to present their opinions and share the knowledge or their understanding, this helps them encourage to speak up in the larger group.
7. Marathi	<b>8. Project on Gomantakiya Marathi Literature:</b> Students being engaged in supporting and

	<p>assisting a literature person in developing and restoring the knowledge in a form of a book publication. This encourages the students to use their book knowledge into reality. It's an exposure in terms of internship with a motivation of stipend being paid for implementing their knowledge practically.</p>
8. Physics	<p><b>9. Interdisciplinary Workshop:</b> Students are exposure to other related subjects that are interdisciplinary and giving an wider prospects of understanding the subject from different angles and having more broader ways of applying their knowledge with different techniques.</p>
9. Sociology	<p><b>10. Connecting the Book – View with the field through experiential learning:</b> Students get opportunity to apply their classroom or book knowledge in practice by actually observing and approaching the affected areas by implementing their knowledge through awareness camps, providing solutions or knowing the concept by actually visiting such socially affected areas or places.</p>
<b>COMMUNITY OUTREACH PROGRAMME</b>	
10. Computer Science	<p><b>1. Summer camps and Software for Autistic Children:</b> Understanding the sensitivity of the autistic children and the problems faced by the parents of such special children, an summer camp is organized wherein one child is supervised and trained by one tutor to make such children aware of their basic and regular necessities. It's a very challenging task for the tutor to teach and handle such child/ren. Understanding this problem, an software was developed with basics for the autistic children.</p>
<b>EMPOWERMENT</b>	
11. Biotechnology	<p><b>1. Startups:</b> Students are encouraged to come-up with their ideas based on the subject and feasibility of the department to support and bring such idea to an implementation in a form of an startup. The department has been successful with one startup on LAN foods and next is process of formalities i.e. O'Fresco.</p>
12. Computer Science	<p><b>2. TechWeek:</b> Students are given exposure to different technologies of areas in a week by having interaction with the resource persons from industries. Students attend the various days of the weeks depending on their levels of interests. This encourages students to specialize in the areas of their interest and take up their projects based in the similar areas.</p>
13. Geography	<p><b>3. Interdisciplinary Internship Opportunities:</b> Students get various opportunities through collaboration with organization leading to an interdisciplinary internship in different fields of areas e.g. GPARD.</p>
14. Psychology	<p><b>4. Continuous Assessment:</b> Innovative ways of assessment has encouraged students and the faculties in the different to adopt different ways of teaching learning and evaluation.</p>
15. Zoology	<p><b>5. T.Y. project presentation and evaluations:</b> Students go through a systematic process in submitting their T.Y. project enabling them to be confident enough to give a quality project. Similarly the evaluation process is well defined and structured this year enabling to cover all the areas of marking system by the internal as well as external examiner which enables transparency of marks given to a student.</p>

**ANNEXURE XIII**  
**DETAILS OF SOME STUDENTS ATTENDING SEMINARS, CONFERENCES / WORKSHOPS**

**Attending Seminar /Conferences**

1. The following undergraduate Psychology students presented their papers at the *4th International Conference on ‘Stress Management’*, held on the 4th & 5th of November at Hotel Mandovi, Panaji, Goa.
  - a) Ms. Priyanka Fernandes (S.Y.B.A), Ms. Dashmi Phal Desai (S.Y.B.A).”A Study of the Popular Stress Management Techniques used among Teachers in Goa”.
  - b) Workers. Ms/ Samiksha Auraiya (T.Y.B.A), Sarah Souza (T.Y.B.A), Sherry Fernandes (T.Y.B.A) “Influence of Recreational Sports as a Coping Mechanism for Stress on Corporate”
  - c) Ms. Krishen Cotta (T.Y.B.A.), Ms. Mariah Dias (T.Y.B.A) “Cultural Variations in Stress Among the Executive Strata: A Comparative Study”.
  - d) Ms. Roma Prabhudessai (T.Y.B.A), Ms. Jumana Khan (T.Y.B.A), Ms. Eshani Bakhle (T.Y.B.A) “An Association between Stress, Lack of Sleep and Performance at an Organizational level”.
  - e) Ms. Leann Mesquita (S.Y.B.A), Ms. Chrysanne Dias (S.Y.B.A) “Strategies and Interventions to reduce stress due to overstimulation at the workplace: A literature review”.
2. Mr. Drithiman Sharma, Mr. Vasu Mohan Gupta and Ms. Vanessa Colaco F.Y.B.A. Economics students (2018) “**Role of MSME in Rural Transformation & Consequent Economic Growth**” at the “Niti-Samvad”- *the National UG Student Colloquium* organized by Shree Damodar College of Commerce & Economics, Comba, Margao on 2<sup>nd</sup> February, 2018. Was selected for the first round of Niti-Samvad.
3. Ms. Ashmika Tari and Mr. Navin Kumar Padsalgi, T.Y.B.Sc. Chemistry students, (2018) “**Synthesis of metal oxide nano particles and their catalytic studies**” during the *12<sup>th</sup> Annual Inter Collegiate TYBSc Chemistry Symposium* organised by the Department of Chemistry, Goa University on 10<sup>th</sup> March, 2018.
4. The two students of Department of Sociology participated in the *State Level Students Seminar* on ‘**Status & Role of Women in Post Liberation Goa - Issues & Challenges**’ organized by MES College of Arts and Science, Zuarinagar on 12<sup>th</sup> August 2017. Ms Aditi Nayak, SYBA (2017) presented paper on ‘**Role And Status Of Women In Post Liberation Goa**’ and Mr Shivam Kadam, TYBA(2017) presented paper on ‘**Status of Muslim Women in Goa**’. Out of total 20 participating paper presenters from all over Goa, Mr. Shivam Kadam secured **third place** for the same.
5. The department of Sociology of Rosary College-Navelim organized an all Goa inter-collegiate paper presentation competition on the theme ‘Music and Musicians in Goan Society’ on the 16<sup>th</sup> of December 2017. Ms. Jeanette Barboza of T.Y.B.A bagged the First place for her paper titled

‘Transitions within a Melody- A Sociological Perspective’ and Ms. Supriya Banerjee of T.Y.B.A bagged the third place for her paper titled ‘Music and Musicians in Goan Society: A millennium’s perspective.

#### **Attended Others**

- Mr. Venkatesh Saroj, T.Y.B.Sc. Botany student attended the National Intergration Camp in January, 2018 at Delhi.

#### **Attended Workshops**

1. A group of 5 students along with Ms. Evelyn Fernandes from the Department of Sociology *attended* the workshop on “Understanding Budget: An Adivasi Perspective” organized by the Department of Sociology of Shree Mallikarjun College of Arts & Commerce Canacona on January 4th 2018.

**ANNEXURE XIV**

<b>Some of the Off Campus Placement, 2017-18</b>			
<b>SN</b>	<b>Number of Students Placed</b>	<b>Name of the Employer with contact details</b>	<b>Program Graduated From</b>
1.	Ashwati Jagdish	Parvatibai Chowgule College of Arts and Science , Margao, Goa	BA English / French
2.	Shehnaz Furtado	Universite d'Orleans France	BA English / French
3.	Sayi Panandikar	Gera School, Old Goa	BA English / Economics
4.	Shourya Dalvi	Rosary College, Navelim	BA English / French
5.	Clinton Fernandes	St. Joseph's Educational Institute, Chandor	PGDCA
6.	Nagvenkar Ameer Goculdas	Helixtech , Porvorim - Goa	MSc-IT
7.	Shaikh Sajid Shakil	3D Systems, Porvorim - Goa	MSc-IT
8.	Colaco Alivia	Goa Electronics Ltd, Cortalim Goa	MSc-IT
9.	Shaikh Hussain	WiredHead, Margao	MSc-IT
10.	Shaikh Al Mufeed	KAAVAY Enterprises Ltd., Verna Goa	MSc-IT
11.	Kamtekar Rishikesh Anand	3D Systems, Porvorim - Goa	MSc-IT
12.	Naik Krishna Alias Kedar Ulhas	Parvatibai Chowgule College of Arts and Science(Autonomous), Margao-Goa	MSc-IT
13.	Bagalkot Arafat Mohammed Rafiq	Parvatibai Chowgule College of Arts and Science(Autonomous), Margao-Goa	MSc-IT
14.	Pinky Kotharkar	MR, Biocon Pharma, Goa	BSc (Chemistry)
15.	Sunil Kattimani	Zuari Agro Chemicals, Zuari	BSc (Chemistry)
16.	Shantilal Prajapati	Entrepreneur, Hari-Om Agro Processes	BSc (Chemistry)
17.	Rustam Pednekar	GSO Officer, Grand Hyatt, Goa	BSc (Chemistry)
18.	Deepak Kumbhar	Parvatibai Chowgule College of Arts and Science(Autonomous), Margao-Goa	M.A. (Geography)
19.	Audrey D'Costa	Damodar Higher Secondary School, Gudi	M.A. (Geography)
20.	Mayura Naik Gaonkar	Ceinsys Tech Ltd., Nagpur	PGDGIS
21.	Vidya Dharne	ADCC Infocad Pvt. Ltd. Nagpur	PGDGIS
22.	Five students	TomTom India Pvt. Ltd., Pune	PGDGIS
23.	16 students	Genesys International Corporation Ltd., Mumbai	PGDGIS

## **ANNEXURE XV**

### **CHOWGULE'S TRANSLATION CENTRE**

The Translation Centre was inaugurated on Saturday, 22<sup>nd</sup> July 2017 at the hands of Dr. Kiran Budkuley, Ex-head of Department of English and Ex-Dean, Faculty of Languages and Literature for Goa University and is the first of its kind in the State of Goa.

The objective of the centre is focus on translations to promote the growth of indigenous literature and knowledge, introduce the students to the field of translation and assignment of translation work'; to bridge the gap between different cultures and bring in new thoughts and ideas.

The centre aims

- to generate collaborative projects
- to promote competence/ employability
- to facilitate study in diverse areas that take off from language/literature
- to redirect teaching /research to unconventional areas
- to dwell on marginal areas of scholarly interest
- to foreground issues/concerns of the subaltern
- To promote socially committed projects/publications

Activities undertaken by the Centre are as follows:

- Visiting other translation centres
- Conducting workshops on "Translation Skills" for enhancing the translation skills in students,
- Under taking assignments on translations for faculty and students and
- Collaborating with the other translation centres.

## ANNEXURE XVI

### **CHOWGULE CENTRE FOR TEACHING and LEARNING (CTL)**

#### **INTRODUCTION/NEED:**

Use of Information Communication Technology (ICT) in enhancing the quality of education is something that almost everyone is interested in, these days. Concepts like open content, open data, and open resources, along with notions of transparency and easy access to data and information is becoming a value. Massive Open Online Courses (MOOCS) are being widely explored as alternatives and supplements to traditional university courses. The workforce demands skills from college graduates that are more often acquired from informal learning experiences than in universities. Education paradigms are shifting to include online learning, hybrid learning, and collaborative models. At the same time, the teaching paradigms across all sectors too, besides including the above, demand much more teamwork and collaboration. As the abundance of resources and relationships made easily accessible via the Internet grows, we are ever more challenged to revisit our roles as educators.

Faculty training still does not acknowledge the fact that digital media literacy continues its rise in importance as a key skill in every discipline and profession. The demand for personalized learning is not adequately supported by current technology or practices on campus. Economic pressures and new models of education are bringing unprecedented competition to the traditional models of higher education. The emergence of new scholarly forms of authoring, publishing, and researching, outpace sufficient and scalable modes of assessment. Many challenges impacting technology uptake are grounded in everyday realities that often make it difficult to learn about, much less adopt, new tools and approaches.

A number of workshops, seminars and training programs in this area are being held regularly. There are also many conferences and publications in this area. However, still the adoption and effective utilization of technology in education is low. One of the contributing factors is the lack of awareness at the level of teachers and institutions, and perhaps the lack of access to usable resources and inadequate sharing of experiences among those working in this field. A centre like this will help address this gap, by offering useful inputs and allowing for sharing of experiences with the relevant community.

The infrastructure for the centre has been partly funded by RUSA (Rashtriya Uchchatar Shiksha Abhiyan)

#### **OBJECTIVES**

The main objective of setting up of the Centre for Teaching and Learning (CTL) is to:

1. Educate faculty on how to go about integrating ICT in Higher Education effectively by conducting workshops, seminars and provide them with hands-on experience/training.

2. Develop E-content for the various courses offered by the college and other educational institutions.
3. Innovate, Implement and Share different ICT tools in teaching like Simulation, Gamification, LMS, Mobile Applications, etc.
4. Conduct Research related to use of ICT, Learning Analytics, Mobiles, LMS, etc.
5. Provide Consultancy services to schools and other Higher Educational Institutions by providing a roadmap for ICT implementation
6. Provide Assessment/evaluation strategies to track student progression to graduation.

### **PLAN OF ACTION AND EXPECTED OUTCOMES**

Setting up of a lab with networked Computers, Printer cum scanner and Lap tops. The lab would use proprietary as well as open source software to generate e-content. There will also be another Audio-Visual Room where faculty and students can record lectures, stream lectures live and also perform role plays.

In the initial years (first two), the center will cater to train the trainers by conducting training programmes on use of ICT in education, and also initiate research and consultancy on ICT usage and various teaching learning methodologies and curriculum design. The following year developing e-content in various subjects offered in various subjects. And subsequently offer online programmes.

## ANNEXURE XVII

### FEEDBACKS FROM EMPLOYERS

S N	Job Profile of the student	Name of Students	Would you recommend to other organization	Did Student possess the skill required for the job	Skills required to work on were	Was the student's performance good?	Was the Attitude and punctuality good of the student?	Name of your Organization
1	Assistance in operations at the centre ranging from admin work, event management, cafe work	Shania Fernandes	Yes	Yes	photo editing skills and time management were little weak	Yes	Yes	Carpe Diem Art & Learning Centre
2	Marketing	Sarvesh, Jason, Lisa, Addi, Steve, Joshua	Yes	Yes	Communication	No	No	Chowgule Center For Applied and Professional Studies
3	Volunteer/Awareness coordinator support	Melita Pereira Lyanne Fernandes	Yes	Yes	Students good in mathematical skills to teach street kids from 5th to 9th standard. Good command on hindi for communication, vocational training like craft work, drawing and computer education	Yes	Yes	Stepping Stones
4	Teaching Support	Medora Moraes	Yes	Yes	Nothing in particular. rather I would say she was a good learner and had a positive attitude to tasks given to her.	Yes	Yes	Regina Martyrum High School, Assolna Goa
5	Lab Assistant	Daze Cardozo	Yes	Yes	Basic Knowledge about blood and its components	Yes	Yes	Raikar Lab Margao
7	On Field and Desk work , Interviewing Celebrities during Film Festival IFFI	Zoya Rebello	Yes	Yes	Better writing skills, Command on language	Yes	Yes	Herald Group News Daily
8	Field Work	Samuel Afono, Prabhakar Pai, Saru Naik, Rakhi Desai	Yes	Yes	Seriousness about the subject, lack of passion and interest , except for 1 student	Yes	Yes	Terra Hydrotech Dabolim Goa
9	Lab assistant / General Lab work	Nisha and Kartik	Yes	Yes	Better Communication Skills, Report Writing Skills.	Yes	Yes	Sriprasad Diagnostic Lab Ponda
10	Observation in Quality Control and Quality Assurance Department	Nilgar Tipu Sultan	Yes	No	We didn't expect any specific technical skills from students. Better report writing skills and communication skills would be always better	Yes	Yes	DCI Pharmaceuticals

11	Biochemistry and Microbiology Observership	Sancia Vaz, Divya Reddy, Trusha Shiroadker, Surti Ravedar	Yes	Yes	Nothing in particular. We were pleased that the students were interested and did the tasks given to them	Yes	Yes	Royal Hospital
12	Teaching Aid Intern	Analiza Peres	Yes	Yes	No. We were very pleased that the students were very keen in learning and helping us with lot of innovation in developing teaching aids	Yes	Yes	Sangath , Raia and Porvorim Goa
13	Conduction of Green Audit	Ophra Gracias , Mayuri Gaad Alex Colaco, Sheba Raichel , Joseph Pinto, Mayur Atvekar, Arthi Naik, Akshay Shiroadkar, Rahul Jiddi,	Yes	No	Responding to communication, Regular Reporting	Yes	Yes	Shubhankar Environmental Services
14	Translator and Interpreter , Portuguese into English . Spanish to English	Jaqueline Dias	Yes	Yes	Time Management Skills	Yes	Yes	International Film Festival of India
15	Marathi Subject Teaching Intern	Krishna Palyekar	Yes	Yes	Nothing in particular. We were very impressed with his command over the content and the students gave us a positive feedback that they enjoyed the class.	Yes	Yes	Viscount high School Pernem
16	Observership in Quality Assurance	Jyoti Poonia	Yes	Yes	Better communication skills and email etiquettes	Yes	Yes	Nestle India Ltd . Goa
17	Journalist Intern	Aditi Jambhale	Yes	Yes	Nothing in specific	Yes	Yes	Gomantak News paper
18	Intern to help in Depot of Varun Beverages	Pratiksha harmalakr	Yes	Yes	Nothing in particular. We do not expect any specific skills. Pratisha is interested to learn and that is enough for us.	Yes	Yes	Varun Beverages Ltd. Margao
19	Teaching Intern	Steve Da Costa	Yes	Yes	Nothing in particular. We are very pleased with the student.	Yes	Yes	Our Lady of Perpetual Succour High School

## PHOTOGRAPHS



***Dr. Nandkumar N. Sawant receiving the State Award as "Best Teacher Award" for the year 2016 at the hands of Shri Manohar Parrikar.***



***Prof. José Manuel Peres Jorge, University of Porto, Portugal on a Faculty Exchange programme along with our college students after a lecture.***



***Prof. Paula Guerra, Department of Sociology, University of Porto, Portugal on a Faculty Exchange programme in an interactive session with Social Science Faculties.***



***Prof. José Manuel Peres Jorge, Department of Economics, University of Porto, Portugal on a Faculty Exchange programme in an interactive session with Social Science Faculties.***



***General Manager of CIBA, Mr. D. S. Prashant is explaining the functioning of CIBA to Ms. Shaila Ghanti, Dean, Faculty of Sciences and faculties from the Computer Science Department in their Incubation.***



***"VIDYA" 2016-17, Magazine Won The Late V. N. Kamat Trophy For THE BEST COLLEGE MAGAZINE***

Annual Inter – collegiate College Magazine competition organized by Shree Damodar College of Commerce and Economics, Margao –Goa. Vice Principal Shri. H. S. Nadkarni, Editor, Dr. Uma Masur, and Co-editor, Dr. Sanjay Gaikwad, of the Magazine, Vidya 2016-17 receiving trophy in the hands of the Shri. Prashant Joshi, Vice President of Murgao Education Society, Goa, C.A. Sheela H.N. Gaunekar Treasurer, of Vidya Vikas Mandal, Principal, Dr. Prita Maliya, and Vice principal, Sanjay Dessai, of Damodar College, Margao.



*Group of students participating and receiving certificate in the National Level Hands on Training Workshop "TechWeek 2017"*



*Kartika Ramakant Saroj, T.Y.B.Sc., N.C.C. cadets has been conferred the 'Best State N.C.C. Cadet Goa' by 'State Ex-Cadets NCC Association of Goa (Sena)' under the Navhind Times states Ex-NCC achievers award 2017*



*Mr. Ankur Kankonkar felicitated by Mr. Manohar Parrikar, Chief Minister of Goa for his achievement at T.Y.B.Sc. Examinations 2016-2017, conducted by Goa*



*Valdo Fernandes and Hrishikesh Khedekar, S.Y.B.Sc, Computer Science being awarded for securing second place at the National level Technical Quiz "Geekwiz 2017"*



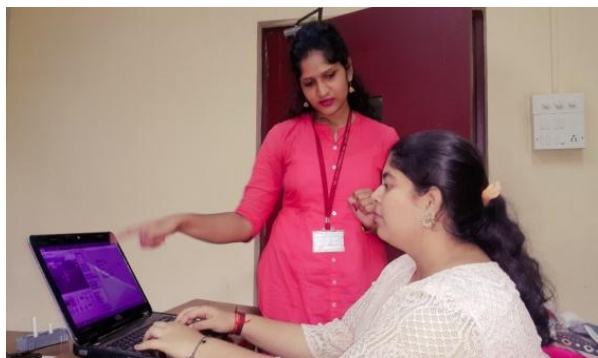
*A group photo of our college staff along with Principal and the Anaganwadi Workers for One Day Awareness Programmes on "Malnutrition, Anemia and Alcoholism"*



*“Special Training in GIS” is being imparted to eight employees of IMMO Information Technologies Pvt. Ltd., under a consultancy undertaken by Geography department.*



*Dean, Faculty of Science, Ms. Shaila Ghanti awarding certificate to Mr. Ankur Kankonkar for bagging first place in the Innovative Mobile App Idea Competition.*



*Priya Lotlikar teaching a PGDCA student during the workshop on “Scratch-Block Based Programming”*



*A group photo of Geology Staff and students of Club Nebulites along with Dr. Sohini Ganguly, Assistant Professor, Department of Earth Science, Goa University at a talk on “Magmatism and Crust Generation in Diverse Tectonic Setting”*



*Prof. Dr. (Ms). Vasudha Kamat along with Dr. Nandkumar N. Sawant is inaugurating Teaching Learning Centre*





*Dr. R.V. Gaonkar along with Dr. Nandkumar N. Sawant is inaugurating at the Centenary celebration of Prof. D.B. Wagh*



*Dr. Nandkumar N. Sawant lighting the lamp along with other dignitaries at the Centenary celebration of Prof. D.B. Wagh*



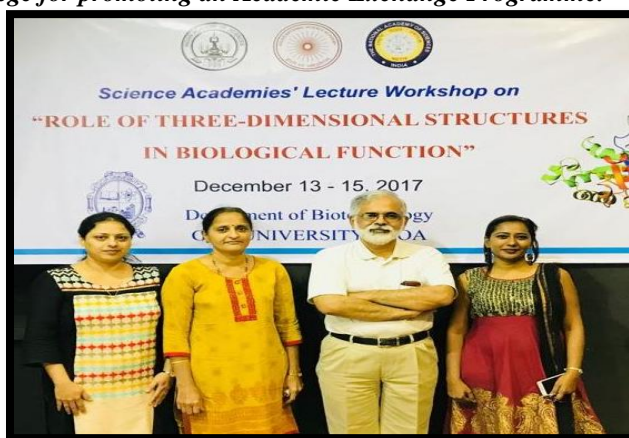
*Dr. Kiran Budkuley inaugurating Translation Centre along with Dr. Nandkumar N. Sawant, Ms. Mitra Borkar and other faculties*



*A group photo of the Principal, Vice Principal and other members of the college along with the three Korean delegates who visited our college for promoting an Academic Exchange Programme.*



*Student winners of Noesis 2017 posing for a group photograph along with Principal and faculties from Computer Science.*



*Ms. Madhavi Motankar; Dr. Kanchana R; Mr. Shekhar C. Mande (Director of NCCS Pune) and Dr. Nandini Vaz Fernandes at the science academies' lecture workshop on 'Role of three-Dimensional structures in Biological function'*



*Group of nine students from computer science won the 'Runners Up trophy' at All Goa IT Festival – Technotsav 2017 held at Government College, Khandola*



*Dean, Faculty of Languages and Literature, Ms. Mitra Borkar felicitating the Resource Person, Mr. Clifford Desilva in the Workshop on "Stress Management"*



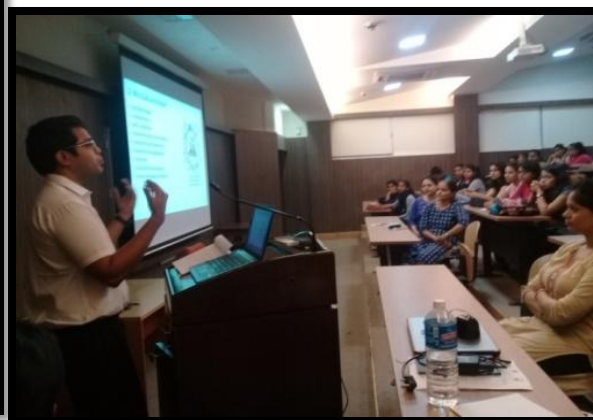
*Dean, Faculty of Social Science, Dr. Debasish Majumdar listening to an audio-video project presentation displayed by a Third year student for the event 'Prerna Diwas'.*



*A Student from Third Year is explaining her project to the juniors in an event known as Prerna Diwas.*



*Visit by Prof. Patrick McNamara, Director of International Studies and Programme, University of Nebraska, Omaha, along with 35 delegates consisting of intellectuals & researchers from University of Kabul; University of Nebraska & University of Balkh to our college*



*Mr. Shane Quadros (Alumnus) addressing the students of Biotechnology at an interactive talk on "Global opportunities in Biotechnology"*



*A group photo of the Resource Persons along with the students at the 'Entrepreneurship Awareness Camp'*



*Ms. Kata Murányi, Institute of Geography, University of Pécs, Hungary along with Geography students at the Workshop on 'Mapping of Urban Neighborhoods'*



*Biotechnology students posing for an photograph winning the Runners Up Trophy in an Intercollegiate event 'Micronova 2K18'*



*Mr. B.S. Rivonkar, Ex-Director of Centre for Entrepreneurship Development of Karnataka (CEDOK) & IIT, Suratkal is delivering the Orientation Programme on "Entrepreneurship" to the faculties.*



*Mr. Andrew Barreto sharing his experience in teaching through multimedia technologies and techniques at the session on "Multimedia Innovative Techniques/ Technologies used in Teaching Methodologies"*



*Ms. Suchitra Bhat lighting the lamp along with Mr. Abhishek Gudekar and Students at the Technical Event "Technobit"*



*Mrs. Neeta Dhopeswarker along with other volunteered members working in the area of education for Children with Autism/ Mental retardation.*



*Mrs. Neeta Dhopeswarker along with other volunteered parents posing for a group photograph at the summer camp 'Vatsalya' for children with autism.*



*Dr. Shaila Ghanti along with students posing for a group photograph at a talk on "Planning and Maintaining the Enterprise Network –Industry Approach"*



*Dr. Nandkumar N.Sawant lighting the lamp along with Dr. R. Kanchana at the event "SYNAPSE" 2017*



*Alumni of Biotechnology Department posing for a selfie at the Departmental Alumni Meet 2018*



*Trophy given by Dr. E. M. Travassos to the winner at the event “GoenkarPonn” organized by the Dept. of Sociology.*



*Dr. Sachin Moraes, Prof. Paula Guerra, Ms. Samantha Coutinho along with the Sociology Students posing for Photograph at the Workshop on “Qualitative Research”*



*Principal, Vice Principal, Coordinators, faculties and students from our College and Sweden posing for a group photograph at the Student-Faculty Exchange Programme*



*A group photograph of faculties and students during the Student-Faculty Exchange Programme held at Sweden.*



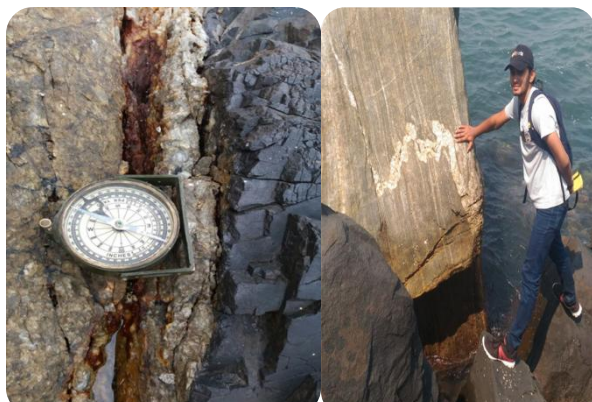
*A group photograph of winners of Ggeography students at the event ‘Geofest 2018’ held at Pune.*



*A group photograph of Dr. Anagha Bicholkar along with the GPARD members at the One Day Training Programmes on 'Malnutrition, Anaemia and Alcoholism'*



*Mr. Malcolm Afonso giving a token to Dr. Sohini Ganguly at the Geology Guest Lecture on 'Magmatism and Crust Generation in Diverse Tectonic Setting'*



*'Field Based Assessment'  
New Teaching-Learning Methodology in Geology.*



*Mr. Reaston Cardozo, Geology student receiving the Golden Glove Award*



*'Team-Pair-Solo'*



*'Three-Step-interview'*



*'Round Robin'*

*Flipped Classroom Techniques used by Department of Geology*



*Annelly Costa, Assif Ferrao and Travis Dcosta doing internship tasks at National Centre for Antarctic and Ocean Research, Headland Sada, Vasco, Goa.*



*Geology Students for field visit at Chorla Ghat.*



*Mr. Shashank M. Upadhye, S.Y.B.Sc., Geology student receiving Trophy at the National Level Solo Table Competition organized by Directorate of Art and*



*NSS Volunteers explaining to school students on Swachh Bharat during their Summer Internship*



*Our College NSS Unit in association with Indian Red Cross Society, Salcete Chapter and Goa Medical College Blood Bank organized Blood Donation camp*



### OUR MISSION

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