

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

## **Report 2013-14**



**Parvatibai Chowgule College of Arts and Science**  
**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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<b>S.N.</b>	<b>Contents</b>	<b>Page nos.</b>
	<b>Part – A</b>	
1.	Details of the Institution	3
2.	IQAC Composition and Activities	6
	<b>Part – B</b>	
1.	Criterion – I: Curricular Aspects	8
2.	Criterion – II: Teaching, Learning and Evaluation	9
3.	Criterion – III: Research, Consultancy and Extension	13
4.	Criterion – IV: Infrastructure and Learning Resources	21
5.	Criterion – V: Student Support and Progression	23
6.	Criterion – VI: Governance, Leadership and Management	27
7.	Criterion – VII: Innovations and Best Practices	34
	<b>Annexure</b>	
1.	Annexure I	41
2.	Annexure II	42
3.	Annexure III	44
4.	Annexure IV	45
5.	Annexure V	49
6.	Annexure VI	52
7.	Annexure VII	56
8.	Annexure VIII	58
9.	Annexure IX	59
10.	Annexure X	61
11.	Annexure XI	65
12.	Annexure XII	66
13.	Annexure XIII	69
14.	Annexure XIV	71
15.	Annexure XV	73
16.	Annexure XIV	74
17.	Annexure XVII	76
18.	Annexure XVIII	78
19.	Annexure XIX	79
20.	Annexure XX	80
21.	Annexure XXI	81
22.	Annexure XXII	84
23.	Annexure XXIII	85
24.	Annexure XXIV	86
25.	Annexure XXV	87

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

## Part – A

### 1. Details of the Institution

#### 1.1 Name of the Institution

Parvatibai Chowgule College of Arts and Science

#### 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. R.V. Gaonkar

#### Tel. No. with STD Code:

0832 2759504

#### Mobile:

09890631953

**Name of the IQAC Co-ordinator:**

Dr. Nandkumar N. Sawant

**Mobile:**

09850456575

**IQAC e-mail address:**

nns001@chowgules.ac.in

**1.3 NAAC Track ID (For ex. MHC0GN 18879)GAC0GN10023**

**1.4 Website address:**

www.chowgules.ac.in

**Web-link of the AQAR:**

<http://59.165.134.98/chowgule/IAQC.jsp>

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

### 1.5 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				

**1.6 Date of Establishment of IQAC : DD/MM/YYYY**

31/05/2004

**1.7 AQAR for the year (for example 2010-11)**

2013-14

**1.8 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 \_\_\_\_\_ (DD/MM/YYYY)

### 1.9 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 ☐

### 1.10 Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐

**Others (Specify)**

### 1.11 Name of the Affiliating University (for the Colleges)

Goa University

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

**Autonomy by State/Central Govt. / University**

University with Potential for Excellence

N.A.

UGC-CPE

N.A.

DST Star Scheme

N.A.

UGC-CE

N.A.

UGC-Special Assistance Programme

N.A.

DST-FIST

N.A.

UGC-Innovative PG programmes

N.A.

Any other (*Specify*)

N.A.

UGC-COP Programmes

N.A.

**2. IQAC Composition and Activities**

2.1 No. of Teachers

11

2.2 No. of Administrative/Technical staff

3

2.3 No. of students

-

2.4 No. of Management representatives

1

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and  
community representatives

-

2.7 No. of Employers/ Industrialists

-

2.8 No. of other External Experts

1

2.9 Total No. of members

17

2.10 No. of IQAC meetings held

3

2.11 No. of meetings with various stakeholders:

No.

07

Faculty

05

Non-Teaching Staff Students

01

Alumni

01

Others

2.12 Has IQAC received any funding from UGC during the year?

Yes

☒

No

☐

If yes, mention the amount

Rs. 3, 00, 000/-

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 - Annexure V**

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

i. Enhanced the process of teaching and learning by conducting workshops on assignment writing, avoiding plagiarism, writing skills and lateral thinking. (Annexure V)

ii. Motivated faculty members to undertake research.

**2.15 Plan of Action by IQAC/Outcome**

The plan of action chalked out by the IQAC in the beginning of the year (2013-14) towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
a. To adopt Autonomous status.	A peer team of The UGC paid a visit to the college for verifying our preparation and infrastructural facilities for granting the Autonomous status.
b. Exploring new teaching and learning method / pedagogies.	Departments of Zoology, Geography and Economics adopted the “Problem Solving Method” as a method of teaching – learning. The college is mootting the same method to be adopted by other departments.
c. Evaluating the effectiveness of Learning Management Systems (LMS).	Two research papers have been published and one Ph.D. has been awarded to one of the faculty members on the subject of effective teaching and learning methodology and educational technology.
d. To design activities and events in various departments to motivate student participation.	Various departments organized inter-collegiate events involving subject related activities which had an active participation of students. Student clubs have been created to promote curriculum and co-curriculum activities.
e. Enhance academic and research activities amongst faculty and students.	Faculties from several departments have presented and published research papers/articles (Annexure No: VI and VII)

\* Attached 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 – N.A.**

## Part – B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes (Annexure II)

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		1	1	
PG	2	1	3	
UG	2			
PG Diploma	2	1	2	
Advanced Diploma				
Diploma				
Certificate	13		1	13
Others				
Total	19	3	7	

Interdisciplinary				
Innovative				

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

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

Pattern	Number of programmes
Semester	5
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 view an analysis of the feedback in the Annexure XXIV*

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

- i. The Postgraduate courses reframed the syllabus to adopt Choice Based Credit System (CBCS).
- ii. The college offers Honours programs in various subjects to provide additional need-based knowledge to the students. For this even external faculty is invited to conduct the course.

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

- i. Ph.D. Programmes in Hindi
- ii. MSc Analytical Chemistry



## Criterion – II

### 2. Teaching, Learning and Evaluation

<b>2.1 Total No. of permanent faculty</b>	Total	Asst. Professors	Associate Professors	Professors	Others
	51	17	33	1	-

<b>2.2 No. of permanent faculty with Ph.D.</b>	24
--	----

<b>2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year</b>	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	9	-	-	-	-	-	26	-	35	-

<b>2.4 No. of Guest and Visiting faculty and Temporary faculty</b>	13	-	7
--	----	---	---

#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	7	21	49
Presented papers	4	23	5
Resource Persons	2	11	12

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

- Problem based learning,
- Application of Bloom's Taxonomy in teaching and learning,
- Research Based Learning

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

<b>2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)</b>	a. Problem based solving method, b. Research based assignments, c. Presentations d. Viva		
---	---	--	--

<b>2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop</b>	13	30	21
--	----	----	----

<b>2.10 Average percentage of attendance of students</b>	>75%
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### 2.11 Course/Programme wise distribution of pass percentage :

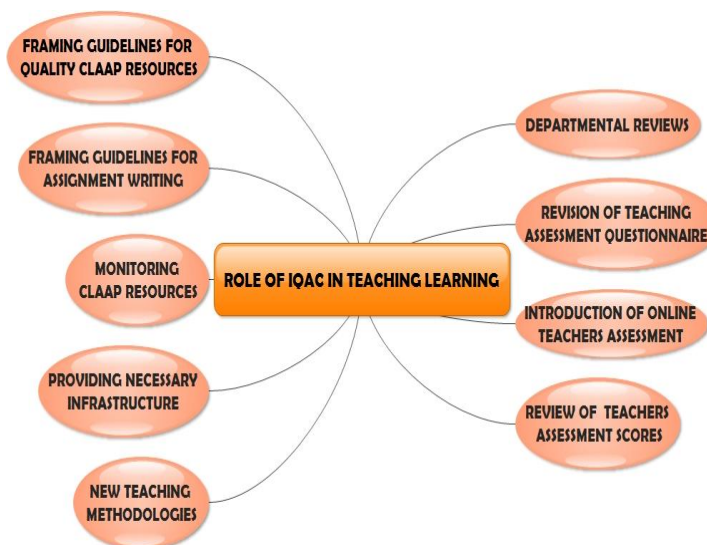
Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Bachelor of Science	104	66%	22%	5%	-	5%
Bachelor of Arts	104	33%	42%	21%	-	4%
Post Graduate Courses	93	24%	47%	25%	-	2%

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

### 1) Teaching-Learning Process:

- In the teaching-learning process, IQAC was responsible for monitoring the adherence of the faculty by developing :
    - i. Guidelines of college for quality CLAAP resources.
    - ii. Guidelines for Assignment writing.
  - Providing necessary infrastructure for the faculty to enhance teaching-learning process. Experimenting with 'Problem – solving based learning'. This has enabled the college to make the teaching-learning process student centric.
  - Honours Programmes conducted by all departments provide skill based learning and additional knowledge in a wide variety of fields related to each subject.
- 
- ```

graph TD
    A[ROLE OF IQAC IN TEACHING LEARNING] --- B[QUALITY CLAAP RESOURCES]
    A --- C[FRAMING GUIDELINES FOR ASSIGNMENT WRITING]
    A --- D[MONITORING CLAAP RESOURCES]
    A --- E[PROVIDING NECESSARY INFRASTRUCTURE]
    A --- F[NEW TEACHING METHODOLOGIES]
    A --- G[REVIEW OF TEACHERS ASSESSMENT SCORES]
    A --- H[INTRODUCTION OF ONLINE TEACHERS ASSESSMENT]
    A --- I[DEPARTMENTAL REVIEWS]
  
```



## 2) Teacher Quality:

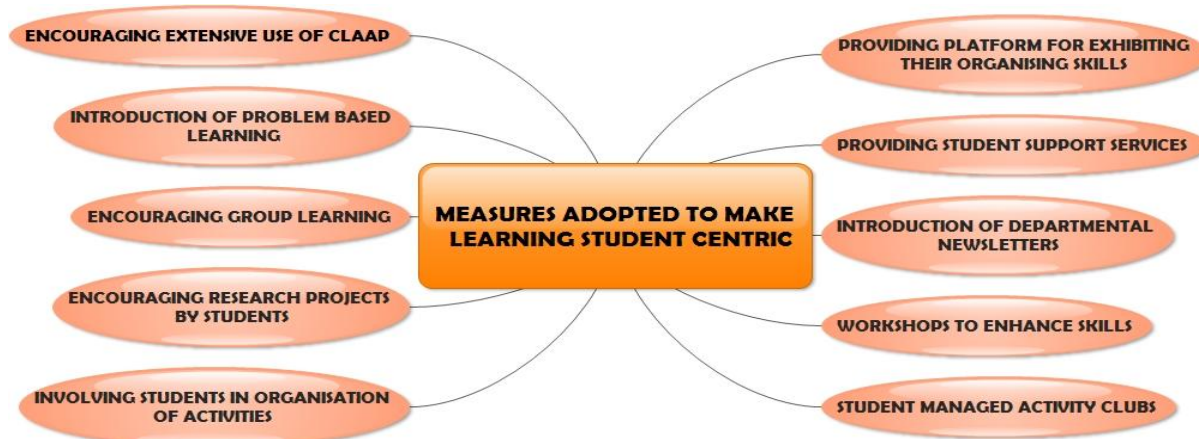
The IQAC conducted meetings with the aim of improving the quality of learning.

- Review meetings with faculty were conducted to monitor:
  - i. The Chowgules Learn Anytime Anyplace (CLAAP) programme -The faculties were guided in preparing their teaching plan/ course plan, course schedule, objectives, learning outcomes, assessment modes, evaluation dates etc.
  - ii. Online assessment of the faculty by the students.
- Departmental meetings were conducted to assess the progress and prepare future plans of departments.
- IQAC also encouraged faculty for preparing research proposals.
- Management fund was provided for conducting activities, organizing seminars / workshop / conferences and special lectures.
- The UGC, Faculty Development Programme was availed by two faculty members in pursuance of their research.

### 3) Evaluation Process and Reforms:

- Mode of Evaluation was explained to all students during the induction programme.
- The assessment guidelines were displayed on the college website to ensure transparency.
- The schedule of examination and distribution process of marks were displayed in the campus.

#### 4) Student Performance and Learning Outcomes



- The above diagram summarizes the initiatives taken to make teaching process student centric and to enhance their performance.
- The CLAAP provides a platform for the student and teacher to interact academically and initiate discussion.
- Problem Based Learning activities conducted by the teachers makes the students independent learners and provides them with work related competencies.
- Students are motivated and made responsible for planning and execution of college events, which builds their self-confidence and polishes their organizational skills.
- The newsletters by various departments provide an opportunity for students to learn and exhibit their skills and knowledge in designing, thereby giving them an opportunity to understand journalism and writing.
- The Student Support Services conducted various workshops to create a learning environment conducive for critical thinking, creativity and to develop scientific temper amongst students.
- The HR wing of the college collaborated with various industries, institutes and hospitals for the benefit of the students, which promoted opportunities for internship / on job training / practical exposure and projects.
- The college promoted study tours and field tours for the students, enabling hands on knowledge and motivated the students for the student exchange programmes and internships at industries and institutes.

#### 2.13 Initiatives undertaken towards faculty development 24

| <i>Faculty / Staff Development Programmes</i>  | <i>Number of faculty benefitted</i> |
|------------------------------------------------|-------------------------------------|
| Refresher courses                              | -                                   |
| UGC – Faculty Improvement Programme            | 2                                   |
| HRD programmes                                 | 10                                  |
| Orientation programmes                         | -                                   |
| Faculty exchange programme                     | 8                                   |
| Staff training conducted by the university     | 2                                   |
| Staff training conducted by other institutions | 9                                   |
| Summer / Winter schools, Workshops, etc.       | 2                                   |
| 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 | 54                            | -                          | -                                                    | 10                                     |
| Technical Staff      | 17                            | -                          | -                                                    | -                                      |

## Criterion – III

### 3. Research, Consultancy and Extension

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

The College has promoted research and consultancy proactively during the last four years. The Department of Botany, Geography and Hindi are recognized by the Goa University as research centers to carry out research leading to Ph.D. degree. Five faculty members are recognized by the University as research guides in different subjects. The College observed nearly 15% increase in the number of faculty acquiring Ph.D. The Chowgule Education Society created state-of-the-art research labs for Botany and Geography. A number of faculty members have published their research in reputed journals having good impact factor. Two books written by faculty of the college have been published in New Delhi and Brazil; also, four research articles have been published in books. Five major and nine minor research projects are ongoing and are funded by UGC, ICSSR and DST. The Department of Geography provides consultancy in GIS (Geographical Information Systems).

#### 3.2 Details regarding major projects

|                     | Completed | Ongoing | Sanctioned  | Submitted |
|---------------------|-----------|---------|-------------|-----------|
| Number              | -         | 4       |             | 1         |
| Outlay in Rs. Lakhs |           |         | 46,53,250/- |           |

#### 3.3 Details regarding minor projects

|                     | Completed | Ongoing | Sanctioned  | Submitted |
|---------------------|-----------|---------|-------------|-----------|
| Number              | 5         | 9       |             | 5         |
| Outlay in Rs. Lakhs |           |         | 10,82,000/- |           |

#### 3.4 Details on research publications

|                          | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals     | 6             | 1        | -      |
| Non-Peer Review Journals | 3             | 2        | -      |
| e-Journals               | 1             | -        | -      |
| Conference proceedings   | -             | -        | -      |

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

Range  Average  h-index  Nos. in SCOPUS

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

| Nature of the Project                                                | Duration Year | Name of the funding Agency | Total grant Sanctioned (INR) | Received (INR) |
|----------------------------------------------------------------------|---------------|----------------------------|------------------------------|----------------|
| Major projects                                                       | 2012-13       | UGC                        | 5,11,600                     | 5,11,600       |
|                                                                      | 2012-13       | ICSSR                      | 5,39,650                     | 2,00,800       |
|                                                                      | 2012-13       | UGC                        | 22,92,000                    | 13,00,000      |
| Minor Projects                                                       | 2011-12       | UGC                        | 1,65,000                     | 1,55,000       |
|                                                                      | 2012-13       | UGC                        | 90,000                       | 75,000         |
| Interdisciplinary Projects                                           | -             | -                          | -                            | -              |
| Industry sponsored                                                   | -             | -                          | -                            | -              |
| Projects sponsored by the University/ College                        | -             | -                          | -                            | -              |
| Students research projects (other than compulsory by the University) | -             | -                          | -                            | -              |
| Any other(Specify)                                                   | -             | -                          | -                            | -              |
| Total                                                                |               |                            | 3598,250                     | 22,42,400      |

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books   
 ii) Without ISBN No.

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

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

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

3.10 Revenue generated through consultancy

### 3.11 No. of conferences

organized by the institution

| Level               | International                                                                                                                                        | National | State | University | College |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|------------|---------|
| Number              | 1                                                                                                                                                    | 3        | 6     |            | 17      |
| Sponsoring agencies | University Grant Commission, Chowgule Education Society, Indian Academy of Science, Indian National Science Academy and National Academy of Science. |          |       |            |         |

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

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

|                     |                |                                       |             |
|---------------------|----------------|---------------------------------------|-------------|
| From funding agency | Rs. 7, 75,700/ | From Management of University/College | Rs. 6,100/- |
| Total               | Rs. 7, 81,700/ |                                       |             |

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

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

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

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| 2     |               |          | 1     |            |      | 1       |

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

5

2

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

-

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

JRF 3 SRF - Project Fellows Any other -

**3.21 No. of students Participated in NSS events:**

|                  |     |                     |     |
|------------------|-----|---------------------|-----|
| University level | -   | State level         | 130 |
| National level   | 150 | International level | 5   |

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

|                  |   |                     |    |
|------------------|---|---------------------|----|
| University level | - | State level         | 35 |
| National level   | 3 | International level | -  |

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

|                  |   |                     |   |
|------------------|---|---------------------|---|
| University level | - | State level         | - |
| National level   | - | International level | - |

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

|                  |   |                     |   |
|------------------|---|---------------------|---|
| University level | - | State level         | 2 |
| National level   | - | International level | - |

### 3.25 No. of Extension activities organized

|                  |                                |               |                                |                                          |
|------------------|--------------------------------|---------------|--------------------------------|------------------------------------------|
| University forum | <input type="text" value="-"/> | College forum | <input type="text" value="-"/> |                                          |
| NCC              | <input type="text" value="2"/> | NSS           | <input type="text" value="7"/> | Any other <input type="text" value="-"/> |

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

1. **H.U.M.A.N (Humans U & Me in Aid of the Need):** A series was initiated by 7 students in the academic year 2013-2014 for Social Visits and is functioning under the Department of Sociology. Other students, teaching faculty and non-teaching staff of this college are members of this group.

#### *Activities under H.U.M.A.N:*

- i. Visit to **St. Anthony's Home (Home for Girls):** A visit was organized in July 2013 to understand the life and the challenges faced by the girls and to provide them with necessities. The students also entertained them by cultural activities.
- ii. Visit to **Divine Providence Home (For the Aged):** A visit was organized in July 2013 to understand the problems of the aged, give them a listening ear, and provide them with necessities. The students also entertained them through song and dance.
- iii. Visit to **St. Joseph's Home for the Destitute:** A visit was organized in November 2013 to learn the challenges faced by the nuns in running the Home and to provide them with necessities.
- iv. Visit to **Nazareth Home for the Aged:** A visit was organized in 18<sup>th</sup> August 2013 to provide moral support, to understand their challenges and donate necessary items. The students also entertained them through song and dance.
- v. Visit to **Asra (Home for the homeless Children):** A visit was organized in January 2014 to have a dialogue with the authorities on the needs and the possibilities of help that the college could provide and also donate the necessities in the form of material needs collected by students. The students also entertained them through song and dance.
- vi. The college has been undertaking various activities to encourage the development of **Balwadi Children** in the following manner:
  - Invited the Balwadi Children to visit the college during the College fun-week in December 2013. The children were encouraged to participate in the various activities.
  - The children from two Balwadis were invited to the college for a Christmas Party in December 2013.
  - The college students undertook a collection drive in the college to collect drawing items like crayons, colour pencils and colouring books etc. for the Balwadi children.
  - The college staff and students contributed in a large way in providing the Balwadi children with daily necessities.



## 2. Chalo School Mega Drive:

This is an initiative of Butukak Memorial Trust (BMT), Goa, a non profit public charitable trust. This drive was planned for all the high schools from the state of Goa. The college has taken this drive as a community outreach program. This mega drive was organized in association with Collectors of North Goa and South Goa, Department of Education, NSS and NCC units of selected higher secondary and other colleges from Goa. This drive was planned to create awareness amongst the



*Chalo School Mega Drive*

general public and to protect and conserve the environment. The drive also tried to highlight deteriorating values, create waste management sense, traffic sense and inculcate a vision amongst children and youth to look at any problem with a wider and holistic perspective by developing scientific temper. (For more information refer the following website <http://www.bmtgoa.org>)

The College in association with BMT Goa also started a group named ‘SRUJAN’ for organising various activities under community outreach program through Chalo School Mega Drive on 25<sup>th</sup> November, 2013.

## 3. Other Activities organised by various departments:

Cultural and subject related competitions were organized by various departments where students from schools, higher secondary students and other colleges competed in various events. Below is the following list:

### DEPARTMENTAL

| SN | Activity                                                                                           | Department                                                          | Date/year                     |
|----|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------|
| 1. | World Population Day                                                                               | Geography                                                           | 11th July, 2013               |
| 2. | Occasion of ‘Lokmanya Tilak Punyatithi’                                                            | Marathi and Konkani                                                 | 1 <sup>st</sup> August, 2013  |
|    | Special Interactive Literary Programme on Shri. Shrikrishna Adsul’s literature                     | Marathi under the banner of Parvatibai Vachan Mandir (Readers Club) | 3 <sup>rd</sup> August, 2013  |
| 3. | Special Interactive Literary Programme under the banner of Parvatibai Vachan Mandir (Readers Club) | Hindi and Konkani                                                   | 13 <sup>th</sup> August, 2013 |
| 4. | Cycle Rally                                                                                        | Sociology in collaboration with the Tigers Cycling Club             | 15 <sup>th</sup> August, 2013 |
| 5. | Outreach Programme to Nazareth old age home at Navelim                                             | Sociology under ‘Social Club’                                       | 18 <sup>th</sup> August, 2013 |
| 6. | Weekly quiz                                                                                        | Office of Information Technology (OIT)                              | August, 2013                  |
| 7. | Field Visit to the Institute of Psychiatry                                                         | Psychology                                                          | 27 <sup>th</sup> August, 2013 |

|     |                                                                                                                                 |                                                                                       |                                                                  |
|-----|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------|
|     | and Human Behaviour, Bambolim                                                                                                   |                                                                                       |                                                                  |
| 8.  | “Shakespeare Festival - The Bard by the Mandovi 2013”                                                                           | English                                                                               | 24 <sup>th</sup> September, 2013                                 |
| 9.  | ‘Hindi Saptah’                                                                                                                  | Hindi                                                                                 | 18 <sup>th</sup> to 25 <sup>th</sup> September, 2013             |
| 10. | ‘Monthly Reader’s Club program’                                                                                                 | Hindi                                                                                 | 30 <sup>th</sup> September, 2013                                 |
| 11. | Lecture series cum field work on “Coastal Geomorphology”                                                                        | Geography                                                                             | 23 <sup>rd</sup> to 26 <sup>th</sup> October, 2013               |
| 12. | Chalo School Mega Drive, “SRUJAN”                                                                                               | Parvatibai Chowgule College of Arts and Science                                       | 25 <sup>th</sup> November, 2013                                  |
| 13. | Under MOU - visit to Rajasthan - interactive sessions with faculty and students of the Department                               | Geography                                                                             | 6 <sup>th</sup> to 16 <sup>th</sup> November, 2013               |
| 14. | Under MOU - Visit to Waseda University, Tokyo, Japan - Student-Faculty Exchange Programme                                       | Parvatibai Chowgule College of Arts and Science                                       | 9 <sup>th</sup> to 24 <sup>th</sup> November, 2013               |
| 15. | Tour to Chennai – visit to Madras Colleges, University etc                                                                      | Economics                                                                             | 18 <sup>th</sup> to 24 <sup>th</sup> November, 2013              |
| 16. | Personal grooming and personality enhancement course                                                                            | Students Support Service (Under Career/ Personal Counseling Centre)                   | Diwali Vacations, 2013                                           |
| 17. | Visit to Pune - Colleges, and Pune University                                                                                   | Students Support Service (Under Career/ Personal Counseling Centre)                   | 11 <sup>th</sup> November 2013                                   |
| 18. | Subject Talk - “Fiscal Federalism; Theory and Practice”                                                                         | Economics                                                                             | 17 <sup>th</sup> December, 2013                                  |
| 19. | Field Trip To Maharashtra – Visit to Shri Sharadchandra Pawar College, Lonand Satara and Balasaheb Desai College, Patan, Satara | Marathi                                                                               | 27 <sup>th</sup> December, 2013 to 1 <sup>st</sup> January, 2014 |
| 20. | ‘Mind Kraft’                                                                                                                    | Psychology and Students Support Service (Under Career and Personal Counseling Centre) | 9 <sup>th</sup> and 10 <sup>th</sup> January, 2014               |
| 21. | Talk on ‘Rational Emotive Behaviour Therapy’ (REBT) by Mr. Clifford Desilva                                                     | Psychology                                                                            | 21 <sup>st</sup> January, 2014                                   |
| 22. | Presentation on "Helping Students Avoid Plagiarism"                                                                             | Student Support Services (Under Writing Center)                                       | 14 <sup>th</sup> February, 2014                                  |
| 23. | Talk on “Security Markets & Investor Awareness Programme” by Mr. Allen D’Souza                                                  | Economics                                                                             | 24 <sup>th</sup> February, 2014                                  |
| 24. | Talk on “D-Link Academy Certification Program”                                                                                  | Computer Science                                                                      | 6 <sup>th</sup> March, 2014                                      |
| 25. | ‘Spoken Tutorial Program’, a project by IIT, Mumbai that was started in “PHP & MySQL”                                           | Computer Science                                                                      | 7 <sup>th</sup> March, 2014                                      |
| 26. | E-Waste Collection drive, “A Green Earth Initiative”                                                                            | Computer Science in collaboration with GroupTenPlus                                   | 10 <sup>th</sup> to 15 <sup>th</sup> March, 2014                 |
| 27. | “Model out of E-Waste” Competition                                                                                              | Computer Science                                                                      | 12 <sup>th</sup> March, 2014                                     |
| 28. | ‘Literati!’                                                                                                                     | English                                                                               | 12 <sup>th</sup> and 13 <sup>th</sup> March, 2014                |
| 29. | Career Camp                                                                                                                     | Students Support Service (Under Career/Personal Counseling Centre)                    | 27 <sup>th</sup> to 29 <sup>th</sup> March, 2014                 |

|     |                                                      |                                                                     |                        |
|-----|------------------------------------------------------|---------------------------------------------------------------------|------------------------|
| 30. | Personal Grooming And Personality Enhancement Course | Students Support Service (Under Career/ Personal Counseling Centre) | Summer Vacations, 2014 |
|-----|------------------------------------------------------|---------------------------------------------------------------------|------------------------|

### INTERCOLLEGIATE AND INTER HIGHER SECONDARY EVENTS

| SN  | Activity                                                                                   | Department                    | Date/year                                            |
|-----|--------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|
| 1.  | ‘Gigatech’13’                                                                              | Computer Science              | 6 <sup>th</sup> August, 2013                         |
| 2.  | ‘Srujanotsav 2013’                                                                         | Konkani                       | 14 <sup>th</sup> to 20 <sup>th</sup> August, 2013    |
| 3.  | Occasion of ‘Tulsi Evam Premchand Jayanti’- ‘Ekal Abhinay’ and ‘Katha Kathan’ competitions | Hindi                         | 21 <sup>st</sup> August, 2013                        |
| 4.  | ‘Geographize’                                                                              | Geography                     | 26 <sup>th</sup> September, 2013                     |
| 5.  | Annual Athletic Meet 2013’                                                                 | Physical Education and Sports | 29 <sup>th</sup> and 30 <sup>th</sup> November, 2013 |
| 6.  | ‘Navankur Kalamatshotsav’                                                                  | Marathi                       | 2 <sup>nd</sup> December, 2013                       |
| 7.  | ‘Pegasus 2013’                                                                             | English                       | 5 <sup>th</sup> and 6 <sup>th</sup> December, 2013   |
| 8.  | One-Act Competition on the theme ‘Psychology in Mythology’                                 | Psychology                    | 14 <sup>th</sup> December, 2013                      |
| 9.  | ‘SYNAPSE’                                                                                  | Biotechnology                 | 17 <sup>th</sup> December, 2013                      |
| 10. | ‘Elocution Competition’                                                                    | Hindi                         | 8 <sup>th</sup> January, 2014                        |
| 11. | ‘Saptarang Kalaspardha’                                                                    | Marathi                       | 13 <sup>th</sup> to 18 <sup>th</sup> January, 2014   |
| 12. | ‘Sociofiesta’                                                                              | Sociology                     | 14 <sup>th</sup> and 15 <sup>th</sup> February, 2014 |
| 13. | “NEBULA 2014”                                                                              | Geology                       | 22 <sup>nd</sup> February, 2014                      |
| 14. | ‘Revelations 2014’                                                                         | Economics                     | 7 <sup>th</sup> and 8 <sup>th</sup> March, 2014      |



‘Saptarang Kalaspardha’



**‘Sociofiesta’**



**‘Psychology in Mythology’**



## Criterion – IV

### 4. Infrastructure and Learning Resources

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

| Facilities                                                                        | Existing       | Newly created | Source of Fund                    | Total       |
|-----------------------------------------------------------------------------------|----------------|---------------|-----------------------------------|-------------|
| Campus area                                                                       | 53190 sq. mtrs | -             | CES                               | 53190       |
| Class rooms                                                                       | 31             | 11            | CES                               | 42          |
| Laboratories                                                                      | 12             | -             | CES                               | 12          |
| Seminar Halls                                                                     | 2              | -             | CES                               | 2           |
| No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year. | -              | -             | -                                 | -           |
| Value of the equipment purchased during the year (Rs. in Lakhs)                   | 62,32,697.85   | 39,20,905     | CES, Govt. of Goa & College funds | 1,01,53,603 |
| Others                                                                            | -              | -             | -                                 | -           |

#### 4.2 Computerization of administration and library

An independent building is allocated to the library. The library has a total area of 567.60 sq mtrs with a seating capacity for 202 students. It is equipped with chairs, tables and computers with access to internet and Wi-Fi connectivity. There is a separate lounge with a seating arrangement available to users for relaxed reading and access to internet. It has a security desk, property counter, circulation counter service and also a multimedia lounge section. The book stack area in the library holds books whose acquisition can be done through a separate section; there is a reference section, a thesis section and also a dissertation section. Besides these, periodicals, audio visual sections are also situated within the premises. The library building has a teleconferencing facility on the ground floor for video conferencing with a large screen, cameras, monitors and speakers. It also has a photocopying centre that provides facilities of photocopying, spiral binding, lamination and colour photocopier. Photocopying of library resources are permitted, subject to copy right regulations. A software called Pcounter is available that provides centralized network printing i.e. E-Printing/Network Printing facility that is available to all users and it maintains their respective Pcounter balances. The college provides 70 printing credits per student.

The library has its own homepage on the college website, which provides web-based access to its resources, through INFLIBNET. Faculty and students can use their ID to access 2100 E-Journals and 45,000 e-books. They also have access to innumerable E-resources through Science Direct. The library is a part of the institute-wide network and has adequate computing infrastructure to cater to the needs of the users. The WI-FI facility in the reading area continues to attract users who bring in their laptops to have seamless access to print and access electronic resources. The Online Public Access Catalog (OPAC) is one of the most heavily used databases of the library and is accessible 24x7 via library web page. Besides listing all the documents available in the library, it allows on-line reservation, circulation, fine collection and indicates status of a

particular book. OPAC is searchable through name of author, title accession number, subject and several other fields.

#### 4.3 Library services:

|                  | Existing |             | Newly added |             | Total |             |
|------------------|----------|-------------|-------------|-------------|-------|-------------|
|                  | No.      | Value (INR) | No.         | Value (INR) | No.   | Value (INR) |
| Text Books       | 16976    | 350000      | 658         | 300000      | 17634 | 6500000     |
| Reference Books  |          |             |             |             |       |             |
| e-Books          | 45000    |             |             |             | 45000 |             |
| Journals         | 60       | 100000      |             |             | 60    | 100000      |
| e-Journals       | 2100     |             |             |             | 2100  |             |
| Digital Database |          |             |             |             |       |             |
| CD & Video       | 545      | 100000      |             |             | 545   | 100000      |
| Others (specify) |          |             |             |             |       |             |

#### 4.4 Technology up gradation (overall)

|          | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|----------|------------------|------------------|--------|-------------|--------|
| Existing | 382             | 9             | 24 MBBS  | Lab1, Lab2, Lab3 | Lab1, Lab2, Lab3 | 217    | 135         | 30     |
| Added    | 10              | -             | -        | -                | -                | -      | -           | 10     |
| Total    | 392             | 9             | 24 MBBS  | 3                | 3                | 217    | 135         | 40     |

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

Individual training is provided to students and staff on MS-Word, MS-Excel, the college email i.e. C-Mail, college website and basic training required to surf the Internet.

Use of e- learning resource : CLAAP , inflibnet, grade tracking , uploading of assignments

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

|                                          |                   |
|------------------------------------------|-------------------|
| i) ICT                                   | INR 13.94         |
| ii) Campus Infrastructure and facilities | INR 151           |
| iii) Equipments                          | INR 19.26         |
| iv) Others                               | INR 8.35          |
| <b>Total :</b>                           | <b>INR 192.55</b> |

## **Criterion – V**

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

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

The college has well established Students Support Service. Separate sections under Students Support Services like the Writing Centre, Personal and Career Counselling, Statistical Analysis, Grooming and Personality Development and Student Exchange Programmes to foreign countries are undertaken by this centre. The role of IQAC in enhancing Students Support Service has been commendable. The students are advised by faculty to take the assistance of the writing centre with respect to improving the language, plagiarism guidelines, etc of their assignments. This has ensured better quality of assignments submitted by the students. Also, the personnel in the statistical analysis cell have helped the third year students in understanding research methodology and statistical applications for their projects. Periodic sessions in personality development and grooming are conducted. Besides, personal and career counselling are also always available to the students.

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

The IQAC has been proactive in monitoring the progression of students, the departments and thereby the institution. The institution has adopted a system wherein the students are required to set a target in terms of percentage of marks. They would strive to score in the subjects they have offered, which then is regularly monitored by their mentors at every stage in the meetings that are held between them. In a way the mentors take a responsibility of ensuring a steady progress of a student through his or her career by providing necessary inputs and advice for them to reach their goal or target they have set in advance. Such an exercise enhances the reputation of a department as well.

The faculty of the college, with respect to their departments, identifies institutions or departments of repute and higher standing in the country as an exercise for setting a bench mark. Efforts are made to undertake visits to such institutes. This is done keeping in view the shortfalls or shortcomings of their own and identifying the best practices adopted by these institutes to achieve the success that they have so far. The exercise also involves in understanding their course or curriculum and subsequently trying to adopt that which could be ideal in our context. The intent is to keep pace with those who have gained reputation and process achieves a standard for ourselves.

Benchmarking enables to set standards, how to achieve those standards and to analyze where the department /institute stands with respect to these standards. This further enables to act/performance accordingly to achieve higher standards. Benchmarking is a means of comparing the college's / department's performance or standards, or both, with those of its peers. It is a means by which the college / department can monitor its relative performance, identify gaps, seek fresh approaches to bring about improvements, set goals, establish priorities for change and resource allocation, and follow through with change processes based on empirical evidence.

Benchmarking projects may involve a formal request for information and/or an agreement with another institution. Benchmarking is to identify the weaknesses within and improve upon them. Benchmarking allows the departments to:

- Identify and monitor standards and performance in order to improve college outcomes, processes and practices.
- Discover new ideas for achieving the institute's 'core objectives' as outlined in its Strategic Plan.
- Provide an evidence-based framework for change and improvement.
- Inform planning and goal setting.
- Improve decision-making through referencing comparative data.
- Bring an external focus to internal activities.

### 5.3 (a) Total Number of students

| UG  | PG  | Ph. D. | Others |
|-----|-----|--------|--------|
| 754 | 132 | 2      | -      |

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

11

### (c) No. of international students

2

|     | No  | %   |       | No  | %   |
|-----|-----|-----|-------|-----|-----|
| Men | 239 | 27% | Women | 649 | 73% |

| Last Year |    |    |     |                       |       | This Year |    |    |     |                       |       |
|-----------|----|----|-----|-----------------------|-------|-----------|----|----|-----|-----------------------|-------|
| General   | SC | ST | OBC | Physically Challenged | Total | General   | SC | ST | OBC | Physically Challenged | Total |
| 746       | 4  | 30 | 44  | 0                     | 824   | 773       | 8  | 32 | 74  | 1                     | 888   |

**Demand ratio**

**Dropout %**

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

Through IQAC the college prepares the students for Competitive examinations, with the focus on two domain areas:

- NET / SET
- UPSC Exams

NET / SET training programs are conducted during the vacations. Post Graduate students are provided coaching for answering NET / SET exams.

Regular talks on career opportunities and prospects are conducted by the Students Support Services cell and coaching is given for logical reasoning, aptitude testing and improving comprehensive English.

**No. of students beneficiaries**

139

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

|             |   |           |   |      |   |        |   |
|-------------|---|-----------|---|------|---|--------|---|
| NET         | 1 | SET/SLET  | - | GATE | - | CAT    | - |
| IAS/IPS etc | - | State PSC | - | UPSC | - | Others | - |



## 5.6 Details of student counselling and career guidance

The Career Counselling Unit of the college conducts a session for students on how to effectively answer interviews. Campus interviews are held and selected students are tracked until the date of joining the company. The unit has organised various activities like personal grooming and personality enhancement course, intercollegiate events like Mind Kraft. A 'Career Camp' and various workshops on 'Developing Effective Study Skill', 'Career Guidance', 'Interview Skills', "Effective Study Skills, Habits" etc. were also conducted by the centre.

No. of students benefitted

238

## 5.7 Details of campus placement

| <i>On campus</i>                |                                 |                           | <i>Off Campus</i>         |
|---------------------------------|---------------------------------|---------------------------|---------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Number of Students Placed |
| 1                               | 25                              | 10                        | 4                         |

## 5.8 Details of gender sensitization programmes

The college has a very amicable environment and does not allow gender discrimination followed in the campus. It has high literacy standards and hence there are no issues of gender discrimination on the campus.

## 5.9 Students Activities

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

State/ University level

197

National level

38

International level

-

### No. of students participated in cultural events

State/ University level

52

National level

16

International level

-

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

**Sports:** State/ University level

87

National level

38

International level

-

**Cultural:** State/ University level

14

National level

4

International level

-



### Athletics

#### 5.10 Scholarships and Financial Support

|                                                                      | Number of students | Amount (INR) |
|----------------------------------------------------------------------|--------------------|--------------|
| Financial support from institution                                   | 3                  | 4,500        |
| Financial support from government                                    | 39                 | 39,442       |
| Financial support from other sources                                 | 20                 | 1,74,100     |
| Number of students who received International/ National recognitions | -                  | -            |

#### 5.11 Student organised / initiatives

|             |                           |                                |                |                                |                     |                                |
|-------------|---------------------------|--------------------------------|----------------|--------------------------------|---------------------|--------------------------------|
| Fairs       | : State/ University level | <input type="text" value="5"/> | National level | <input type="text" value="6"/> | International level | <input type="text" value="-"/> |
| Exhibition: | State/ University level   | <input type="text" value="4"/> | National level | <input type="text" value="-"/> | International level | <input type="text" value="-"/> |

5.12 No. of social initiatives undertaken by the students

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

# **Criterion – VI**

## **6. Governance, Leadership and Management**

### **6.1 State the Vision and Mission of the institution**

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

MISSION: “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 have a management Information System**

Yes, the Institution does have a Management Information System of its entire staff including the database of even newly appointed staff members.

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

#### **6.3.1 Curriculum Development**

The College has developed its curriculum through constructive classroom interactions i.e. presentations, assignments, discussions, workshops, seminars, industrial visits, study tour, village surveys, benchmarking, institutional visits, problem solving method, research based education apart from regular/traditional teaching methods. Every head of the department along with the faculty of the respective department prepares a detail plan for each course taught. This plan is then uploaded on the college website, under the domain of CLAAP (Chowgules Learn Anytime Any Place). This helps the students to plan their own schedule. Through this, students get an overview of the entire course, its sub-topics and schedule. The topics for assignments are also displayed in this plan. This again helps the students to plan their time. Training programs in academic writing, brainstorming & Mind Mapping, project writing, problem solving and bibliography writing are often imparted to students.

#### **6.3.2 Teaching and Learning**

The methodologies adopted in the development of curriculum ensure students centric approach towards a subject and enabled teachers to plan the course and device effective ways of teaching concepts. It also, helped the students to have a pre-hand knowledge of the topic, for him or her to be acquainted with the same at the time of a class/lecture. Apart from this, the use of Chowgules Learn Anytime Any Place (CLAAP) radically increased the teacher-student interaction on with the availability of course materials, practical journals, online and further assessment. Special Lectures were organised by a few departments inviting guest speakers as subject experts in their field to share their knowledge and experience.

### **6.3.3 Examination and Evaluation**

Under the semester system adopted by the university, the recommended modes of assessment are in the form of ISA and SEE within the framework allowed, the college has implemented the same in the following ways:

- The examination committee setup by the college monitors the overall system of examination. This includes at the first stage preparation of the examination schedule (Time Table), Collection of manuscripts of the question papers and their photocopying, under confidentiality, allotment of invigilation duties, accepting assessed answer books.
- Having centralised the conduct of both ISA and SEE confidentiality and transparency is maintained. The schedule of examination in the form of time table is put-up on the college website well in advance. The weight-age of marks at the two modes of examination is displayed on standing boards in the campus.
- At the ISA, faculty has the freedom to examine the students in terms of written test, presentations viva voca, assignments, problem solving, MCQs etc.
- Students are motivated further to endorse these assignments through the writing centre. This ensures an improvement in their academic writing skills.

#### Quicker Process:

- To ensure error free question papers, manuscripts are obtained from teachers in a typed form.
- Provision is also made for online submission and assessment of assignments.
- Problem based learning has encouraged both independent and group activity. Some of the faculty has adopted this as a mode of ISA.
- Assessed ensured answer books are rechecked to ensure a zero-error in assessment and the marks obtained by the student are uploaded on the system provided by the college.
- This data is the analysed using a software and results are declared online.

### **6.3.4 Research and Development**

The college has been encouraging and promoting research amongst the faculty. A research centre in Hindi has already been established. While the Goa University has also granted an approval to this effect to the department of Geography (2014). 11 workshops related to research were organised to create an environment and awareness in the college. Review meetings in this regards were held. The faculty was encouraged to apply for research projects. An e-journal on research in the college is uploaded on the college website. 15 teachers published research papers and 32 presented research papers at various forums.

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

The College library has teleconferencing and INFLIBNET facility providing access to 3200 research journals and encouraging the users to use e-resources; besides books, the library is now digitalized for online accession and reservation of reference material. The library subscribes to research journals and magazines published by various teaching departments of different universities and academic research institutions. Library also has a collection of educational video resources as well as movie DVDs. These are specially used by the language departments to enhance the learning process of students and to make their use in discussions and debating. Library arranges hand delivery of reference material and books to physically handicapped students. Internet facility is made available at the library in the well-equipped laboratories. Internet is also available through-out the campus through WI-FI. Library is open on all working days from 8.30am to 5.30pm and the library reading room is kept open till 10pm during the examination days. It also has a photo copying center providing facilities of photocopying, spiral binding, lamination and colour Xerox. Photocopying of library resources are permitted, subject to copy right regulations. P-counter software provides centralized Network printing i.e. E-Printing/ Network Printing facility that are available to all users.

### 6.3.6 Human Resource Management

The institute retains and recruits dynamic faculty who has potential to progress in teaching, research, co-curricular and extracurricular 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.

- **Planning:** Vacancies are decided according to student enrolment, introduction of new courses or retirement 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. The faculty is sourced nationally by advertising the posts in national and local newspapers, as well as via website display of advertisement.
- **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, no discrimination is 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 their qualifications and performance. The college has a high number of female members. The male to female ratio is 42: 58. The faculty of the college has members from different religions, caste and community.
- Departments under social sciences and languages are provided with secretarial support for administration. Those involved in active research are also given research assistants and 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 such categories as:
  - 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

### 6.3.7 Faculty and Staff recruitment

As mentioned above (point no. 6.3.6), the selection and recruitment is done following laid down procedure of the University and in concurrence with the Directorate of higher education.

### 6.3.8 Industry Interaction / Collaboration

The college makes arrangements for campus interviews wherein various industry and Company executives visit the college campus. This year more emphasis was given for internship. A tie up has been established with certain companies/industries with whom a regular coordination and correspondence is maintained

through the HR. The college has many collaborations and linkages under internship, course linkages and teaching linkages. Some of them are mentioned below:

- i. CIPLA, Pharmaceutical, Laboratory
- ii. National Institute of Oceanography
- iii. Transverse Technologies
- iv. Inventron
- v. Apollo Victor Hospital
- vi. NUSI Wockhart Hospital
- vii. University of Rajasthan, Jaipur
- viii. D-Link India Ltd.

Many faculties of the college remain in correspondence with various companies/ industries on various aspects that are related to their subject/ projects.

### 6.3.9 Admission of Students

The admission of students to various courses is done through online facility.

- **Online Admissions:** The College has a transparent administrative process:
    - Application forms for all programs are made available online.
    - Online forms can be accessed from any location as soon as the admission date is declared.
    - Online applications are then scrutinized for eligibility, and further processed for admission.
    - Eligibility list is displayed on the college website.
    - For programs that have entrance tests, the list of selected students is also displayed on the college website.
  - **Admission Committee:** The College has an Admission Committee which looks into the admission process. There are multiple 'help desks' set up for helping students during the admission process. The committee also sets up 'admission counselors' who help students to make the right selection of a course. The admission committee also conducts periodical reviews. The feedback of the committee members, teachers, parents and students are taken into account to create a smoothly functioning, and simple admission process.
- All Inclusive Admission policy:** The College practices a fair means of admissions and does not deprive any student from getting admission to the course based on religion, caste, community, gender etc.
- No seats are reserved under management quota. The college does not offer seats to any programme on the basis of donations/ recommendations.
  - The college has adopted the state government stipulated reservation policy.
  - Students are given support in terms of free-ships and scholarships. The 'Earn while you Learn Scheme' is made available to help the economically backward students.
  - The college also makes infrastructural changes to enable physically challenged students to pursue studies at the institute.

**6.4 Welfare schemes for**

|              |                                                                                                                                                                                                                                                                    |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Teaching     | <ul style="list-style-type: none"> <li>- Educational Aid Fund</li> <li>- Travelling allowance</li> <li>- Reimbursement of medical</li> <li>- Faculties doing Ph.d get 15 days salary.</li> <li>- Research Assistants are provided.</li> </ul>                      |
| Non teaching | Workshops on <ul style="list-style-type: none"> <li>- Mind Sport: The Game of Bridge on 18<sup>th</sup> Sept 2013<br/>Resource Person – Mr. Amaresh Deshpande.</li> <li>- Investment Awareness on 2nd June 2013.<br/>Resource Person - Mrs. Annie Rajan</li> </ul> |
| Students     | <ul style="list-style-type: none"> <li>- Earn while you learn</li> <li>- Students Aid Fund</li> </ul>                                                                                                                                                              |

**6.5 Total corpus fund generated**

Rs. 7, 35, 00,000/-

**6.6 Whether annual financial audit has been done**
☒ Yes ☐ No
**6.7 Whether Academic and Administrative Audit (AAA) has been done?**

| Audit Type     | External |                                 | Internal |                                                 |
|----------------|----------|---------------------------------|----------|-------------------------------------------------|
|                | Yes/No   | Agency                          | Yes/No   | Authority                                       |
| Academic       | Yes      | Directorate of Higher Education | Yes      | Parvatibai Chowgule College of Arts and Science |
| Administrative | Yes      | Directorate of Higher Education | Yes      | Parvatibai Chowgule College of Arts and Science |

**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?**

N. A.

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

The University has laid down the statutes for Autonomy and the college has submitted its proposal for granting autonomous and has the Vice Chancellor has nominated a screening committee to oversee the feasibility of autonomy for its affiliated colleges.



## 6.11 Activities and support from the Alumni Association

### Chowgule College Alumni Meet

The college with the help of the present students organised a two days ‘**Alumni Meet**’ in the College campus on 21<sup>st</sup> December 2013 as a part of its Golden jubilee year celebrations. Principal, Dr. R.V. Gaonkar warmly welcomed the invitees that included ex-students going back to the first batch of the year 1962 amongst others and also, the retired teachers’. The Campus was abuzz with varied activities like meet and greet ex teachers’ Music, dance and other forms of entertainment.

### Alumni Connect:

The college made efforts to create database of alumni so that regular updates on upcoming events could be shared with them.

### Social Media outreach:

A Chowgule College Alumni Network page on the college website was created to bring together all the alumni onto a common platform. Alumni continue to maintain contact with each other on the page, whereon presently 687 alumni are registered.

### Founder’s Day 2013:

As a tribute to its founder late Shri Vishwasrao Chowgule, the 25<sup>th</sup> of August is celebrated as Founder’s Day at the College every year. The birth anniversary of the visionary leader, Founder’s Day aims to instill a higher vision of excellence amongst students and staff. The last few years featured guest personalities from the fields of sports, literature and cultural such as Viswanathan Anand, Geet Sethi, Chetan Bhagat and Nandita Das at the campus for a talk followed by an interactive session with the students. In August 2013, Agnello Dias a known figure in the field of advertisement was invited as a speaker on this day.

‘**Alumni Hour**’ was held for the first time in College Campus. Alumni renowned in their field were invited to deliver talks,

- a) **Shri Datta Naik, Director at Commonwealth Developers Real Estate Company** delivered a talk on the topic ‘Why India is Poor and how we can improve in years to come’ on 12<sup>th</sup> February 2014.



**Founder’s Day**

- b) **Shri Dilip Kare, Director of Adarsh Institute of Management, Goa** spoke on the topic ‘The depreciation in value of Indian Rupee and whether common man in India should worry’ to the students, supporting staff and faculty on 5<sup>th</sup> March 2014.

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

|   |
|---|
| - |
|---|



### 6.13 Development programmes for support staff

The College organised two sessions for development of supporting staff:

- An awareness session on **‘Financial Education’** for the Chowgule Supporting Staff was conducted by Miss Annie Rajan, Lecturer, Computer Science, Dhempe College on 28th June 2013.
- The college organised an understanding session on **‘Bridge Card Game’** by Amaresh Deshpande on 18th Sept 2013. The purpose was to introduce a card game that would enable staff members to improve their strategic thinking and decision making skills.

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

- **Energy Conservation and Use of Renewable Energy:** Facilities built on the campus since the last accreditations have been designed to make use of natural light and ventilation. The indoor futsal court/stadium, called the “Tiger’s Ghol”, does not require artificial lighting or ventilation. Similarly the multipurpose open hall “the Quad” inside the campus is covered with transparent sheets and shaded protection to allow natural lighting. The place does not make use of artificial lighting. Much of the leisure/study “sit-outs” for students are erected in the open under the trees. All these reduce the use of electricity and promote the use of renewable energy.
- **Water Harvesting and Checking Soil Erosion:** The College is in the process of constructing “Soak Pits” for the purpose of recharging of bore wells. It has also used interlocking pavers to allow rain water to percolate down to earth instead of losing all the rain-water as a surface wash. The College has built retaining walls to check soil erosion during the monsoons. These walls not only check soil erosion but also slow down the water escape during the rainy season. Stone pitching is done to stabilize the slopes and control soil erosion.
- **Efforts for Carbon Neutrality and Plantation:** The College utilizes the services of the NCC cadets and NSS Volunteers to popularize and undertake tree plantation in the community. These exercises are done annually with varying degrees of success. The College, as part of community service, makes its own efforts towards Carbon Neutrality.
- **Hazardous Waste and E-waste Management:** The e-waste produced in the College is sent to the Government collection centre, routinely, for proper disposal. Pilot project of vermin-composting has been installed. On experiencing success the model will be multiplied and demonstrated to the general public. Empty plastic bottles are reused for micro-level irrigation.

## 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.

Some of the innovative activities conducted during this academic year were introducing of

- i. **Faculty hours**– it is a forum where the faculty is provided a platform to carry out / share their research work / experience in their field with other faculty. The faculties who did their presentations are as under:
  - a. “Rupee Depreciation: Is it Beneficial for India” by Dr. D. Majumdar, Economic Department on 28.08.13.
  - b. “A New Neutron Lifetime Experiment, using an Accordion-like Storage Trap” by Dr. Ashish Desai, Physic Department on 28.08.13.
  - c. "Recent Trends in Sports Sciences" by Dr. Devashish Bagchi, Sports Department on 04.12.13.
  - d. "Glimpse of my research..." by Dr. Shanti N. Dessai, Zoology Department on 04.12.13.
  - e. “Research Findings on use of ICT in Teaching Learning” by Mrs. Sameena Falleiro, Computer Science on 22.01.14.
- ii. **Internship** –Under a tie up with research institutes like NIO and industries like CIPLA, Chowgule Automobile, Inventron etc. The college offers a one month summer internship to its undergraduate and post graduate students at these organisations. This is done to bring in a sense of responsibility in them and encourage them to have hands on training in the fields of their choice besides having a firsthand experience of a work environment.

Application Procedure: Interested students are given the job description of the work at the organization. The students have to apply with a resume and a cover letter. The interviews are scheduled at the organization.

- iii. The internship officer takes every week a report from the intern and produces a monthly report of the work they did at the organization. At the end of the internship, an Internship Ceremony is organized by the college. Parents of the interns and company officials are invited for the ceremony wherein the students are given an Internship Certificate from College and a letter of Commendation from the organization at which they worked. A special award i.e. the star performers (nominated by the organisation) for exceptional work in the organisation is given by the college to such a student. The student gets a stipend for their effort and accountability. 51 students successfully completed the 1 month internship at various organizations in Goa. They are

| S.N. | Name of Student    | Year/Stream | Internship Details / Organization Name                       |
|------|--------------------|-------------|--------------------------------------------------------------|
| 1    | Shubha Sinai Barad | TYBA        | Tiger studio - Multimedia Studio                             |
| 2    | Ankita Naik        | SYBSc       | Quadros Motors , Customer Care/Sales                         |
| 3    | Sheetal Chottai    | SYBSc       | Quadros Motors , Customer Care/Sales                         |
| 4    | Swini Fondekar     | SY BA       | Chowgule Automobile , Customer Care                          |
| 5    | Ashwinini Raut     | SYBA        | Arjun Tree, Real Estate                                      |
| 6    | Stacy Ann Coutinho | F.Y.B.Sc    | Grace Cardiac Hospital                                       |
| 7    | Amey Gaonkar       | FY BSC      | Quadros Motors , Customer Care/Sales                         |
| 8    | Aishwarya Desai    | SYBA        | Common Wealth Developers , Real Estate                       |
| 9    | Karen Alalia       | SYBA        | Quadros Motors , Customer Care/Sales                         |
| 10   | Tanvi Dessai       | TYBSC       | Cinnamon Teal , Book Publishing , Job Offer after internship |

|    |                     |               |                                                          |
|----|---------------------|---------------|----------------------------------------------------------|
| 11 | Vileea Rodrigues    | FYBSC         | Grace Cardiac Hospital                                   |
| 12 | Juvella Rebello     | FYBSC         | City Hospital                                            |
| 13 | Sampada Padwalkar   | SYBSC         | NUSI Wockhardt Hospital                                  |
| 14 | Krithika Vohra      | SYBSC         | NUSI Wockhardt Hospital                                  |
| 15 | Freedra Vales       | SYBSC         | Grace Cardiac Hospital                                   |
| 16 | Arlette Sequeira    | SYBSC         | Grace Cardiac Hospital                                   |
| 17 | Muriel Fernandes    | SYBSC         | Grace Cardiac Hospital                                   |
| 18 | Abigail Sena        | SYBSC         | City Hospital                                            |
| 19 | Kenisha Vaz         | SYBA          | Reynold Events Management                                |
| 20 | Rosanne Barreto     | FYBA          | Carpe Diem , Art Gallery                                 |
| 21 | Neha Redkar         | TY BSC        | Apollo Victor Hospital                                   |
| 22 | Shaunna Fernandes   | SYBA          | AROS Events Management                                   |
| 23 | Alisha Fernandes    | FYBA          | Swaruchi Fashion Retail                                  |
| 24 | Savio Misquita      | FYBA          | Chowgule Automobile , Sales                              |
| 25 | Bhenusha Bhat       | FYBA          | Quadros Motors , Customer Care/Sales                     |
| 26 | Zulieka Fernandes   | SYBSC         | Apollo Victor Hospital                                   |
| 27 | Hyacintha Montiero  | SYBA          | Tara Trust NGO                                           |
| 28 | Noel Goes           | SYBA          | Tara Trust NGO                                           |
| 29 | Sharat Raikar       | SYBA          | Fashion Big Bazar Retail                                 |
| 30 | Shubham Gude        | SYBA          | Fashion Big Bazar Retail                                 |
| 31 | Abigail Furtado     | FYBSC         | NUSI Wockhardt Hospital                                  |
| 32 | Prachiti Chodankar  | SYBSC         | NUSI Wockhardt Hospital                                  |
| 33 | Nidhi Fernandez     | SYBA          | Salgaocar Sports Club , sports Management                |
| 34 | Chloe Fernandes     | SYBA          | Salgaocar Sports Club , sports Management                |
| 35 | Vania Coutinho      | SYBA          | Salgaocar Sports Club , sports Management                |
| 36 | Laxmi Malla         | SYBSC         | United Breweries , Laboratory                            |
| 37 | Mahira Shaikh       | FYBSC         | NUSI Wockhardt Hospital                                  |
| 38 | Nishat Sadekar      | FYBSC         | NUSI Wockhardt Hospital                                  |
| 39 | Radha Shinkre       | TYBA          | Leelas Hotel , Front Office                              |
| 40 | Ariska Vaz          | TYBA          | Leelas Hotel , Front Office                              |
| 41 | Carissa Rodrigues   | TYBA          | Leelas Hotel , Front Office                              |
| 42 | Sukanya Chari       | TYBA          | Leelas Hotel , Front Office                              |
| 43 | Geeta Jamuni        | TYBA          | Leelas Hotel , Front Office                              |
| 44 | Halima Shaikh       | TYBA          | Leelas Hotel , Front Office                              |
| 45 | Sneha Kombath       | TYBA          | Leelas Hotel , Front Office                              |
| 46 | Castor Godinho      | SYBSC         | Inventron, Robotics Programming                          |
| 47 | Akshay Murali       | SYBSC         | Inventron, Robotics Programming                          |
| 48 | Ankita Chatopadhyay | SYBSC         | National Institute of Oceanography, Scientific research  |
| 49 | Joella Leitao       | SYBSC         | CIPLA , Pharmaceutical , Laboratory                      |
| 50 | Delia Cardozo       | TYBSC Geology | National Institute of Oceanography , Scientific research |
| 51 | Abhijit Patil       | PGDGIS        | Transverse Technologies Job Offer after Internship       |

- iv. **Clubs** are the formation of members having common interest in an activity and initiating interest amongst others to be members of respective clubs having same interest. The college has encouraged such creativity,

talents and socialised club formations, which are mostly skill based. Most of these Clubs are guided by faculties or departments and some initiated by Students and staffs. College Clubs in the academic year 2013-14 are

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

1. 'H-U-M-A-N' (Humans: U & Me in Aid of the Needy)
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

#### **Skilled Based**

- |                                            |                                  |
|--------------------------------------------|----------------------------------|
| 1. Parvatibai Vachan Mandir – Readers Club | 5. Club Mynd Space               |
| 2. Click Club (Photography)                | 6. Carpe Diem (Poetry)           |
| 3. Fusion Club (Music)                     | 7. Cine Club (Film Appreciation) |
| 4. D-Dynamics Club (Dance)                 | 8. Creative Club                 |

#### **Sports Clubs**

- |                          |                             |
|--------------------------|-----------------------------|
| 1. Tiger Athletics Club  | 11. Tiger Hockey Club       |
| 2. Tiger Badminton Club  | 12. Tiger Judo Club         |
| 3. Tiger Baseball Club   | 13. Tiger Martial Arts Club |
| 4. Tiger Basketball Club | 14. Tiger Mind Sports Club  |
| 5. Tiger Boxing Club     | 15. Tiger Power Club        |
| 6. Tiger Chess Club      | 16. Tiger Swimming Club     |
| 7. Tiger Cricket Club    | 17. Tiger Table Tennis Club |
| 8. Tiger Cycling Club    | 18. Tiger Tennicoit Club    |
| 9. Tiger Fitness Club    | 19. Tiger Tennis Club       |
| 10. Tiger Handball Club  | 20. Tiger Volleyball Club   |

- v. **Students Sports hours** – To inculcate a love for sports and to promote an increased participation the college conducts such sessions on every Wednesday between 10.30 a.m. to 01.30 p.m. This activity is incorporated in the time table itself to ensure a greater involvement. The idea is to strengthen the students, both mentally as well as physically.

- vi. **Graduation Day** – The College organised Graduation Day on 14th May, 2014 wherein the final year students were felicitated by the award of certificates on having completed honours program, graduation or post- graduation. Parents of the students and faculty of the college were in attendance.



**Graduation Day**

vii. **Reorganisation of Departments through Deans** –As an innovative practice the college appointed Deans for different streams and organised the departments under them. Accordingly we have

- a. Dean, faculties of Science - Physics, Chemistry, Botany, Biotechnology, Mathematics, Zoology, Geology, Computer Science
- b. Dean, faculties of Social Science - Economic, Geography, History, Psychology, Philosophy, Sociology
- c. Dean, faculties of Languages and Literature - English, French, Hindi, Konkani, Marathi, Portuguese

Their responsibilities were defined as under:

- To identify the challenges in Sciences, Social Sciences, Language and Literatures.
- To plan, develop and implement programmes that address the specific needs of sciences, social sciences, language and literatures.
- To conduct training programmes.
- To improve skills.
- To address interdepartmental issues brought up by faculties and students.
- Review periodically the performance of each individual department under the faculty of Science, Social Sciences and Languages.

This has enabled systematic and effective functioning of the departments and faculties.

viii. **Bar Camps** – An innovative concept that brings people together to involve, connect, share, participate and enjoy. It is a platform for intense debates, discussions and demos. Some of the Bar Camp topics and resource persons are as under:

1. History and Heritage of Goa by Prajal Sakhardande
2. Magic of Stories by Sharmila Rao
3. Dreams Dreams by Jose Lourenco
4. Identifying a Market for your product by Leonard Fernandes
5. Techo Sutra by Prajyot Mainkar
6. Mythology and Entrepreneurship by Anay Kamat
7. The Dynamics of Light by Rohit Singh

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

1. The college conducted several meetings with the teaching and non teaching staff to bring in awareness and to understand the process of autonomy and their role in an autonomous system.
2. Research to be conducted:
  - a. Use of ICT in teaching learning process.
  - b. Effectiveness of problem based learning vis – a – vis. Traditional teaching: This analysis was shared amongst the faculty members during the faculty hours.
  - c. The college initiated and encouraged multiple student related activities and has prepared a calendar departmental activities and intercollegiate events. Further various students clubs that have been initiated like Click Club(Photography), Fusion Club (Music), D-Dynamics Club (Dance), Club Mynd Space, ‘H-

U-M-A-N' (Humans: U & Me in Aid of the Needy), 'G.L.O.B.E' (Geographers Loving Our Beautiful Environment), 'A.G.E.S' (Association of Geography Ex Students) etc. encouraged participation in intercollegiate events like "NOESIS" (IT festival) organized by Rosary College of Arts & Science; "TERRA" organized by Geology Department of St. Xaviers College, Mumbai; "KAVI SAMMELAN" organized by C.E.S. College Of Arts & Commerce; "Value Education Through Songs" organized by GVM's Dr. Dada Vaidya College of Education, Ponda; "I-RIS 2014" organised by St. Xavier's College, Mapusa. The college provided necessary funds and also other assistance to the students in this regard.

- d. The college adapted various channels to foster research and academic excellence among faculty and students.
  - i. Provided necessary assistance to faculty to avail the UGC teacher fellowship for one or two years to complete their PhD.
  - ii. Motivated increased participation of students and faculty in various conferences and seminars; national or international.
  - iii. Conducted workshops and interactive sessions on research and to develop research aptitude and encouraged staff to publish articles in reputed journals.

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

#### **1. Title of the Practice**

The Honours Programme – a voluntary academic programme designed to provide additional qualifications to students.

#### **2. Goal**

- a. To provide additional subject knowledge, considered necessary, but which is not incorporated in the regular courses prescribed by the University.
- b. To provide such skills to students this may enable them in their quest for career after completing their graduation.
- c. To provide an interdisciplinary focus to the study programmes of arts and science.

#### **3. The Context**

As it was realized that most students pursue higher education in reputed institutions beyond graduation, the need was felt to make them competitive in various fields. Also, for those seeking employment after completion of their graduation studies, such courses would provide them with requisite skills and competitive advantage that would enable them to improve their employability.

#### **4. The Practice**

The Honours Programme consists of six courses in a particular discipline conducted over six-semester period. Students attend one course of the programme during each semester. These programmes are generally conducted by inviting outside faculty practitioners in house faculty and people from industry. This provides the students with practical knowledge. Students also enroll for short practical sessions with industry. Over the semester there are 10 contact sessions of two hours each in a course. This is supplemented with personal back-up work by students. Students compile this work in the form of a portfolio. Evaluation is continuous. 80 percent of evaluation is based on regular performance and the remaining 20 percent of the evaluation is based on assessing the portfolio.

#### **5. Evidence of Success**

Large numbers of students enroll for the programme. The programme has given an edge to students for their employment and in their higher learning pursuits.



## 6. Problems Encountered and Resources Required

The problem was initially to find the faculty and schedule the courses as per the convenience of both the students and the external faculty. Students are charged a student service fee at the time of enrolment. The resources required for the conduct of the programme come from such proceeds.

## 7.4 Contribution to environmental awareness / protection

- a. The College offers compulsory papers on Environmental studies and Environmental ethics that sensitize students towards environment. It also invites prominent persons, such as government administrators and officials, to conduct lecture sessions / workshop for students in different areas of civic responsibilities. Over the years such sessions/ workshop addressed issues ranging from spirituality to environmental responsibility. Such Special Lectures were conducted on -
- b. “Gender and Natural Disasters” by Mrs. Kiran Soni Gupta IAS, Principal Secretary, Art & Culture, Government of Rajasthan, Jaipur on 23rd July 2013.  
“Ecological Heritage of Goa” by Mr. Rajendra Kerkar, Environmentalist, Keri, Sattari, Goa were conducted.

**7.5 Whether environmental audit was conducted?**      Yes ☐      No ☒

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

Institutional Strength:

- i. Excellent reputation of the college.
- ii. A good range of programme options, a variety of career oriented and skill enrichment certificate and other programmes (including add on courses)
- iii. Emphasis of students centred teaching learning and use of ICT through a Wifi enabled environment.
- iv. Initiative for training the students in writing skill and English British certification programmes.
- v. Automated office, library and well equipped facilities and resources for academic and co curricular activities.

Institutional Weakness:

- i. Declining enrolment of students.
- ii. Lack of organised institutional consultancy.
- iii. Absence of innovations in conventional programmes.
- iv. Lack of conscious efforts to inculcate inclusiveness.
- v. Absence of critical analysis of feedback data.

Institutional Challenges:

- i. Challenge of becoming a autonomous institution.
- ii. Promotional activities for improving enrolment of students.
- iii. Challenge of complete automation. Converting the existing hardware and software into a truly interactive student centred programme.
- iv. Restriction placed on the institution under the affiliating system.
- v. Harnessing e-journal and e-books to supplement learning resources.

### Institutional Opportunities:

- i. Opportunities for bringing out more research publications.
- ii. Potential of increasing student catchment from neighbouring rural areas.
- iii. Availability of sufficient funds for developing qualitative need based UG/PG programmes.
- iv. Potential for increasing revenue through institutional consultancy.
- v. Conducive environment for the pursuit of academic excellence for achieving international standards.

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

- Smooth Implementation of Autonomy
- Improvement in teaching learning process
- Initiate departmental developments.

Name: Dr. Nandkumar N. Sawant

*Name: Dr. R.V. Gaonkar*

*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*

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**ANNEXURE I****COMPOSITIONS OF THE IQAC, 2013-14**

| <b>SR. NO.</b> | <b>IQAC MEMBERS</b>         | <b>CRITERIA'S</b>                             |
|----------------|-----------------------------|-----------------------------------------------|
| 1.             | Dr. R. V. Gaonkar           | Chairman                                      |
| 2.             | Dr. N. N. Sawant            | Coordinator                                   |
| 3.             | Dr. E. M. Travassos         | Faculties                                     |
| 4.             | Mr. H.S.S.Nadkarni          | -do-                                          |
| 5.             | Mr. V. C. Kumaresh          | -do-                                          |
| 6.             | Ms. Sarita Naik Tari        | -do-                                          |
| 7.             | Dr. Nandini Vaz Fernandes   | -do-                                          |
| 8.             | Ms. Rajashree Dessai        | -do-                                          |
| 9.             | Dr. Gunaji Desai            | -do-                                          |
| 10.            | Ms. Kavita Borkar           | -do-                                          |
| 11.            | Dr. D. Bagchi               | -do-                                          |
| 12.            | Dr. M. P. Shivalli          | -do-                                          |
| 13.            | Ms. Greta Almeida           | Administrative Staff                          |
| 14.            | Mr. Sandesh Nagvenkar       | -do-                                          |
| 15.            | Mr. Dattaprasad Prabhudesai | -do-                                          |
| 16.            | Mr. Ashok Dange             | Management                                    |
| 17.            | Mr. Vasant Hede             | Alumni                                        |
| 18.            | Mr. Sagar Utagi             | Industrialist / Employer                      |
| 19.            | Ms. Skitter Faia            | Other stakeholder or community representative |

**ANNEXURE II**  
**CURRICULAR ASPECTS, 2013-14**

| SN | PROGRAMME      | EXISTING PROGRAMMES                                                                                                                                                                              | ADDED PROGRAMMES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | REMARKS                                                                                                                   |
|----|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 1. | Under Graduate | a. Bachelor of Arts<br>b. Bachelor of Science                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | University Grants                                                                                                         |
| 2. | Ph.D.          | -                                                                                                                                                                                                | Centre for Research in Hindi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -The Centre for                                                                                                           |
| 3. | Post Graduate  | a. Post Graduate Diploma in Computer Applications(PGDCA)<br>b. Post Graduate Diploma in Geo-informatics (PGDGIS)<br>c. Masters in Arts Geography<br>d. Masters in Science Information Technology | a. Masters in Science in Analytical Chemistry<br>b. Post Graduate Diploma in Clinical Genetics & Medical Laboratory Techniques (PGDCGMLT)                                                                                                                                                                                                                                                                                                                                                                                                                                              | Research in Geography has been given recognition in the month of August 2013.<br><br>-All are Self Financed except PGDCA. |
| 4. | Certificate    | -                                                                                                                                                                                                | a. Certificate Course in Pathological Techniques.<br>b. Certificate course in DJ / Photography / Animation.<br>c. Certificate course in BEC / Performing arts.<br>d. Certificate course in applied chemistry.<br>e. Certificate Course in creative writing<br>f. Certificate course in Portuguese<br>g. Certificate course in Spanish<br>h. Certificate course in Broadcast journalism<br>i. Certificate course in Statistical Analysis<br>j. Certificate Course in GIS<br>k. Certificate Course in Public Speaking<br>l. Certificate Course in Writing<br>m. Summer training courses. | -All Undergraduate and postgraduate programmes are semester pattern.                                                      |

## FOR THE ACADEMIC YEAR 2013-14

| BACHELOR OF SCIENCE                                                            |                         | HONOURS PROGRAMME                              |                  | SEM |
|--------------------------------------------------------------------------------|-------------------------|------------------------------------------------|------------------|-----|
| i. Botany                                                                      | ii. Geology             | i. Advanced Botany                             |                  | 6   |
| iii. Chemistry                                                                 | iv. Physics             | ii. Chemical Analysis and Quality Management   |                  | 6   |
| v. Computer Science                                                            | vi. Zoology             | iii. Computer Science                          |                  | 6   |
| vii. Mathematics                                                               | viii. Biotechnology     | iv. Geology                                    |                  | 6   |
|                                                                                |                         | v. Physics                                     |                  | 4   |
| BACHELOR OF ARTS                                                               |                         | vi. Applied Zoology                            |                  | 6   |
| i. Economics                                                                   | vii. English            | viii. Banking and Finance                      |                  | 6   |
| ii. Geography                                                                  | ix. French              | x. Travel & Tourism                            |                  | 6   |
| iii. History                                                                   | xi. Hindi               | xii. Geomatics                                 |                  | 6   |
| iv. Philosophy                                                                 | xiii. Konkani           | xiv. Archaeology                               |                  | 6   |
| v. Psychology                                                                  | xv. Marathi             | xvi. Philosophy of Human Right                 |                  | 1   |
| vi. Sociology                                                                  |                         | xvii. Psychology                               |                  | 6   |
|                                                                                |                         | xviii. Research Methodology in Social Sciences |                  | 6   |
| POST GRADUATE                                                                  |                         | xix. Mass Media & Literary Studies in English  |                  | 6   |
| i. Masters in Arts Geography                                                   |                         | xx. Functional Hindi                           |                  | 6   |
| ii. Masters in Science Information Technology                                  |                         | xxi. Konkani                                   |                  | 6   |
| iii. Masters in Science Analytical Chemistry                                   |                         | xxii. Writing skills for Mass Media in Marathi |                  | 6   |
| iv. Post Graduate Diploma in Geo-informatics                                   |                         | xxiii. Writing Skills                          |                  | 6   |
| v. Post Graduate Diploma in Computer Applications                              |                         | xxiv. Life Style Management                    |                  | 6   |
| vi. Post Graduate Diploma in Clinical Genetics & Medical Laboratory Techniques |                         |                                                |                  |     |
|                                                                                |                         |                                                |                  |     |
| SELF FINANCED COURSES                                                          |                         |                                                |                  |     |
| Biotechnology                                                                  | Third Year in Sociology | M.A. in Geography                              | P.G.D.C.A.       |     |
| Third Year B.Sc. in Geography                                                  | Portuguese              | M. Sc. in Information Technology               | P.G.D.G.I.S.     |     |
|                                                                                |                         | M. Sc. in Analytical Chemistry                 | P.G.D.C.G.M.L.T. |     |
|                                                                                |                         |                                                |                  |     |
| RESEARCH CENTRE                                                                |                         |                                                |                  |     |
| Centre for Research in Hindi                                                   |                         |                                                |                  |     |

### ANNEXURE III

#### Academic calendar for semester I, II, III, IV and V

##### College reopens on 19<sup>th</sup> June 2013

|                                                                                                      |         |
|------------------------------------------------------------------------------------------------------|---------|
| 19 <sup>th</sup> to 29 <sup>th</sup> June 2013                                                       | 10days  |
| 1 <sup>st</sup> to 31 <sup>st</sup> July 2013                                                        | 23days  |
| 22 <sup>nd</sup> to 25 <sup>th</sup> July 2013 First ISA written for semester I, III and V           |         |
| 1 <sup>st</sup> to 31 <sup>st</sup> August 2013                                                      | 25days  |
| <i>9th August 2013 – Holiday Id-Ul-Fitr</i>                                                          |         |
| <i>15th August 2013 –Independence Day</i>                                                            |         |
| 26 <sup>th</sup> to 29 <sup>th</sup> August 2013 submission of assignment for semester I, III, and V |         |
| 1 <sup>st</sup> to 30 <sup>th</sup> September 2013                                                   | 19days  |
| <i>9th to 14th September 2013 Ganesh Break</i>                                                       |         |
| 1 <sup>st</sup> to 11 <sup>th</sup> October 2013                                                     | 09 days |
| <i>2nd October 2013 – Holiday – Gandhi Jayanti</i>                                                   |         |
| 12 <sup>th</sup> October 2013 onwards Semester End Examinations                                      |         |
| <i>Winter break 2<sup>nd</sup> to 24<sup>th</sup> November 2013.</i>                                 |         |

##### College re-opens on 25<sup>th</sup> November 2013

|                                                                                                          |                                                    |         |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------|
| November 2013 -                                                                                          | 25 <sup>th</sup> to 30 <sup>th</sup> November 2013 | 6 days  |
| December 2013-                                                                                           | 1 <sup>st</sup> to 31 <sup>st</sup> December 2013  | 16 days |
| <i>3<sup>rd</sup> December 2013 – holiday</i>                                                            |                                                    |         |
| <i>19<sup>th</sup> December 2013 – holiday</i>                                                           |                                                    |         |
| Christmas break from 24 <sup>th</sup> December 2013 to 1 <sup>st</sup> January 2014                      |                                                    |         |
| January 2014 -                                                                                           | 2 <sup>nd</sup> to 31 <sup>st</sup> January 2014   | 25 days |
| * 1 <sup>st</sup> January 2014 - last day of Submission of ISA I (Assignment) for semester II, IV and VI |                                                    |         |
| <i>14<sup>th</sup> January 2014 – (Id) Special Holiday</i>                                               |                                                    |         |
| February 2014 -                                                                                          | 1 <sup>st</sup> to 28 <sup>th</sup> February 2014  | 19 days |
| * 1 <sup>st</sup> to 5 <sup>th</sup> February 2014 - ISA II (written) for semester II, IV and VI         |                                                    |         |
| <i>27<sup>th</sup> February 2014 – Mahashivratri Special Holiday</i>                                     |                                                    |         |
| March 2014 -                                                                                             | 1 <sup>st</sup> to 31 <sup>st</sup> March 2014     | 23 days |
| <i>17<sup>th</sup> March 2014 – Holi</i>                                                                 |                                                    |         |
| <i>31<sup>st</sup> March 2014 – Gudi Padva</i>                                                           |                                                    |         |
| April 2013 and May 2013 - Semester End Examination of II, IV and VI from                                 |                                                    |         |
| 02.04.2014 onwards                                                                                       |                                                    |         |

## ANNEXURE IV

### CONFERENCES, SEMINARS AND WORKSHOPS, 2013-14

#### ATTENDED SEMINARS AND CONFERENCES: 9

##### International: 3

1. **Mrs. Amitha Shanbhogue (2013)** attended an *International Conference* on “**Emerging Challenges and Prospects of Indian Economy**” organized in collaboration with Indian Economic Association and Department of Economics, Goa University on 11<sup>th</sup> and 12<sup>th</sup> November, 2013.
2. **Mrs. Rupali Tamuly (2013)** attended an *International Conference* on “**Emerging Challenges and Prospects of Indian Economy**” organized in collaboration with Indian Economic Association and Department of Economics, Goa University on 11<sup>th</sup> and 12<sup>th</sup> November, 2013.
3. **Dr. E.M. Travassos (2013)** attended an *International Conference* on “**Emerging Challenges and Prospects of Indian Economy**” organized in collaboration with Indian Economic Association and Department of Economics, Goa University on 11<sup>th</sup> and 12<sup>th</sup> November, 2013.

##### National: 3

1. **Dr. Kiran Popkar (2013)** attended a *Hindi Day Ceremony* followed By *National Seminar* organized by *Menezes Braganza* Institute in collaboration with Gomantak Rashtra Bhasha Vidhyapith on 28<sup>th</sup> September, 2013. (Accompanied by their departmental students)
2. **Dr. R.V. Gaonkar (2014)** attended a 15<sup>th</sup> *National Conference* of ‘Association of Indian College Principal’ (AICP) on “**Dimensions of Institutional Social Responsibility**” held at Khalsa College Amritsar, Punjab (Autonomous College) from 28th February, 2014 to 2nd March, 2014.
3. **Mr. Shrikrishna Adsul (2014)** attended a *National Seminar* on ‘**Ekkisvi Sadi Ke Pratham Dashak Ke Kahani (Katha) Sahitya**’ organized by Gomantak Rashtra Bhasha Vidhyapith, Margao on 29<sup>th</sup> and 30<sup>th</sup> March, 2014.

##### State: 3

1. **Mr. Antonio Paes (2013)** attended a *conference* on “**6<sup>th</sup> Agile Goa 2013**” organized by Computer Society of India, Goa Chapter & Agile Software Community of India at Taleigao Community Center, Panaji on 21<sup>st</sup> and 22<sup>nd</sup> September, 2013. (Accompanied by their departmental students)
2. **Mrs. Kavita Borker (2013)** attended a *state level seminar* on ‘**Spiritualism and Its Influence on Moral Value Systems across Different Age Groups**’ organized by the Department of Psychology of M.E.S. College, Zuarinagar on 21<sup>st</sup> September, 2013. (Accompanied by their departmental students)
3. **Mrs. Sobita Kirtani (2013)** attended a *state level seminar* on ‘**Spiritualism and Its Influence on Moral Value Systems across Different Age Groups**’ organized by the Department of Psychology of M.E.S. College, Zuarinagar on 21<sup>st</sup> September, 2013. (Accompanied by their departmental students)

## **ATTENDED WORKSHOPS: 41**

### **National: 1**

1. **Mrs. Sobita Kirtani (2013)** attended a *National Workshop* on ‘**Doctoral Research and Academic Writings in Social Sciences**’ organized by Dnyanprasarak Mandal’s College, Mapusa on 28<sup>th</sup> and 29<sup>th</sup> October, 2013.

### **State: 40**

1. **Mrs. Anagha Dicholkar and Mr. Sachin Maraes (2013)** attended a eleven days *workshop* on “**Capacity Building in Social Sciences**” sponsored by ICSSR, Western Regional Centre, organized by Directorate of Higher Education and Goa University from 15<sup>th</sup> to 26<sup>th</sup> June, 2013.
2. **Ten faculty members of Parvatibai Chowgule College of Arts and Science (2013)** attended a *workshop* on “**Paradigm Shift in Education and Learning in the 21st Century**” organized by Goa University from 26<sup>th</sup> August to 6<sup>th</sup> September, 2013.
3. **Mr. Abhishek Gudekar (2013)** attended a training *workshop* on “**Robotech**” organized by M/S. Inventrom Robotics, Panjim, Goa on 24<sup>th</sup> August, 2013.
4. **Ms. Priya Daivajna, (2013)** attended a training *workshop* on “**Robotech**” organized by M/S. Inventrom Robotics, Panjim, Goa on 24<sup>th</sup> August, 2013.
5. **Smt. Rajeshree Desai (2013)** attended a *workshop* on ‘**Literature Search and Academic writing**’ organized by Academic Staff College, Goa University from 26<sup>th</sup> to 30<sup>th</sup> August, 2013.
6. **Ms. Sarika Advilkar (2013)** attended a *workshop* on ‘**Literature Search and Academic writing**’ organized by Academic Staff College, Goa University from 26<sup>th</sup> to 30<sup>th</sup> August, 2013.
7. **Dr. Kiran Popkar (2013)** attended a *workshop* on ‘**Literature Search and Academic writing**’ organized by Academic Staff College, Goa University from 26<sup>th</sup> to 30<sup>th</sup> August, 2013.
8. **Dr. Nandkumar Sawant (2013)** attended a *workshop* on “**Institutional Leadership and Critical Thinking Skills**” organized by the Centre for Research projects, Christ University, Bangalore and IQAC cell, Carmel College, Nuvem on 20<sup>th</sup> September, 2013.
9. **Dr. D. K. Tikare (2013)** attended a *workshop* on “**Institutional Leadership and Critical Thinking Skills**” organized by the Centre for Research projects, Christ University, Bangalore and IQAC cell, Carmel College, Nuvem on 20<sup>th</sup> September, 2013.
10. **Dr. Gunaji Desai (2013)** attended a *workshop* on “**Institutional Leadership and Critical Thinking Skills**” organized by the Centre for Research projects, Christ University, Bangalore and IQAC cell, Carmel College, Nuvem on 20<sup>th</sup> September, 2013.
11. **Mr. Mahesh P. Matha (2013)** attended the *workshop* on “**Software Engineering Education and Training**”, organized by the ACM - Goa Chapter at Goa University (Pre-ICSE 2014 event) on 20<sup>th</sup> September, 2013.
12. **Seven teaching faculties from various departments of Parvatibai Chowgule College of Arts and Science(2013)** attended a data dissemination *workshop* on “**Sensitize data users about availability and**

- use of latest **Census-2011 results on primary census abstract**” organized by Directorate of Census Operations, Panaji Goa, on 25<sup>th</sup> September, 2013.
13. **Mr. Antonio Paes (2013)** attended a *workshop* on **“Virtualization and web development on Cloud”** at Rosary College of Arts & Science, Navelim 30<sup>th</sup> September, 2013.
  14. **Mr. Abhishek Gudekar (2013)** attended a *workshop* on **“Virtualization and web development on Cloud”** at Rosary College of Arts & Science, Navelim 30<sup>th</sup> September, 2013.
  15. **Mr. Antonio Paes (2013)** attended a *workshop* on **“Database Design & Programming in SQL”** on 7<sup>th</sup> to 11<sup>th</sup> October 2013.
  16. **Mr. Abhishek Gudekar (2013)** attended a *workshop* on **Database Design & Programming in SQL”** on 7<sup>th</sup> to 11<sup>th</sup> October 2013.
  17. **Mr. Kumaresh V.C. (2013)** attended a *workshop* on **“Java Fundamentals & Programming”** organized by ORACLE academy at Goa Engineering College, Farmagudi, Ponda from 7<sup>th</sup> to 11<sup>th</sup> October, 2013.
  18. **Mr. D. Prabakaran (2013)** attended a *workshop* on **“Java Fundamentals & Programming”** organized by ORACLE academy at Goa Engineering College, Farmagudi, Ponda from 7<sup>th</sup> to 11<sup>th</sup> October, 2013.
  19. **Dr. D.K. Tikare (2013)** attended an educative skill training *workshop* on **“Sahyadri Freshwater Biodiversity Conservation Education”** organized by Wild life Information Liaison Development Society (WILD) at Carmel College for Women, Goa on 22<sup>nd</sup> October, 2013.
  20. **Dr. Nandini Fernandes (2013)** attended an educative skill training *workshop* on **“Sahyadri Freshwater Biodiversity Conservation Education”** organized by Wild life Information Liaison Development Society (WILD) at Carmel College for Women, Goa on 22<sup>nd</sup> October, 2013.
  21. **Dr. Nandkumar N. Sawant (2013)** attended a *workshop* on **“Primary Census Abstract, Slum PCA and Age Data of 2011 Census”** organized by Directorate of Census Operations, Goa on 17<sup>th</sup> December, 2013.
  22. **Mrs. Anagha Dicholkar, (2013)** attended a *workshop* on **“Primary Census Abstract, Slum PCA and Age Data of 2011 Census”** organized by Directorate of Census Operations, Goa on 17<sup>th</sup> December, 2013.
  23. **Mr. A. Ashish (2013)** attended a *workshop* on **“Primary Census Abstract, Slum PCA and Age Data of 2011 Census”** organized by Directorate of Census Operations, Goa on 17<sup>th</sup> December, 2013.
  24. **Mr. Adrian Ferro (2013)** attended a *workshop* on **“Primary Census Abstract, Slum PCA and Age Data of 2011 Census”** organized by Directorate of Census Operations, Goa on 17<sup>th</sup> December, 2013.
  25. **Mr. Nitesh Ugavekar (2013)** attended a *workshop* on **“Primary Census Abstract, Slum PCA and Age Data of 2011 Census”** organized by Directorate of Census Operations, Goa on 17<sup>th</sup> December, 2013.
  26. **Mr. Kailas Gokhale (2013)** attended a *workshop* on **“Primary Census Abstract, Slum PCA and Age Data of 2011 Census”** organized by Directorate of Census Operations, Goa on 17<sup>th</sup> December, 2013.
  27. **Ms. Rupali Tamuly (2013)** attended a data dissemination *workshop* on **“Houses, Household Assets and Household Amenities and Slum Data of Census of India-2011”** organized by Directorate of Census Operations. Panaji, Goa, on 4<sup>th</sup> December, 2013.



28. **Ms. Amitha Shanbhogue (2013)** attended a data dissemination *workshop* on “**Houses, Household Assets and Household Amenities and Slum Data of Census of India-2011**” organized by Directorate of Census Operations. Panaji, Goa, on 4th December, 2013.
29. **Ms. Samantha Coutinho (2013)** attended a data dissemination *workshop* on “**Houses, Household Assets and Household Amenities and Slum Data of Census of India-2011**” organized by Directorate of Census Operations. Panaji, Goa, on 4th December, 2013.
30. **Mrs. Anagha Dicholkar (2013)** attended a data dissemination *workshop* on “**Census Info on Census 2011**” organized by Directorate of Census Operations, Goa for hands-on training on CensusInfo India 2011 Version 2.0 software on 18th December, 2013.
31. **Mr. Nitesh Ugavekar (2013)** attended a data dissemination *workshop* on “**Census Info on Census 2011**” organized by Directorate of Census Operations, Goa for hands-on training on Census Info India 2011 Version 2.0 software on 18th December, 2013.
32. **Dr. Nandkumar Sawant (2014)** attended a *workshop* on “**Revitalizing and Reorienting Geography Education in India**”, organized by Department of Geography, Shree Mallikarjun College, Canacona, Goa in association with Indian Council for Social Science Research (ICSSR) Western Regional Center, Mumbai on 28<sup>th</sup> & 29<sup>th</sup> March 2014.
33. **Dr. Sanjay Gaikwad (2014)** attended a *workshop* on ‘**Hydrology project phase II**’ at Water Resources Department, Goa, organized by Hard Rock Regional Centre, Belgaum from 13<sup>th</sup>–15<sup>th</sup> March 2014.
34. **Mr. Vishal Malave (2014)** attended a *workshop* on “**Revitalizing and Reorienting Geography Education in India**”, organized by Department of Geography, Shree Mallikarjun College, Canacona, Goa in association with Indian Council for Social Science Research (ICSSR) Western Regional Center, Mumbai on 28<sup>th</sup> and 29<sup>th</sup> March, 2014.
35. **Dr. D. Mazumdar (2014)** attended a *workshop* on “**Preparing Syllabi of the Undergraduate Course**” organized by Department of Economics, Goa University on 14<sup>th</sup> March, 2014.
36. **Ms. Shaila Ghanti (2014)** attended a *workshop* on “**Introduction to Altera Quartus II Simulation Tools**” in Padre Conceicao College of Engineering, Verna on 7<sup>th</sup> March, 2014.
37. **Ms. G.V.K. Nagalakshmi (2014)** attended a *workshop* on “**Introduction to Altera Quartus II Simulation Tools**” in Padre Conceicao College of Engineering, Verna on 7<sup>th</sup> March, 2014.
38. **Mr. Vishal Advaiakar along with students of MA Geography(2014)**, attended a *workshop* on “**Revitalizing and Reorienting Geography Education in India**”, organized by Department of Geography, Shree Mallikarjun College, Canacona, Goa in association with Indian Council for Social Science Research (ICSSR) Western Regional Center, Mumbai on 28<sup>th</sup> and 29<sup>th</sup> March, 2014.
39. **Ms. Amitha Shanbhogue (2014)** attended a *workshop* on ‘**Data Dissemination**’ organized by the Directorate of Census Operations on 4th March, 2014.
40. **Ms. Sameena Falleiro and Ms. Dipti Khedekar (2014)** attended a *workshop* on “**Database Design & SQL Programming**” conducted by ORACLE academy at GEC, Farmagudi, Goa from 24th to 28th March 2014.

## ANNEXURE V

### ORGANISED CONFERENCES & SEMINARS: 5

#### National: 2

1. The Department of Botany, Zoology and Biotechnology, Parvatibai Chowgule College of Arts and Science jointly organized a UGC sponsored *National Conference* on "**Current & Emerging Trends in Life Sciences**" on 18<sup>th</sup> and 19<sup>th</sup> March, 2014.



National Seminar



National Conference

2. The Department of Hindi, Parvatibai Chowgule College of Arts and Science organized a *National Seminar* on '**Sahitya Aur Cinema: Antarsambandh**' on 21<sup>st</sup> and 22<sup>nd</sup> March, 2014.



State level Seminar

#### State Level: 3

1. The Department of Botany, Parvatibai Chowgule College of Arts and Science organized a *State level Seminar* on three different topics "**Economic Importance of Cryptogams, Remote Sensing in Ecological Studies and Application of Bioinformatics in Botany**" for F.Y.B.Sc., S.Y.B.Sc and T.Y.B.Sc students of different colleges from Goa on 30th November, 2013.
2. The Department of Marathi, Parvatibai Chowgule College of Arts and Science organized a *State level Seminar* on "**Smt. Vrunda Kantak's Literature 'Bakul Onzal'**" for the B.A. Marathi Students on 26th February, 2014.
3. The Department of Computer Science, Parvatibai Chowgule College of Arts and Science organized a *State level Seminar* on '**E-waste Management**' for the College students at the Parvatibai Chowgule College of Arts and Science on 5<sup>th</sup> March, 2014.

## **ORGANISED WORKSHOPS: 22**

### **International: 1**

1. The Department of Geography, Parvatibai Chowgule College of Arts and Science in Collaboration with University of Sri Jayewardenepura, Sri Lanka organized an *International workshop* on **‘Rural Development’** from 26<sup>th</sup> to 30<sup>th</sup> January, 2014.



**International workshop**

### **National: 1**

1. The Department of Zoology, Parvatibai Chowgule College of Arts and Science organized a ‘Science Academies - lecture *workshop*’ on **“Contemporary issues in Biology”** sponsored by Indian Academy of Science, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Sciences, Allahabad for Colleges in Goa from 20th to 22nd January, 2014.



**National Workshop**

### **State: 3**

1. Parvatibai Chowgule College of Arts and Science in collaboration with BMT Goa, as a part of Community Outreach Programme organized a *workshop* on **‘Role of Teacher in Changing the Mind Set of the Students’**, on 15th October, 2013.
2. The Department of Physics, Parvatibai Chowgule College of Arts and Science in association with Department of Physics of Gogate – Jogalekar College, Ratnagiri, organized a *workshop* on **“Introduction to Microprocessors and Microcontrollers”** for third year B.Sc. Physics students of our college and Government College, Quepem and also two teachers from each of the colleges in Goa from 16<sup>th</sup> to 18<sup>th</sup> January 2014.
3. The Department of Geography, Parvatibai Chowgule College of Arts and Science organized a Hands-On Training *workshop* on **“Quantum GIS”** for Faculty in Geography from various colleges in Goa on 28th and 29th April, 2014.

### **Institutional: 17**

1. The Department of Geography, Parvatibai Chowgule College of Arts and Science, Margao organized a *workshop* on **“Research Methodology”** on 29th June 2013.
2. Dean, Faculty of Social Sciences, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Citation & Plagiarism”** for Third Year Social Sciences students on 29<sup>th</sup> June 2013.
3. Dean, Faculty of Language and Literature, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Citation & Plagiarism”** for Language and Literature students on 6<sup>th</sup> July 2013.
4. The Department of Physics, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Theoretical Aspects of Some Important Physics Experiments”** on 14th August, 2013.

5. The Department of Geography, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Curriculum Designing in Practical’s at Third year Geography”** for Faculty in Geography on 26<sup>th</sup> September, 2013.
6. The Students Support Service (Under Career/Personal Counseling Centre) Parvatibai Chowgule College of Arts and Science organized a *workshop* on **'Career Guidance'** for three Higher Secondary School students on 25<sup>th</sup> September, 2013.
7. The Department of Computer Science, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Android Technology”** for MSc IT and Third year B.Sc. Computer Science students on 31<sup>st</sup> October, 2013.
8. The Department of Computer Science, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Basic Robotics”** for Tiger School Students of 8<sup>th</sup> and 9<sup>th</sup> standard 4<sup>th</sup> to 9<sup>th</sup> November 2013.
9. The Department of Computer Science, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Advanced Robotics”** for Tiger School Students of 8<sup>th</sup> and 9<sup>th</sup> standard those who completed the ‘Basic Robotics’ from 11<sup>th</sup> to 16<sup>th</sup> November 2013.
10. The Department of Computer Science, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Invent-O-Pi”, Design and Development of Raspberry Pi based systems”** for the Computer Science students of Parvatibai Chowgule College of Arts and Science on 16<sup>th</sup> and 17<sup>th</sup> December, 2013.
11. The Students Support Service (Under Career/Personal Counseling Centre) Parvatibai Chowgule College of Arts and Science organized a *workshop* on **'Interview Skills'** for third year students on 20<sup>th</sup> Dec 2013.
12. The Department of English, Parvatibai Chowgule College of Arts and Science in collaboration with Tigers’ Studio organized a *workshop* on **“Eco Film Appreciation”** on 11<sup>th</sup> January 2014.
13. The Students Support Service (Under Career/Personal Counseling Centre) Parvatibai Chowgule College of Arts and Science organized a *workshop* on **"Effective Study Skills"** for all students on 26<sup>th</sup> February, 2014.
14. The Department of English, Parvatibai Chowgule College of Arts and Science in association with Tigers’ Studio organized a *workshop* on **“Lateral Thinking”** on 22<sup>nd</sup> March, 2014.
15. Parvatibai Chowgule College of Arts and Science organized a *Refreshers Workshop* on **‘Autonomy’** for the faculties of Parvatibai Chowgule College of Arts and Science on 08<sup>th</sup> April, 2014.
16. The Students Support Service (under Writing Center), Parvatibai Chowgule College of Arts and Science organized a *workshop* on **‘Writing Skills’** for 15 to 17 years old students on 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> April, 2014.
17. The Department of Geography, Parvatibai Chowgule College of Arts and Science organized a *workshop* on **“Preparation of UGC National Eligibility Test in Geography”** for Geography students from 19<sup>th</sup> – 31<sup>st</sup> May, 2014.



ANNEXURE VI  
**PAPER PRESENTATIONS, 2013-14**

**INTERNATIONAL LEVEL: 4**

1. **Dr. Sanjay Gaikwad (2013)** presented a research paper on “**Structural Analysis of Forests of Western Ghats Using Tassel Cap and Entropy Approach**” in an *International Conference* on “Environmental Management for Sustainable Development” organized by Department of Geography, Karnatak University’s Karnatak Science College, Dharwad, Karnataka on 20th and 21st December, 2013.
2. **Mrs. Anagha Dicholkar(2013)** presented a research paper on “**Elusive Education in Slums: A Basic Profile of Moti Dongar Slum, Goa**” ” in an *International Conference* on “Environmental Management for Sustainable Development” organized by Department of Geography, Karnatak University’s Karnatak Science College, Dharwad, Karnataka on 20th and 21st December, 2013.
3. **Mrs. Sobita Kirtani, Ms. Hyacintha Monteiro and Ms. Kimberly Fernandes (2013)** presented a research paper on “**A study of determinants of Healthy Ageing**” and ‘Mentoring: a safety net for students?’ in an Second *International Conference* on ‘Families at Crossroads: 21st Century’ organized by the Bombay Psychological Association held at Sophia College, Mumbai from 1st to 3rd December, 2013.
4. **Ms. Sameena Falleiro**, presented a research paper on “**Moodle-LMS as an Innovative and cost effective E-Learning tool for open and distance learning**” at the ‘Seventh Pan-Commonwealth Forum (PCF7)’*International Conference* on ‘Open Learning for Development: Towards Empowerment and Transformation’ at the International Conference Center, Abuja, Nigeria from 2nd to 6th December, 2013.

**NATIONAL LEVEL: 23**

1. **Mr. Wilbur Gonsalves (2013)** presented a research paper on “**Career Concerns of Students with Visual Impairment in Higher Education: Evolving Workable Theory**”, in a round table session at the NCDA (National Career Development Association) *Global Conference*, 2013, Boston, USA held from 8<sup>th</sup> to 10<sup>th</sup> July, 2013.
2. **Mr. Adrian Ferroand Mr. Nitesh Ugavekar (2013)**, presented a research paper on “**Goa: Urbanization and Growth of Small Towns – A Spatio-temporal Analysis (2001 – 2011)**” at the *National Seminar* on ‘Impact of Urbanization on Environment’ organized by Department of Geography, D. R. Mane Mahavidyalaya, Kagal, Kolhapur on 27<sup>th</sup> & 28<sup>th</sup> September, 2013.
3. **Dr. Nandkumar Sawant, Mr. Adrian Ferro, Mr. Nitesh Ugavekar and Mr. Kailas Gokhale (2013)**, presented a research paper on “**Tourism, Economic and Socio-cultural Impact: A Review and Perceptive of Cave loss, Goa**” at UGC sponsored *National Conference* on ‘Recent Trends in Tourism, Population and Geoinformatics’ at Kurukalli, Kolhapur on 11th - 12th October, 2013.

4. **Dr. Nandkumar Sawant, Mrs. Aisha Shaik and Miss Mallica Desai (2013)**, presented a research paper on **“Does 21st Century Assure Gender Equity? A Review of Sex Ratio in Goa”**, at the UGC sponsored *National Conference* on ‘Recent Trends in Tourism, Population and Geoinformatics’ at Kurukalli, Kolhapur on 11th -12th October, 2013.
5. **Mr. Vishal Advaikar**, Assistant Professor, Department of Geography and **Dr. K. R. Badiger**, Department of Geography, Government College, Sanquelim, (2013), presented a research paper on **“Spatial Patterns of Destinations, Movements and Flows of Tourists in Goa”** at the UGC sponsored *National Conference* on ‘Recent Trends in Tourism, Population and Geoinformatics’ at Kurukalli, Kolhapur on 11th -12th October 2013.
6. **Dr. Nandkumar N. Sawant and Mrs. Anagha Dicholkar(2013)** jointly presented a research paper on **“Goa – Urbanization, Slum and Disasters: A Case Study of Zuarinagar Slum”** in a *National Seminar* on “Application of Geoinformatics for Natural Hazard Management” organized by Department of Geography & Research Centre, Shri Shivaji Mahavidyalaya, Barshi, Solapur on 27th and 28th December, 2013.
7. **Dr. Nandkumar Sawant(2014)**presented a research paper on **“Are Small States ideal for Integrated Regional Planning – A Case of Goa”** at the *Interdisciplinary National Seminar* on “Integrated Regional Planning and Human Resource Development in India” organized by Parishkar College of Global Excellence, Jaipur on 10<sup>th</sup> and 11<sup>th</sup> February 2014.
8. **Dr. R. Kanchana (2013)** presented a research paper on **“Native feather degradation by a keratinophilic fungus”** at *National symposium* on ‘Glimpses of Innovations in Biotechnology’ at Bharathiar University, Coimbatore on 3rd October, 2013.
9. **Dr. R. Kanchana (2014)** presented a poster on **‘Bio Degradation of Feather Wastes – Towards Cleaner Environment’** at *National symposium* on “Biotechnology in India: a Panoramic View” at Goa University on 25<sup>th</sup> and 26<sup>th</sup> February, 2014.
10. **Dr. R. Kanchana along with five students from Department of Biotechnology(2014)**presented their third year project as a poster titled **‘Production of Probiotic Soy Yogurt’ and ‘Study of plant growth promoting bacteria’** at *National symposium* on “Biotechnology in India: a Panoramic View” at Goa University on 25<sup>th</sup> and 26<sup>th</sup> February, 2014.
11. **Ms. Sarika Advilkar (2013)** presented a research paper on **"Gomantakiya Marathi Kavitetil Jagtikikarnache Chitran"** at *National Seminar* on "Marathi Kavitetil Jagtikikarnache Chitran" organised by Annasaheb Awate Collegem Manchar, Pune on 18<sup>th</sup> and 19<sup>th</sup> October, 2013.
12. **Ms. Sameena Faleiro(2013)**, presented a research paper on **"Facilitating Knowledge Management through Information Communications Technology (ICT) in Higher Educational Institutions"** at *National Conference* on "Knowledge Management - Best Corporate Practices" organised by Power Management Institute (PMI), National Thermal Power Corporation (NTPC) in Goa from 23rd to 25th October, 2013.

13. **Dr. Sangeeta G. Sankhalkar and Ms. Vernekar Vrunda**, (JRF & co-author) (2013) presented a research paper on **“Comparative Study of Physiological and Biochemical Changes in Salinity Tolerant & Salinity Sensitive Rice Varieties Grown in Khazan Fields of Goa”** in a *National Conference* on ‘Plant Physiology-2013 on Current trends in Plant Biology Research (NCP 13)’ organized by Directorate of Groundnut Research & Junagad Agricultural University, Junagad, in association with Indian Society for Plant Physiology, New Delhi at Junagadh Gujrat from 13th to 16th December, 2013.
14. **Ms. Rupali Tamuly(2014)** presented a poster on **“Ageing populations Goa: Challenges ahead”** at *National Seminar* on ‘Emerging Health Issues Across the Life Stages’ organized by Human Developments Department of Studies in Food Science and Nutrition, University of Mysore on 6<sup>th</sup> and 7<sup>th</sup> March 2014.
15. **Ms. Rupali Tamuly (2014)** presented a research paper on **“Working Mothers and Child Care”** at *National Conference* on ‘Issues & Concerns of New Age Families: Repercussion on Health, Commerce, Media Behaviour’ organized by Goa College of Home Science, Government of Goa on 14<sup>th</sup> and 15<sup>th</sup> March 2014.
16. **Ms. Rupali Tamuly (2014)** presented a joint research paper on **“Work Force Participation Rate: A Gender Based Study in Goa”**, at UGC sponsored *National Seminar* on “Women Leadership and Capacity Building in the Political and Economics Spheres Prospects, Roadblocks And Strategies” organized by Department of Political Science and Department of Economics at Carmel College for Women, Nuvem on 28<sup>th</sup> and 29<sup>th</sup> March, 2014.
17. **Ms. Amitha Shanbhogue(2014)** presented a joint research paper on **'Gender Gap in Workforce - A Case Study of Goa'**, at UGC sponsored *National Seminar* on “Women Leadership and Capacity Building in the Political and Economics Spheres Prospects, Roadblocks And Strategies” organized by Department of Political Science and Department of Economics at Carmel College for Women, Nuvem on 28<sup>th</sup> and 29<sup>th</sup> March, 2014.
18. **Ms. Amitha Shanbhogue(2014)** presented a researchpaper on **"Poverty and Inequality Trends in India"** at *National Seminar* on 'Poverty in India, Then and Now', held at KLE's Lingaraj College, Belgaum on 5th and 6th April, 2014.
19. **Dr. Sanjay Gaikwad(2014)** presented a research paper on **“Assessment of Fragmentation of Natural Habitats using Entropy Approach”** at UGC sponsored *National Conference* on “Current and Emerging Trends in Life Sciences” organized by Department of Botany and Zoology, Parvatibai Chowgule College, Margao, Goa on 18th and 19th March, 2014.
20. **Dr. Sanjay Gaikwad(2014)** presented a research paper on **“Delineation of Shoreline Application of Geospatial Technology”** at the *National Seminar* on “Applications of Remote Sensing and GIS for Society, Environment and Sustainable Development” organized by Centre for Geoinformatics, University of Mumbai from 21st – 23rd March 2014.



21. **Ms. Sarika Advilkar (2014)**, presented a research paper on '**Marathi Kahani Sahitya Me Stree Vimarsha**' at the *National Seminar* on 'Ekkisvi Sadi Ke Pratham Dashak Ke Kahani (Katha) Sahitya', organized by Gomantak Rashtra Bhasha Vidhyapith, Margao on 29th and 30th March, 2014.
22. **Ms. Liesl De Silva and four students from Department of Biotechnology(2014)** presented a poster of their third year project titled '**Production of Bio-fuel from Various Sources**' at *National Conference* on 'Current and Emerging Trends in Life Sciences' at our Parvatibai Chowgule College of arts and Science on 18th and 19th March, 2014.
23. **Ms. Lee-Anne D'Costa and four students from Department of Biotechnology(2014)** presented a poster of their third year project titled '**Study on Plastic Degrading Micro-Organisms**' at *National Conference* on 'Current and Emerging Trends in Life Sciences' at our Parvatibai Chowgule College of arts and Science on 18th and 19th March, 2014.

#### **STATE LEVEL: 2**

1. **Mrs. Kavita Borker(2013)** presented a research paper on "**Effect of Spirituality and Moral Values on Psychological Well-Being**" in a *State level Seminar* on 'Spiritualism and its Influence on Moral Value Systems across Different Age Groups' organized by the Department of Psychology of M.E.S. College, Zuarinagar on 21<sup>st</sup> September, 2013.
2. **Ms. Sarika Advilkar (2014)** presented a research paper on "**Vrundakantak Yanchya Sahityatil Stree Chitran**" in a *State level Seminar* on 'Vrundakantak Yanchya Marathi Sahitya' organized by the Parvatibai Chowgule College of arts and Science on 26<sup>th</sup> February 2014.

#### **WORKSHOPS: 3**

1. **Mr. Mahesh Matha (2013)** presented a research paper on "**Teaching Developer Skills in the First Software Engineering Course**" by Vaclav Rajlich of Wayne State University, Detroit, USA in a *ACM Orientation Workshop* on 'Software Engineering Education' organized at Department of Computer Science and Technology, Goa University on 22<sup>nd</sup> June, 2013.
2. **Mr. Antonio Paes (2013)** presented a research paper on "**Understanding Individual Contribution and Collaboration in Student Software Teams**" by Fabio Rocha and Eleni Stroulia, University of Alberta, Canada in a *ACM Orientation Workshop* on 'Software Engineering Education' organized at Department of Computer Science and Technology, Goa University on 22<sup>nd</sup> June, 2013.
3. **Ms. Sameena Faleiro (2013)** presented a research paper on "**LMS-MOODLE As an Effective Tool in Support of Education and Training**" in a *Workshop* on 'Software Engineering Education and Training', organized by ACM- Goa Chapter at Goa University (Pre-ICSE 2014 event) on 20<sup>th</sup> September, 2013 .

ANNEXURE VII  
**PAPER PUBLICATIONS 2013-14**

1. **Dr. R. Kanchana (2013) “Dyeing of Textiles with Natural Dyes - An Eco-Friendly Approach,”***International Journal of Chem Tech Research*, Vol.5, No.5, 2013, pp. 2102-2109.
2. **Dr. R. Kanchana, Dr. Divakar Mesta (2013) “Native Feather Degradation by a Keratinophilic Fungus”,** *International Journal of Chem. Tech. Res.*, Vol.5, No.6, 2013, pp 2947-2954.
3. **Dr. R. Kanchana, Mr. Keith Saldanha (co-authors), Ms. Nehal Ajgaonkar, Ms. Latifa Shaikh, Ms. Prajakta Barve and Ms. Yogita Sawant “Potentials of Rhizobium Species as Plant Growth Promoters”,** *Journal of International Academic Research for Multidisciplinary*, 2 (3): 692-702 (2014).
4. **Dr. Sachin B. Kakodkar (2013) “Synthesis, Characterisation & Photocatalytic Activity of Cadmium Sulphide”,** *International Journal of Engineering and Science (IJES)*, Volume 2, Issue 7(2013), pp. 35-38.
5. **Dr. Debasish Mazumdar (2013) “Challenges Before Small Scale & Cottage Industries in the Era of Globalization”** *International Journal of Tourism and Hospitality*; publisher Institute of Tourism & Hotel Management, Dr. B.R. Ambedkar University, Agra. Jan-June Issue 2013 with ISSN 2250-626.
6. **Dr. Debasish Mazumdar (2013), “Trepidation in Usage of Quantitative Method in Research in Economics”** *International Refereed Journal*, December, 2013. (ISSN No.2320-9399)
7. **Dr. Nandkumar N. Sawant, Miss Dishanta Malkarnekar, Mr. Kailas Gokhale (2013) “Beach Tourism and its Socio-Cultural Impacts: A Study of Perceptions of Rural Community – Agonda, Goa, India”,** *Journal of International Academic Research for Multidisciplinary*, Vol. I, Issue 11, Dec 2013, pp 508 – 520. (Impact factor 1.39)
8. **Dr. Nandkumar N. Sawant (2013) “Goa’s Coastal Tourism – S3 is now S4 (Sun, Sand, Sea and Sex)”,** *Human Trafficking in South Asia*, (ed.) Gaurav Publication, New Delhi, 2013, Pp 139 – 150.
9. **Dr. Nandkumar Sawant (2014), “Urban India, Metro India”,** *Goa Geographer* Vol. IX, No. 1, 2014, Pp. 72 – 78. (ISSN 0976-786X)
10. **Dr Mangala Veeresh, Dr. A. V. Veeresh (co-authors), Dr. B. B. Hosetti (2014), “Effect of Lead on the Functioning of Laboratory Model Waste Stabilization Pond”,** *Journal of International Academic Research for Multidisciplinary*, Volume 1, Issue 12, January 2014, pp. 654 – 665. (Impact factor - 1.393)
11. **Dr. A. V. Veeresh, Ms. Amisha Shirodker Pednekar, Ms. Divyarani S. Revankar & Mr. Kiran Kumar Eripogu (2014), “Response of Abelmoschus Esculentus (Linn.) Moench. to Xenobiotics”,** *Journal of International Academic Research for Multidisciplinary*, Volume 2, Issue 2, March 2014, 161 - 166.

12. **Dr. Nandini Vaz Fernandes, Ms. Regina Fernandes (Research and Technical Assistant), ‘Genetic Counseling for Breast Cancer’** as proceedings of ‘Multidisciplinary Discourses and Psychology’ (ISBN No. is 978-93-82504-47-4).
13. **Dr. Uma Masur and Mr. Kiran Kumar (2014), “Antibacterial and Antifungal Activity of Dysoxylum Binectariferum Hook. F”, *Journal of International Academic Research for Multidisciplinary*, 2320-5083, Volume 2, Issue 2, March 2014, 101 – 104.**

## ANNEXURE VIII

### BOOK PUBLICATIONS 2013-14

#### Book Published

1. **Dr. Philomena. Sequeira Antony (2013)** published her Doctoral Research work titled, “**The Goa-Bahia Intracolonial Relations**”, in 2004. The book has been translated and published in Brazil, in June 2013.
2. **Mr. Mahesh Matha (2013)** published a book titled “**JSP and Servlets: A Comprehensive Study**”, publisher *Prentice Hall India Learning Private Limited*, New Delhi.

#### Edited Books

1. Dr. Debasish Mazumdar (2013) edited a book titled “**Global Financial Crisis and Vulnerability of Indian Economy**” publisher by Abhijeet Publications, New Delhi. with ISBN 978-93-5074-102-3

#### Article in Book

1. **Dr. Nandkumar Sawant (2013)** published a *research article* “**Goa, Beach Tourism and Green Economy: An Environmental Performance of Hotel Industry of Coastal South Goa**” in the Book “Global Warming, Climate Change and Green Economy” edited by H. S. Sharma, Concept Publishers, New Delhi.
2. **Dr. Nandkumar Sawant (2013)** published a *research article* “Beach Tourism and Green Economy: An Environmental Performance of Hotel Industry of Coastal South Goa” in the edited book ‘Climate Change – Biodiversity and Green Economy’, Concept Publishing Company (P) Ltd., New Delhi, Pp 229 – 238.
3. **Ms. Rupaly Tamuly (2013)** published a *research articles*: “**Global Financial Crisis & Tourism Industry in Goa: An Alternative Approach**”, in the book titled ‘Global Financial Crisis and Vulnerability of Indian Economy’ published by Abhijeet Publications, New Delhi, pp. 177-187.
4. **Ms. Samantha V. Coutinho (2013)** published a *research articles* “**Global Financial Crisis: Does it Impact Overseas Migration & Remittances? – A Micro Level Study of Salcete Taluka**”, in the book titled ‘Global Financial Crisis and Vulnerability of Indian Economy’ published by Abhijeet Publications, New Delhi, pp. 53-64.

ANNEXURE IX  
**INDUCTIONS, ORIENTATIONS AND TRAININGS, 2013-14**

**ORGANISED FOR FACULTIES BY THE CHOWGULE COLLEGE: 6**

1. **2013:** Parvatibai Chowgule College of Arts and Science organized an “**Annual Induction/ Orientation programme**” for the newly joined faculty members on their responsibilities, various college policies, brief information about the College and its Departments on 14<sup>th</sup> June, 2013.
2. **2013:** The Department of Geography organized an *Orientation Programme* in “**Research Methodology**” for Project students of Faculty of Social Sciences and M.A. Geography on 29<sup>th</sup> June, 2013.
3. **2013:** The Department of Computer Science organized a *hands-on-training workshop* on “**Joomla Framework, a Content Management System (CMS)**” on 24<sup>th</sup> August, 2013.
4. **2013:** Students Support Service (Under Writing Centre) organized a *certified training program* for ‘**BEC Preliminary**’ (34 candidates) and ‘**Vantage**’ (30 candidates) levels wherein British Council officials conducted BEC exams in Parvatibai Chowgule College of Arts and Science on 20<sup>th</sup> and 21<sup>st</sup> Sept., 2013.
5. **2014:** The Department of Geography, Parvatibai Chowgule College of Arts and Science organized a “**Winter Training Programme in Geospatial Technologies**” under NRDMS Programme in DST from for various Universities including Goa University from 13<sup>th</sup> January, 2014 to 2<sup>nd</sup> February, 2014.
6. **2014:** The Department of Geography, Parvatibai Chowgule College of Arts and Science organized a *hands-on-training workshop* on “**Quantum GIS**” for Faculty in Geography from various colleges in Goa on 28<sup>th</sup> and 29<sup>th</sup> April, 2014.

**ORGANISED FOR FACULTIES BY THE OTHER INSTITUTES: 11**

1. **2013:** Mr. Ian Barreto, Department of Computer Science, Parvatibai Chowgule College of Arts and Science attended a *training program* on “**Core Java Programming**” organized by ORACLE Academy at Goa Engineering College, Farmagudi from 22<sup>nd</sup> July to 26<sup>th</sup> July, 2013.
2. **2013:** Dr. Animesh Adhikari, Department of Computer Science, Parvatibai Chowgule College of Arts and Science attended a *training program* on “**Database Systems & SQL**” organized by ORACLE Academy at Goa Engineering College, Farmagudi from 29<sup>th</sup> July to 2<sup>nd</sup> August, 2013.
3. **2013:** Ms. Suchitra Bhat, Department of Computer Science, Parvatibai Chowgule College of Arts and Science attended a *training program* on “**Database Systems & SQL**” organized by ORACLE Academy at Goa Engineering College, Farmagudi from 29<sup>th</sup> July to 2<sup>nd</sup> August, 2013.
4. **2013:** Mr. Abhishek Gudekar, Department of Computer Science, Parvatibai Chowgule College of Arts and Science attended a *workshop training program* on “**Robotech**” organized by M/S. Invent from Robotics, Panjim, Goa on 24<sup>th</sup> August, 2013.
5. **2013:** Ms. Priya Daivajna, Department of Computer Science, Parvatibai Chowgule College of Arts and Science attended a *workshop training program* on “**Robotech**” organized by M/S. Invent from Robotics, Panjim, Goa on 24<sup>th</sup> August, 2013.

6. **2013:** Thirteen faculty members from various departments of Parvatibai Chowgule College of Arts and Science attended *two weeks course* on **"Paradigm Shift in Education & Learning in the 21st Century"** organized by the Department of Management Studies, Goa University, at Goa University from 26th August to 6<sup>th</sup> September 2013.
7. **2013:** Dr. D.K. Tikare, Department of Zoology, Parvatibai Chowgule College of Arts and Science attended *a workshop training program* on **"Freshwater Biodiversity Conservation Education"** organized by Wild life Information Liaison Development Society (WILD) at Carmel College for Women, Goa on 22<sup>nd</sup> October, 2013.
8. **2013:** Dr. Nandini Fernandes, Department of Zoology, Parvatibai Chowgule College of Arts and Science attended *a workshop training program* on **"Freshwater Biodiversity Conservation Education"** organized by Wild life Information Liaison Development Society (WILD) at Carmel College for Women, Goa on 22<sup>nd</sup> October, 2013.
9. **2014:** Mr. Antonio Paes, Department of Computer Science, Parvatibai Chowgule College of Arts and Science along with the M.Sc. I.T. Students attended *the Annual State Level Student Convention* in association with GEC, CSI Student Branch organized by the Computer Society of India at the Directorate of Technical Education, Porvorim on 22nd February 2014.
10. **2014:** Dr. Uma Masur, Department of Botany, Parvatibai Chowgule College of Arts and Science attended *a Refresher Course* in **'Life Science'**, Academic Staff College, Rashtrasanth Tukadoji Maharaj, Nagpur University from 5<sup>th</sup> – 25<sup>th</sup> March, 2014.
11. **2014:** Fourteen Faculties from Department of Computer Science, Parvatibai Chowgule College of Arts and Science attended *a faculty training programme* on **"Train the Trainer (TTT)"** conducted by D-LINK Certified Trainer, Mr. Soumil Khandhadia, Mumbai on 2nd and 3rd April, 2014.



*Faculty training programme on "Train the Trainer (TTT)" conducted by D-LINK*



## ANNEXURE X

### PERMANENT FACULTIES, 2013-14

| S.N. | Names                               | Designation                         | Depts              | Qualification              |
|------|-------------------------------------|-------------------------------------|--------------------|----------------------------|
| 1.   | Dr. R V Gaonkar                     | Principal                           | Botany             | M.Sc, Ph.D.                |
| 2.   | Dr. P S Antony                      | Associate Professor                 | History            | M.A., Ph.D                 |
| 3.   | Dr. E M Travassos                   | Associate Professor                 | Economics          | M.A., Ph.D                 |
| 4.   | Dr. Antao Alfred Synesio            | Associate Professor                 | Chemistry          | M.Sc., Ph.D, D.H.E.        |
| 5.   | Shri R V Patil                      | Associate Professor                 | Philosophy         | M.A.                       |
| 6.   | Shri K N Mishra                     | Associate Professor                 | Zoology            | M.Sc.,M.Phil.              |
| 7.   | Dr. D K Tikare                      | Associate Professor                 | Zoology            | M.Sc., ph.D.               |
| 8.   | Smt. Mitra D S Borkar               | Associate Professor                 | French             | M.A.                       |
| 9.   | Shri M S Katti                      | Associate Professor                 | Geology            | M.Sc., M.Phil.             |
| 10.  | Shri H S S Nadkarni                 | Associate Professor                 | Geology            | M.Sc.                      |
| 11.  | Dr. M P Shivalli                    | Librarian                           | Library            | MLISc, Ph.D.               |
| 12.  | Dr. Debasish Majumdar               | Associate Professor                 | Economics          | M.A., Ph.D                 |
| 13.  | Smt. Rajashree R Desai              | Associate Professor                 | English            | M.A., S.E.T, B.Ed.         |
| 14.  | Shri Narendrakumar G Rivonkar       | Associate Professor                 | Chemistry          | M.Sc., D.H.E.              |
| 15.  | Shri Shrikrishna S Adsul            | Associate Professor                 | Marathi            | M.A, M.Phil.               |
| 16.  | Smt. Kavita A Borkar                | Associate Professor                 | Psychology         | M.A.,UGC N.L.T, B.Ed.      |
| 17.  | Shri Anand P Masur                  | Associate Professor                 | Mathematics        | M.Sc, M.S.                 |
| 18.  | Smt. Sarita S Naik Tari             | Associate Professor                 | History            | M.A., B.Ed.                |
| 19.  | Dr. Devashish Bagchi                | Director of Physical Education (SG) | Physical Education | M.P.Ed, M.Phil, Ph.D.      |
| 20.  | Dr. Nandkumar N Sawant              | Associate Professor                 | Geography          | M.A., S.E.T., Ph.D.        |
| 21.  | Dr. A V Veeresh                     | Associate Professor                 | Botany             | M.Sc.,Ph.D.,Dip.Ind.Biotec |
| 22.  | Dr. Celeste Fernandes               | Associate Professor                 | English            | M.A., S.E.T, Ph.D., B.Ed.  |
| 23.  | Smt. Shaila R Ghanti                | Associate Professor                 | Computer Science   | M.Sc.,M.Phil.              |
| 24.  | Shri Alberto Ian Aquino Barreto     | Associate Professor                 | Computer Science   | M.C.A.                     |
| 25.  | Shri Animesh Adhikari               | Associate Professor                 | Computer Science   | M.C.A.,GATE.,M.Tech.,Ph.D  |
| 26.  | Shri Kumares V C                    | Associate Professor                 | Computer Science   | M.Sc.,M.C.A.               |
| 27.  | Dr. Ganpat K Naik                   | Associate Professor                 | Chemistry          | M.Sc., Ph.D.               |
| 28.  | Shri D Prabakaran                   | Associate Professor                 | Computer Science   | M.C.A                      |
| 29.  | Dr. Gunaji S Desai                  | Associate Professor                 | Konkani            | M.A.UGC N.L.T, Ph.D.,B.Ed. |
| 30.  | Smt. Suchitra R Bhat                | Associate Professor                 | Computer Science   | M.C.A., S.E.T.             |
| 31.  | Smt. Malati S Desai                 | Assistant Professor                 | Physics            | M.Sc.                      |
| 32.  | Smt. Rakhi D Karapurkar             | Assistant Professor                 | Mathematics        | M.Sc.                      |
| 33.  | Dr. Omprakash Tripathi              | Associate Professor                 | Hindi              | M.A., Ph.D.                |
| 34.  | Dr. Ananya Das                      | Associate Professor                 | Physics            | M.Sc., Ph.D., PGDCA        |
| 35.  | Shri Hanumant C Chopdekar           | Associate Professor                 | Konkani            | M.A.,N.E.T                 |
| 36.  | Miss Judith M Dias Barreto          | Associate Professor                 | Computer Science   | M.C.A.                     |
| 37.  | Dr. Sangeeta G Sankhalkar           | Assistant Professor                 | Botany             | M.Sc., Ph.D.               |
| 38.  | Shri Allan Rodrigues                | Assistant Professor                 | Geology            | M.Sc., S.E.T.              |
| 39.  | Smt. Rupali M Tamuly                | Assistant Professor                 | Economics          | M.A., S.E.T., M.P.S        |
| 40.  | Smt. Neeta V Dhopeswarkar           | Assistant Professor                 | Computer Science   | M.C.A., N.E.T.             |
| 41.  | Smt. Sameena S Fernandes e Falleiro | Assistant Professor                 | Computer Science   | M.Sc., S.E.T.              |
| 42.  | Dr. Sachin B Kakodkar               | Assistant Professor                 | Chemistry          | M.Sc., Ph.D.               |
| 43.  | Dr. Sonia Fernandes Dacosta         | Assistant Professor                 | English            | M.A.,S.L.E.T., Ph.D        |



|     |                           |                     |           |                    |
|-----|---------------------------|---------------------|-----------|--------------------|
| 44. | Shri Yatin P Desai        | Assistant Professor | Physics   | M.Sc.,S.E.T., Ph.D |
| 45. | Smt. Anagha D Dicholcar   | Assistant Professor | Geography | M.A., S.E.T.       |
| 46. | Miss Meghana S Devli      | Assistant Professor | Geology   | M.Sc.,S.E.T.       |
| 47. | Dr. Mangala Veeresh       | Assistant Professor | Zoology   | M.Sc., Ph.D.       |
| 48. | Dr. Roopa S Belurkar      | Assistant Professor | Chemistry | M.Sc., Ph.D.       |
| 49. | Dr. Nandini Vaz Fernandes | Assistant Professor | Zoology   | M.Sc., Ph.D.,B.Ed. |
| 50. | Dr. Uma A Masur           | Assistant Professor | Botany    | M.Sc., Ph.D.       |
| 51. | Smt. Manjita R Porob      | Assistant Professor | Chemistry | M.Sc.,S.E.T.       |

#### TEMPORARY FACULTIES, 2013-14

| SN | Names                           | Designation                       | Qualification       |
|----|---------------------------------|-----------------------------------|---------------------|
| 1. | Smt. Sobita V Kirtani           | Assistant Professor (probation)   | M.A., S.E.T.        |
| 2. | Shri Sachin S Moraes            | Assistant Professor (probation)   | M.A.                |
| 3. | Dr. Rohan K. Kunkalekar         | Assistant Professor               | M.Sc., Ph.D.        |
| 4. | Smt. Amitha Shanbhogue          | Assistant Professor               | M.A., N.E.T., B.Ed. |
| 5. | Dr. Ashish M. Desai             | Assistant Professor               | M.Sc., Ph.D.        |
| 6. | Shri Wilbur Gonsalves           | Assistant Professor               | M.A., N.E.T.        |
| 7. | Miss Lactina R. Gonsalves       | Assistant Professor               | M.Sc., Ph.D.        |
| 8. | Miss Danielle C S Monteiro      | Assistant Professor (Contractual) | M.Sc., N.E.T., B.Ed |
| 9. | Smt. Vanessa Viegas e Fernandes | Assistant Professor               |                     |

#### CONTRACTUAL FACULTIES, 2013-14

| SN | Names                   | Designation                       | Qualification |
|----|-------------------------|-----------------------------------|---------------|
| 1. | Miss Sarika S Advilkar  | Assistant Professor (Contractual) | M.A., N.E.T.  |
| 2. | Shri Andrew S Barreto   | Assistant Professor (Contractual) | M.A. , N.E.T. |
| 3. | Miss Pratibha V Bakre   | Assistant Professor (Contractual) | M.Sc.         |
| 4. | Miss Vaishali N Gaonkar | Assistant Professor (Contractual) | M.Sc.         |
| 5. | Miss. Priya N. Daivajna | Assistant Professor (Contractual) | M.Sc., B.Ed.  |
| 6. | Miss Dipti J. Khedekar  | Assistant Professor (Contractual) | M.C.A.        |
| 7. | Miss Mahadevi S. Waddar | Assistant Professor (Contractual) | M.A.          |

#### LECTURE BASIS, 2013-14

| SN  | Names                           | Designation                         | Qualification         |
|-----|---------------------------------|-------------------------------------|-----------------------|
| 1.  | Smt. Carol Barretto Miranda     | Assistant Professor (Lecture basis) | M.A.                  |
| 2.  | Miss Sandhya T Joseph           | Assistant Professor (Lecture Basis) | M.A.                  |
| 3.  | Miss Samanta V Coutinho         | Assistant Professor (Lecture Basis) | M.A.                  |
| 4.  | Miss Shilpa V Khandolkar        | Assistant Professor (Lecture Basis) | M.Sc., N.E.T.         |
| 5.  | Shri Varad S Sabnis             | Assistant Professor (Lecture Basis) | M.A., N.E.T.          |
| 6.  | Shri Amol A Kholkar             | Assistant Professor (Lecture Basis) | M.A.                  |
| 7.  | Miss Mallica R. Dessai          | Assistant Professor (Lecture Basis) | M.A., B.Ed.           |
| 8.  | Miss Ruchi Singh                | Assistant Professor (Lecture Basis) | M.Sc., Ph.D., M.Phill |
| 9.  | Miss Socorrinha D'Costa         | Assistant Professor (Lecture Basis) | M.Sc.                 |
| 10. | Smt. Jaya K. Anand              | Assistant Professor (Lecture Basis) | M.A., S.E.T., N.E.T.  |
| 11. | Miss Carmen Natash Viegas Peres | Assistant Professor (Lecture Basis) | M.A.                  |
| 12. | Smt. Rupa S Desai               | Assistant Professor (Lecture Basis) | M.A.                  |
| 13. | Dr. Prakash N. Naik             | Assistant Professor (Lecture Basis) | M.A.                  |
| 14. | Miss Jenny G. Silveira          | Assistant Professor (Lecture Basis) | M.Sc.                 |
| 15. | Miss Sanas Shaikh               | Assistant Professor (Lecture Basis) | M.Sc.                 |
| 16. | Miss Tahira Shabbir Katib       | Assistant Professor (Lecture Basis) | M.A.                  |
| 17. | Miss Golda T. Vas               | Assistant Professor (Lecture Basis) |                       |
| 18. | Miss Raisa Cardoza              | Assistant Professor (Lecture Basis) |                       |
| 19. | Miss Sweta S. Naik              | Assistant Professor (Lecture Basis) |                       |

**PERMANENT OFFICE STAFF**

| <b>S.N</b> | <b>Support Staff Names</b> | <b>Designations</b>     | <b>Departments</b> |
|------------|----------------------------|-------------------------|--------------------|
| 1.         | Greta Almeida              | Head Clerk              | Administration     |
| 2.         | Anagha G. Parkar           | L.D.C.                  | Accounts           |
| 3.         | Anant S. Patil             | Jr. Programmer*         | Computer Science   |
| 4.         | Anirudh Kunde              | U.D.C.                  | Accounts           |
| 5.         | D.M. Prabhudesai           | Accountant              | Accounts           |
| 6.         | Dakshta R. Gaude           | Lab. Assistant          | Chemistry          |
| 7.         | Deelip T. Satardekar       | Store Keeper            | Chemistry          |
| 8.         | Deepak S. Bhandari         | Lab. Assistant          | Biology            |
| 9.         | Doreen C Desouza           | Lab. Assistant          | Biology            |
| 10.        | G.V.K. Nagalakshmi         | Jr. Programmer*         | Computer Science   |
| 11.        | Leena P. Naik              | Technician*             | Physics            |
| 12.        | Mangaldas S. Kerkar        | Lab. Assistant          | Chemistry          |
| 13.        | Prasad M. Parab            | Field & Plant Collector | Biology            |
| 14.        | Puja P. Prabhu             | L.D.C.                  | Accounts           |
| 15.        | Reena Goes                 | Jr. Stenographer        | Administration     |
| 16.        | Remediana Baretto          | Lab. Assistant          | Computer Science   |
| 17.        | S.K. Nagvenker             | Lab. Assistant          | Administration     |
| 18.        | Sangeeta S. Virdikar       | Lab. Assistant          | Geography          |
| 19.        | Sarvesh S.S. Narvencar     | U.D.C.                  | Administration     |
| 20.        | Shreya B Patil             | L.D.C.                  | Accounts           |
| 21.        | Sidhali M. Kakodkar        | Lab. Assistant          | Physics            |
| 22.        | Suveena S. Tamse           | L.D.C.                  | Administration     |
| 23.        | Vasant S.S. Shirwaikar     | Jr. Programmer*         | Computer Science   |
| 24.        | Ashfaqe B Haveri           | Lab. Attendant          | Geography          |
| 25.        | Avinash B. Kudnekar        | Lab. Attendant          | Office             |
| 26.        | Carlos Fernandes           | Lab. Attendant          | Office             |
| 27.        | Chandru H.S. Naik          | Lab. Attendant          | Office - Accts     |
| 28.        | Dayanand R. Vasta          | Lib. Attendant          | Library            |
| 29.        | Deepak K. Naik             | Peon                    | Office             |
| 30.        | Ishwar P. Kerkar           | Lab. Attendant          | Chemistry          |
| 31.        | Jayprakash K. Kherkar      | Peon                    | Chemistry          |
| 32.        | Mohandas R. Naik           | Lib. Attendant          | Library            |
| 33.        | Narayan A. Naik            | Lab. Attendant          | Physics            |
| 34.        | Nilesh S. Shetkar          | Lab. Attendant          | Office             |
| 35.        | Prakash G. Sawant          | Gymkhana Peon           | Biology            |
| 36.        | Rajesh H. Malgi            | Lab. Attendant          | Chemistry          |
| 37.        | Ramakant K. Gawde          | Sweeper / Peon          | Biology            |
| 38.        | Sandeep B. Velip           | Gardener                | Biology            |
| 39.        | Shalil N. Naik             | Lab. Attendant          | Geology            |
| 40.        | Shamsundar R. Naik         | Lab. Attendant          | Physics            |
| 41.        | Shekhar D. Gaude           | Lab. Attendant          | Biology            |
| 42.        | Suresh J. Manjrekar        | Lab. Attendant          | Gymkhana           |
| 43.        | Uday B. Naik               | Lab. Attendant          | Physics            |
| 44.        | Vinod N. Naik Arondekar    | Peon                    | Office             |
| 45.        | Vishnu G. Kavlekar         | Lab. Attendant          | Library            |

### TEMPORARY OFFICE STAFF

| SN | Name of the Staff      | Designation | Department  |
|----|------------------------|-------------|-------------|
| 1. | Mithila R S Talaulikar | L.D.C.      | Examination |
| 2. | Amiruddin N. Shaikh    | Watchman    | Office      |
| 3. | Niwas U. Faldesai      | Watchman    | Office      |
| 4. | Santan Fernandes       | Daily Wages | Office      |
| 5. | Vithal P. Naik         | Daily Wages | Office      |
| 6. | Yallawa H. Malgi       | Daily Wages | Office      |

### MANAGEMENT PERMANENT STAFF

| SN | Name of the Staff                | Designation                           | Department              |
|----|----------------------------------|---------------------------------------|-------------------------|
| 1  | Mr. Sameer V. G. Dessai          | Estate Officer                        | Estate Office           |
| 2  | Mr. Laxman Rama Mesta            | Electrician cum Maintenance Incharge* | Estate Office           |
| 3  | Ms. Amishi M. Saglani            | Human Resource Executive              | Administrative          |
| 4  | Ms. Maria Epifania Quadros       | Secretary to English & Konkani        | Administrative          |
| 5  | Ms. Ashavine Naik                | Secretary to Hindi & Marathi          | Administrative          |
| 6  | Ms. Fiona Andrade                | Secretary to Economics                | Administrative          |
| 7  | Mr. Vasant Hede                  | Marketing Officer                     | Administrative          |
| 8  | Ms. Bhavana Maharudra Sawardekar | Secretary to Deans                    | Administrative          |
| 9  | Ms. Pradnya Parab                | Software Developer*                   | Information Technology  |
| 10 | Ms. Reema Vaidya                 | Service Engineer*                     | Information Technology  |
| 11 | Mr. Rony Pinto                   | Service Engineer*                     | Information Technology  |
| 12 | Ms. Sharmila Menezes             | Career Counselor                      | Student Support Service |
| 13 | Ms. Monica Patil                 | Advisor - English Writing Center      | Student Support Service |
| 14 | Ms. Naina Rane                   | Secretary - Writing Center            | Student Support Service |
| 15 | Mr. Vernul P. Sequira            | Advisor - Writing Center              | Student Support Service |
| 16 | Mr. Kailas D. Gokhale            | Statician*                            | Student Support Service |
| 17 | Ms. Valerie Jacques              | Personal Counselor                    | Student Support Service |
| 18 | Mr. Shubhajit Datta              | Technical Director*                   | Tiger's Studio          |
| 19 | Mr. Pintu Biswas                 | Technician*                           | Tiger's Studio          |
| 20 | Mr. Presley Fernandes            | Director of Photography*              | Tiger's Studio          |
| 21 | Mr. Joy Prasad Murmu             | 3D Artist*                            | Tiger's Studio          |
| 22 | Mr. Pranesh Pradeep Desai        | Illustrator*                          | Tiger's Studio          |
| 23 | Mr. Sanjaya Kumar Swain          | General Manager                       | Sports Center           |
| 24 | Mr. Krishnanand Shanku Naik      | Fitness Trainer*                      | Sports Center           |
| 25 | Ms. Azia Juliana Noronha         | Receptionist cum Front Office Manager | Sports Center           |
| 26 | Mr. Ferrao Gomes                 | Fitness Trainer*                      | Sports Center           |
| 27 | Mr. Domnic Borges                | Front Office Assistant                | Sports Center           |
| 28 | Mr. Jeff Antansio Antao          | Accountant                            | Sports Center           |
| 29 | Mr. Rajesh Rajgopal Rao          | Shift Manager                         | Sports Center           |
| 30 | Mr. Sandeep Murgaonkar           | Marketing Manager                     | Sports Center           |

### MANAGEMENT PROBATION STAFF

| SN | Name of the Staff             | Designation                     | Department     |
|----|-------------------------------|---------------------------------|----------------|
| 1  | Mr. Krishna J. Velip          | Watchman                        | Estate Office  |
| 2  | Mr. Vinod Gurudas Phal Dessai | Close Circuit Camera Supervisor | Estate Office  |
| 3  | Mr. Joseph Joao D'Costa       | Bus Driver                      | Estate Office  |
| 4  | Ms. Trina Andrade             | Scanner Operator*               | Administrative |

# ANNEXURE XI

## STATISTICS OF FACULTY MEMBERS INVOLVED IN CURRICULUM RESTRUCTURING / REVISION / SYLLABUS DEVELOPMENT AS MEMBER OF BOARD OF STUDY / FACULTY / CURRICULUM DEVELOPMENT WORKSHOP IN THE ACADEMIC YEAR 2013-14.

| S.N.         | Departments      | Curriculum    |           |                      |
|--------------|------------------|---------------|-----------|----------------------|
|              |                  | Restructuring | Revision  | Syllabus Development |
| 1.           | Botany           | -             | -         | -                    |
| 2.           | Chemistry        | 1             | -         | -                    |
| 3.           | Computer Science | 1             | 9         | 2                    |
| 4.           | Mathematics      | 1             | -         | 3                    |
| 5.           | Geology          | 1             | -         | -                    |
| 6.           | Physics          | -             | -         | -                    |
| 7.           | Zoology          | 2             | 3         | -                    |
| 8.           | Biotechnology    | 1             | 1         | 1                    |
| 9.           | Economics        | -             | 3         | 4                    |
| 10.          | Geography        | 1             | 5         | 5                    |
| 11.          | History          | 1             | -         | -                    |
| 12.          | Philosophy       | -             | -         | -                    |
| 13.          | Psychology       | -             | 2         | -                    |
| 14.          | Sociology        | 1             | 1         | 1                    |
| 15.          | English          | -             | 2         | 2                    |
| 16.          | French           | 1             | 1         | 1                    |
| 17.          | Hindi            | 1             | -         | -                    |
| 18.          | Konkani          | -             | 1         | -                    |
| 19.          | Marathi          | 1             | 2         | 2                    |
| <b>TOTAL</b> |                  | <b>13</b>     | <b>30</b> | <b>21</b>            |

## ANNEXURE XII

### RESOURCES PERSONS

#### FACULTIES FROM CHOWGULE COLLEGE : 24

| S N | Resource Person                                         | Activity                                                                                         | Talk on                                                                                        | Organized by/<br>Venue                                                         | Date                       | Levels   |
|-----|---------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------|----------|
| 1.  | <b>Ms. Rupali Tamuly,</b><br>Department of Economics    | Talk                                                                                             | “Ecological Footprints: A Sustainable Alternative”                                             | Mallikarjun College of Arts & Commerce, Canacona, Goa, Department of Economics | 20th July, 2013            | State    |
| 2.  | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography | Teachers Workshop                                                                                | “How to become effective teachers”                                                             | GVM’s College, Ponda, Goa                                                      | 25th August, 2013          | State    |
| 3.  | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography | “Census Data Dissemination Workshop”                                                             | “Analysis of data on (0 – 6) Population and Literates in Goa State from Census 2011”           | At Panaji, Goa                                                                 | 25th September, 2013       | State    |
| 4.  | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography | National Seminar on “Impact of Urbanization on Environment”                                      | “Urban India, Metro India”                                                                     | Department of Geography, D. R. Mane Mahavidyalaya, Kagal, Kolhapur             | 28th September, 2013       | National |
| 5.  | <b>Mrs. Kavita Borker,</b><br>Department of Psychology  | ‘Challenges and problems faced by youth today’                                                   | ‘How to write poetry’                                                                          | Mallikarjun College, Canacona                                                  | August 2013                | State    |
| 6.  | <b>Dr. Kiran Popkar,</b><br>Department of Hindi         | State Level Seminar on “Jayanti Naik Ani Jayashree Rai Che Sahitya Ek Abhyas”                    | Konkani and Hindi literature have made significantly visible at the National level             | Govt. College, Khandola                                                        | 4th September, 2013        | State    |
| 7.  | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography | National Conference on “Recent Trends in Tourism, Population and Geoinformatics”                 | “India’s Demographic Transition and Human Development Index: An Appraisal and its Implication” | Kurukalli, Kolhapur                                                            | 11th and 12th October 2013 | National |
| 8.  | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography | Refresher Course in Earth Science on the theme “Sustainable Development, Equity and Environment” | “India’s March towards Population Stabilization and Human Development”                         | UGC-Academic Staff College, University of Pune                                 | 26th October, 2013         | National |
| 9.  | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography | Workshop on Census Data Dissemination                                                            | “Slum Population and Amenities in Urban Goa.”                                                  | Directorate of Census Operations, Goa                                          | 4th and 17th December      | State    |

|     |                                                                                    |                                                                                                                |                                                                                                             |                                                                                        |                                                       |                  |
|-----|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|
|     |                                                                                    |                                                                                                                |                                                                                                             |                                                                                        | 2013                                                  |                  |
| 10. | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography                            | ICSSR sponsored International Interdisciplinary Conference on “Human Resource Development in South Asia”       | “India’s Demographic Transition, Spin-Off and Challenges in Human Resource Development”                     | Government College, Ajmer, Rajasthan                                                   | 19th – 21st December, 2013                            | Inter - national |
| 11. | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography-<br><i>Plenary Speaker</i> | National Seminar on “Application of Geoinformatics for Natural Hazard Management                               | “Coastal Tourism and Ecology – Some Application of Remote Sensing and GIS.”                                 | Department of Geography & Research Centre, Shri Shivaji Mahavidyalaya, Barshi, Solapur | 27th and 28th December, 2013                          | National         |
| 12. | <b>Dr. Sanjay Gaikwad,</b><br>Department of Geography                              | Special Lecture                                                                                                | “Applications of Remote Sensing and GIS”                                                                    | R. R. Patil College of Arts, Savlaj Maharashtra                                        | 30th December, 2013                                   | National         |
| 13. | <b>Mrs. Kavita Borker,</b><br>Department of Psychology                             | Workshop                                                                                                       | ‘How to deal with adolescence’                                                                              | Higher Secondary teachers of Fr. Agnel Institution, Verna                              | 29th October, 2013                                    | State            |
| 14. | <b>Dr. Nandini Vaz Fernandes,</b><br>Department of Zoology                         | Lecture for the postgraduate students of Bioscience Department                                                 | ‘Genetic Diagnosis’                                                                                         | Gogate College’ Ratnagiri                                                              | 24th January, 2014                                    | National         |
| 15. | <b>Mr. Sachin Moraes,</b><br>Department of Sociology                               | International Workshop                                                                                         | ‘Rural Development’                                                                                         | Parvatibai Chowgule College of Arts and Science                                        | 26th to 30th January, 2014                            | Inter - national |
| 16. | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography                            | Interdisciplinary National Seminar on “Integrated Regional Planning and Human Resource Development in India”   | “Integrated Regional Planning and Human Resource Development in India : Some Insights and Issues”           | Organized by Parishkar College of Global Excellence, Jaipur                            | 10 <sup>th</sup> and 11 <sup>th</sup> February, 2014. | National         |
| 17. | <b>Dr. Sanjay Gaikwad,</b><br>Department of Geography                              | National Conference on “Applications of Remote Sensing and GIS in Geography”                                   | “Applications of Remote Sensing and GIS in Rain Water Harvesting in the drought prone areas of Goa”         | organized by Abasaheb Marathe College, Rajapur, Ratnagiri,                             | 3rd & 4th February, 2014                              | National         |
| 18. | <b>Dr. Sanjay Gaikwad,</b><br>Department of Geography                              | National Seminar on “Sustainable Development of Rain Water Harvesting in Drought Prone Regions of Maharashtra” | “Applications of Remote Sensing and GIS in Rain Water Harvesting in the drought prone areas in Maharashtra” | Organized by R. R. Patil college of Arts and Science, Savlaj, Maharashtra              | 11 <sup>th</sup> & 12 <sup>th</sup> February, 2014    | National         |

|     |                                                                       |                                                                                                            |                                                                      |                                                                                                                                                                                       |                                                   |          |
|-----|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------|
| 19. | <b>Dr. Nandkumar Sawant,</b><br>Department of Geography               | Lecture at the workshop on “Revitalizing and Reorienting Geography Education in India”                     | “Human Geography: Need for Practical Approach and Skill Enhancement” | Organized by Department of Geography, Shree Mallikarjun College, Canacona, Goa in association with Indian Council for Social Science Research (ICSSR) Western Regional Center, Mumbai | 28 <sup>th</sup> & 29 <sup>th</sup> March 2014    | State    |
| 20. | <b>Dr. D. Mazumdar,</b><br>Department of Economics                    | Lecture for refresher course                                                                               | “Governance and Growth – non-parametric approach”                    | Organized by Academic Staff College (ASC) Goa University                                                                                                                              | 12 <sup>th</sup> March, 2014                      | National |
| 21. | <b>Dr. O.P. Tripathi,</b><br>Department of Hindi - <i>Chief Guest</i> | Valedictory function of National Seminar on ‘Ekkisvi Sadi Ke Pratham Dashak Ke Kahani (Katha) Sahitya’     |                                                                      | Organized by Gomantak Rashtra Bhasha Vidhyapith, Margao                                                                                                                               | 29 <sup>th</sup> and 30 <sup>th</sup> March, 2014 | State    |
| 22. | <b>Mr. Shrikrishna Adsul,</b> Department of Marathi                   | Preside over the session in National Seminar on ‘Ekkisvi Sadi Ke Pratham Dashak Ke Kahani (Katha) Sahitya’ | ‘Marathi Kahani Sahitya Me Gramin Jivan’                             | Organized by Gomantak Rashtra Bhasha Vidhyapith, Margao                                                                                                                               | 29 <sup>th</sup> and 30 <sup>th</sup> March, 2014 | National |
| 23. | <b>Dr. Sanjay Gaikwad,</b><br>Department of Geography                 | Lecture at the workshop on HP II at Water Resources Department, Goa                                        | “Land Use/Land Cover Changes and its Impact on Water Quality”        | Organized by Hard Rock Regional Centre, Belgaum                                                                                                                                       | 13 <sup>th</sup> – 15 <sup>th</sup> March 2014    | State    |
| 24. | <b>Mr. Vishal Malave,</b><br>Department of Geography                  | lecture at the workshop on “Revitalizing and Reorienting Geography Education in India”                     | “GIS as a Modern Geographical Tool”                                  | Organized by Department of Geography, Shree Mallikarjun College, Canacona, Goa in association with Indian Council for Social Science Research (ICSSR) Western Regional Center, Mumbai | 28 <sup>th</sup> and 29 <sup>th</sup> March, 2014 | State    |
| 25. | <b>Ms. Kavita Borker,</b><br>Department of Psychology                 | Talk                                                                                                       | ‘Careers in Psychology’                                              | Organized by Department of Psychology at M.E.S. College, Vasco                                                                                                                        | 18 <sup>th</sup> March, 2014                      | State    |



**ANNEXURE XIII**

**GUEST LECTURES: 13**

**(2013-14)**

| <b>S. N.</b> | <b>Key Speaker/Guest</b>                                                                                                                                                                                                | <b>Activity</b>                                         | <b>Topic</b>                                                                                                       | <b>Date</b>                               | <b>Remarks</b>                                                 |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------|
| 1.           | <b>Mrs. Kiran Soni Gupta</b> IAS, Principal Secretary, Art & Culture, Government of Rajasthan, Jaipur                                                                                                                   | Special Lecture on “Gender and Natural Disasters”       | How a Disaster Affects Women, Children, the Aged and the Youth Need to be Pro-Active and Sensitive to these Issues | 23 <sup>rd</sup> July, 2013               |                                                                |
| 2.           | <b>Mr. Rajendra P. Kerkar</b> , Environmentalist A Great Historian, Folklorist and an Expert on Ecology of Goa                                                                                                          | Special Lecture on “Ecological Heritage of Goa”         |                                                                                                                    | 28th August, 2013                         | Organized by Department of Geography for MA Geography students |
| 3.           | <b>Prof. Arvind Kudchadker</b> , Professor Emeritus, IIT, Bombay and Founder Director of Dhirubhai Ambani Institute of Information Technology (DA-IICT) and Pandit Deendayal Petroleum University, Gandhinagar, Gujarat | Interactive Session                                     | “Innovation in Teaching”                                                                                           | 30 <sup>th</sup> August, 2013             | Organized by Parvatibai Chowgule College of Arts and Science   |
| 4.           | <b>Mr. Sanjeev Sardessai</b> , a Noted Photographer and History Researcher                                                                                                                                              | Guest Lecture - to celebrate the liberation day of Goa  | 'Operation Vijay'                                                                                                  | 13th December, 2013                       | Organized by History Forum Department of History               |
| 5.           | <b>Dr. K. Jothi Sivagnanam</b> , Professor, Department of Economics and Director, Agro Economic Research Centre, (AERC), University of Madras, Chennai                                                                  | Subject Talk - “Fiscal Federalism; Theory and Practice” | Fiscal federalism can bring sustainable development in the country                                                 | 17th December, 2013                       | Organized by Department of Economics                           |
| 6.           | <b>Dr. Mukadam</b> , Gogate – Jogalekar College, Ratnagiri                                                                                                                                                              | Lecture                                                 | ‘Mangroove Diversity of Ratnagiri’                                                                                 | 23rd January, 2014                        | Organized by Department of Zoology and Human Genetics Lab      |
| 7.           | <b>Dr. C Berde</b> , Gogate – Jogalekar College, Ratnagiri                                                                                                                                                              | Lecture                                                 | ‘Research at Bioscience Department’                                                                                | 23rd January, 2014                        |                                                                |
| 8.           | <b>Dr. Vinod Bhardwaj</b> , Lecturer and Nodal Officer, Directorate of College Education, Government of Rajasthan, Jaipur                                                                                               | Lecture Series                                          | “Human Migration and Rural Planning.”                                                                              | 31st January, 2014 and 1st February, 2014 | Organized by Department of Geography                           |
| 9.           | <b>Prof. Lal Mervin</b>                                                                                                                                                                                                 | Special Lecture                                         | “Transformation of                                                                                                 | 29th                                      | Organized for                                                  |

|     |                                                                                                        |                 |                                                                                                     |                                 |                                                                       |
|-----|--------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------|
|     | <b>Dharmasiri</b> , Department of Geography, University of Kelaniya, Sri Lanka,                        |                 | Agriculture in Sri Lanka”                                                                           | January, 2014                   | faculty and postgraduate students of Geography Department             |
| 10. | <b>Mr. Clifford Desilva</b>                                                                            | Talk            | ‘Rational Emotive Behaviour Therapy’ (REBT)                                                         | 21 <sup>st</sup> January, 2014  | Organized by Department of Psychology                                 |
| 11. | <b>Dr. Sachin Tendulkar</b> , Senior Programme Officer, Mineral Foundation of Goa, Panaji              | Special lecture | “Watershed Management and Soil Characteristics – Porosity, Permeability and Source of Ground Water” | 11 <sup>th</sup> February, 2014 | Organized for M.A. and third year B.Sc. Geography students            |
| 12. | <b>Mr. Allen D’Souza</b>                                                                               | Talk            | “Security Markets & Investor Awareness”                                                             | 24 <sup>th</sup> February, 2014 | Organised Economics Department                                        |
| 13. | <b>Mr. Victor Rangel Ribeiro</b> , an eminent writer and scholar, and a certified ‘De Bono’ Instructor | Workshop        | “Lateral Thinking”                                                                                  | 22nd March, 2014                | Organized by Department of English in association with Tigers’ Studio |

**ANNEXURE XIV**  
**COLLABORATIONS AND LINKAGES, 2013-14**

| S.N. | Visit to                                                                                  | Details                                                                                                                                                                                                                                                                                                                                        |
|------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Gogate - Jogalekar College, Ratnagiri                                                     | By Dr. Nandkumar Sawant under Faculty - Exchange Programme to deliver a series of lectures in Urban Geography for Postgraduate students on 31 <sup>st</sup> August, 2013.                                                                                                                                                                      |
| 2.   | Waseda University, Tokyo, Japan                                                           | By Mr. A.D. Dange, Mr. Sachin Moraes and ten students under Student - Faculty Exchange Programme from 9 <sup>th</sup> to 24 <sup>th</sup> November, 2013.                                                                                                                                                                                      |
| 3.   | University of Rajasthan, Jaipur                                                           | By Dr. Sanjay Gaikwad, Ms. Mallica Desai and Third year Geography students of Parvatibai Chowgule College had an interactive sessions with their faculty and students of the Department from 6 <sup>th</sup> to 16 <sup>th</sup> November, 2013.                                                                                               |
| 4.   | Sodra-Latin Gymnasium, Stockholm Sweden                                                   | By Four students and two faculty members to Parvatibai Chowgule College of Arts and Science under Student - Faculty Exchange Programme from 1 <sup>st</sup> to 8 <sup>th</sup> December, 2013.                                                                                                                                                 |
| 5.   | Botany Department, Parvatibai Chowgule College of Arts and Science                        | By Students and faculty from the Department of Botany, Gogte Jogalekar College, Ratnagiri for lectures on Medicinal plants and their uses on 8 <sup>th</sup> January, 2014                                                                                                                                                                     |
| 6.   | Physics Department, Parvatibai Chowgule College of Arts and Science                       | By Gogate – Jogalekar College, Ratnagiri for a workshop on “Introduction to Microprocessors and Microcontrollers” from 16 <sup>th</sup> to 18 <sup>th</sup> January 2014.                                                                                                                                                                      |
| 7.   | Zoology department and Human Genetic Lab, Parvatibai Chowgule College of Arts and Science | By students and faculties from the Departments of Zoology and Biotechnology, Gogate College, Ratnagiri on 23 <sup>rd</sup> January, 2014                                                                                                                                                                                                       |
| 8.   | Bioscience Department, Gogate College’ Ratnagiri                                          | By Dr. Nandini Vaz Fernandes and Zoology Students on 24 <sup>th</sup> January, 2014.                                                                                                                                                                                                                                                           |
| 9.   | Geography Department, Parvatibai Chowgule College of Arts and Science                     | By postgraduate students of Geography, University of Rajasthan, Jaipur for a lecture series on 31 <sup>st</sup> January, 2014 and 1 <sup>st</sup> February, 2014.                                                                                                                                                                              |
| 10.  | Geography Department, Parvatibai Chowgule College of Arts and Science                     | By University of Sri Jayewardenepura, Sri Lanka as a collaborative International workshop on ‘Rural Development’ was organized from 26 <sup>th</sup> to 30 <sup>th</sup> January 2014.                                                                                                                                                         |
| 11.  | Parvatibai Chowgule College of Arts and Science                                           | By students and faculty members of Waseda University, Tokyo, Japan for one and a half week Exchange Programme (Wherein they attended various lectures on culture of Goa and also visited important places like Sneha Mandir, heritage homes along with temples, churches and beaches) from 9 <sup>th</sup> to 20 <sup>th</sup> February, 2014. |
| 12.  | Stockholm, Sweden                                                                         | By five students, Mrs. Anagha and Mr. Ashok D. Dange under Student Exchange Programme with Sodra Latins and Tullinge Gymnasium, wherein they were exposed to Swedish culture, health services and education system from 14 <sup>th</sup> to 25 <sup>th</sup> March, 2014.                                                                      |



**Japan exchange programme**



**Sri Lanka exchange programme**

**ANNEXURE XV**  
**MINOR RESEARCH PROJECTS, 2013-14**

| SN | Title of the project                                                                  | Duration year | Sponsored by | Amount     |          | Status   |
|----|---------------------------------------------------------------------------------------|---------------|--------------|------------|----------|----------|
|    |                                                                                       |               |              | Sanctioned | Received |          |
| 1. | Ref:- 47-1771/10 (WRO) dtd. 8/5/11 Title:- "Embedded System for network security"     | 2011-12       | UGC          | 165000     | 155000   | On going |
| 2. | Ref:-23-2248/10 (WRO) dtd. 22/2/2012 Title:- Regional Goan Writers writing in English | 2012-13       | UGC          | 90000      | 75000    | On going |

**MAJOR RESEARCH PROJECTS, 2013-14**

| S<br>N | Title of the project                                                                                                                                                                                                    | Year    | Sponsored by | Amount     |          | Status   |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------|------------|----------|----------|
|        |                                                                                                                                                                                                                         |         |              | Sanctioned | Received |          |
| 1.     | Ref:-41-1067/2012(SR) Title:- Socio-Cultural Transformation and impact on the society                                                                                                                                   | 2012-13 | UGC          | 511600     | 511600   | on going |
| 2.     | Ref:- 02-147/2011-RP Title:- "Goa: Tourism & Socio-Cultural Implications, A study of slected Touristdestination of south Goa"                                                                                           | 2012-13 | ICSSR        | 539650     | 200800   | on going |
| 3.     | Ref:- SR/SO/PS/119/2010 Title:-Nonenzymatic (ascorbate induced) antioxidant enzyme protection in rice seedlings (salt tolerant) grown in saline Khazan fields in Goa and its comparison with salt sentive rice variety" | 2012-13 | UGC          | 2292000    | 1300000  | on going |



# ANNEXURE XVI

## DETAILS OF UNDERGRADUATE (UG) STUDENTS FOR THE YEAR 2012-13

| Under – Graduate | Total No. of students | Male       | %          | Female     | %          | General    | SC       | ST        | OBC       | Physically Challenged |
|------------------|-----------------------|------------|------------|------------|------------|------------|----------|-----------|-----------|-----------------------|
| FYBA             | 131                   | 30         | 33%        | 101        | 77%        | 122        | 2        | 2         | 5         | 0                     |
| FYBsc            | 155                   | 52         | 34%        | 103        | 66%        | 137        | 0        | 4         | 14        | 0                     |
| SYBA             | 115                   | 28         | 24%        | 87         | 76%        | 106        | 0        | 5         | 4         | 0                     |
| SYBsc            | 104                   | 34         | 33%        | 70         | 67%        | 96         | 0        | 4         | 4         | 0                     |
| TYBA             | 80                    | 13         | 16%        | 67         | 84%        | 75         | 1        | 1         | 3         | 0                     |
| TYBsc            | 124                   | 36         | 29%        | 88         | 71%        | 115        | 1        | 3         | 5         | 0                     |
| <b>TOTAL</b>     | <b>709</b>            | <b>193</b> | <b>27%</b> | <b>516</b> | <b>73%</b> | <b>651</b> | <b>4</b> | <b>19</b> | <b>35</b> | <b>0</b>              |

## DETAILS OF POSTGRADUATE (PG) STUDENTS FOR THE YEAR 2012-13

| Post Graduate         | Total No. of students | Male      | %          | Female    | %          | General   | SC       | ST        | OBC      | Physically Challenged |
|-----------------------|-----------------------|-----------|------------|-----------|------------|-----------|----------|-----------|----------|-----------------------|
| P.G.D.C.A.            | 24                    | 13        | 54%        | 11        | 46%        | 19        | 0        | 3         | 2        | 0                     |
| P.G.D.G.I.S.          | 6                     | 4         | 67%        | 2         | 33%        | 3         | 0        | 0         | 3        | 0                     |
| C.C.P.T / P.G.C.C.P.T | 4                     | 0         | 0%         | 4         | 100%       | 4         | 0        | 0         | 0        | 0                     |
| P.G.D.H.G.P.T         | 7                     | 0         | 0%         | 7         | 100%       | 6         | 0        | 1         | 0        | 0                     |
| M.A. Geography I      | 17                    | 5         | 29%        | 12        | 71%        | 9         | 0        | 5         | 3        | 0                     |
| M.A. Geography II     | 18                    | 8         | 33%        | 12        | 67%        | 15        | 0        | 2         | 1        | 0                     |
| M.Sc.I.T.I            | 20                    | 7         | 45%        | 11        | 55%        | 20        | 0        | 0         | 0        | 0                     |
| M.Sc.I.T.II           | 19                    | 4         | 26%        | 14        | 74%        | 19        | 0        | 0         | 0        | 0                     |
| <b>TOTAL</b>          | <b>115</b>            | <b>41</b> | <b>75%</b> | <b>73</b> | <b>25%</b> | <b>95</b> | <b>0</b> | <b>11</b> | <b>9</b> | <b>0</b>              |

## DETAILS OF UNDERGRADUATE (UG) STUDENTS FOR THE YEAR 2013-14

| Under - Graduate | Total No. of students | Male       | %          | Female     | %          | General    | SC       | ST        | OBC       | Physically Challenged | Students From Outside Goa |
|------------------|-----------------------|------------|------------|------------|------------|------------|----------|-----------|-----------|-----------------------|---------------------------|
| FYBA             | 146                   | 23         | 16%        | 123        | 84%        | 129        | 2        | 3         | 12        | 0                     | 2                         |
| FYBsc            | 159                   | 55         | 35%        | 104        | 65%        | 134        | 0        | 5         | 20        | 0                     | 5                         |
| SYBA             | 109                   | 22         | 20%        | 87         | 80%        | 100        | 2        | 2         | 5         | 0                     | 0                         |
| SYBsc            | 130                   | 35         | 27%        | 95         | 73%        | 109        | 0        | 5         | 15        | 1                     | 0                         |
| TYBA             | 104                   | 23         | 22%        | 81         | 78%        | 96         | 0        | 5         | 3         | 0                     | 2                         |
| TYBsc            | 106                   | 38         | 35%        | 68         | 65%        | 92         | 4        | 3         | 7         | 0                     | 0                         |
| <b>TOTAL</b>     | <b>754</b>            | <b>196</b> | <b>26%</b> | <b>558</b> | <b>74%</b> | <b>660</b> | <b>8</b> | <b>23</b> | <b>62</b> | <b>1</b>              | <b>9</b>                  |

**DETAILS OF POSTGRADUATE (PG) STUDENTS FOR THE YEAR 2013-14**

| <b>Postgraduate</b>     | <b>Total No. of students</b> | <b>Male</b> | <b>%</b>   | <b>Female</b> | <b>%</b>   | <b>General</b> | <b>SC</b> | <b>ST</b> | <b>OBC</b> | <b>Physically Challenged</b> | <b>Students From Outside Goa</b> |
|-------------------------|------------------------------|-------------|------------|---------------|------------|----------------|-----------|-----------|------------|------------------------------|----------------------------------|
| P.G.D.C.A.              | 29                           | 12          | 41%        | 17            | 59%        | 23             | 0         | 4         | 2          | 0                            | 0                                |
| P.G.D.G.I.S.            | 5                            | 4           | 80%        | 1             | 20%        | 5              | 0         | 0         | 0          | 0                            | 1                                |
| P.G.D.C.G.M.L.T         | 7                            | 0           | 0%         | 7             | 100%       | 6              | 0         | 0         | 1          | 0                            | 0                                |
| M.A. Geography I        | 20                           | 4           | 20%        | 16            | 80%        | 10             | 0         | 5         | 5          | 0                            | 0                                |
| M.A. Geography II       | 17                           | 4           | 24%        | 13            | 77%        | 17             | 0         | 0         | 0          | 0                            | 0                                |
| M.Sc.I.T.I              | 17                           | 12          | 71%        | 5             | 29%        | 16             | 0         | 0         | 1          | 0                            | 1                                |
| M.Sc.I.T.II             | 17                           | 5           | 29%        | 12            | 71%        | 17             | 0         | 0         | 0          | 0                            | 0                                |
| M.Sc. Analytical Chem I | 20                           | 2           | 10%        | 18            | 90%        | 17             | 0         | 0         | 3          | 0                            | 0                                |
| <b>TOTAL</b>            | <b>132</b>                   | <b>43</b>   | <b>69%</b> | <b>89</b>     | <b>31%</b> | <b>111</b>     | <b>0</b>  | <b>9</b>  | <b>12</b>  | <b>0</b>                     | <b>2</b>                         |

**DETAILS OF DOCTOR OF PHILOSOPHY (PH.D.) STUDENTS FOR THE YEAR 2013-14**

| <b>Doctor Of Philosophy</b> | <b>Total No. of student</b> | <b>Male</b> | <b>%</b>  | <b>Female</b> | <b>%</b>    | <b>General</b> | <b>SC</b> | <b>ST</b> | <b>OBC</b> | <b>Physically Challenged</b> | <b>Students From Outside Goa</b> |
|-----------------------------|-----------------------------|-------------|-----------|---------------|-------------|----------------|-----------|-----------|------------|------------------------------|----------------------------------|
| Hindi Ph. D                 | 2                           | 0           | 0         | 2             | 100%        | 2              | 0         | 0         | 0          | 0                            | 0                                |
| <b>TOTAL</b>                | <b>2</b>                    | <b>0</b>    | <b>0%</b> | <b>2</b>      | <b>100%</b> | <b>2</b>       | <b>0</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>                     | <b>0</b>                         |



**ANNEXURE XVII**  
**RESULTS FOR THE ACADEMIC YEAR 2013-14.**

**T.Y.B.A. April 2014 - Final Result**

**Semester VI**

| <b>Subject</b>                    | <b>No.of<br/>Students<br/>Registered</b> | <b>No.of<br/>Students<br/>Appeared</b> | <b>No.of<br/>Students<br/>Passed</b> | <b>Distin-<br/>ction</b> | <b>First<br/>Class</b> | <b>Second<br/>Class</b> | <b>Pass<br/>Class</b> |
|-----------------------------------|------------------------------------------|----------------------------------------|--------------------------------------|--------------------------|------------------------|-------------------------|-----------------------|
| <b>English</b>                    | 8                                        | 8                                      | 8                                    | <u>4</u>                 | 3                      | 1                       |                       |
| <b>English + French</b>           | 3                                        | 3                                      | 3                                    | 2                        | 1                      |                         |                       |
| <b>English + Economics</b>        | 1                                        | 1                                      | 1                                    |                          | 1                      |                         |                       |
| <b>English + History</b>          | 6                                        | 6                                      | 5                                    | 1                        | 1                      | 1                       | 2                     |
| <b>English + Psychology</b>       | 3                                        | 3                                      | 3                                    | 1                        | 1                      | 1                       |                       |
| <b>English + Geography</b>        | 1                                        | 1                                      | 1                                    |                          | 1                      |                         |                       |
| <b>Marathi</b>                    | 3                                        | 3                                      | 3                                    | 2                        | 1                      |                         |                       |
| <b>Marathi + History</b>          | 3                                        | 3                                      | 3                                    |                          | 2                      | 1                       |                       |
| <b>Konkani</b>                    | 5                                        | 5                                      | 5                                    | 2                        | 2                      | 1                       |                       |
| <b>Konkani +<br/>Geography</b>    | 1                                        | 1                                      | 1                                    |                          | 1                      |                         |                       |
| <b>Hindi</b>                      | 1                                        | 1                                      | 1                                    |                          | 1                      |                         |                       |
| <b>Hindi + Sociology</b>          | 2                                        | 2                                      | 2                                    | 1                        | 1                      |                         |                       |
| <b>Hindi + History</b>            | 4                                        | 4                                      | 4                                    |                          | <u>3</u>               | 1                       |                       |
| <b>Sociology</b>                  | 10                                       | 10                                     | 10                                   | 4                        | 3                      | 3                       |                       |
| <b>Sociology +<br/>Economics</b>  | 1                                        | 1                                      | 1                                    | 1                        |                        |                         |                       |
| <b>Sociology + History</b>        | 3                                        | 3                                      | 3                                    |                          | 2                      |                         | 1                     |
| <b>Sociology +<br/>Psychology</b> | 5                                        | 5                                      | 5                                    | 1                        | 2                      | 2                       |                       |
| <b>Sociology +<br/>Geography</b>  | 1                                        | 1                                      | 1                                    |                          | 1                      |                         |                       |
| <b>Economics</b>                  | 9                                        | 9                                      | 9                                    | 2                        | 6                      | 1                       |                       |
| <b>History</b>                    | 7                                        | 7                                      | 7                                    | 1                        | 3                      | 3                       |                       |
| <b>History + Psychology</b>       | 1                                        | 1                                      | 1                                    |                          |                        | 1                       |                       |
| <b>History + Geography</b>        | 1                                        | 1                                      | 1                                    |                          | 1                      |                         |                       |
| <b>Psychology</b>                 | 14                                       | 14                                     | 14                                   | 7                        | 5                      | 1                       | 1                     |
| <b>Geography</b>                  | 11                                       | 11                                     | 11                                   | <u>4</u>                 | 2                      | 5                       |                       |
| <b>TOTAL</b>                      | <b>104</b>                               | <b>104</b>                             | <b>103</b>                           | <b>33</b>                | <b>44</b>              | <b>22</b>               | <b>4</b>              |

**T.Y.B.Sc. April 2014 - Final Result**  
**Semester VI**

| Subject          | No.of Students Registered | No.of Students Appeared | No.of Students Passed | Distinction | First Class | Second Class | Pass Class |
|------------------|---------------------------|-------------------------|-----------------------|-------------|-------------|--------------|------------|
| Physics          | 6                         | 6                       | 6                     | 3           | 2           |              | 1          |
| Chemistry        | 34                        | 34                      | 33                    | 25          | 8           |              |            |
| Botany           | 5                         | 5                       | 5                     | 4           | 1           |              |            |
| Zoology          | 9                         | 9                       | 9                     | 8           | 1           |              |            |
| Geology          | 14                        | 14                      | 14                    | 7           | 3           | 3            | 1          |
| Mathematics      | 13                        | 13                      | <u>12</u>             | 3           | 4           | 2            | <u>3</u>   |
| Computer Science | 4                         | 4                       | 4                     | 4           |             |              |            |
| Biotechnology    | 18                        | 18                      | 18                    | <u>14</u>   | 4           |              |            |
| Geography        | 1                         | 1                       | 1                     | 1           |             |              |            |
| <b>TOTAL</b>     | <b>104</b>                | <b>104</b>              | <b>102</b>            | <b>69</b>   | <b>23</b>   | <b>5</b>     | <b>5</b>   |

**T.Y.P.G. Courses April 2014 - Final Result**

| Subject                 | No. of Students Appeared | No. of Students Passed | Distinction | First Class | Second Class | Pass Class |
|-------------------------|--------------------------|------------------------|-------------|-------------|--------------|------------|
| P.G.D.C.A.              | 27                       | 25                     | 3           | 6           | 14           | 2          |
| P.G.D.C.G.M.L.T         | 7                        | 7                      | 3           | 7           |              |            |
| P.G.D.G.I.S.            | 5                        | 3                      | 2           |             | 1            |            |
| M.Sc I.T.               | 16                       | 16                     | 1           | 12          | 3            |            |
| M.A.-Geography          | 18                       | 18                     | 4           | 10          | 4            |            |
| M.Sc. Analytical Chem I | 20                       | 19                     | 9           | 9           | 1            |            |
| <b>TOTAL</b>            | <b>93</b>                | <b>88</b>              | <b>22</b>   | <b>44</b>   | <b>23</b>    | <b>2</b>   |

**ANNEXURE XVIII**  
**NSS ACTIVITIES**

| S.N | Activity                                                       | Date                     | Place                                           | Remarks                                                     |
|-----|----------------------------------------------------------------|--------------------------|-------------------------------------------------|-------------------------------------------------------------|
| 1.  | Volunteers at Lusofonia Games                                  | 19.01.2014 to 20.01.2014 | Panaji                                          | <b>Co-ordinator:</b> Mrs. Sylvia D'souza                    |
| 2.  | Run for Unity                                                  | 15.12.2013               | Fatorda to Lohia Maidan                         |                                                             |
| 3.  | Walkathon AIDS Awareness Rally                                 | 05.12.2013               | Margao KTC to Municipality Garden               | 'UDANT' NGO based in Santacruz, Panjim                      |
| 4.  | Environmental Project - Submission of Milk Packets             | 12.03.2014               | Parvatibai Chowgule College of Arts and Science |                                                             |
| 5.  | Voter's Awareness Camp                                         | 23.03.2014               | Parvatibai Chowgule College of Arts and Science | AROs from South Goa Collectorate, Margao                    |
| 6.  | Environment Project – making paper bags and their distribution | 03.10.2013               | Parvatibai Chowgule College of Arts and Science |                                                             |
| 7.  | Garbage Management Awareness                                   | 25.10.2013               | Margao, Municipality                            | <b>Resource Person:</b> Chief Officer, Margao, Municipality |

**NCC ACTIVITIES**

| S.N. | Activity                         | Date       | Place                                           | Resource Person/s                          |
|------|----------------------------------|------------|-------------------------------------------------|--------------------------------------------|
| 1.   | AIDS Awareness Program           | 01.12.2013 | Parvatibai Chowgule College of Arts and Science |                                            |
| 2.   | National Voter's Day Celebration | 25.01.2014 | Parvatibai Chowgule College of Arts and Science | Mr. Venencio Furtado Collector, South Goa. |

**ANNEXURE XIX**  
**SPORTS, GAMES AND OTHER EVENTS, 2013-14**

| S. N.                  | Sports Events participated                            | Attended  |            | Awardees Name         | Sports Awards            | Attended  |           |
|------------------------|-------------------------------------------------------|-----------|------------|-----------------------|--------------------------|-----------|-----------|
|                        |                                                       | National  | State      |                       |                          | National  | State     |
| 1.                     | All India Inter Collegiate Football Tournament        | 20        |            | College Football Team | 2 <sup>nd</sup> Position | 20        |           |
| 2.                     | National Under 21 Cricket Tournament                  | 18        |            | College Cricket Team  | 1 <sup>st</sup> Position | 18        |           |
| 3.                     | Open State 20-20 Cricket Tournament                   |           | 18         |                       |                          |           |           |
| 4.                     | State Inter College Futsal Championship               |           | 12         | College Futsal Team   | 2 <sup>nd</sup> Position |           | 12        |
|                        |                                                       |           |            | Savio Fernandes       | Best Player              |           | 1         |
| 5.                     | Goa University Inter College Table Tennis Tournament  |           | 10         | College Women Team    | 4 <sup>th</sup> Position |           | 5         |
|                        |                                                       |           |            | Eleanor Do Rosario    | 2 <sup>nd</sup> Position |           | 1         |
| 6.                     | Goa University Inter College Badminton Tournament     |           | 9          | College Women Team    | 2 <sup>nd</sup> Position |           | 4         |
|                        |                                                       |           |            | Sharmad Mahajan       | 1 <sup>st</sup> Position |           | 1         |
| 7.                     | Goa University Inter College Cross Country Tournament |           | 15         |                       |                          |           |           |
| 8.                     | Goa University Inter College Chess Tournament         |           | 5          |                       |                          |           |           |
| 10.                    | Goa University Inter College Swimming Tournament      |           | 4          |                       |                          |           |           |
| 10.                    | Goa University Inter College Basketball Tournament    |           | 12         |                       |                          |           |           |
| 11.                    | Goa University Inter College Handball Tournament      |           | 12         | College Team          | 4 <sup>th</sup> Position |           | 12        |
| 12.                    | Goa University Inter College Football Tournament      |           | 20         |                       |                          |           |           |
| 13.                    | Goa University Inter College Cycling Tournament       |           | 9          | College Team          | 2 <sup>nd</sup> Position |           | 9         |
|                        |                                                       |           |            | Amrit Topno           | 2 <sup>nd</sup> Position |           | 1         |
| 14.                    | Goa University Inter College Athletics                |           | 33         | College Team          | 3 <sup>rd</sup> Position |           | 33        |
|                        |                                                       |           |            | Balachandra Jadar     | 1 <sup>st</sup> Position |           | 8         |
|                        |                                                       |           |            | Ranjit Reang          | 1 <sup>st</sup> Position |           |           |
|                        |                                                       |           |            | Amrit Topno           | 2 <sup>nd</sup> Position |           |           |
|                        |                                                       |           |            | Shweta Gaonkar        | 2 <sup>nd</sup> Position |           |           |
|                        |                                                       |           |            | Valucio Rodrigues     | 2 <sup>nd</sup> Position |           |           |
|                        |                                                       |           |            | Rhys Rebello          | 2 <sup>nd</sup> Position |           |           |
|                        |                                                       |           |            | Savio Fernandes       | 2 <sup>nd</sup> Position |           |           |
|                        |                                                       |           |            | Abigail Fernandes     | 3 <sup>rd</sup> Position |           |           |
| 15.                    | Goa University Inter College Cricket Tournament       |           | 18         |                       |                          |           |           |
| 16.                    | Goa University Inter College Volleyball Tournament    |           | 12         |                       |                          |           |           |
| 17.                    | Goa University Inter College Wt. Lifting Tournament   |           | 8          |                       |                          |           |           |
| <b>TOTAL ATTENDEES</b> |                                                       | <b>38</b> | <b>197</b> | <b>TOTAL AWARDEES</b> |                          | <b>38</b> | <b>87</b> |

**ANNEXURE XX**  
**CULTURAL EVENTS, 2013-14**

| S. N.        | Cultural Events                                                          | Participated |           | Awardees Name                                                                                                                                                                                                                         | Awards                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No. of Awards |           |
|--------------|--------------------------------------------------------------------------|--------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
|              |                                                                          | National     | State     |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          | National      | State     |
| 1.           | Intercollegiate IT festival "NOESIS"                                     |              | 10        | Ms. Archana Gudi,<br>Mr. Reddy<br>Dharmavaram,<br>Mr. Mitesh Bandodkar,<br>Ms. Sumya Sayed,<br>Mr. Castor Godinho<br>Mr. Aditya Rane,<br>Ms. Liona D'souza, Ms. Charmaine Rodrigues,<br>Ms. Sampada Padwalkar and Ms. Pradnya Verekar | 1 <sup>st</sup> place in 'Bit coder'<br>2 <sup>nd</sup> place in 'Query, Bitcoder'<br>2 <sup>nd</sup> place in 'Query'<br>2 <sup>nd</sup> place in 'Bloggers paradise'<br>1 <sup>st</sup> place for 'Feel it speak it, Noise'<br>2 <sup>nd</sup> place in 'Interview'<br>2 <sup>nd</sup> place in 'Cyber scavenging',<br>1 <sup>st</sup> place in 'Digital art, Jigsaw'<br>2 <sup>nd</sup> place in 'Sketch it'<br>1 <sup>st</sup> place in 'Color RGB'. |               | 10        |
| 2.           | Inter college event TERRA                                                | 9            |           | T.Y. Geology students                                                                                                                                                                                                                 | 1st place                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1             |           |
| 3.           | All India Duet Dance competition "Dance War" 2014                        | 2            |           | Mr. Sereno Godinho,<br>Ms. Frezy Johnson,                                                                                                                                                                                             | 1st place in the duet category                                                                                                                                                                                                                                                                                                                                                                                                                           | 1             |           |
| 4.           | XXIII All Goa Inter-Collegiate and University Poets Meet (Kavi Sammelan) |              | 10        | Ms. Samant Sandhya<br>Ms. Kurtarkar Rutuja<br>Alias Ravina                                                                                                                                                                            | 2 <sup>nd</sup> place in Hindi Category<br>2 <sup>nd</sup> place in Marathi Category                                                                                                                                                                                                                                                                                                                                                                     |               | 2         |
| 5.           | National Level Classical Dance Competition                               | 1            |           | Ms. Vaishnavi Pai<br>Cacode                                                                                                                                                                                                           | 1st place                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1             |           |
| 6.           | Kavita Fest                                                              | 4            |           | Ms. Sushmita Pai Kane                                                                                                                                                                                                                 | 2 <sup>nd</sup> place in All India Poetry Reciting Competition                                                                                                                                                                                                                                                                                                                                                                                           | 1             |           |
| 7.           | All Goa Inter Collegiate "Value Education Through Songs"                 |              | 12        | Ms. Gretchen Barretto,<br>Mr. Aldrich Rodrigues,<br>Mr. Ranjit Reang                                                                                                                                                                  | 1st place - Solo Singing Competition                                                                                                                                                                                                                                                                                                                                                                                                                     |               | 1         |
| 8.           | "I-RIS 2014"                                                             |              | 20        | Ms. Frezy Johnson, Mr. Sereno Godinho, Ms. Shilpa Prabhukar, Ms. Chriscenia Dias, Mr. Akshay Naik and Ms. Jeena Jose                                                                                                                  | 1st place for group dance competition                                                                                                                                                                                                                                                                                                                                                                                                                    |               | 1         |
| <b>TOTAL</b> |                                                                          | <b>16</b>    | <b>52</b> |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>4</b>      | <b>14</b> |

**ANNEXURE XXI**  
**SCHOLARSHIP AND FINANCIAL SUPPORT**

| Particulars                        | Type of Financial Support / Scholarships | Names of Students           | Amount |
|------------------------------------|------------------------------------------|-----------------------------|--------|
| Financial support from institution | Students Aid Fund                        | i. Gomes Armando            | 1500   |
|                                    |                                          | ii. Harmalkar Sunil Manohar | 1500   |
|                                    |                                          | iii. Deepa Houshetti        | 1500   |
| TOTAL                              |                                          |                             | 4,500  |

|                                          |                                                                                                                                         |                                           |                |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------|
| <b>Financial Support from Government</b> | Goa Konkani Academy                                                                                                                     | 1. Sumita Chodenkar                       | 10000          |
|                                          |                                                                                                                                         | 2. Shubha Barad                           | 10000          |
|                                          | Govt. Merit Scholarship - First Term (B.A. and B.Sc. Section - Three students each from F.Y, S.Y., T.Y.)                                | 3. Keni Tanya Ashish                      | 578            |
|                                          |                                                                                                                                         | 4. Jyoti                                  | 520            |
|                                          |                                                                                                                                         | 5. Verencar Krishna Rajesh                | 462            |
|                                          |                                                                                                                                         | 6. Verlekar Ankita Sadanand               | 578            |
|                                          |                                                                                                                                         | 7. Parodkar Naguesh Alias Varun Rajendra  | 520            |
|                                          |                                                                                                                                         | 8. Tanvi Vinayak Deshpande                | 462            |
|                                          |                                                                                                                                         | 9. Amrita S. Iyer                         | 578            |
|                                          |                                                                                                                                         | 10. Desai Aishwarya Dhillan               | 520            |
|                                          |                                                                                                                                         | 11. Mahadik Sailee Vasantrao              | 462            |
|                                          |                                                                                                                                         | 12. Mendes Joyce Valencia                 | 578            |
|                                          |                                                                                                                                         | 13. Barneto Priyanka Joana                | 520            |
|                                          |                                                                                                                                         | 14. Fernandes Rynella Clare Lina          | 462            |
|                                          |                                                                                                                                         | 15. Aswathi R. Jagdish                    | 578            |
|                                          |                                                                                                                                         | 16. Furtado Shehnaz Maria                 | 520            |
|                                          |                                                                                                                                         | 17. Fernandes Roseanna                    | 462            |
|                                          |                                                                                                                                         | 18. Correia Viona                         | 578            |
|                                          |                                                                                                                                         | 19. Naik Swati Subash                     | 520            |
|                                          |                                                                                                                                         | 20. Bakhale Manasi Pandurang              | 462            |
|                                          | Govt. Merit Scholarship - Second Term (B.A. and B.Sc. Section - Three students each from F.Y and S.Y., whereas four students from T.Y.) | 21. Keni Tanya Ashish                     | 578            |
|                                          |                                                                                                                                         | 22. Verencar Krishna Rajesh               | 520            |
|                                          |                                                                                                                                         | 23. Jyoti                                 | 462            |
|                                          |                                                                                                                                         | 24. Parodkar Naguesh Alias Varun Rajendra | 578            |
|                                          |                                                                                                                                         | 25. Prabhu Desai Pratiksha Nitin          | 520            |
|                                          |                                                                                                                                         | 26. Manakikar Gautami Nagesh              | 462            |
|                                          |                                                                                                                                         | 27. Amrita S. Iyer                        | 578            |
|                                          |                                                                                                                                         | 28. Guarda Natasha                        | 520            |
|                                          |                                                                                                                                         | 29. Antao Maizy Glisa                     | 462            |
|                                          |                                                                                                                                         | 30. Rane Aditya Arun                      | 838            |
|                                          |                                                                                                                                         | 31. Gomes Tania Rifa                      | 520            |
|                                          |                                                                                                                                         | 32. Fernandes Rynella Clare Lina          | 462            |
|                                          |                                                                                                                                         | 33. Aswathi R. Jagdish                    | 578            |
|                                          |                                                                                                                                         | 34. Kamat Ambika Vishnu                   | 520            |
|                                          |                                                                                                                                         | 35. Albuquerque Avlon Columba             | 462            |
|                                          |                                                                                                                                         | 36. Kavalekar Pooja Tanaji                | 578            |
|                                          |                                                                                                                                         | 37. Dessai Saili Dinesh                   | 520            |
|                                          |                                                                                                                                         | 38. Gurav Pallavi Pramod                  | 462            |
|                                          |                                                                                                                                         | 39. M. Mahesh Rao                         | 462            |
|                                          | Post Matric Scholarships & Gagan Bharari                                                                                                | 40. Gaonkar Sudesh Babu                   | These students |
|                                          |                                                                                                                                         | 41. Gaude Amol Gurudas                    |                |

|                                                    |                             |                                                                                                                                |
|----------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Scheme for minority (SC, ST, OBC) students of Goa. | 42. Gaonkar Priya           | have applied for scholarship - no record whether they received scholarship as scholarship amount is sent directly to students. |
|                                                    | 43. Madkaikar Manjisha Nemu |                                                                                                                                |
|                                                    | 44. Gaunkar Josmitha        |                                                                                                                                |
|                                                    | 45. Gaunkar Rajesh Rohidas  |                                                                                                                                |
|                                                    | 46. Naik Shradha Shiva      |                                                                                                                                |
|                                                    | 47. Jalmi Ravina Ratnakar   |                                                                                                                                |
|                                                    | 48. Moraes Samson Angelo    |                                                                                                                                |
|                                                    | 49. Fernandes Jienel Sweezy |                                                                                                                                |
|                                                    | 50. Shingadi Dixit Bhairu   |                                                                                                                                |
|                                                    | 51. Vishnu Pandurang Chari  |                                                                                                                                |
|                                                    | 52. Shingadi Dixita Bhairu  |                                                                                                                                |
|                                                    | 53. Pandharmise Sapna Thoko |                                                                                                                                |
|                                                    | 54. Andrade Nazita Otili    |                                                                                                                                |
|                                                    | 55. Dias Candida            |                                                                                                                                |
|                                                    | 56. Dias Hazel              |                                                                                                                                |
|                                                    | 57. Colaco Stephen          |                                                                                                                                |
|                                                    | 58. Dias Velencia           |                                                                                                                                |
|                                                    | 59. Dias Melcy Lily         |                                                                                                                                |
|                                                    | 60. Redkar Shaili           |                                                                                                                                |
|                                                    | 61. Naik Punit Bhalchandra  |                                                                                                                                |
| <b>TOTAL</b>                                       |                             | <b>39,442</b>                                                                                                                  |

|                                             |                                                            |                                      |      |
|---------------------------------------------|------------------------------------------------------------|--------------------------------------|------|
| <b>Financial Support from other sources</b> | Adv. Jaywant Ghanashyam Malkarnekar Memorial Prize - B.A.  | i. Fernandes Amanda                  | 100  |
|                                             | Adv. Jaywant Ghanashyam Malkarnekar Memorial Prize - B.Sc. | ii. Karmalkar Deepika Gajanan        | 100  |
|                                             | Mrs. Matilda Da Silva Ribeiro Memorial Prize (Philosophy)  | iii. Mehta Anjali Lalit              | 100  |
|                                             | U. N. Shalini Prize (Economics)                            | iv. Thakkar Gautami Pandurang        | 150  |
|                                             | Late (Mrs.) Muriel Faleiro Memorial Prize (B.Sc)           | v. Karmalkar Deepika Gajanan         | 1000 |
|                                             | Shri Raghunath Baburao Nagwekar Memorial Prize (Chemistry) | vi. Karmalkar Deepika Gajanan        | 1000 |
|                                             | Smt. Laximibai Raghunath Nagwekar Memorial Prize (Marathi) | vii. Sawant Sneha Sanjay             | 1000 |
|                                             | Shri L. D. Samant Memorial Prize (Geology)                 | viii. Clemente Misquita John Antonio | 1000 |
|                                             | Dr. S. S. Phadke Prize (Konkani)                           | ix. Talaulikar Gauraj Govind         | 1000 |
|                                             | Carmo Rebello Memorial Prize (T.Y.B.Sc -Chemistry)         | x. Bakhale Manasi Pandurang          | 150  |
|                                             | Physics Dept. Prize                                        | xi. Saroj M. Majukar                 |      |



|              |                                                                                                                                                                                                                            |                               |                 |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|
|              | (T.Y.B.Sc.)                                                                                                                                                                                                                |                               |                 |
|              | Dr. R. Y. Mishra Memorial Prize (Hindi)                                                                                                                                                                                    | xii. Guraw Vinaya Kashinath   | 1500            |
|              | Late Smt. Indumati Ramadas Mallya Memorial Scholar- Ship For Highest Aggregate In Pcm At Xi Science                                                                                                                        | xiii. Austin D'souza          | 65000           |
|              | Late Smt. Indumati Ramadas Mallya Memorial Scholar- Ship For Highest Aggregate In Pcb At Xi Science                                                                                                                        | xiv. Deepen Manoj Solanki     | 65000           |
|              | Late Smt. Krishnabai Sadanand Rao Memorial Prize For Securing 60% Marks In Marathi At Ssc Examination & Joining Xi In Chowgule College                                                                                     | xv. Tanvi Vishwajeet Kulkarni | 15000           |
|              | Shri R. S. Rao Prize For Securing Highest Marks In Mathematics At Xii Exam And Joining B.Sc. With Maths As One Of The Subject In Chowgule College                                                                          | xvi. Simonia Fernandes        | 10000           |
|              | Shri R. S. Rao Prize For Securing Highest Marks In Mathematics At B.Sc. Final Exam.                                                                                                                                        | xvii. Ashwini Sawant          | 10000           |
|              | Prof. Devidas Jaiwant Malkernekhar Memorial Prize Will Be Awarded To A Student Passing Tybsc University Examination From This College At First Attempt, Securing Highest Total Marks In Physics (Obtaining Min. 60% Marks) | xviii. Khan Fasihuzzama       |                 |
|              | <u>Hira Wagh Prizes</u><br>Ms. Pratima Naik Memorial Prize                                                                                                                                                                 | xix. Sukanya Chari            | 1000            |
|              | B.A. Final Highest In Geography                                                                                                                                                                                            | xx. M.G. Ashodi               | 1000            |
| <b>TOTAL</b> |                                                                                                                                                                                                                            |                               | <b>1,74,100</b> |

**ANNEXURE XXII**  
**STUDENTS ORGANIZED /INITIATIVES**

| <b>S.N</b> | <b>Activity</b>                                                                                                      | <b>Department</b>                         | <b>Organized for</b>                                                    | <b>Date/year</b>           |
|------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------|----------------------------|
| 1.         | Gigatech'13<br>(All Goa Inter Collegiate IT Quiz Event)                                                              | Computer Science                          | B.Sc. Computer Science and B.C.A students                               | 6th August, 2013           |
| 2.         | Srujanotsav 2013                                                                                                     | Konkani                                   | Intra Higher secondary and college section                              | 14th to 20th August, 2013  |
| 3.         | Occasion of 'Tulsi Evam Premchand Jayanti'- an Inter Higher Secondary 'Ekal Abhinay' and 'Katha Kathan' competitions | Hindi                                     | Higher Secondary students from other colleges                           | 21st August, 2013          |
| 4.         | "Shakespeare Festival - The Bard by the Mandovi 2013"                                                                | English                                   | Fourteen schools and Higher Secondary schools                           | 24th September, 2013       |
| 5.         | Intercollegiate Event "Geographize"                                                                                  | Geography                                 | Nine Goa colleges and Ratnagiri, Maharashtra                            | 26th September, 2013       |
| 6.         | 'Navankur Kalamatshotsav'                                                                                            | Marathi                                   | An Inter High School and Higher Secondary Competition                   | 2nd December, 2013         |
| 7.         | Intercollegiate Competition 'Pegasus 2013'                                                                           | English                                   | Different colleges in Goa specifically for students of Elective English | 5th and 6th December, 2013 |
| 8.         | One-Act Competition on the theme 'Psychology in Mythology'                                                           | Psychology                                | Seven Colleges And Twenty Five Higher Secondary Schools Of Goa          | 14th December, 2013        |
| 9.         | Annual Inter-Collegiate event "SYNAPSE"                                                                              | Biotechnology                             | Students from different colleges in Goa                                 | 17th December, 2013        |
| 10.        | 'State Level Inter Collegiate Elocution Competition'                                                                 | Hindi                                     | For other colleges in Goa.                                              | 8th January, 2014          |
| 11.        | Annual Inter-Collegiate Geology Event "NEBULA 2014"                                                                  | Geology                                   | For Geology students, colleges, Universities in and around Goa          | 22nd February, 2014        |
| 12.        | Intercollegiate Festival - 'Revelations 2014'                                                                        | Economic Forum of Department of Economics | For Economic Students from other colleges in Goa                        | 7th and 8th March, 2014    |

## ANNEXURE XXIII

### CAMPUS PLACEMENTS

| S<br>N | Company<br>Name                                            | Date       | Profile/<br>designation                               | Working Hours                                                                                       | NOS<br>attended | NOS<br>selected | Campus<br>Interview<br>(C) / Off<br>Campus<br>(OC) |
|--------|------------------------------------------------------------|------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------|-----------------|----------------------------------------------------|
| 1.     | Wipro Pvt. Ltd.<br>Bangalore                               | 18.12.2013 | WIPRO MS<br>Course in IT /<br>Software<br>programmers | 4 Year work cum<br>study MS program.<br><br>Full time Mon to<br>Friday – MS Student<br>on Weekends. | 25              | 10              | C                                                  |
| 2.     | Cinnamontal<br>Book<br>Publishing<br>Company<br>Margao Goa | 28.05.2014 | Editor                                                | Full Time                                                                                           | 1               | 1               | OC                                                 |
| 3.     | Genora Infotech<br>Verna Goa                               | 27.06.2014 | Software<br>Programmer                                | Fulltime                                                                                            | 1               | 1               | OC                                                 |
| 4.     | Transverse<br>Technologies<br>Ltd.                         | 28.06.2014 | Geographic<br>Information<br>Systems Trainee          | Full time                                                                                           | 1               | 1               | OC                                                 |
| 5.     | Tara Trust<br>NGO Colva<br>Goa                             | 13.06.2014 | Workshop Assistant                                    |                                                                                                     | 1               | 1               | OC                                                 |

## Consolidated Report of views of Industry Officials

At the meeting with Mr. Ricky Noronha, Director of OPSPL on 15-07-2014, the following discussion took place:

“This is a very good PG Diploma course and it needs to be kept open for all graduates interested in computers and willing to work in IT Industry. BA, BSC, BCOM, BCA etc. Right Questions needs to be asked to students. Students are confused and need to be addressed by asking whether they like working in IT, not necessarily only in Programming. The PGDCA Student will more likely be working with clients/customer, communicating with internal staff and need to understand the system have good communication skills”.

As per Mr. Noronha, the following modules need to be added:

- S/W Testing and QA
- Network Administration – Lot of demand for in house system admins for Hotels.
- Project Planning and coordination – Look into Microsoft Projects and the landmarks
- Data Base Administration
- Business Correspondence and communication skills
- Internet Research

In an earlier meeting with Mr. Noronha held on 06th May, 2013, he had informed that OPSPL likes to take local inexperienced candidates and give them an opportunity to have experience in IT sector. Their requirement was that the prospective candidate must have expertise in PHP, MySQL and NET or C#. They agreed to have student interns from MSc IT. OPSPL is a major recruiter of MSc IT students.

He was appreciative of MSc II students whom he had recruited. He had praised the course and informed that MSc IT students had good programming skills and were progressing well in his company.

At the meeting with Mr. Caslino, Director of Sandbox Technologies on 25-06-2014, the following advice was given regarding PGDCA course: “Keep Management Information Software (MIS)(Open Source Software ) in Regular Curriculum and Keep Java programming Optional”. He also advised that students must visit websites like courseonline.com, udema and Stanford university website where a lot of course material is available online.

The staff had visited Genora InforTech on 06th May, 2013. Mr. Prabhu, the owner informed them that their requirement was that the prospective candidate must have expertise in Java, PHP, MySQL, JavaScript or AJAX as they work in these technologies. He did a perusal of the MSc IT syllabus and was appreciative of MSc IT as all these technologies were taught in the course.

**ANNEXURE XXV**  
**COMPUTER DETAILS FOR THE YEAR 2013-14**

| Sr. No.          | Particulars                                            | Existing in<br>2013-14 | Added in<br>2014-15 | TOTAL      |
|------------------|--------------------------------------------------------|------------------------|---------------------|------------|
| <b>A.</b>        | <b>OFFICE</b>                                          |                        |                     |            |
| 1.               | Administration                                         | 13                     | -                   | 13         |
|                  | Secretaries Cabin                                      | 06                     | -                   | 06         |
|                  | Estate Office                                          | 01                     | -                   | 01         |
| 2.               | Accounts                                               | 07                     | -                   | 07         |
| 3.               | Students Support Service –<br>Writing Centre           | 11                     | -                   | 11         |
|                  | Career / Counselling Centre                            | -                      | -                   | -          |
|                  | Statistical Analytical Support service                 | -                      | -                   | -          |
|                  | Centre for Portuguese Language &<br>Culture            | -                      | -                   | -          |
| 4.               | Office of Information Technology –<br>Development Cell | 10                     | -                   | 10         |
|                  | Server Room                                            | 07                     | -                   | 07         |
|                  | Lab 1                                                  | 52                     | -                   | 52         |
|                  | Lab 2                                                  | 35                     | -                   | 35         |
|                  | Lab3                                                   | 68                     | -                   | 68         |
| 5.               | Library                                                | 07                     | -                   | 07         |
| <b>TOTAL (A)</b> |                                                        | <b>217</b>             | <b>-</b>            | <b>217</b> |
| <b>B.</b>        | <b>DEPARTMENTS</b>                                     |                        |                     |            |
| 1.               | Computer Science<br>M.Sc. I.T. Staff                   | 06                     | -                   | 06         |
|                  | Lab 1                                                  | 26                     | -                   | 26         |
|                  | Lab 2                                                  | 25                     | -                   | 25         |
|                  | Lab3                                                   | 23                     | -                   | 23         |
| 2.               | Geography<br>Staff                                     | 2                      | -                   | 2          |
|                  | Photogrammetric Lab                                    | 10                     | -                   | 10         |
|                  | GIS Lab                                                | 19                     | -                   | 19         |
|                  | Remote Sensing Lab                                     | 10                     | -                   | 10         |
| 3.               | Physics                                                | 03                     | -                   | 03         |
| 4.               | Chemistry                                              | 02                     | -                   | 02         |
| 5.               | Botany                                                 | 02                     | -                   | 02         |
| 6.               | Biotechnology                                          | -                      | -                   | -          |
| 7.               | Zoology                                                | -                      | -                   | -          |
| 8.               | Geology                                                | 01                     | -                   | 01         |
| 9.               | Mathematics                                            | -                      | -                   | -          |
| 10.              | History                                                | -                      | -                   | -          |
| 11.              | Economics                                              | -                      | -                   | -          |
| 12.              | Philosophy                                             | -                      | -                   | -          |

|                            |                   |            |           |            |
|----------------------------|-------------------|------------|-----------|------------|
| 13.                        | Plants Psychology | 01-        | -         | 01-        |
| 14.                        | Sociology         | -          | -         | -          |
| 15.                        | English           | 01         | -         | 01         |
| 16.                        | Hindi             | 04         | -         | 04         |
| 17.                        | Marathi           | -          | -         | -          |
| 18.                        | Konkani           | -          | -         | -          |
| 19.                        | French            | -          | -         | -          |
| 20.                        | Portuguese        | -          | -         | -          |
| 21.                        | Sports            | 01         | -         | 01         |
| <b>TOTAL (B)</b>           |                   | <b>135</b> | <b>-</b>  | <b>135</b> |
| <b>C.</b>                  | <b>OTHERS</b>     |            |           |            |
| 1.                         | CO - OP           | 02         | -         | 02         |
| 2.                         | Camera Computers  | 05         | -         | 05         |
| 3.                         | Zerox             | 02         | -         | 02         |
| 4.                         | Tiger Studio      | 05         | 10        | 15         |
| 5.                         | Tiger School      | 3          | -         | 3          |
| 6.                         | Tiger sports      | 5          | -         | 5          |
| 7.                         | laptops           | 8          | -         | 8          |
| <b>TOTAL (C)</b>           |                   | <b>30</b>  | <b>10</b> | <b>40</b>  |
| <b>GRAND TOTAL (A+B+C)</b> |                   | <b>382</b> | <b>10</b> | <b>392</b> |