

Internal Quality Assurance Cell (IQAC)

Report 2015-16



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

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

Best affiliated College – Goa University Silver Jubilee Year Award

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Part – A

1. Details of the Institution

1.1 Name of the Institution

Parvatibai Chowgule College of Arts and Science
(Autonomous)

1.2 Address Line 1

Gogol

Address Line 2

Post - Fatorda

City/Town

Margao

State

Goa

Pin Code

403 602

Institution e-mail address

principal@chowgules.ac.in

Contact Nos.

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Name of the Head of the Institution:

Dr. Nandkumar N. Sawant

Tel. No. with STD Code:

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09850456575

Name of the IQAC Co-ordinator:

Shri H.S.S.Nadkarni

Mobile:

9923686557

IQAC e-mail address:

hsn001@chowgules.ac.in

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

1.4 Website address:

www.chowgules.ac.in

Web-link of the AQAR:

www.chowgules.ac.in/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 st Cycle	4 star level		October 1999	5 years
2	2 nd Cycle	A	3.29	March 2009	5 years
3	3 rd Cycle	A	3.41	2013-14	5 years
4	4 th Cycle				

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

31/05/2004

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

2015-16

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*)

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

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

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (Specify)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers	11
2.2 No. of Administrative/Technical staff	3
2.3 No. of students	2
2.4 No. of Management representatives	1
2.5 No. of Alumni	1
2. 6 No. of any other stakeholder and community representatives	1
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	-
2.9 Total No. of members	20
2.10 No. of IQAC meetings held	12

2.11 No. of meetings with various stakeholders:	No.	133	Faculty	105
	Non-Teaching Staff	2	Students	12
		Alumni	1	Others

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

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos.	40	International	1	National	2	State	13	Institution Level	24
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(ii) Themes

Annexure IX

2.14 Significant Activities and contributions made by IQAC

IQAC on yearly basis conducts an Induction / Orientation programme (for the First year B.A., B.Sc. students and the new recruited faculties); Also an Orientation towards project is conducted for the third year students. Following activities were organised by the IQAC:

1. Two *Interactive sessions* on **"Research Methodologies and its Implications"** for Postgraduate students and faculties of Social Science were conducted by the resource person Dr. Anurag Priyadarshee, Chief Operating officer International Development Enterprises (India).



*Interactive sessions on
"Research Methodologies and its Implications"*

2. A *talk* on **'Caste, Higher Education and Future of Indian Democracy'** by Prof. Satish Deshpande (Delhi University).
3. A *workshop* was conducted on **"Heal-ty Conflicts"** by Mr. Pravin Sabnis, a leading Corporate Coach for all the HODs, as well as for the non teaching staff.
4. An *Interdisciplinary Seminar* was conducted on **"Agriculture"** for the Undergraduate & Postgraduate students of Social Sciences.
5. Two *workshops* on **'Vision Building'** and **"Reviewing the role and Responsibility of Internal Quality Assurance Cell"** for the college faculties. Resource person was Dr. V. R. Shirgurkar.

6. A Seminar on **'Strategies for change in the new teaching – learning environment'** for the faculties of our college and a few neighbouring colleges in Goa. The resource persons Dr. (Fr.) Roy Pereira, S.J., Director



*Seminar on
'Strategies for Change in the New Teaching – Learning Environment'*

Neuroscience research laboratory, Department of Chemistry and neuroscience, St. Xavier's College, Mumbai and Prof. Marazban Kotwal from the same college enlightened on 'Edu'care'tion' – All round development of teacher and student and 'Flip education and Process Oriented Guided Inquiry Learning' (POGIL) respectively.

7. An activity known as **“Positive Chowgules”** was organized for all the departments to share two of their best practises. For more details (*refer point no. 7.1(ix)*)
8. Encouraged and motivated faculties to organise and attend subject related seminars, conferences, workshops and trainings (*Annexure IX, X and XI*)



Faculty of French department sharing Best practices at ‘Positive Chowgules’

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
1. Implementing Autonomy	First year of implementation.
2. Plan to adopt Choice Based Credit System	Implemented for first year
3. To enhance employability skills through courses, workshops etc.	Total 27 courses in undergraduate and Post graduate are being offered whereas in honours 32 courses are being offered. Total 31 workshops have been organised by the college.
4. Branding of College	Through MOUs, collaborations, seminars, workshops and press releases.
5. Promotion of research	An increase in the No. of faculties acquiring Ph.d and Ph.d registrations including increase in publications.

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

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

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	2		2	
PG	3	2	5	
UG	2			
PG Diploma	3		3	
Advanced Diploma				
Diploma				
Certificate	7	1	8	
Others				
Total	17	3	18	

Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	7
Trimester	
Annual	

1.3 Feedback from stakeholders* (On all aspects)

Alumni ☐ Parents ☐ Employers ☒ Students ☒

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

The IQAC has set up a mechanism to generate an online feedback from students on courses conducted in the college. Besides, parents and other stake-holders are encouraged to provide such a feedback.

Also, (*see Annexure VXIII*) has been obtained from the stakeholders in the industry where some of our college students have been placed for job and for internship programme.

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

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

- 1.5 Any new Department/Centre introduced during the year. If yes, give details.
- M.A in Hindi and M.A. in Economics started on 1st July 2015
 - Certificate Course in Journalism (Marathi) started on 14th February 2016

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	45	14	29	-	1

2.2 No. of permanent faculty with Ph.D. 20

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	2	-	-	-	-	-	24	-	26	-

2.4 No. of Guest and Visiting faculty and Temporary faculty 08 16 14

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	21	39
Presented papers	11	22	1
Resource Persons	1	4	11

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

As a part of teaching learning process the department of English introduced an audio / video recording of some of their lectures with an innovative idea of using the same to assess the students; also use of film screening was done to develop the skill of critical writing in the students.

Field visits were organised by departments of Geology, Geography and History to provide an opportunity for the students to relate classroom learning to field observation. Most of the other departments made use of ICT, Group discussions etc to promote the teaching learning process. The college also, provided a platform for all the departments to present and share the innovative practices used by them in the process of teaching learning.

2.7 Total No. of actual teaching days during this academic year 180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination,

Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

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

Assessment for every unit / module of a course is done covering the "Continuous Assessment" component using open book tests, multiple choice questions; report on field visit observations etc.

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

Internship trainings are maintained and recorded in the respective departments.

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

The institution being autonomous all the regular faculty are members of their respective Board of Studies in accordance with Goa University ordinances. Total six faculties were also members of the BoS in their respective subjects (i.e. from Zoology, Chemistry, French, Mathematics, Psychology and Geology) at the Goa University.

2.10 Average percentage of attendance of students

>75%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Bachelor of Science	133	44%	38%	8%	-	2%
Bachelor of Arts	137	27%	43%	18%	-	8%
Post Graduate Courses (Degree / Diploma)	97	14%	43%	29%	-	2%

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

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

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

The Academic Audit encompasses the implementation of the teaching-learning-evaluation processes and the contribution towards achieving the vision and mission of the College. It also

aims to incorporate teacher-students comments/suggestions, if any with focus towards improvement and enhancement of quality of teaching-learning a subject.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	5
UGC – Faculty Improvement Programme	-
HRD programmes	7
Orientation programmes	1
Faculty exchange programme	7
Staff training conducted by the university	1
Staff training conducted by other institutions	5
Summer / Winter schools, Workshops, etc.	36
Others	232

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	67	-	-	12
Technical Staff	18	-	-	4

Criterion – III

3. Research, Consultancy and Extension

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

The IQAC on behalf of the college conducted an orientation for the final year students on research methodology to guide them on writing project reports, avoiding Plagiarism, use of referencing styles etc.

Apart from formulating a policy on research proposals and research writing, the college encourages the faculty to submit research proposals and also, promotes research by providing necessary facilities in terms of infrastructure and relaxation in regular workload. Besides, Linkages having been initiated with institutions and companies, MOU's have been signed to facilitate the faculty to take up research related activities. Nearly 40 research papers were presented by the faculty at different forums; so also 38 papers authorised by the faculty have been published in various National and International journals.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	2	-	8
Outlay in Rs. Lakhs	28.32	18.1	-	19.43

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	1	-	-
Outlay in Rs. Lakhs	-	45k	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	24	8	--
Non-Peer Review Journals	--	--	1
e-Journals	21	--	8
Conference proceedings	--	1	2

3.5 Details on Impact factor of publications:

Range 6.6 Average 3.3 h-index 6 Nos. in SCOPUS 12

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2014-17	SERB	13,10,000/-	10,00,000/-
	2015-18	UGC	13,85,000/-	5,00,000/-
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (<i>other than compulsory by the University</i>)				
Any other(Specify)	2016-18	UGC DAE CRS Mesoscopic	45,000/-	45,000/-
Total				

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences,

seminars and workshops organized by the Institution

Level	International	National	State	University	College
Number	1	2	13	--	24
Sponsoring agencies	ICSSR, University of Kelaniya, Srilanka; University Grant Commission (UGC), IISR (Delhi)				

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University/College
Total

3.16 No. of patents received this year

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

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
1	-	-	-	-	-	1

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

6

7

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

4

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

JRF 2 SRF - Project Fellows - Any other -

3.21 No. of students Participated in NSS events:

University level - State level 155
National level 07 International level

3.22 No. of students participated in NCC events:

University level - State level 07
National level 02 International level -

3.23 No. of Awards won in NSS:

University level - State level 01
National level - International level -

3.24 No. of Awards won in NCC:

University level	-	State level	-
National level	01	International level	-

3.25 No. of Extension activities organized

University forum	-	College forum	02		
NCC	02	NSS	23	Any other	19

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

The N.S.S. unit of the college participated in a large way in several extension programmes. Various material was collected as a relief for Chennai flood victims. Besides, N.S.S. unit taking part in AIDS awareness programmes the volunteers were engaged in different “cleaning drives” within and outside the college. Among many other activities the volunteers were involved in blood donation and assisted Old Age Homes. An awareness programme for students on road safety was initiated. The volunteers were also involved in highlighting the importance of education among slum dwellers.

SPECIAL TALKS AND OTHER ACTIVITIES BY COLLEGE:

As a part of initiation taken up by the IQAC, several departments organised talks and invited guest speakers to speak on the topics such as –

1. Thoughts and mock of Lokmanya Tilak
2. Scope and realities of advertising world
3. Suicide prevention and depression
4. Caste, higher education and future of Indian democracy
5. Representation of gender and sexuality in literature
6. Geology of Goa: insights and challenges
7. Relationship management etc.

Other programmes conducted by the college include interactive sessions on “research methodologies and implications” for post graduate students; on “Emerging teaching and learning methodology” for faculty. The college also celebrated the annual founder’s day on 25th August with Arjuna Award winner Shri Viren Rasquinha as the Chief Guest.



Collection of materials for Chennai relief flood by college students



Volunteers for Collection of materials for Chennai relief flood



Inter State Youth Exchange & Home Stay Programme



Self defense training for Girl Students



N.S.S. Blood Donation Camp



Faculties and Staff at 'International Yoga Day'



Shri Viren Rasquinha at the Founder's Day



Students participating in 'TATHASTU'



Shri Viren Rasquinha at the Founder's day



Dr. Anurag Priyadarshee at an interactive session on "Research Methodologies and its Implications"



Mr. Salil Kare at the Debate on 'Make in India – Myth or Reality'



Winners on the Science day



Winners on the Languages and Literature day

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	53190 sq. mtrs	-	CES	53190
Class rooms	42	-	CES	42
Laboratories	13	-	CES	13
Seminar Halls	2	-	CES	2
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	3	-	Non salary grant & self finance courses	-
Value of the equipment purchased during the year (Rs. in Lakhs)	1,77,31,131/-	12,82,377/-	Non salary grant, fees & self finance courses	1,90,13,508/-
Others	50,11,164/-	--	--	50,11,164/-

4.2 Computerization of administration and library

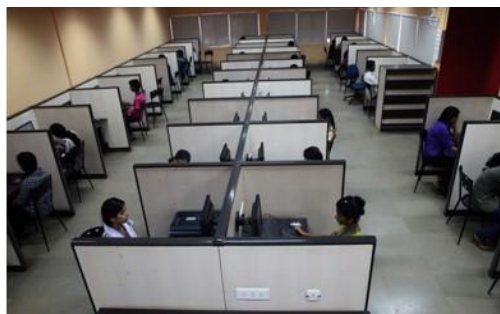
The entire campus of the college is being equipped with Wi-Fi connectivity. The administrative procedures are carried out under a fully computerised setup. The admission process is done online. Furthermore, the results are made available to the students on the college website.

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

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



College Library



Students in the Computer Lab

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	18334	6,83,188.1	912	4,22,772.43	19,246	11,25,206.55
Reference Books		2				
e-Books	45000				45000	
Journals	97	2,18,045	68	1,03,399	165	3,21,444
e-Journals	5	15000	--	--	5	15000
Digital Database	--	Open Sources Data Base from National & International	--	--	--	--
CD & Video	545	1,00,000	--	--	545	1,00,000
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	368	9	34 Mbps	Lab1	Lab 2	130	124	35
Added	3	-	10 Mbps	-	-	-	3	-
Total	370	9	44 Mbps	40	30	130	127	35

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

College Mobile App for (Android users) students and faculty is launched. Additional software modules are added for SYBA/BSc & PG admissions.

Orientation and induction programs are conducted for the First year students and Post graduate students wherein they are introduced to the facilities and technologies made available to the students i.e. library and Office of Information Technology. Similarly newly appointed faculties of the college are also being introduced during their induction program and oriented on using CLAAP and P-resources.

4.6 Amount spent on maintenance in lakhs:

i) ICT	INR 14.56
ii) Campus Infrastructure and facilities	INR 2.65
iii) Equipments	INR 0.44
iv) Others	INR 0.23
Total:	INR 17.88

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

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

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

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

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

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

5.2 Efforts made by the institution for tracking the progression

Grade tracking and target setting for students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
992	176	6	-

(b) No. of students outside the state

65

(c) No. of international students

5

No	%
323	28%

Men

Women

No	%
861	73%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
816	7	29	76	3	928	974	12	42	100	2	1174

Demand ratio 82%

Dropout % 10%

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

-

No. of students beneficiaries

-

5.5 No. of students qualified in these examinations – N.A.

NET		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 organised various activities like personal grooming and personality enhancement course, intercollegiate events like Mind Kraft, career camps, various workshops on 'Developing Effective Study Skill', 'Career Guidance', 'Interview Skills', and "Effective Study Skills, Habits". The cell also hosts Campus interviews

No. of students benefitted

274

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
5	70	5	3

5.8 Details of gender sensitization programmes

The Department of English (under the 'Talking Tree Lecture Series') organized a *talk* on **"Representation of Gender and Sexuality in Literature"** by Dr. R. Raj Rao, eminent writer, Professor and Head of Department of English, Savitribai Phule Pune University on 6th February, 2016.

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

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports: State/ University level National level International level

Cultural: State/ University level National level International level



Parshuram Chavan
State Archery Championship



Sandeep Jadhav, FYBA 1st Place Goa Inter
Collegiate Body Building Championship

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial Support from institution	4	6000.00
Financial Support from government	33	415116.00
Financial Support from other sources	7	6030.00
Number of students who received International/ National recognitions	NIL	00.00

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

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

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 has a Management Information System

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

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

6.3.1 Curriculum Development

- The college has adopted 'Choice Based Credit System (CBCS)' under the Autonomous structure. All departments have the freedom to upgrade the course in their respective subjects. In this respect the college promotes interaction with industries and Research Institutes to enable faculty in including new and relevant topics in their curriculum.

6.3.2 Teaching and Learning

- New Methodologies: PBL, Experiential learning, Positive Chowgules.
- Standardised format for assignment writing
- Web based learning
- ***For more details refer point no. 2.6***

6.3.3 Examination and Evaluation

To maintain confidentiality, the college has adopted the policy of centralised paper setting and subsequent assessment of answer books. Rechecking of assessed answer papers is done to ensure zero error before the declaration of results.

6.3.4 Research and Development

- Adjustment of time table
- Department-wise focus on research paper publication.
- Organisation of research data.
- Faculties are motivated to take up research and to undertake projects. Requisite provisions are made in the regular schedule for these teachers by making adjustments in their time –table and / or by providing teaching assistants etc.
- Centralisation of research data

The college has been encouraging and promoting research amongst the faculty by allowing them to attend, organize and present research papers in seminars, conferences, workshops etc. This academic year, 56 faculty members attended seminars/conferences/workshops (*Annexure X*) of which 39 faculties have presented their research papers (*Annexure VIII*) and 53 faculties have been resource persons for such seminars/ conferences (*Annexure XII*). Several departments organised 42 seminars/conferences/workshops (*Annexure IX*). Total paper publications were 32 (*Annexure VI*). Eleven books were published with ISBN no (*Annexure VII*).

Apart from faculties even students are motivated and encouraged to present papers in international, national and state level seminars, conferences /workshops. Further as a part of developmental process the departments of Hindi and Geography got recognition from the Goa University as Research Centres. A well equipped analytical laboratory has been commissioned at the Department of Chemistry.

The college has initiated and signed Memorandum of Understanding (MOU) with reputed colleges and universities, international and national. To view the MOUs *please refer point no. 7.1. (ii).*

6.3.5 Library, ICT and physical infrastructure / instrumentation

The College library has teleconferencing and INFLIBNET facility providing access to 3200 research journals and encouraging the users to use e-resources; besides books, the library is now digitized for online accession and reservation of reference material. The library subscribes to research journals and magazines published by various agencies. The Library also has a collection of educational video resources as well as movie DVDs. These are specially used by the language departments to enhance the learning process of students and to make their use in discussions and debating. Library arranges hand delivery of reference material and books to physically handicapped students. The College has a huge campus area of 53190 square metres with vast infrastructure which includes 42 classrooms, 12 laboratories, two seminar halls, research centres, a sports area for indoor as well as outdoor sports, four conference rooms and two main faculty staff rooms along with separate staff rooms allotted to the science departments. Furthermore, at the Tiger studio there are extra-curricular activities for students like photography, sketching, dancing, singing etc. Movie shooting & recording arrangements are also available at the Studio. The Tiger Co-op offers basic necessity items for students like stationery and snacks. There is a huge parking space provided for students and faculty, outside the College.



Library



College building

6.3.6 Human Resource Management

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

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

- b. Best Teacher - Award for Excellence in Student Related Activities
 - c. Best Teacher - Award for Public Relations
- 6.3.7 Faculty and Staff recruitment

As governed by the Goa University guidelines, the College follows necessary procedures in the recruitment of staff and faculty with selection being done solely on merits. (*Refer 6.3.6*)

6.3.8 Industry Interaction / Collaboration

One of the most important steps taken by our College under the Autonomous Curriculum is to make Internship, a compulsory module in the credit system. Each student is required to take up an internship of minimum 120 hours either with an organisation, or work within the college premises on well defined internship roles under the guidance of a teacher.

College had the first ever Goa Internship Fair, in the month of February 2016 for our students. 10 exciting start-ups from Goa participated in the event and provided opportunities to students from various disciplines to join them as interns in summer holidays. The various internships profiles that were advertised were in areas of social media marketing, content writing, science video creation, graphic designing, web designing, editing, programming, sales and marketing, event management and coordination etc. 75 enthusiastic students participated in the event.

The college also collaborated with an IT called 'StartupGoa' and held the Goa Internship fair in the month of August 2016. This time around 250 students across 10 colleges including our college attended the event and interacted with the Founders and CEOs of ten exciting start-ups in Goa.

The internships are offered by various Corporates, Government Organisations and NGOs in Goa, to the students of Chowgule College in areas such as health care, report writing, diagnostics, quality assurance and quality control, lab work, workshop handling, teaching, surveying etc.

The College took a step of starting a Knowledge Sharing Session in the month of November 2016 on basics of Digital Marketing by collaborating with an enterprising student from Computer Science background who has been working as an intern with '2 web designing and Social media' Start-ups.

A student group called Chowgule FOSS Club from Computer Science Department, which stands for 'Free and Open Source Software' Club is associated with organisations and have taken three IT projects based on programming and web designing, since its inauguration in September 2015. This provides the students valuable real life hands on experience with clients.

Under **Academic-Industry Interaction Program(AIIP)**, an MOU was signed by the Department of Computer Science with M/S Infiswift Inc, California, USA (Software Company) for enabling industrial training, certification, curriculum development and placements for our computer science students.

Various other activities conducted under collaboration with industries and other organisations are mentioned at *point no. 7.1 (iii)*.

6.3.9 Admission of Students

As a policy the admission of students is done through online application and merit is considered as a prerequisite for admission to various courses. Needy students are given due considerations.

6.4 Welfare schemes for

Teaching	-
Non teaching	-
Students	- CAUSE (Corpus Altruus: Ushering and Supporting Education) - Students Aid Fund - Principals Contingency fund - Scholarships

6.5 Total corpus fund generated

Rs. 5, 78,400/-

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

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	✓	✓	Yes	
Administrative	✓	✓	Yes	

6.8 Does the University/ Autonomous College declare 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?

To ensure quality education and learning, the college believes in assessing the students on a regular basis. The performance of the students is accordingly judged under different modes as the stress is laid on knowledge gained rather than comprehensive learning. (*Refer 2.8*)

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

N.A.

6.11 Activities and support from the Alumni Association

- The Department of Biotechnology organized its second *Alumni Meet* on 5th September, 2015. The meet had alumni participants from three different batches of Biotechnology who shared their experiences and provided some insight into prospective careers for the current batch of students.

6.12 Activities and support from the Parent – Teacher Association

-

6.13 Development programmes for support staff

1. A two days *workshop* on “**Email Etiquettes**” and “**Writing of Emails**” was organized by the Writing Centre (Student Support Services) on 21st and 23rd July, 2015.
2. A Stress Relief - 15 Minute “**Meditation Sessions**” on a daily basis for around two months has been initiated in the College.
3. A *Session* on “**Savings and Investments**” was organized on 25th February, 2016 which covered wide range of topics on products and services which includes equities derivatives, currency futures, DP accounts, life insurance, general insurance etc. The Session was conducted by Geojit BNP, Paribas Financial Services Ltd.

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

- Dustbins have been placed all over the campus.
- E-waste management being opted.
- Chemistry Department re-uses its chemicals by avoiding wastage. (For more information refer 7.4)

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.

i. Smooth implementation of Academics under the status of Autonomous college:

There was a weeklong orientation programme for students to understand choice based credit system and the course structure of the undergraduate degree programme. The implementation of academic autonomy was addressed well through various effective teaching-learning methods. The college for the first time adopted centralised assessment programme for assessment at Semester-End Examination. An important feature was the conduct of Academic Audit to ensure quality education and assessment of the courses offered by the college.

- ii. **Memorandum of Understanding (MoU)** – The College has been in a process of having tie ups with various universities, colleges and industries or organisations that will enable us to grow to higher levels in our pursuit for excellence. The MoU's are listed under:

S.N	MOU With	Department / The College	Remarks
1.	Gogate Jogalekar College, Ratnagiri, Maharastra	Departments of Zoology, Geography and Physics, Chowgule College	A basic course in Microprocessors was organized for the F.Y. Physics students of our college on 25 th to 27 th April 2016 at Gogate Jogalekar College
2.	University of Sri Jayewardenepura, Sri Lanka	Department of Geography and Research Centre, Chowgule College	 <p><i>MOU with University of Srilanka Jayewardenepur</i></p> <ul style="list-style-type: none"> MOU was signed on 16th October 2015. The objectives of the MOU are: Promotion of joint research, Sharing of Information, Resources and Infrastructure, Exchange of faculty members, researchers and students for study and research, organization of joint activities in Research and Teaching-Learning, Student Internship.
3.	M/S Infiswift Inc, California, USA (software company)	Department of Computer Science, Chowgule College	<u>Academic - Industry Interaction Program(AIIP)</u> - Enable industrial training, certification, curriculum development and placements
4.	Government College of Arts, Science & Commerce, Quepem	Chowgule College	Signed on 16th January 2016
5.	Waseda University, Japan	Chowgule College	Signed on 29th April 2016,for 5 years
6.	M.E.S. College of Arts and Science, Zuarinagar	Chowgule College	Signed on 26th March, 2016
7.	Bromma Gymnasium, Stockholm, Sweden	Chowgule College	 <p><i>Vice Principal Signing MOU with Bromma Gymnasium, Sweden</i></p>

			Signed on 03rd May 2016,(for 5 years and auto-renewal clause)
8.	Tullinge Gymnasium, Stockholm,Sweden	Chowgule College	Signed on 03rd May 2016,(for 5 years and auto-renewal clause)

iii. **Collaborations** – Some of the collaborative activities conducted in the college are as follows:

SN	Collaborations With	Department/The College	Remarks
1.	Indian Institute of Science and Religion (IISR) Goa	The College	<i>Interdisciplinary Conference</i> on “Science, Ethics and Society” on 9th March, 2016
2.	Science and Relation Sangam (SRS)		
3.	Rotaract Club, Margao	Students Support Services (Career and Counseling)	<i>Seminar</i> on “Career Guidance on Higher Education” for all Third Year students on 20 th January, 2016.
4.	Goa Konkani Academy	Department of Konkani	<i>Workshop</i> on “Short Story Writing” (Katha Lekhan: Tantra Ani Mantra), for students and teachers from various Goan colleges and Higher Secondary’s on 28th November, 2015 <i>State Level Seminar</i> on the “Literature of Damodar Mauzo” for the college students in Goa held at the College on 10 th February, 2016
5.	IIS University (International College for Girls, Autonomous), Jaipur, Rajasthan	Department of Geography	<i>Workshop</i> on “Field Techniques and Village Survey” for IIS University, Jaipur, Rajasthan Students and two faculties from 23rd to 27th January, 2016.
6.	Bio Discovery Group India	Department of Biotechnology	<i>National Workshop</i> on “Drug Discovery Technology: Insights on protein ligand” for students, research scholars, and faculties from various institutes, scientists and other corporate representatives from India (total 80 participants) on 15 th & 16 th January, 2016.
7.	Tiatr Academy, Goa	Department of English	<i>Workshop</i> on ‘Tiatr’ on 6 th August, 2015
8.	Goa University	The College	A <i>talk</i> on ‘Caste, Higher Education and Future of Indian Democracy’ by Prof. Satish Deshpande (Delhi University) on the 16th of February, 2016.
9.	SCERT, Directorate of Education, Government of Goa and Vidnyan Parishad-Goa	The College	<i>Workshop</i> on “ICT based learning” for Higher Secondary Science teachers on 4th and 5th December, 2015.
10.	Parishkar College of Global Excellence, Jaipur, Rajasthan	Department of Geography	Their Students and a faculty conducted collaborative field surveys along with our

			Geography students around the campus and selected villages of Goa from 23rd to 26th January, 2016.
11.	'Startup Goa'	The College	A 'Goa Internship fair' was organised and attended by our college and other college students during the month of August 2016.

iv. **Exchange Programmes –**

International Exchange Programmes undertaken by the college are as follows:

- Academic Exchange Programme.
- Faculty Exchange Programme.
- Student Exchange Programme.



Sweden Exchange Programme

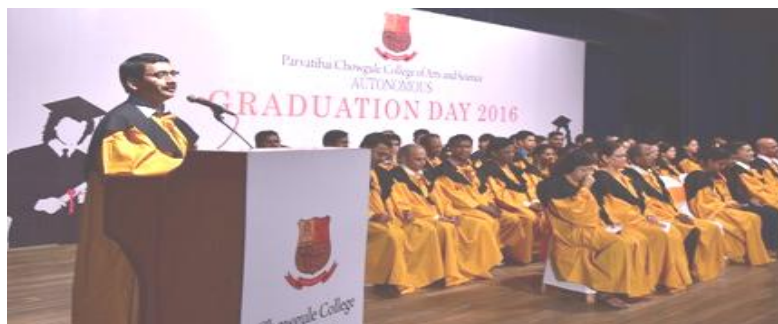
Following are the **Exchange Programmes** that were conducted by the college:

SN	Exchange programme With	Remarks
1.	Tullinge Gymnasium Stockholm, Sweden Bromma Gymnasium, Stockholm, Sweden	21 First Year B.A/B.Sc. students were selected for <u>Sweden Exchange Programme</u> . Two students– Jenifa Fernandes (F.Y.B.A.) and Mayuri Dessai (F.Y.B.Sc.) have been awarded the freeship under 'Two most deserving student's category'. <u>Faculty members</u> - Prof. Harish Nadkarni, Vice Principal; Dr. Nandini Vaz, Zoology Department; Dr. Sangeeta Sankhalkar, Botany Department; Prof. Rupali Tamuly, Economics Department and Shri A. D. Dange, Student Support Services.
2.	Waseda University, Japan	11 First Year B.A. /B.Sc. students were selected for the <u>Japan Exchange Programme</u> . <u>Faculty members</u> – Shri.A. D. Dange, Student Support Services; Mr. Vasant Hede, Marketing Officer
3.	University of Sri Jayewardenepura, Sri Lanka	- 47 delegates consisting of students and five faculty of University of Sri Jayewardenepura, Sri Lanka, visited the Department of Geography for the <u>Academic Exchange Programme</u> from 12 th to 19 th October, 2015. Ms. Seema Fernandes, Assistant Director, Ela farm, Old Goa, was the Chief Guest for the Inaugural Event. <u>Programme Coordinator</u> - Mrs. Anagha Bicholcar, Assistant Professor - Five students were selected as part of the <u>Academic Exchange Programme</u> to visit University of Sri Jayewardenepura, Sri Lanka from 19 th November, 2015 to 2 nd December, 2015. <u>Faculty member</u> – Mrs. Anagha Bicholcar, Assistant Professor

- v. **Internship** – Internship is an important aspect in our college under autonomous status. All the students are required to do internship with the companies/ organisations/ institutes/ industries informed or approached on their subject for atleast one month during the vacations. The college

has also taken initiative in approaching various industries/companies/organisations that can provide internship to our students. Some of the students that are doing or have already done internship this year are mentioned in the *Annexure XVIII*.

- vi. **Graduation Day:** Graduation Day was held on 14th May, 2016. The students were given certificates with respect to their completion of Graduation, Post-graduation and Honours degree programmes respectively.



Graduation Day 2016

- vii. **Old Age Home Visit:** On 21st February 2016, four NSS volunteers visited the old age home 'Our Home' at Bogmalo, Vasco Goa. During their visit they interacted with the inmates of the Home, assisted them in their daily chores and also performed an entertainment programme.
- viii. **IQAC initiated quality improvements in faculties and students by organising the following:** (Refer 2.14)
- ix. **Positive Chowgules:** A platform for all the departments to come together to present their most valued two best practices in a format of concept, process and outcome. The objective of this programme was to share all about the best practices followed or carried out by each department i.e. enhance and share them so that other departments could grasp and implement them in their teaching.

The following are some of the best practices adopted by the departments:

DEPARTMENT	TOPICS/METHODS ON BEST PRACTICES
1. Biotechnology	<p>1. Linking with the industries: The department is having linkages with most of the industries for internships in NIO, Tuplip Diagnostics Centre, NCAOR, Watson Pharma, Cipla & Cipla Biotech, McDowell's Unit, UB Group, Grace Cardiac & Appollo Victor Hospital.</p> <p>2. Extension Activities: Biotechnology exhibition and demonstration for Higher Secondary students.</p> <p>3. Extension to various departments to conduct analysis related to projects / assignments: Geology, Zoology & Chemistry.</p>
2. Botany	<p>Research: The department is very active in taking up research projects and research paper publications. It also has a specialized "Plant Physiology" research Lab.</p>
3. Chemistry	<p>1. Healthy Practices: Very systematic and well planned practicals are conducted</p> <p>2. Extension Services: Instrumentation and laboratory facilities are extended to other departments of the College.</p>

	3. Consultancy: Analysis of samples related to research for faculties or students from outside colleges are carried out in instrumentation laboratory.
4. Computer Science	<p>1. FOSS Lab. / FOSS Club: Initiated by the faculty and students of Computer Science Department. FOSS Club provides consultancy and training programs for the students & faculty of the college. Also develop software for Bajaj Insurance Management System as a part of consultancy.</p> <p>2. Some achievements:</p> <ul style="list-style-type: none"> - Demo on Libre Office to the College Administrative staff; provided technical support to college students event Tathastu 2016; training department students on recent technologies; providing internship under non academic credit for FYBSc (Computer Science) students; developed various softwares like Android Calendar application, websites etc; video presentation for Manovikas School for their cultural programme i.e. "Manovikas since 1969". <p>3. Online Certification Courses under-</p> <p>I. ORACLE Academy online Certification course: "Database design & SQL Programming" – 14 M.Sc – Part I students and "Database Design" – Seven S.Y.B.Sc students successfully completed these courses respectively.</p> <p>II. Spoken tutorial, Mumbai IIT online certification course: "C Language" – 27 F.Y.B.Sc students; "Java Programming" – Eight S.Y.B.Sc Students, "Python Programming" – Five M.Sc. –Part II students and "LaTex" – Six Physics students successfully completed these courses respectively.</p>
5. Economics	<p>1. Project presentations to develop soft-skills, confidence and critical thinking abilities: Students do presentations on their project topic at four different levels. This practice builds up confidence and develops seriousness.</p> <p>2. MILLY (Most Important Lesson Learnt Yesterday) presentation to enhance a flipped classroom experience: This keeps student alert and attentive in the class and allows students to revise the portion covered on regular basis.</p>
6. English	Experiential Learning: Most of the activities are organized by the students of the department. Apart from these students are encouraged to write in newsletter to take up projects, prepare videos etc. In all this they are motivated to, explore new ideas and develop creativity.
7. French	Interactive learning: Students are encouraged to participate in subject related games to enhance their learning of the language.
8. Geography	<p>1. Branding: Created own departmental logo, a theme song composed by their students, blog on website, promo video, encourage students to participate in any departmental related activities and extension services.</p> <p>2. Consultancy: The Department of Geography has undertaken consultancy.</p>
9. Geology	<p>1. Club 'Nebulite': A concept from students to promote the subject end to keep abreast of new development.</p> <p>2. Field visits: Students are exposed to learning in the field where they are enlightened to relate classroom learning and field observations.</p>
10. Hindi	<p>1. Research Centre: Establishment of a Research Centre</p> <p>2. M.A. in Hindi: Initiation of Post Graduate degree in Hindi. The department offers the only post graduate course (i.e. M.A. in Hindi) taught in entire Goa.</p>
11. History	1. History Forum & Elections: Students are groomed towards participating in the process of elections by holding mock exercises. This helps them in realizing

	<p>their duties and understanding their civic responsibilities.</p> <p>2. Remedial Teaching: Personal attention is given to the weaker students wherein they are tutored separately in order to understand the subject.</p> <p>3. Preliminary examinations organized for T.Y. students: Helps students understand the pattern of examination and train them for final examinations.</p>
12. Konkani	<p>1. Language corpus from other languages: Different words from other languages to be translated in Konkani for better understanding of the language.</p> <p>2. Creative writing: Develop students to write creatively.</p> <p>3. Write street plays of social issues: Students are motivated to write plays of social relevance and bring them before the public.</p> <p>4. Historical & socio-cultural information on temples, churches, masjid and maths. Enlightening on ancient facts and real stories i.e religious historical aspects and socio cultural information to students.</p> <p>5. Professional Vocabulary: translating professional words in this language.</p>
13. Marathi	<p>1. Goan Marathi Literature, Study & Research Center: This is a great initiative taken to study Goan Marathi Literature. Books have been published in this regard.</p> <p>2. Employment Based Course: has been started in 'Journalism'. It is a certificate course conducted on Sundays.</p>
14. Mathematics	<p>Problem Solving wherein each student is motivated to solve all the problems quoted in a book purchased by him/her.</p> <p>18 Students volunteered to learn 'cryptography' and 'codings', lectures were organized for the same.</p>
15. Physics	<p>1. Upgrading lab through students' innovative projects: Designed and constructed Lock-in-Amplifier which is an innovative technique to harness the weak signals; carries important information in presence of surrounding noise. The circuits constructed during the project work are sponsored by the department and are to be used for regular physics practicals.</p> <p>2. Imparting skills beyond Curriculum: All the first year Physics students took the Spoken tutorial, Mumbai IIT online certification course on LaTeX and also used it to write their physics course assignments. Ten students from first year physics successfully completed a basic in Microprocessors during April 25-27, 2016 at Gogate Jogalekar College, as part of the MoU activities.</p>
16. Portuguese	<p>1. Workshops for local teachers: a way of dealing with language barriers and to familiarize teachers with digital resources for education.</p> <p>2. Promotion of the Portuguese Language and Culture through the CPLC: Movie club.</p>
17. Psychology	<p>1. Need Based Programs: The department conducted various workshops and short term certificate courses on anxiety, relationship management etc.</p> <p>2. Group learning: Develops to build team working amongst the students.</p>
18. Sociology	<p>Experiential Learning: The idea was initiated by this department which was shared by others. Learning while experiencing helps students understand and grasp the subject more strongly.</p>
19. Zoology	<p>1. Problem Based Learning: The department has adopted PBL as one of the means of teaching-learning.</p> <p>2. Chowgules Birders club: This club has been established with a view to inculcate love for nature, especially the variety of fauna in Goa.</p>

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

- First year of implementation of autonomy.
- Total 27 courses in undergraduate and Post graduation, are being offered whereas in Honours, 32 courses are being offered. Total 31 workshops have been organised by the College.
- MoU's, collaborations, seminars, press releases workshops.
- There is an increase in the No. Of faculties acquiring the degree of phd and phd registrations including increase in publications.

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

I. Best Practice

Title of the Practice: **Departmental Activities**

1. Goal: a) To provide additional subject knowledge beyond the curriculum, b) To expose students and faculty members to experts from their field of interest. c) Promoting departments to carry out various activities to bring on all round development of a student and d) To build up leadership qualities in students.
2. The Context: Subject related activities motivate students and build up their interest in the subject. Getting an opportunity to know and interact with socially and academically acclaimed individuals, helps students to look up to them as their role models and also the career options pertaining to their subjects as well as interests. By organizing these activities, the students develop various skills that help them in their career. The department gets to showcase their talents to attract students from various higher secondary schools, which in turn enhance the enrolments.
3. The Practice: several departments conducted activities as under:
 - i. **Department of Biotechnology** - Annual Exhibition Cum Event "SYNAPSE",
 - ii. **Department of Botany** - Intercollegiate event 'PLANTICA'.
 - iii. **Department of Chemistry** - Concept Test in Chemistry 2015, intercollegiate event – Kynesis.
 - iv. **Department of Computer Science** - Intercollegiate IT festival I-RIX 2015 (150 students participated)
 - v. **Department of English** - "Shakespeare Festival - The Bard by the Mandovi 2015", Guest lecture on the topic "Gender and Sexuality", Pegasus, Literati! 2016, Omega 2016.

- vi. **Department of Economics** - All Goa 'Know Your Economy' Test, Session on Project Presentation, Interactive Session on Newspaper Report writing.
- vii. **Faculty of Languages and Literature** - 'Twentieth All Goa Inter-Collegiate Poetry Recitation Competition – 'Kavya Sandhya 2016'
- viii. **Department of Geography** - Observed "World Population Day" the United Nations Theme, 2015 – 'Vulnerable Populations in Emergencies', Observed Hiroshima-Nagasaki Day, Intercollegiate event "Geographize".
- ix. **Department of Geology** - Intra - Departmental Geological Quiz, 'Nebulites', intercollegiate event – 'Nebula'.
- x. **Department of Hindi** - Tulsi aavam Premchand Jayanti, 'Hindi Saptah',
- xi. **Department of History** - *Panel Discussion* on 'Sensitization of HIV AIDS'.
- xii. **Department of Konkani** - Celebration of 140th Birth Anniversary of Shennoi Goembab, Observed the death anniversary of Dr. Madhavi Sardesai, well known Konkani Writer and Critic, Vachan Mandir program on "Rain", 'Srujanotsav-2015', Meet the author.
- xiii. **Department of Marathi** - Poetry Recitation on "Katha Kavithella Bhethli" of the Marathi poets Dr. Sanjivani Tadegaonkar and Shri Jayram Khedekar from Jalana, Maharashtra, 'Shravandhara'- poetry recitation, Lokmanya Tilak Punaytithi, 'Marathi Bhasha Divas'.
- xiv. **Department of Portuguese** - "Portuguese Day", Photo Exhibition on 'Portugal'.
- xv. **Department of Philosophy** - Essay writing competition on 'Life and Contribution of Dr. Radhakrishnan', Debate on 'Should Prostitution be legalized?' and 'Do Indian daily soaps affect viewers negatively?', World Philosophy Day, Inter Religion Dialog,
- xvi. **Department of Physical Education & Sports** - 53rd Annual Athletic Meet.
- xvii. **Department of Psychology** - *Discussion Forum* on 'Empowering the Girl Child', 'Mind Kraft'.
- xviii. **Department of Physics** - Sky Observation Programmes
- xix. **Department of Sociology** - *Guest lecture* on 'Relevance of Sociology in our Life', *Panel Discussion* on "Language and Early Education in Goa: Burning issue of Medium of Instruction", Intercollegiate event – "SOCIOFIESTA", Paper Presentation Competition on 'Empowering Future Generation of Women and Girls: Empowering Humanity', Annual Sociofare Awards.
- xx. **Department of Zoology** - *Guest lecture* on "Fishery and Aquaculture potential in Goa", Intercollegiate event - 'SYMBIOSIS'.

4. Evidence of Success:

Large numbers of students participated in these activities which were aimed to help identify, and nurture the leader in them.



An act during 'Pegasus'



Mr. Ajay Boha at 'Srujanutsav'



Winners at 'Geographize'



Felicitating faculties during 'Tulsi aavam Premchand Jayanti'

II. Best Practice

Title of the Practice: **Clubs and Forums:**

1. Goal: a) To provide a platform to the students for their all round development through extracurricular and co curricular activities besides academics, b) To develop managerial skills, c) To inculcate team work d) To build up leadership qualities.



Members of the 'Chowgule Foss Club'

2. The Context: The Clubs are basically initiated / created and managed by the students, which provides them recreation through various diversifying activities such as sports, hobbies, performing arts, extension activities, entrepreneurship and subject related activities.
3. The Practice:

Extension / General / Departmental Clubs

- | | |
|---|---|
| 1. H-U-M-A-N (Humans: U & Me in Aid of the Needy) | 3. A.G.E.S (Association of Geography Ex Students) (Alumni Club) |
| 2. G.L.O.B.E (Geographers Loving Our Beautiful Environment) | 4. TED Lovers Club |
| | 5. Konkani Club |

6. Economics Forum
7. History Forum
8. Birders' club
9. The Chowgule Foss Club*

10. Nebulites Club*
11. Biotechnology Club*
12. SOPHIA Forum*

*New Clubs initiated in 2015-16

Skilled Based Clubs

- | | |
|---|----------------------------------|
| 1. Parvatibai Vachan Mandir –Readers Club | 6. Carpe Diem (Poetry) |
| 2. Click Club (Photography) | 7. Cine Club (Film Appreciation) |
| 3. Fusion Club (Music) | 8. Creative Club |
| 4. D-Dynamics Club (Dance) | 9. Indian Culture Club |
| 5. Club Mynd Space | |

Sports Clubs

- | | |
|--------------------------|-----------------------------|
| 1. Tiger Athletics Club | 12. Tigers Marathon Club |
| 2. Tiger Badminton Club | 13. Tiger Hockey Club |
| 3. Tiger Baseball Club | 14. Tiger Judo Club |
| 4. Tiger Basketball Club | 15. Tiger Martial Arts Club |
| 5. Tiger Boxing Club | 16. Tiger Mind Sports Club |
| 6. Tiger Chess Club | 17. Tiger Power Club |
| 7. Tiger Cricket Club | 18. Tiger Swimming Club |
| 8. Tiger Cycling Club | 19. Tiger Table Tennis Club |
| 9. Tiger Fitness Club | 20. Tiger Tennicoit Club |
| 10. Tiger Handball Club | 21. Tiger Tennis Club |
| 11. Tigers Staff Club | 22. Tiger Volleyball Club |

4. Evidence of Success: A large number of students participated in various activities under taken by the Clubs, as listed below:

- Outreach Programme: The Sociology Department's Club 'H.U.M.A.N.' has collaborated with the 'Healers Club' to be known as 'HUMAN HEALERS CLUB' since 15th July, 2015. Under Human Healers club their activities conducted were:
 - a) Visit to the 'Gujarathi Samaj', Aquem to celebrate friendship day with the special children / differently able children on Saturday, 1st August 2015.
 - b) Visit to the 'Old Age Home', near Hospicio Hospital, Margao to develop humanistic skills in students on 23rd August 2015.
- The Chowgule FOSS CLUB was inaugurated on 4th of September, 2015. Mr. Wendham Gray,

M.Sc [IT] Part I, gave a presentation on what the FOSS club stands for and the activities to be conducted.

- a) Chowgule FOSS Club conducted an awareness of Free and Open Source Software by a demo on Libre Office Suite to the Chowgule College administrative staff on 12th September, 2015. A short presentation and a live demo by the co-founders Mr. Castor Godhino and Mr. Wendham Gray of the club.
- b) A video “Manovikas since 1969” was prepared by Mr. Tushar Vasker, member of Chowgule FOSS Club for Manovikas School for their cultural programme held on 17th & 18th December 2015.
- Geography Club **“GLOBE** (Geographers’ Loving Our Beautiful Environment)”, organized a Monsoon Trek to Kuske Waterfalls at Cotigao Wildlife Sanctuary on 2nd August 2015. 50 Students accompanied by the Staff of the Department participated in this trek.
- A 5 km run – “Run for Liberation” was organized by the Tiger Marathon Club of Chowgule College (Autonomous) to celebrate Goa Liberation Day on 19th December 2015. Total 149 participants ran which included students, staff and alumni of the college as well as others.
- Chowgules Birder’s Club conducted following activities:
 - a) Birdwalk’ on 2nd December, 2015. The CBC members along with the Swedish Delegates and faculty, observed 31 species of birds in forest canopy and marshy wetlands.
 - b) “Campus bird count” on 12th and 13th Feb 2016. The CBC team led by its committee members, Mr. Stephen Dias and Miss Luz Faleiro participated in the annual event ‘Great Backyard Bird Count’. A total of 31 species of birds were identified in the campus.
- Club Nebulites conducted following activities:
 - a) Guest lecture was delivered on ‘Poles are not Poles apart’ by Dr. Thamban Meloth, Scientist and Programme Director at the National Centre for Antarctica and Ocean Research (NCAOR), Ministry of Earth Sciences on 11th September 2015.
 - b) An MCQ questionnaire based competitive examination in Geology, treasure hunt, and Interclass debate competition.
 - c) A *Talkon* “Career Guidance” by Shri Harish S S Nadkarni for the students of Geology and Geography on 3rd March 2016.
- Biotechnology club **“BIOCHROME”** conducted following activities for its members:

The competitions include chart and poster making, instrumentation (explanation of principle and working), scrambled words, working model making and essay writing.
- The Economics forum celebrated International Youth Day on the theme ‘HIV AIDS’ on 13th August 2015.
 - a) The forum organized two competitions i.e. a poster painting competition on 25th July 2015 and a T-shirt painting competition on 12th August 2015.

- b) A panel Discussion on “Sensitization of HIV AIDS” was held on 13th August 2015.
- The History Forum performed a street play titled ‘Arakshan’ on the occasion of Republic Day.

7.4 Contribution to environmental awareness / protection

- **Cloth bag making workshop(03.09.2015):**

To bring awareness regarding use of cloth/ paper bags in place of plastic bags, a “Cloth bag making workshop” was organized in association with BMT, Margao. The resource person for the session was Mrs. S. G. Desai. The students greatly benefited by this workshop.

- **Environmental Project: Making of cloth bags(01.10.2015):**

To sensitize campus regarding plastic free environment, NSS volunteers prepared 10 cloth bags under this project and presented those bags to the staff members for their regular use.

- **One Day State Level Seminar(27.11.2015):**

Four NSS volunteers participated in a One Day State Level Seminar entitled ‘**Plants to preserve life and man to preserve plants**’ organized by Goa State Biodiversity Board in collaboration with NSS unit of Goa College of Home Science, Panaji-Goa.

- **Vasundhara International Film Festival of India(09.12.2015):**

As a part of celebration of 9th Kirloskar Vasundhara International Film Festival of India, the NSS Unit organized a programme in association with Rotary Club of Margao. Two short films on environment were screened on this occasion to sensitize students on this issue. Ms. Ravina Pai made a presentation on **Garbage problems of Margao City** and NSS volunteers took part in activities like Wealth out of Waste.

- **Beach Cleaning (14.12.2015):**

27 volunteers took part in Beach Cleaning of Miramar beach organised by Goa Science Centre, Miramar-Goa.

- **Shramdhan (16.01.2016 and 20.01.2016):**

Campus cleaning drives were organized in the College Premises. The Volunteers carried out the cleaning of College parking lot.

7.5 Whether environmental audit was conducted?

Yes

☐

No

☒

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

Strengths –

- i. Increase in strength of students.
- ii. Internship – Academic Industry linkages
- iii. Increase in National and International collaborations
- iv. Diversified number of departments

- v. Only college having Exchange Programmes
- vi. Strong infrastructure and facilities

Weaknesses –

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

Opportunities –

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

Challenges –

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

8. Plans of institution for next year

- i. Evolving different methodologies in teaching learning and setting a centre for teaching learning.
- ii. Signing MOUs/agreements with various other academic and Non-academic organisations for Academic Exchange Programmes and internships, to enhance and promote research amongst faculty.
- iii. To increase opportunities for students in terms of gender and caste.

Name: Shri H.S.S. Nadkarni

Name: Dr. Nandkumar N. Sawant

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____*_*_*_____

ANNEXURE I**LIST OF IQAC COMPOSITIONS, 2015-16**

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

ANNEXURE II
ACADEMIC CALENDAR 2015 – 16

Academic Calendar for semester I, III and V

Semester begins	- 15 June 2015
First CA for semester I, III and V	-Respective departments make announcements of dates
Second CA for semester I,III and V	-Respective departments make announcements of dates
Ganesh Chaturthi Break	-16 September 2015 to 21 September 2015
Semester End Examinations	-12 October 2015
Semester ends	-31 October 2015
Winter Break	-02 November 2015 to 22 November 2015

Academic Calendar for semester II, IV and VI

Semester begins	-23 November 2015
First CA for semester II, IV and VI	-Respective departments make announcements of dates
Second CA for semester II, IV and VI	-Respective departments make announcements of dates
Christmas Break	-24 December 2015 to 01 January 2016
Semester End Examinations	-01 April 2016
Semester ends	i. 03 May 2016
Summer break	-04 May 2016 to 14 June 2016

ANNEXURE III
CURRICULAR ASPECTS, 2015-16

SN	PROGRAMME	EXISTING PROGRAMMES	ADDED PROGRAMMES	REMARKS
1.	Under Graduate	a. Bachelor of Arts b. Bachelor of Science		University Grants
2.	Ph.D.	a. Centre for Research in Hindi b. Centre for research in Geography		a. All are Self Financed except PGDCA.
3.	Post Graduate	a. Post Graduate Diploma in Computer Applications (PGDCA) b. Post Graduate Diploma in Geo-informatics (PGDGIS) c. Masters in Arts Geography d. Masters in Science Information Technology (M.Sc. IT) a. Masters in Science in Analytical Chemistry (M.Sc. AC) b. Post Graduate Diploma in Clinical Genetics & Medical Laboratory Techniques (PGDCGMLT)	a. Masters in Arts Economics b. Masters in Arts Hindi	b. All Undergraduate and postgraduate programmes are semester pattern.
4.	Certificate	a. Certificate Course in Geospatial Technology b. Certificate Course in GIS c. Certificate Course in Pathological Techniques. d. Certificate course in 3D Animation. e. Certificate course in Multimedia f. Certificate course in BEC / Performing arts. g. Certificate course in Portuguese	a. Certificate Course in Journalism	

FOR THE ACADEMIC YEAR 2015-16

BACHELOR OF SCIENCE		HONOURS PROGRAMME		SEM
i. Botany	v. Geology	i. Advanced Botany		6
ii. Chemistry	vi. Physics	ii. Chemical Analysis and Quality Management		6
iii. Computer Science	vii. Zoology	iii. Computer Science		6
iv. Mathematics	viii. Biotechnology	iv. Geology		6
		v. Physics		4
BACHELOR OF ARTS		vi. Applied Zoology		6
i. Economics	viii. English	vii. Banking and Finance		6
ii. Geography	ix. French	viii. Travel & Tourism		6
iii. History	x. Hindi	ix. Geomatics		6
iv. Philosophy	xi. Konkani	x. Archaeology		6
v. Psychology	xii. Marathi	xi. Philosophy of Human Right		1
vi. Sociology		xii. Psychology		6
		xiii. Research Methodology in Social Sciences		6
POST GRADUATE		xiv. Mass Media & Literary Studies in English		6
i. Masters in Arts Economics*		xv. Functional Hindi		6
ii. Masters in Arts Geography		xvi. Konkani		6
iii. Masters in Arts Hindi*		xvii. Writing skills for Mass Media in Marathi		6
iv. Masters in Science Information Technology		xviii. Writing Skills		6
v. Masters in Science Analytical Chemistry		xxix. Life Style Management		6
vi. Post Graduate Diploma in Geo-informatics		xxx. Basic Algebraic Cryptography (Mathematics)		2
vii. Post Graduate Diploma in Computer Applications		xxxi. Computers for Mathematics		2
viii. Post Graduate Diploma in Clinical Genetics &Medical Laboratory Techniques		xxxii. Astronomy and Observational Astronomy (physics)		2
SELF FINANCED COURSES				
Biotechnology	Portuguese	M.A. in Geography	P.G.D.C.A.	
T. Y. B.Sc. in Geography	M.A. in Economics*	M. Sc. in Information Technology	P.G.D.G.I.S.	
Third Year in Sociology	M.A. in Hindi*	M. Sc. in Analytical Chemistry	P.G.D.C.G.M.L.T.	
RESEARCH CENTRES				
Centre for Research in Hindi		Centre for Research in Geography		
CERTIFICATE COURSES				
i. Pathological Techniques		ii. Broadcast journalism*		
iii. DJ / Photography / Animation		iv. Statistical Analysis		
v. BEC / Performing arts.		vi. GIS		
vii. Applied chemistry.		viii. Public Speaking		
ix. creative writing		x. Writing		
xi. Portuguese		xii. Summer training courses.		
xiii. Spanish		xiv. Geospatial Technology		

ANNEXURE IV
PERMANENT FACULTIES, 2015-16

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

46.	Smt. Anagha D Dicholcar	Assistant Professor	Geography	M.A., S.E.T.
47.	Dr. Roopa S Belurkar	Assistant Professor	Chemistry	M.Sc., Ph.D.
48.	Dr. Manjita R. Porob	Assistant Professor	Chemistry	M.Sc., S.E.T., Ph.D.

TEMPORARY FACULTIES, 2015-16

SN	Names	Designation	Qualification
1.	Dr. Sanjay D. Gaiwad	Assistant Professor	M.A., Ph.D.
2.	Miss Amisha G. Shiroadker	Assistant Professor	M.Sc., M.Phil
3.	Dr. Lactina R. Gonsalves	Assistant Professor	M.Sc., Ph.D.
4.	Shri Andrew S Barreto	Assistant Professor	M.A. , N.E.T.
5.	Smt. Sobita V Kirtani	Assistant Professor	M.A., S.E.T.
6.	Shri Ashish Ashish	Assistant Professor	M.A. , N.E.T.
7.	Smt. Vanessa Viegas e Fernandes	Assistant Professor	M.A. , N.E.T.
8.	Dr. Sachin S Moraes	Assistant Professor	M.A., N.E.T. Ph.D.
9.	Smt. Padmini C. Raiker	Assistant Professor	M.Sc., N.E.T.
10.	Dr. Rohan K. Kunkalekar	Assistant Professor	M.Sc., Ph.D.
11.	Dr. Ashish M. Desai	Assistant Professor	M.Sc., Ph.D.
12.	Miss Danielle C S Monteiro	Assistant Professor	M.Sc., N.E.T., B.Ed
13.	Shri Pradeep R. Jatal	Assistant Professor	M.A., N.E.T. M.Phil
14.	Shri Sandesh T. Bugde	Assistant Professor	M.Sc., N.E.T.
15.	Dr. Sindhu Poudyal	Assistant Professor	MA PhD
16.	Miss Chaitali Bhowmick	Assistant Professor	MA NET

CONTRACTUAL FACULTIES, 2015-16

SN	Names	Designation	Qualification
1.	Miss Sarika S Advilkar	Assistant Professor (Contractual)	M.A., N.E.T.
2.	Dr. Socorrinha D'Costa	Assistant Professor (Contractual)	M.Sc. Ph.D.
3.	Dr. Mahadevi S. Waddar	Assistant Professor (Contractual)	M.A., Ph.D.

LECTURE BASIS, 2015-16

SN	Names	Designation	Qualification
1.	Smt. Carol Barretto Miranda	Assistant Professor (Lecture basis)	M.A.
2.	Dr. Reshma S.Raut Dessai	Assistant Professor (Lecture basis)	M.Sc., Ph.D.
3.	Miss Vrunda U. Vernekar	Assistant Professor (Lecture basis)	MSC
4.	Miss Vaishali N Gaonkar	Assistant Professor (Lecture Basis)	M.Sc.
5.	Miss Samanta V Coutinho	Assistant Professor (Lecture Basis)	M.A.
6.	Miss Freda Tavares	Assistant Professor (Lecture Basis)	M.A.
7.	Miss Vaishali S. Patil	Assistant Professor (Lecture Basis)	M.A.
8.	Miss Clarinda Fernandes	Assistant Professor (Lecture Basis)	M.A., B.Ed.
9.	Miss Prabhakumari Tiwari	Assistant Professor (Lecture Basis)	M.Sc.
10.	Shri Rovin J. Vaz	Assistant Professor (Lecture Basis)	M.Sc.
11.	Shri Adrian Ferro	Assistant Professor (Lecture Basis)	M.A.

PERMANENT OFFICE STAFF

S.N	Support Staff Names	Designations	Departments
1.	Ms. Greta Almeida	Head Clerk	Administration
2.	Ms. Anagha G. Parkar	L.D.C.	Accounts
3.	Mr. Anant S. Patil	Jr. Programmer*	Computer Science
4.	Mr. Anirudh Kunde	U.D.C.	Accounts
5.	Mr. D.M. Prabhudesai	Accountant	Accounts
6.	Ms. Dakshta R. Gaude	Lab. Assistant	Chemistry

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

TEMPORARY OFFICE STAFF

SN	Name of the Staff	Designation	Department
1.	Ms. Anushka A Dessai	L.D.C	Examination
2.	Mr. Amiruddin N. Shaikh	Watchman	Office
3.	Niwas U. Faldesai	Watchman	Office
4.	Mr. Suraj S. Naik	Watchman	Office
5.	Mr. Santan Fernandes	Daily Wages	Office
6.	Mr. 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. Anisha B. Noronha	Secretary	Administrative
10.	Ms. Pradnya Parab	Software Developer*	Information Technology
11.	Ms. Reema Vaidya	Service Engineer*	Information Technology
12.	Mr. Rony Pinto	Service Engineer*	Information Technology
13.	Ms. Sharmila Menezes	Career Counselor	Student Support Service
14.	Ms. Monica Patil	Advisor - English Writing Center	Student Support Service
15.	Ms. Priyanka G. Naik	Secretary - Writing Center	Student Support Service
16.	Mr. Vernul P. Sequira	Advisor - Writing Center	Student Support Service
17.	Mr. Kailas D. Gokhale	Statician*	Student Support Service
18.	Ms. Nandini Kunde	Assistant Coordinator- Writing Center	Student Support Service
19.	Mr. Shubhajit Datta	Technical Director*	Tiger's Studio
20.	Mr. Joy Prasad Murmu	3D Artist*	Tiger's Studio
21.	Mr. Pranesh Pradeep Desai	Illustrator*	Tiger's Studio
22.	Mr. Sanjaya Kumar Swain	General Manager	Sports Center
23.	Mr. Krishnanand Shanku Naik	Fitness Trainer*	Sports Center
24.	Ms. Azia Juliana Noronha	Receptionist cum Front Office Manager	Sports Center
25.	Mr. Ferrao Gomes	Fitness Trainer*	Sports Center
26.	Mr. Domnic Borges	Front Office Assistant	Sports Center
27.	Mr. Jeff Antansio Antao	Accountant	Sports Center
28.	Mr. Rajesh Rajgopal Rao	Shift Manager	Sports Center
29.	Mr. Sandeep Murgaonkar	Marketing Manager	Sports Center
30.	Mr. Manoj Kumar Pandey	Manager training	Marine times

MANAGEMENT PROBATION STAFF

SN	Name of the Staff	Designation	Department
1.	Mr. Vinod Gurudas Phal Dessai	Close Circuit Camera Supervisor	Estate Office
2.	Mr. Joseph Joao D'Costa	Bus Driver	Estate Office
3.	Ms. Trina Andrade	Scanner Operator*	Administrative
4.	Ms. Arti S. Bandodker	Web Executor*	Information Technology
5.	Mr. Samih Omanakuttan	Web Designer*	Information Technology
6.	Mr. Minguel D'sa	Service Engineer*	Information Technology
7.	Mr. Konjam B. Sinha	Shift Manager	Sports Center
8.	Mr. Thainoon Shaikh	Fitness Trainer	Sports Center
9.	Ms. Esmond Pereira	Trainer	Sports Center
10.	Ms. Shrutika Gauns Dessai	Co-op Assistant	Tiger Coop

ANNEXURE V
SCHOLARSHIP AND FINANCIAL SUPPORT

Scholarship	S.N.	Name of Student	Amount
Post Matric	1	Jelsona Soares	34308.00
	Total		34308.00
Post Matric	1	Kanti Katu Velip	16958.00
	2	Rasika Kushali Velip	17016.00
	3	Candida Minguel Dias	37308.00
	4	Velencia Minguel Dias	37308.00
	5	Swati Shrikant Daikar	10852.00
	6	Nilesh Shabu Gaonkar	10852.00
	7	Bindiya Chimot Velip	10852.00
	8	Sunita Tulo Velip	10852.00
	9	Precia Francisco Barreto	7115.00
	10	Alisha Constantino Alemao	7595.00
	11	Josmitha Jose Gaunkar	5590.00
	Total		172298.00
Post Matric	1	Akhil Janu Velip	16475.00
	2	Aslob Menezes	16645.00
	3	Chaitan Narayan Gaonkar	16345.00
	Total		49465.00
Gagan Bharari Shiksha Yojana	1	Akhil Janu Velip	7500.00
	2	Aslob Menezes	7500.00
	3	Chaitan Narayan Gaonkar	7500.00
	Total		22500.00
Merit Based Award	1	Akhil Janu Velip	15000.00
	2	Aslob Menezes	8000.00
	3	Chaitan Narayan Gaonkar	10000.00
	Total		33000.00
Gagan Bharari Shiksha Yojana (Financial Assistance)	1	Jelsona Soares	7500.00
	Total		7500.00
Gagan Bharari Shiksha Yojana	1	Kanti Katu Velip	7500.00
	2	Rasika Kushali Velip	7500.00
	3	Candida Minguel Dias	7500.00
	4	Velencia Minguel Dias	7500.00
	5	Swati Shrikant Daikar	7500.00
	6	Nilesh Shabu Gaonkar	7500.00
	7	Bindiya Chimot Velip	7500.00
	8	Sunita Tulo Velip	7500.00

	9	Precia Francisco Barreto	7500.00
	10	Alisha Constantino Alemao	7500.00
	11	Josmitha Jose Gaunkar	7500.00
	Total		82500.00
MS Honrao & Dr. S. S. Hiremath Prize Fund Scholarship	1	Ghanekar Pravin Ashok	5000.00
	2	Naik Kiran Prakash	5000.00
	Total		10000.00
Late Afroz Shaikh Prize Fund	1	Naik Kiran Prakash	3545.00
	Total		3545.00
Endowment Prizes			
Physics Dept Prize fund	1	Gawali Sonu Chandrashekhar	80.00
Endowment & Nehru Prize Fund	2	Parodker Naguesh	150.00
R B Nagvenkar Prize Fund	3	Sawant Divya	1000.00
Laxmibai Nagvenkar Prize Fund	4	Khandeparker Anisha	2000.00
Dr. R Y Mishra Prize Fund	5	Sinai Bhangui Aditya	1000.00
Muriel Falleiro Prize Fund	6	Sawant Divya	900.00
S S Phadke Prize Fund	7	Sairaj Mahadik	900.00
	Total		6030.00
Students Aid Fund	1	Mulla Shireen Abdual	1500.00
	2	Deepa Houshetti	1500.00
	3	Gadkari Nirmala	1500.00
	Total		4500.00
Principal's Contingency Fund	1	Deepa Houshetti	1500.00
	Total		1500.00
GRAND TOTAL			427146.00

ANNEXURE: VI
PAPER PUBLICATIONS, 2015-16

PAPERS PUBLISHED: 34

International: 24

1. Waddar, M. S., Keni T., & Fernandes S. (2015) **“Social Support: A Way for Sound Mental Health”**, *Global Journal for Research Analysis*, Vol. 4 (9), 1-3. Journal DOI: 10.15373/22778160, Impact factor of 3.1218.
2. Masur U., Kumar H., Kumar A. (2015) **“Larvicidal effect of Dysoxylum Binectariferum Hook against Anopheles stephensi Liston, Culex quinquefasciatus Say and Aedes aegypti L”**, in the peer-reviewed *International Journal of Bioassays*, Vol 4 (12), 2015, pp. 4685-4688. Info Base Index Factor 3.18. ISSN: 2278-778X.
3. Nandini V. F. (2015) **“Non-Genetic Potential Risk Factors for Autism Spectral Disorders”**, *Indian Journal Applied Res.* 5 (7); pp. 26-30 - DOI: 10.15373/22495555. Impact factor 3.624. (Peer reviewed)
4. Sequeira P.V., Baracho A., Pinheiro A., Pinheiro A², Gokhale D. K. (2015) **'Impact of Students' Lifestyle and Study Skills on Academic Scores'**, *Journal of International Academic Research for Multidisciplinary*, 3(11); pp. 59-68. Impact factor 2.417.
5. Waddar M., Luis D., Fernandes N., & Keni T. (2015). **“Elderly Living In Old Age Homes And Within Family Setup: A Psychological Analysis”**, *International Journal of Scientific Research*, Vol. 4(9), 2015, pp. 68-69. Journal DOI: 10.15373/22778179. Impact factor: 3.2416.
6. Nandini, V.F. (2015) **“Skill Development in Children with Autism Spectrum Disorder – Comparison of Children at Special School and Regular School”**. *Indian Journal of Research*, 4(7); pp. 431-433. DOI: 10.15373/22501991. Impact factor 3.4.
7. Moraes S.S. (2015) **“The Diaspora and the elderly in AVC (Goa)”**, *International Research Journal for Social Science*, Vol. IV, Issue 8, (2015), pp. 40 -48. ISSN: 2319-3565.
8. Ghanti S. & G.M.Naik (2015) **"Design of System on Chip for Generating SYN Flood Attack to Test the Performance of the Security System"**, in the peer-reviewed *International Journal of Computer Applications (IJCA)*, July 2015 Edition, Impact factor is 0.715. ISSN: 0975-8887.
9. Nandini V. F. (2015) **‘Evaluation of Teratogenic Potential of Capsicum on Rattus norvegicus’**. *Glo J Res Ana.* 4(12); 2015, pp.100-101. DOI: 10.15373/22778160. Impact factor 3.12.
10. Mali S., Pawar-Patil V.S. (2015) **“Geoinformatic Approach for Watershed Characterization in Kasari Basin of Maharashtra, India”** *International Journal of Scientific & Engineering Research*, Volume 6, Issue 4, April 2015, Pp 940-949, Impact factor 3.2
11. Yedage A., Sawant N.N. and Malave V. (2015) **“Change Detection Analysis Using Geospatial Technique: A Case Study of South Goa”** *International Journal of Scientific & Engineering Research*, Volume 6, Issue 6, June 2015, Pp. 982- 989, Impact factor 3.2
12. Waddar M., Panandikar R., Tendulkar A., & Keni T. (2016) **“Effectiveness of Gratitude Therapy on Guilt Proneness”**, *International Journal of Academic Research'* Vol-3, Issue 1(2), Jan 2016. Impact Factor 3.075.

13. Nandini V. F. (2015) **"Impact of Iron Ore Mining: Comparison of Physicochemical Parameters and Heavy Metals in Upstream and Downstream Sites of a River"**. *International Journal Scientific Research* 4(7); 254-257. DOI: 10.15373/22778179. Impact factor 3.24. (Peer reviewed)
14. Masur U., Kumari P. H., Gokhale D.K. and Sangodkar U.M.X. (2016). **"Genetic Polymorphism of Tylophora Species of Goa as Revealed by RAPD"**, in the peer-reviewed *Current trends in Biotechnology and Pharmacy*. Vol. 10, Issue 1. Impact factor: 4.42. ISSN: 0973-8916 (Print 7303 online). SJR of scopus^(R) database –H Index -7.
15. De Silva L. , Gomendes P., Coelho J., Khatun K, Kumar S. and Noronha R.(2016) **"Response of Lavandula vera to in vitro conditions"**, in the peer-reviewed *International Research Journal of Biological Sciences*, Vol.5(2), 2016, pp.1–13, ISSN 2278-3202.
16. Moraes S.S. (2016) **'The Goan Diaspora and the left behind Women in Goa'** *International Journal of Research in Social Science*, Vol. 6 (3), 2016, pp. 51-67. ISSN 2249-2496, Impact Factor 6.278.
17. Motankar M.M., Fernandes C., Rebello V., Naik Gaonkar K. & Amonker A.(2016), **"Biofuel production and Cellulase extraction from Eichhornia crassipes"** in the peer-reviewed *International Journal of Multidisciplinary Research Review (IJMDRR)*, Peer reviewed and Referred journal, Volume-1, Issue-3, March-2016, Pp.194-197; E-ISSN-2395-1885; ISSN-2395-1877; Impact Factor-2.262.
18. Nandini V. F. (2016) **"Stress during Pregnancy and Lack of Calcium and Folic Acid Increases Risk of Autism Spectral Disorder in Offspring"**., *International journal of Current Research and Review*; 8(5), 2016, pp.33-36. Impact factor of 4.016.
19. Kirtani S. (2016) **"A Study of Social Support and Subjective Well- Being in the Elderly Women across Marital Status"** *Indian Streams Research Journal* an International Recognized Multidisciplinary Research Journal, volume V, issue IX ISSN No : 2230-7850 Impact Factor : 3.1560 (UIF) Article ID : ISRJ-7277 Journal DOI : 10.9780/22307850
20. Motankar M.M., Chattopadhyay A., Oliveira L.C., Barreto D.R., Leitao J.R., Kumar Malla L. (2016), **"Bioaccumulation of Heavy Metals Using Hydrophytes"**, in the peer-reviewed *International Journal of Advance Research in Engineering Technology & Sciences (IJARETS)*, Volume-III Issue-IV; Impact factor: 0.537; ISSN: 2394-2819.
21. Falleiro S. (2016) **"Exploring learning in New Learning Environments of the 21st Century"** in the peer-reviewed *Engineering Sciences International Research Journal*, Volume IV, Issue 1, pp. 5-8. ISSN: 2320-4338 and ISBN: 978-93-84124-60-1.
22. Falleiro S. (2016) **"Remapping for Revitalization of Higher Educational System in India using ICT"** in the peer-reviewed *PARIPEX-Indian Journal of Research*; Volume V, Issue 4, April 2016, pp. 128-130, ISSN: 2250-1991. Impact Factor: 5.215 IC Value : 77.65
23. D'Costa L., Usman S. Yadav S., Pai P., Parihar N., Gurav N., Bhat M. (2016) **"Isolation And Characterization Of Naphthalene Degrading Soil Bacteria"**, *International Research Journal of Biological Sciences*, 5(4), 2016, pp. 64-68. ISSN: 2278-3202.

24. Aguiar L.M. (2016) **“Evaluating Welfare through the Paretian approach: A study of Policy implementation on Domestic LPG subsidy Programme”** *International Multidisciplinary Research Foundation (IMRF)*. ISSN: 978-93-84124-67-0.
25. Waddar M.S. along with Tendulkar A., Panandikar R. and Keni T. (2016) **“Effectiveness of Gratitude Therapy on Shame Proneness”**, *International Journal of Engineering, Management and Sciences*, Vol. 3(1), 2016.

National: 10

1. Purandare, H. and Nandini, V.F. (2015) **“Parental Decision after Genetic Counseling for Prenatal Detection of Sex Chromosomal Abnormalities”**, *Indian Journal of Scientific Research*, 6(1), pp.17-21, with impact factor 1.4053
2. Waddar M. & Keni T. (2015), **“Work-Task Motivation and Role Based Performance of Teachers”**, in *Indian Journal of Applied Research*, Vol. 5(9), 2015, pp. 17-19. Journal DOI: 10.15373/2249555X. Impact factor: 3.62.
3. Masur U., Ferrao D., Naik D D., Rodrigues M J., Rodrigues V S . (2015), **“Phytochemical studies of Tylophora species of Goa”** in the peer-reviewed *Journal of Natural Products*, Volume 8, 2015, pp.100-105. ISSN: 0974-5211.
4. Sequeira V., Gokhale D. K. , Chawla M., Da’cruz A., Fernandes Z., Sinai Sencou A., Rodrigues L. (2016) **“Academic Writing Course: An Instrument In Creating Awareness on the Fundamentals of Writing”**, *Indian Streams Research Journal*, Volume - 6 | Issue - 1 | Feb – 2016. ISSN: 2230-7850 Impact Factor : 4.1625(UIF)
5. Aguiar L.M. (2016) **“Evaluating Welfare through the Paretian approach – study of policy implications on domestic LPG subsidy programme”**, *Journal of Social Science* (ISSN 987-93-84124-67-0).
6. Kakodkar S. (2016) **“Synthesis, Characterisation and Photocatalytic Activity of Cadmium Sulphide Nanoparticles”**, *Chemical Science Transactions*, Volume 5, No. 1, 2016.
7. Sawant N. N. et.al. (2015) **“Coastal Tourism and Occupational Change of Beach Destination, Cavelossim, Goa”**, *The Konkani Geographer*, Volume 4, 2015, pp. 27-36, ISSN 2277-4858.
8. Ferro A. and Sawant N. N. (2015), **“Metamorphosis in Medium Sized Town: Appraising Margao, Goa”**. *The Goa Geographers*, Vol. XI No. 1, 2014, pp. 22-27.
9. Sawant N. N. and D’Silva M. (2015) **“An Appraisal of Landuse and Landcover and Perception of the beach community, Colva-Goa, India”**, *The Goa Geographer*, Vol. XI, No. 1, 2014, pp. 16-21.
10. Ashish M. Desai, A. Strelkov, S. S. Malik, A. Steyerl (2015) **“Measurement of the Neutron Lifetime in the “Accordion-like” Storage Trap”**, *Board of Research in Nuclear Sciences, Department of Atomic Energy, Government of India*.

PAPERS IN CONFERENCE PROCEEDINGS: 03

1. Sawant N. N. (2015) **“Development, Population Displacement and Ecology: An Introspection of Western Ghats in the context of two Dams of Goa and South Maharashtra”** published in

proceedings of ICSSR sponsored two day National seminar on ‘Western Ghats: The World Heritage Environment and Development’, pp 26-29, ISBN 978-81-931583-0-2.

2. Masur U., Ferrao D., Naik D.D., Rodrigues M.J., Rodrigues V.S. (2016) “**Micropropagation of Tylophora species of Goa**” *St. Xaviers College of Arts, Science and Commerce, Mapusa – Goa*.
3. De Silva L., Naik D., Bandodkar S., Mujwar H., D’souza A. and D’mello A. (2016) “**Response of Costus igneus and Sapindus mukorossi to in vitro conditions**” *St. Xavier’s College, Mapusa –Goa*. ISBN: 978-93-84298-28-9.

ANNEXURE VII

BOOKS PUBLISHED, 2015 – 2016

Books Published: 5

1. Bhardwaj V. K. and Sawant N. N. (Ed.) (2016), “**South Asia: Intra-Regional Conflict and Cooperation**”, *G.B. Books, New Delhi*, was released on 22nd January, 2016. ISBN: 978-93-83930.
2. Adsul S.S. (2016) “**G.L.Thokal Yanche Sahitya Ek Aakalam**”, *Nirmiti Savadha P.P.L., Kolhapur*, January 2016. ISBN: 978-93-82028-09-3.
3. Adsul S.S. (2016) “**Asthavedha**”, *Nirmiti Savadha P.P.L., Kolhapur*, January 2016. ISBN: 978-93-82028-08-6.
4. Chopdekar H. (2016) ‘**Doordarshanvaril jahitari kiti son kiti mati**’*Published by Liknete Venkatrao Here Mahavidyalay, Nasik.* ISBN No. 978-93-84309-00-8
5. Chopdekar H. (2016) “**Gopal Ganesh aagarkar yanchi Marathi Sahityatila yogdan**”*Published by Shri Siddivinayak Mahila Mahavidyalay, Karvenagar, Pune.* ISBN No. 978-81-931444-1-1

Chapter in Book:6

1. Nandini V. F.(2016), ‘**Genetic Testing: Indications, Types and Principles**’ in the book ‘Principles and Practice of Fetal Medicine’ published by Jaypee Brothers Medical Publishers and released on 22nd January, 2016 at the National Conference on ‘Indian Society For Prenatal Diagnosis & Therapy’ held at New Delhi.
2. Ferro A., Ugavekar N. and Sawant N.N. (2016) “**Urbanization in SAARC Nations: Dynamics and Consequences**” published in the Book “South Asia: Intra-Regional Conflict and Cooperation”, *G.B. Books, New Delhi*, 2016.
3. Sawant N.N. (2016) “**Changing Demographics, Education and Employability: Issues and Challenges in SAARC**” published in the Book “South Asia: Intra-Regional Conflict and Cooperation”, *G.B. Books, New Delhi*, 2016, pp.127-136.
4. Sawant N.N. (2015) “**Development, Population Displacement and Ecology: An Introspection of Western Ghats in the context of two Dams - Goa and South Maharashtra**” published in edited volume *Western Ghats: The World Heritage Environment and Development*”, Pp 26-29. ISBN 978-81-931583-0-2.
5. Tamuly R. (2015) ‘**Comparative Analysis of Educational status of Goa’s Population Based on 2001 & 2011 Census**’ in the book ‘Inclusive Growth: An Opportunity with Challenges’, *publication:K.D. Computers & Graphics (Regd.)*, 2015, pp. 187-192. # 91-9258921888 with ISBN: 978-93-5254-260-4.
6. Coutinho V.S.(2015) “**Corporate Social Responsibility striking a balance growth versus welfare development**” in the edited book ‘Sustainable development and business Strategies’ published by *S.B. Nangia A.P.H. Publishing Corporation, New Delhi.* 2015, pp. 238-257. ISBN: 978-93-313-2641.

ANNEXURE -VIII

PAPER PRESENTATIONS, 2015 – 2016

International Level:10

1. Reshma Raut Dessai (2015), oral paper presentation **“Study of Aggregation in a Micellar Solution within Bentonite Clay by SANS”** at the 2nd Asia Oceania *Conference* on ‘Neutron Scattering’ held at Sydney Australia from 19th -23rd July, 2015.
2. Madhavi M. Motankar, Clafy Fernandes, Viera Rebello, Kajal Naik Gaonkar, Ayushi Amonker (2015), poster presentation on **‘Pretreatment optimization of bioethanol production from Eichhornia crassipes’** at the *2nd International Conference and Exhibition* on “Biotechnology” organized by Bright International Conferences & Events (Bright ICE) at Leonia International Convention Centre, Hyderabad, India on 3rd & 4th August 2015.
3. Kailas D. Gkhale (2015) **“Bayesian Control chart for process Average when prior distribution is a mixture of two normal distribution”** at the *International Conference* on “statistics and related areas for equity, sustainability and development in conjunction with XXXV Annual Convention of Indian Society for Probability and Statistics (ISPS) organized by Department of Statistics, University of Lucknow, India from 28th October to 2nd November 2015.
4. At the *Eighth International Geographical Union Conference* on ‘Land-use, Water, Climate and Urban Health in Changing Urban Environment’ organized by Department of Geography, SNDT Women's University, Pune from 4th - 6th November, 2015 the following faculties presented their papers:
 - i. Adrian Ferro and Nandkumar N Sawant (2015) **"Metamorphosis in Medium-sized Town: Appraising Margao, Goa"**
 - ii. Anagha Bicholcar (2015) **"Reproductive Health of Women in Moti Dongor Slum"**
5. In an *Interdisciplinary International Conference* on “Regional Cooperation, Conflicts & Constructiveness in South Asia: Strengthening SAARC” organized by the Department of Geography of our college from 21st to 23rd January 2016. The following faculties presented their paper presentations:
 - i. Adrian Ferro, Nitesh Ugavekar and Nandkumar Sawant (2016), **“Urbanization in SAARC Nations: Dynamics and Consequences”**
 - ii. Rahul P.S. (2016), **“An appraisal of the development potential for Northern Province (Sri Lanka): Problems and Prospects”**
6. Amisha Shirodkar, Madhavi Motankar and Nidhi R. Tallur (student of T.Y.B.Sc.) (2016) a poster paper **“Cellulase Activity, Structure Prediction & Comparative Analysis From Various Fungal Isolates”** at *3rd International Conference* on ‘Biotechnology and Bioinformatics (ICBB 2016)’ Organised by International Center for Stem Cells, Cancer and Biotechnology (ICSCCB),

held at Pune from 5th - 7th February, 2016.

7. Sameena Falleiro (2016) "**Exploring Learning In New Learning Environments of the 21st Century**" at the *International Conference* on 'Mathematics, Physics and Allied Sciences-2016' organized by Carmel College for Women, Goa in collaboration with International Multidisciplinary Research Foundation from 3rd to 5th March, 2016.
8. Martina Liza Aguiar (2016) "**Evaluating Welfare through the Paretian approach – study of policy implications on domestic LPG subsidy programme**" at the *International Conference* on 'Women's Studies And Social Studies 2016' organized by International Multidisciplinary Research Foundations (IMRF) in collaborations with Carmel College Nuvem from 3rd to 5th March, 2016.

National Level:28

1. Sagar Mali (2015), "**Land Suitability Analysis of Hiranyakeshi Basin using Geospatial Techniques**" at the *National Conference* on "Sustainable Agriculture Development Planning" organized by Department of Geography, Vivekananda College, Kolhapur on 28th & 29th August 2015.
2. A. Ashish (2015), "**A Comparative Morphometric Study of Galjibag River, Goa, using Traditional and GIS Methods**", Two-Day *National Level Interdisciplinary Conference* on "Tourism, Natural Resources and Biodiversity" organized by Arts and Commerce College, Phondaghat, Sindhudurg on 2nd & 3rd September 2015.
3. At the UGC sponsored one day *National Seminar* on 'The Image of India in Post Colonial Indian English Literature- Issues and Challenges' organized by the Department of English, Rani Parvati Devi College of Arts & Commerce, Tilakwadi, Belgaum on 8th September, 2015. The following faculties presented their papers:
 - i. Rajashree Desai and Deepa Houshetti (2015) "**Tradition And Modernity as Reflected in the Plays of Girish Karnad**"
 - ii. Eltrin D'Souza (2015) "**The voice of the subaltern in Arjun Dangle's "The Poison Bread": Representation and Resistance**"
4. Hanumant Chopdekar (2015) '**Konkani Rangmanchayeche Khashelpaṇ ani tache mukhar aashili aavana**' at *National seminar* organized by Thomas Stephens Konkani Kendra, Porvorim on 12th September 2015.
5. Sobita Kirtani (2015) "**A study of social support and subjective well-being in the elderly women across marital status**" at the 2nd International & 4th Indian Psychological Science Congress organized by National Association of Psychological Science held in Chandigarh on 8th & 9th October, 2015.
6. Hanumant Chopdekar (2015) "**Nutan Sakhardande ani Gavadulup Dais yanchya kaviteḷa**

astureche bhavvishrv” at *National seminar* jointly organized by Vishwa Konkani Kendra, Manglore and English Department, Goa University at Shaktinagar Manglore on 05th- 6th November 2015.

7. Sindhu Poudyal (2015) **“Critical Analysis: Need for the Revival”**, at UGC sponsored *national seminar* on "Comparative and Critical Study of the Philosophical Systems/Movements and Religions" organized by the Department of Philosophy, Goa University on 30th November, 2015.
8. At the *National Seminar* on “Advances in Life Sciences” organized by the Dept. of Botany, St. Xavier’s College of Arts, Science and Commerce, Mapusa Goa on 7th and 8th December 2015 the following faculties did their poster presentations:
 - i. Amisha Shiroadker Pednekar, Akshata Kudcherkar, Deepika Shet Verenkar, Nidhi Tallur and Rutuja Lotliker (2015) **“Isolation, Identification and Ecological significance of litter fungi”**.
 - ii. Uma Masur, Ferrao D. Naik D.D., Rodrigues M.J., Rodrigues V.S. (2015) two presentations 1. **“Phytochemical studies of Tylophora species of Goa”** 2. **“Microproagation of Tylophora indica sps. from Goa”**. They secured 2nd place.
9. A. M. Desai, A. Strelkov, S. S. Malik, A. Steyerl (2015) **“Measurement of the Neutron Lifetime in the ``Accordion-like" Storage Trap”** in an 60th DAE-BRNS *National Symposium* on ‘Nuclear Physics’ organized by B.A.R.C in association with Sri Satya Institute of Higher Learning, Nilayam at the Sri Satya Institute of Higher Learning, Nilayam from December 07-11, 2015.
10. Rupali Tamuly (2015) **‘Comparative Analysis of Educational status of Goa’s Population Based on 2001 & 2011 Census’** at the *National Seminar* on ‘Inclusive Growth: An Opportunity with Challenges’ sponsored by University Grants Commission, New Delhi, organized by Department of Economics, S.R.K. (P.G.) College, Firozabad on 12th & 13th December, 2015.
11. Sindhu Poudyal (2016), **“Pursuit of Knowledge: Philosophy, Science and Religion”** in a I.C.P.R., New Delhi sponsored *National Seminar* organized by the Department of Advaita Vedanta Philosophy, A.P.S University, Rewa, Madhya Pradesh from 2nd -2^{4th} January, 2016.
12. Sameena Falleiro (2016), **“Evaluating the type of learning taking place through Learning Management System”** at the *National Conference cum Workshop* on “Enhancing Information Technology Education (EITE)” organised by National Institute of Technology, Goa from 4th to 9th January, 2016. She was awarded second place for the paper presentation at the conference.
13. At the 2nd *National Conference* on “Emerging Trends in Chemistry and Materials Science-2016” organized by Department of Chemistry Gogte Institute of Technology, Belgavi held at Belgavi on 23rd January, 2016. The following faculties had presented their papers:
 - i. G. K. Naik (2016) **“Synthesis and catalytic applications of nano Chromite spinels”**

- ii. Sachin B. Kakodkar (2016) **“Synthesis, Characterization and Catalytic Activity of MCM-41 catalyst for Knoevenagel condensation reaction of benzaldehyde and ethyl cyanoacetate”**
 - iii. Rohan K. Kunkalekar (2016) **“Preparation, characterization and application of doped zinc oxide nanomaterials”**
 - iv. Lactina R. Gonsalves (2016) **“Effect of Particle size on the Electric and Magnetic properties of Zinc dopped Cobalt Ferrite”**
14. Nandkumar N. Sawant (2016) **“Mapping, Place, Nexus, Religion and Politics – A Perspective of I, We and They”** the *Symposium* on “Challenge to Restore the Democratic We from the Invasion of Religious Us and Them” organized by Committee for the Apostolate of Religious Dialogue and Committee for Inculturation, Archdiocese of Goa and Daman at Ravindra Bhavan, Margao, Goa on 31st January, 2016.
 15. Sarika Advilkar (2016), **‘Runanubandhan Madhun Saakar Jhalele Yashwantrao Chawan Yanche Vyaktimatva’** at the *National Seminar* on ‘Yashwantrao Chawan Yanche Sahitya: Swaroop Va Samiksha’ organized by B.D.Kale college of Arts & Commerce, Ghodegao, Pune on 12th & 13th February, 2016.
 16. Pradeep Jatal (2016), **“Vartaman Pariprekshya Me Amrutlal Nagar Ke Natak”** in *National Seminar* organized by Department of Hindi, Pune University on 9th February, 2016.
 17. E.M.Travassos (2016), **“Business Models of Small Enterprises and their Implications for Economic Growth and Employment”** at the two day *National Seminar* on "The Role of MSMEs in the Indian Economy" organized jointly by the Department of Economics and Banking, VVM's Shree Damodar College of Commerce and Economics and the Goa Economic Association on 21st & 22nd March, 2016.
 18. Rupali Tamuly (2016) **“Health Care and Health Expenditure in India: Findings from NSSO’s 52nd, 60th and 71st Round on Morbidity and Health”** at the *National Seminar* on ‘Population and Development: Issues and Challenges in 21st Century’ at Nagpur, Maharashtra organized by the International Institute for Population Sciences (IIPS), Mumbai during 18th -19th March, 2016.
 19. At the Two-Days *National Seminar* on “Trajectories and Prospects in Geography” organized by Department of Geography, University of Mumbai, Kalina Campus, Mumbai on 30th & 31st March, 2016. Following papers were presented at the seminar:
 - a. Venkatesh Prabhu Gaonkar and Sagar Mali - **“Application of Geospatial Technology in Spatio-temporal Analysis of Coastal Areas: A Case Study of Anjunem, Goa”**
 - b. Saili Harmalkar and Anil Yedage - **“Analysis and Simulation of Land-use /Land-cover Change in Quepem Tehsil, Goa State”**
 - c. Akshata Desai and Anil Yedage - **“Spatio-temporal Change Detection of Land-use/Land-cover: A Case Study of Sattari Taluka, Goa, India”**

20. Sobita Kirtani and Amba Prabhu (2016) **“Resilience and Emotional Competence in Sports Persons”** at the *National Seminar/conference* on ‘Sport Psychology: Application & Emerging Trends’ organized by Goa College of Home Science in collaboration with Directorate of Sports and Youth Affairs and Goa Psychology Association held on 23rd March, 2016.

State Level: 1

1. Devashish Bagchi (2015), **“Combating stress through active lifestyle”** at *State level seminar* organised by Narayan Zantye College, Bicholim, Goa on 10th August, 2015.

ANNEXURE IX

ORGANIZED CONFERENCES, SEMINARS AND WORKSHOPS, 2015-16

International: 1

1. The Department of Geography organized a Indian Council of Social Science Research (ICSSR), New Delhi sponsored three days *Interdisciplinary International Conference* on **“Regional Cooperation, Conflicts and Constructiveness in South Asia: Strengthening SAARC”** from 21st to 23rd January, 2015.



Interdisciplinary International Conference on “Regional Cooperation, Conflicts and Constructiveness in South Asia: Strengthening SAARC”

State:4

1. The College in collaboration with Indian Institute of Science and Religion (IISR) and Science and Relation Sangam (SRS), Goa organized an *Interdisciplinary Conference* on **“Science, Ethics and Society”** on 9th March, 2016 in the college.
2. The Students Support Service (Career and Counseling) in collaboration with Rotaract Club, Margao organized a *seminar* on **“Career Guidance on Higher Education”** for all Third Year students on 20th January, 2016.
3. The Department of Konkani in collaboration with Goa Konkani Academy, Panaji, Goa organized a *State Level Seminar* on the **“Literature of Damodar Mauzo”** for the college students in Goa held at the College on 10th February, 2016.
4. The Internal Quality Assurance Cell (IQAC) organized a *Seminar* on **“Strategies for change in the new teaching – learning environment”** for the faculties of our college and other colleges in Goa on 7th April 2016.



Seminar on “Strategies for change in the new teaching – learning environment”

College: 05

- 1) The College in collaboration with Indian Institute of Science and Religion (IISR) and Science and Relation Sangam (SRS), Goa organized an *Interdisciplinary Conference* on **“Science, Ethics and Society”** on 9th March, 2016 in the college.
- 2) The Students Support Service (Career and Counseling) in collaboration with Rotaract Club, Margao organized a *seminar* on **“Career Guidance on Higher Education”** for all Third Year students on 20th January, 2016.

- 3) The Department of Konkani in collaboration with Goa Konkani Academy, Panaji, Goa organized a *State Level Seminar* on the “**Literature of Damodar Mauzo**” for the college students in Goa held at the College on 10th February, 2016.
- 4) The Internal Quality Assurance Cell (IQAC) organized a *Seminar* on “**Strategies for change in the new teaching – learning environment**” for the faculties of our college and other colleges in Goa on 7th April 2016.
- 5) Dean, Faculty of Social Sciences of our college organized an *Interdisciplinary Seminar* on “**Agriculture**” for the Undergraduate & Postgraduate students of Social Sciences on 29th August, 2015.

WORKSHOPS ORGANISED BY COLLEGE: 31

1. Department of Computer Science organized a *workshop* on “**Spoken Tutorials**” conducted by IIT, Mumbai for the benefit of the faculties and students from all colleges and educational institutions in Goa on 1st July 2015.
2. The Department of Computer Science (MSc IT) organized a one day *State-Level workshop* on “**Struts 2 Framework**” for the faculty members of BCA and BSc (Computer Science) streams on 29th August 2015.
3. Department of Physics in collaboration Indian Association of Physic Teachers, Goa Regional Council organized a DST sponsored *workshop* on the “**Application of X - Rays & Neutrons in the Study of Condensed Matter**” for IAPT Goa RC at our College on 3rd and 4th September 2015. 120 teachers from various colleges and higher secondary’s from Goa participated.
4. The College along with SCERT, Directorate of Education, Government of Goa and Vidnyan Parishad-Goa organized a *workshop* on “**ICT based learning**” for Higher Secondary Science teachers on 4th and 5th December, 2015.
5. The Department of Konkani in collaboration with Goa Konkani Academy organized a one day *workshop* on “**Short Story Writing (Katha Lekhan: Tantra Ani Mantra)**” for students and teachers from various Goa colleges and Higher Secondary’s on 28th November, 2015.
6. The Department of Portuguese in collaboration with Centro de Lingua Portuguesa organized a *Workshop* on



Workshop on “ICT based learning”



Workshop On “Short Story Writing (Katha Lekhan: Tantra Ani Mantra)”

“Preparation of Short Story for Competition” for Goan schools, secondary schools and colleges in Panjim on November 2015.

7. Department of Geography in collaboration with IIS University (International College for Girls, Autonomous), Jaipur, Rajasthan organized a *workshop* on **“Field Techniques and Village Survey”** for 12 Students and two faculties of the IIS University (International College for Girls, Autonomous), Jaipur, Rajasthan, from 23rd to 27th January, 2016.

8. The Department of Biotechnology in collaboration with Bio Discovery Group India organized a two days *National*



*National Workshop on
“Drug Discovery Technology: Insights on ProteinLigand”*

Discovery Technology: Insights on protein ligand” for students, research scholars, and faculties from various institutes as well as scientists and other corporate representatives from India (total 80 participants) on 15th& 16th January, 2016.

9. The Department of Portuguese organized a Teaching Skills *workshop* on **“Compreensão e Expressão Oral através da música em Língua Portuguesa”** for Portuguese faculties in Goa on 26th February 2016.
10. The Department of Chemistry in collaboration with Gogate Jogalekar College, Ratnagiri organized a workshop on **“Micro Scale Techniques in Chemistry”** for T.Y. students of Chemistry on 05th March 2016.

11. The College organized week long *workshop on* **“Executive Development Programme (EDP)”** for Principals across the country from 28th March to 1st April, 2016. It was attended by 35 Principals across India.



Workshop on “Executive Development Programme (EDP)”

12. The Department of Computer Science organized a *workshop* on **“Chowgule Certified Network Associate (C-CNA)”** for students in and around Goa from 28th October to 02nd November 2015.
13. The Department of Konkani organized a one day *workshop* on **“Konkani Shudh Lekhan”** for Konkani students on 27th June, 2015.

14. The Department of Konkani organized a one day *workshop* on **“Devanagri Typing”** for first year B.A. and B.Sc. students on 10th July, 2015.
15. The Students Support Service (Writing Center) organized a two days *workshop* on **“Email Etiquettes and Writing of Emails”** for the Laboratory Assistants and Secretaries of the college on 21st July, 2015 and 23rd July, 2015.
16. The Students Support Service (Career and Counseling) organized a *workshop* on **“Coping with Anxiety”** at the Student Support Services classroom on 16th July, 2015.
17. The Department of English in collaboration with Tiatr Academy, Goa under Creative writing organized a one day *workshop* on **‘Tiatr’** on 6th August, 2015.
18. Postgraduate Department of Geography organized a *workshop* on **“Avoiding Plagiarism”** for the Geography Postgraduate students on 20th August, 2015.
19. The Department of Geography organized a *Workshop* on **“Interactive English”** was organized for the students of Postgraduate Diploma in Geoinformatics on 26th September 2015.
20. The College organized a *workshop* on **"Heal-thy Conflicts"** by Mr. Pravin Sabnis, a leading Corporate Coach for all the HODs, as well as for the non teaching staff on 29th October, 2015.
21. The Department of Computer Science organized a *workshop* on **“Magento Framework”** by Mr. Dinesh Rivankar from Persistent Systems, Verna, for the students of PGDCA on 3rd October, 2015.
22. The Department of Computer Science (Chowgule FOSS Club) organized a *workshop* on **“Multimedia Tools”** conducted by Tushar Vasker, Designer for Post Graduate Diploma in Computer Applications on 28th November, 2015.
23. The Department of Computer Science organized a *workshop* on **“Project Orientation”** for Post Graduate Diploma in Computer Applications students on 28th November, 2015.
24. The Department of Computer Science (Chowgule FOSS Club) organized a *workshop* on **“MongoDB – NoSQL Database”** for Chowgule students (MSc-IT and TYBSc) and TYBCA students of Fr. Agnel College, Pilar; Faculty from Don Bosco College and Dhempe College on 5th December 2015.
25. The Department of Geography organized a One Day *Workshop* on **“Practical’s in Climatology and GIS”** for the T.Y.B.A. Geography students of our college and other colleges in Goa on 5th March 2016. 100 students from five colleges in Goa participated in this workshop.
26. The Department of Computer Science organized one-day hands on *workshop* on **"The NodeJS Technology"** on 12th March, 2016. Twenty students from MSc IT (6 from Part I and 14 from Part II) attended the workshop
27. The Post Graduate Department of Geography and Department of chemistry jointly organized a *workshop* on **“Leadership Skills”** for M.A Geography and M.Sc. Chemistry students on 21st March 2016.

28. Internal Quality Assurance Committee organized a *workshop* on **“Vision Building”** for the college faculties on 30th March, 2016.
29. Internal Quality Assurance Committee organized a *workshop* on **“Reviewing the roles and responsibility of IQAC”** for the college faculties on 31st March 2016.
30. The Department of Physics organized a workshop on **“Astronomy and Space Study”** for the first and second year physics students on 2nd May, 2016.
31. The Department of Portuguese organized a workshop on **“Teaching Skills”** for faculties.

ANNEXURE X
ATTENDED CONFERENCES / SEMINARS / SYMPOSIUM, 2015-16

A) ATTENDED CONFERENCES / SEMINARS: 28

International Level: 04

1. Ms. Madhavi M. Motankar (2015) *attended* an 2nd International Conference and Exhibition on **“Biotechnology”** organized by Brightice International Conference and Events Organisation (BrightICE) at Leonia, Hyderabad, India on 3rd and 4th August 2015.
2. Ms. Madhavi M. Motankar (2015) *attended* an 6th International Conference on **“Stem Cells and Cancer (ICSCC-2015): Proliferation, Differentiation and Apoptosis”** in Pune, India on 2nd to 5th October 2015.
3. Ms. Madhavi M. Motankar (2015) *attended* an 3rd International Conference on **“Biotechnology and Bioinformatics (ICBB-2016)”** organized by the International centre for stem Cells, Cancer and Biotechnology (ICSCCB), Pune India at Yashada Auditorium, Pune from 5th to 7th February 2016.
4. Dr. Sameena Falleiro (2016) *attended* an International Conference on **“Mathematics, Physics and Allied Sciences”** organized by Carmel College for Women, Goa in collaboration with International Multidisciplinary Research Foundation 3rd March, 2016 to 5th March, 2016.

National Level: 09

1. Ms. Lee-Anne D’Costa (2015) *attended* the UGC sponsored *national seminar* on **“Recent Developments in Biotechnology”** organized by the Department of Biotechnology, St. Xaviers College Arts, Science and Commerce, Mapusa-Goa on 09th March 2015
2. Dr. Nandkumar N Sawant, Ms. Merel D’Silva, Mr. A. Ashish along with 12 M.A. students (2015), *attended* Two - Day National Level Interdisciplinary Conference on **“Tourism, Natural Resources and Biodiversity”** organized by Arts and Commerce College, Phondaghat, Sindhudurg on 2nd & 3rd September, 2015”.
3. Dr. Uma Masur (2015) *attended* a National Seminar on **“Advances in Life Sciences”** organized by the Department of Botany, st. Xavier’s college of Arts, Science and Commerce, Mapusa, Goa on 7th and 8th December 2015.
4. Prof. R. V. Patil, Sindhu Poudyal and Ms. Rajavi Naik (2015) along with the students *attended* the UGC sponsored *national seminar* on **“ Comparative and Critical Study of the Philosophical Systems/Movements and Religions”** organized by the Department of Philosophy, Goa University on 30th November, 2015.
5. Dr. Ashish M. Desai and Mr. Yatin P. Desai (2015) *attended* the National Seminar on **“Methods in Experimental Physics”** organized by the Department of Physics, St. Xavier’s College, Mapusa in association with the department of Science and technoplogy, Government of Goa on December 14-15, 2015.

6. Mr. D. Prabakar, Mr. Ian Baretto, Ms. Judith Baretto, Dr. Sameena Falleiro and Ms. Neeta Dhopeswarker (2016) *attended* the National Conference cum Workshop on **“Enhancing Information Technology Education (EITE)”** organised by National Institute of Technology, Goa from 4th to 9th January, 2016.
7. Shri. Narendra G. Rivonkar, (2016) *attended* the UGC sponsored National Seminar on **“Hazardous Effects of Pesticides on Human Beings”** at Raja Lakhmagouda Science Institute (Autonomous) at Belgavi, Karnataka on 23rd January, 2016.
8. Mr. Sachin Moraes and Ms. Freda Antonio Tavares (2016) *attended* an National Seminar Cum Workshop on **“Bridging The Gap-Relationship Building Between Educators And Students”** organized by Don Bosco, Panaji in collaboration with Institute Menezes Braganza and Socrates Foundation on 4th & 5th March 2016.
9. Dr. E. M. Travassos (2015) *attended* two days National Seminar on “The role of MSMEs in the Indian Economy” organized jointly by the Department of Economics and Banking, VVM’s Shree Damodar College of Commerce and Economics and Goa Economics Association on 21st and 22nd March 2016.
10. Mr. Kumares V C, (2016) *attended* the two days 2nd Annual National Level Symposium on **“India IOT”** organized by Entraine Business Services, Bengaluru at Four Seasons Hotel, Mumbai on 22nd and 23rd April, 2016.

State Level: 13

1. Shri N.G. Rivonkar, Dr. G.K.Naik, Dr. Sachin B. Kakodkar and Dr. Sandesh T. Bugde (2015) *attended* a one day symposium on **“Trends in Natural Product Chemistry”** organized by VerGo continuing Education Foundation at Vergo Pharma Research laboratories Pvt. Ltd. Verna, Salcette - Goa on 26th June, 2015.
2. Miss Martina Liza Aguiar (2015) *attended* a One day State level Seminar on **“Goa’s Response to Global Epidemics”** organized by the International Centre Goa in association with the Directorate of Health Services and Indian Medical Association Tiswadi Goa on 27th June 2015
3. Ms. Lee-Anne D’Costa and Ms. Madhavi M. Motankar (2015) along with 17 T.Y.B.Sc. Biotechnology students *attended* a One-day State Level Seminar sponsored by the Department of Science and Technology, Government of Goa on **‘Archaea: Microbes of the Third Domain of Life’** organized by the Department of Microbiology, P.E.S.’s R.S.N. College of Arts and Science, Farmagudi, Ponda on 28th September, 2015.
4. Mr. Sachin S. Moraes (2015) *attended* state level seminar on **“Prevention of Sexual Harassment of Women at work place”** organized by Government College of Arts, Science and Commerce, Marcela – Goa on 07th October 2015.

5. Dr. Sangeeta Sankhalkar along with some Botany students *attended* one day seminar on **“Plants to preserve life and man to preserve plants”** at Home Science College Campal Goa on 27th November, 2015.
6. Mr. V.C. Kumaresh (2015) *attended* a seminar on **“Digital Marketing”** conducted by Mr. Vernon Fernandes from Team Inertia Technologies, Goa organized by our college on 05th December 2015.
7. Dr. G.K.Naik, Dr. Sachin Kakodkar, Dr. Lactina Gonsalves, Dr. Sandesh Bugde and Rohan Kunkalekar *attended* 2nd National Conference on “Emerging Trends in Chemistry and Materials Science-2016” organized by Department of Chemistry Gogte Institute of Technology, Belgavi held at Belgavi on 23rd January, 2016.
8. Ms. Freda Tavares and Ms. Raisa Cardozo (2016) *attended* the Symposium **“Challenge to Restore the Democratic ‘We’ from the invasion of Religious ‘Us’ and Them”** organized by the Apostolate of Inter-Religious-Dialogue in collaboration with the committee for the Apostolate of In-culturation, held at Ravindra Bhavan - Margao on 31st January, 2016.
9. Dr. Ashish M. Desai (2016) *attended* the State level Seminar / conference on **“Dyscalculia and Mathematical Learning Difficulties: Identification, Diagnosis and Intervention”** organized by Goa Dyslexia Association at our college on February 11-12, 2016.
10. Mr. Ian Barreto, Mr. D. Prabakaran, Mrs. Judith Barreto, Mrs. Neeta Dhopeswarkar and Dr. Sameena Falleiro (2016) *attended* a Conference cum Workshop on **“Enhancing Information Technology Education”** organized by NIT, Goa at Farmagudi from 4th to 9th January, 2016.
11. Dr. G.K.Naik, Dr. Sachin Kakodkar, Dr. Lactina Gonsalves, Dr. Sandesh Bugde and Dr. Rohan Kunkalekar (2016) *attended* a Conference cum Workshop on **“Micro Scale Techniques in Chemistry”** organized by The Department of Chemistry of our college and Gogate Jogalekar College, Ratnagiri jointly on 05th March 2016.
12. Dr. Sachin Kakodkar, Dr. Ashish M. Desai, Dr. Sameena Falleiro and Amisha G. Shirodker and Dr. Nandini Vaz Fernandes (2016) *attended* the Interdisciplinary Conference on **“Science, Society and Ethics”** organized by the Department of Sociology of our college in collaboration with Indian Institute of Science and Religion, Delhi and Science and Religion Sangam, Goa held on 9th March 2016.
13. Amisha G. Shirodker, Liza Araujo, Suchitra Bhat, Ms. Shaila Ghanti, Ms. Judith Barreto, Ms. Neeta Dhopeswarkar and V.C. Kumaresh (2016) *attended* a Seminar on **“Strategies for change in the new teaching – learning environment”** organized by the Internal Quality Assurance Cell of our college on 7th April 2016.

B) ATTENDED WORKSHOPS: 28

1. Dr. Nandini Vaz Fernandes, Ms. Socorhina D’Costa (2015) *attended* state level workshop on **“Challenges and Demands of Undergraduate Zoology syllabus”** organized by Zoology department of Govt. College of Arts and Science Sanquelim Goa, on 20th June, 2015.

2. Ms. Suchitra Bhat (2016) *attended* an awareness *workshop* on **“Spoken Tutorials”** conducted by IIT, Mumbai organized by the Department of Computer Science on 1st July 2015.
3. Ms. Ashvaine G. Naik, Ms. Bhavana M. Sawardekar, Ms. Maria Epifania Quadros, Ms. Fiona Andrade, Ms. Anisha Blanch Noronha, Ms. Kalpana D. Borkar, Ms. Sidhali M. Kakodkar, Ms. Doreen C. D'souza and Mr. Deepak S. Bhandari (2015) *attended* a two days workshop on **“Email Etiquettes and Writing of Emails”** organized by Students Support Service (Writing Center) of our College on 21st July, 2015 and 23rd July, 2015.
4. Ms. Raisa Cardozo (2015) *attended* a three days hands-on workshop on **“Digital Story Telling”** for teaching mentors organized by Nirmala Institute of Education, Altinho – Panjim – Goa from 3rd to 5th August, 2015.
5. Mr. Yatin P. Desai and Ms. Malati Dessai (2015) *attended* a National workshop on **“LaTeX for Technical Documentation”** held in the department of Computer Science and Engineering at national Institute of Technology Goa, Farmagudi, Ponda, Goa on 21st and 22nd August 2015.
6. Ms Vanessa. Barros Colaço (2015) *attended* a workshop on **‘Mock Parliament’** at the Goa Legislative Assembly, Porvorim held on 16th December 2015.
7. Ms. Madhavi M. Motankar, Ms. Amisha Shirodker, Dr. G.K.Naik, Dr. Sachin Kakodkar, Dr. Rohan Kunkalekar, Mr. Kashinath Dhumaskar, Dr. Nandini Vaz Fernandes and Shri Royale Fernandes (2015) *attended* the one day Workshop cum training course on **“Drug Discovery Technology - Uncovering the methods of structure based Drug Designing & Protein-Ligand interaction”** organized by Bright ICE & Bio Discovery Group Life Sciences on 15th and 16th January 2016.
8. Dr. Nandini Vaz Fernandes *attended* a workshop on **“Avoiding Plagiarism”** for college faculties organized by Geography Postgraduate department of our college on 20th August, 2015.
9. Dr. Anil Yedage (2015) *attended* a one-day State-Level Workshop on **“E-Enablement of Panchayats”** organized by Department of Geography, Shree Mallikarjun College of Arts and Commerce, Canacona, Goa on 31st August , 2015.
10. Dr. Ashish M. Desai, Dr. Reshma Raut Desai, Ms. Malati Dessai, Mr. Yatin P. Desai, Ms. Placida Pereira, Dr. G.K.Naik, Dr. Lactina Gonsalves, Dr. Sandesh Bugde, Rohan Kunkalekar and Ms. Meghana S. Devli (2015) *attended* the State level workshop on **“Application of X-rays and Neutrons in the study of Condensed Matter”** organized by the IAPT, Goa Regional Council and our College on September 3-4, 2015.
11. Dr. Ompraksha Tripathi (2015) *attended* a workshop on **“Importance of Hindi”** organized by Mormugao Zonal Base of Fishery Survey of India, Mormugao – Goa on 18th September, 2015.
12. Mr. Sachin S. Moraes, Mrs. Rupali Tamuly, Ms. Samantha Coutinho, Chaithali Bhowmick and Ms. Martina Liza Araujo, Ms. Anagha Bicholcar, Mr. Kailas Gokhale and Mr. A. Ashish (2015) *attended* a workshop on **“Data Dissemination”** organized by Directorate of Census Operations, Goa on 29th September, 2015.

13. Ms. Raisa Cardozo (2015), *attended* a workshop on **“Photography and HDSLR Digital Filmmaking”** at Tinai Ecofilm Festival 2015 organized by the department of Humanities and Social Sciences at Birla Institute of Technology and Science-Pilani, K.K. Birla Goa Campus, Goa on 8th & 9th October, 2015.
14. Ms. Nandini Kunde, Mr. Adrian Ferro and Ms. Sharmila Menezes (2015), *attended* a workshop on **“Assistive Technology”** at St. Joseph’s Institute (Primary), Baina, Goa organized by Goa Dyslexia Association on 26th & 27th October, 2015.
15. Mr. D. Prabhakaran, Ms. Anagha Bicholar, R.V Patil and Dr. G.K. Naik (2015) *attended* the workshop on **“Heal-thy Conflict”** on leadership quality by Mr. Pravin Sabnis, Corporate Coach in our College on 29th October 2015.
16. Dr. E. M. Travassos (2015) *attended* the workshop on **“Goa State Water Policy with Special Reference to Climate Change”** organized jointly by Institute for Resource Management and Economic Development, Delhi and Goa Government at the Seminar Hall, Secretariat, Porvorim, Bardez-Goa, on 24th November, 2015.
17. Ms. Liza Araujo (2015) *attended* the workshop on **“Plagiarism and Developing Academic Integrity”** organized by the students support service (writing center) of our college on 25th November 2015.
18. Dr. G. K. Naik (2015) *attended* a Workshop on **“Digital Marketing”** organized by the college on 28th November 2015.
19. Mrs Magnolia Miranda (2015) *attended* workshop on **“Rare Earth and Rare Metal Resources from carbonatites, alkali granites and pegmatites of India, Theory and Practice”** organized by Geological Society of India (GSI) in collaboration with Atomic Mineral Division (AMD) on 16 – 20 December 2015.
20. Mrs. Monica Patil (2015) *attended* a one day training workshop on **“CELA (Cambridge English Language Assessment) examiners”** organized by British Council in Mumbai on 19th December, 2015.
21. Dr. Sindhu Poudyal and Ms. Rajavi Naik (2016) *attended* a Workshop on **“Research Methodology”** organized by our college on 20th January 2016.
22. Mr. Ian Barreto, Mr. D. Prabakaran, Mrs. Judith Barreto, Mrs. Neeta Dhopeswarkar and Dr. Sameena Falleiro (2016) *attended* a Conference cum Workshop on **“Enhancing Information Technology Education”** organized by NIT, Goa at Farmagudi from 4th to 9th January, 2016.
23. Ms. Meghana S Devli (2016) *attended* a Workshop on **‘Open Source and Mobile GIS’** organized by DD Kosambi Chair in Interdisciplinary studies and Department of Computer Science and Technology, Goa University on 23rd January 2016.
24. Mr Malcom Afonso and Ms. Magnolia Miranda (2016) *attended* a Workshop on **‘Global Hydrocarbon Scenario’** organized by the Department of Earth Science, Goa University on 18th March 2016.

25. Ms. Liesel De Silva and Ms. Lee-Anne D'costa (2016) along with 10 T.Y.B.Sc Biotechnology students *attended* a National Wellness Entrepreneurship Workshop on **“OKDAAM – Decoding Traditional and Modern Medicine”** organized by Fr. Agnel College, Pilar Goa on 11th February 2016.
26. Ms. Shaila Ghanti, Dr. Nandini Vaz Fernandes and Dr. Sameena Falleiro (2016) *attended* a Workshop on **“Vision Building”** organized by the college on 30th March 2016.
27. Mr. Kumaresh V.V., Mr. D.Prabhakaran, Dr. Nandini Vaz Fernandes and Dr. Sameena Falleiro (2016) *attended* a Workshop on **“Reviewing the role and responsibility of IQAC”** conducted by Mr. Shirgurkar which was organized by the IQAC of our college on 31st March 2016.
28. Dr. Gunaji S. Desai (2016) *attended* a Workshop on **“Convergence for Panchayat Development”** at Goa International Centre, Donapaula on 11th January 2016.

OTHERS: 08

1. Ms. Sarika Advilkar and Shri Hanumant Chopdekar (2015) along with 28 students *attended* the **“Multilingual Yuva Srujan Meet”** at Institute Menezes Braganza, Panaji on 17th July, 2015.
2. Shri. N. G. Rivonkar(2015) *attended* a lecture on **“Key Formulation and Process Consideration for Multiparticulate Modified Release Dosage Form”** held at Vergo Pharma Reasearch laboratories Pvt Ltd Salcete – Goa on 8th December, 2015.
3. Mr. Eltrin D'Souza (2015) *attended* a **‘Google Educators Group meet’** at Department of Education, Porvorim, Goa, on 30th November, 2015.
4. Zoology Faculties, F.Y., S.Y. and T.Y. B.Sc. students (2016) *attended* the exhibition of **“Aqua Goa Mega Fish Destival”** organized by Directorate of Fisheries, Goa from 7th to 10th January 2016.
5. Dr. Mahadevi Waddar (2016) *attended* a one day talk on **“Reading Instruction, Reading Difficulty and Assessment”** organized by the Goa Dyslexia Association at our College on 2nd February, 2016.
6. Ms. Sobita Kirtani (2016) *attended* a two days talk on **“Dyscalculia and Mathematical Learning Difficulties: Identification, Diagnosis and Intervention”** organized by the Goa Dyslexia Association at our College on 11th and 12th February, 2016

ANNEXURE XI

FACULTY DEVELOPMENT PROGRAMMES, 2015-16

A) REFRESHER COURSES / ORIENTATION: 06

1. Rohan Kunkalekar (2015) *attended a Refresher course* in “**Chemistry**”, conducted by Department of Chemistry, Shivaji University, Kolhapur from 16th November to 06th December 2015.
2. Shri Yatin P. Desai (2015) *attended a Science Academic Refresher course* in “**Experimental Physics**” organized by the department of Physics, Goa University from 13th to 28th May 2015
3. Dr. Ashish M. Desai (2015-16) *attended a Science Academic Refresher course* in “**Application of Quantum Mechanics: Atoms, Molecules and Radiation**” held at the Department of Physics, University of Mumbai from 21st December 2015 to 4th January 2016.
4. Shri Yatin P. Desai (2016) *attended a Science Academic Fifth Refresher course* in “**Materials Preparation and Measurement of Properties**” held at the Indian Academy of Science in Bangalore from 09th to 24th February 2016.
5. Dr. Uma Masur (2016) *attended a Refresher course* in “**ICT (Biological Sciences)**” held from 16th May to 4th June 2016 in EMRC, DAVV.
6. Dr. Sanjay Gaikwad *attended the “92nd Orientation Course”* organized by Human Resource Development Centre (HRDC), Academic Staff College, Goa University from 3rd – 30th June 2015.

B) SHORT-TERM COURSES OF HRDC: 02

- 1) Dr. Hanumant Chopdekar (2015) *attended a 08 days Short Term Course on ‘Communication Skills and Media’* through Academic Staff College, Savitribai Phule – Pune University held at Liknete Venkatrao Here Mahavidyalay, Nasik between 28th September to 03rd October 2015.
- 2) Dr. Nandkumar N. Sawant (2016) *attended the Two-Days Programme on “Leadership”* at Higher Education Leadership Academy, TISS, Mumbai in April 2016.

C) FDP ORGANISED BY THE COLLEGE: 09

1. The College organized an *interactive session* on “**Emerging Teaching and Learning Methodology**” by Shri. V. R. Shirgurkar, former Principal of the College and member of the Governing Council with the faculty on 7th December, 2015.
2. The College organized a programme known as “**Postive Chowgules**” for all the college faculties on 30th April, 2016. The concept and motive was to enhance and share the best practices followed by each department enabling each department to grasp best practices and implement the same for the betterment of the college. Twenty departments participated in this programme.
3. The College along with SCERT, Directorate of Education, Government of Goa and Vidnyan Parishad-Goa organized a *workshop* on “**ICT based learning**” for Higher Secondary Science

teachers on 4th and 5th December, 2015.

4. The College organized week long *workshop on “Executive Development Programme (EDP)”* for Principals across the country from 28th March to 1st April, 2016. It was attended by 35 Principals.
5. The Students Support Service (Writing Centre) organized a two days *workshop on “Email Etiquettes and Writing of Emails”* for the Laboratory Assistants and Secretaries of the college on 21st July, 2015 and 23rd July, 2015.
6. The College organized a *workshop on “Heal-thy Conflicts”* by Mr. Pravin Sabnis, a leading Corporate Coach for all the HODs, as well as for the non teaching staff on 29th October, 2015.
7. Internal Quality Assurance Committee organized a *workshop on “Vision Building”* for the college faculties on 30th March, 2016.
8. Internal Quality Assurance Committee organized a *workshop on “Reviewing the roles and responsibility of IQAC”* for the college faculties on 31st March 2016.
9. The Internal Quality Assurance Cell (IQAC) organized a *Seminar on “Strategies for change in the new teaching – learning environment”* for the faculties of our college and other colleges in Goa on 7th April 2016.

TRAININGS, INDUCTIONS AND OTHER COURSES

FOR FACULTIES BY THE CHOWGULE COLLEGE: 2

1. **2015:** Mr. Ashish, Mr. Adrian Ferro, Ms. Merel D Silva, Mr. Nitesh Ugavekar and Mr. Hemant Pednekar attended Five Days Tier II *Training Course* on “Sustainable Development and Management of Ground Water Resources”, organized by Central Ground Water Board, South Western Region, Bengaluru held at Parvatibai Chowgule College from 12th to 16th October 2015.
2. **2016:** 33 Faculties teaching in First Year of our college attended an *Orientation Programme* on “Academic Audit” on 23rd April, 2016. Dr. E. M. Travassos briefed the faculties about the academic audit.

FOR FACULTIES BY THE OTHER INSTITUTES: 6

1. **2015:** Mr. Rovin Vaz attended National level advanced *Training Workshop* on “Differential Equations – Theory, Computation and Application (NPDE – TCA)” organized by IIT Bombay (Sponsored by DST) and held at BITS – Pilani, K.K. Birla Campus, Goa between 25th May 2015 to 13th June 2015.
2. **2015:** Ms. Madhavi M. Motankar (2015) attended the one day Workshop *cum training course* on “Drug Discovery Technology - Uncovering the methods of structure based Drug Designing & Protein-Ligand interaction” organized by Bright ICE & Bio Discovery Group Life Sciences.
3. **2015:** Mrs. Monica Patil, attended a one day *training workshop* on “CELA (Cambridge English Language Assessment) examiners” organized by British Council in Mumbai on 19th December, 2015.

4. **2016:** Mr. Abhishek Gudekar attended a two weeks ISTE Short Term *Training Program* on “Introduction to Design of Algorithms” organized by IIT, Kharagpur in the Month of May 2016.
5. **2016:** Mrs Magnolia Miranda (2016) *attended field training* under the guidance of Prof. T K Biswal, Department of Geology, IIT, Mumbai organized by the Goa University on 20th – 21st February 2016.

FOR OTHERS (professional, students, employees etc.): 2

1. **2015:** Department of Geography organized a week-long *certificate Course* in Geospatial Technology for Faculty and Researchers from 8th – 13th June, 2015. Ten students from Goa, Ratnagiri and Belgaum participated in the programme. The course basically focused on applied GIS.
2. **2015:** Department of Geography, Parvatibai Chowgule College of Arts and Science (Autonomous) organized a *Winter Training Programme* in ‘Geospatial Technology’ for 24 faculties from Goa, Maharashtra, Karnataka and West Bengal from 16th November, 2015 to 6th December, 2015.



Winter Training Programme in ‘Geospatial Technology’

ANNEXUREXII
RESOURCES PERSONS AND CHAIRPERSONS, 2015-16

FACULTIES AS RESOURCE PERSON:

SN	Resource Person	Activity	Topic on	Organized by/ Venue	Date	Levels
1.	Dr. Nandini Vaz Fernandes, Department of Zoology	workshop on “Challenges and Demands of Undergraduate Zoology syllabus”	Adoption of Choice Based Credit System for UG Zoology Curriculum	Govt. College of Arts and Science Sanquelim Goa	20th June, 2015	State
2.	Ms.Sameena Falleiro, Department of Computer Science	Induction programme for newly joined faculties	CLAAP	College	8 th July, 2015	Institutional
3.	Dr. Sonia Da Costa, Department of English	TYBA project Orientation	Research Methodology	Dean, Faculty of Languages and Literature of our College	21 st July 2015	Institutional
4.	Dr. Nandini Vaz Fernandes, Department of zoology	TYBSc project Orientation	Research Methodology	Dean, Faculty of Science of our College	22 nd July 2015	Institutional
5.	Ms. Sameena Falleiro, Department of Computer Science	All Goa Science Teachers workshop on "ICT based Teaching-Learning"	“Moodle as an ICT Tool for Biology Education” & “Virtual Bio Lab”	Asian Association of Biology Education (AABE), DCT’s Dhempe College of Arts & Science, Miramar, Goa TIFR Mumbai	July 30 th -31 st 2015	National
6.	Ms. Nandini Kunde, Student Support Services	workshop	“Avoiding Plagiarism”	Organized by Postgraduate Department of Geography	20th August, 2015	Institutional
7.	Dr. Nandini Vaz Fernandes, Department of Zoology	Biology students of PVS Sarojini Madhusudhan Kushe Higher Secondary School.	“DNA Fingerprinting’, Human Genome Project’ and Genetic Disorders in Human’	College	21 st August 2016	Regional
8.	Mr. Mahesh P. Matha, Computer Science Dept.	workshop	"Struts 2 Framework"	Organized by Department of Computer Science	29th August 2015	State
9.	Mr. Sachin S. Moraes, Department of Sociology	Data Dissemination workshop	“Data on Religion, Marital Status and Education”	Organized by Directorate of Census Operations, Goa	29 th September, 2015	State
10.	Ms. Madhavi Motankar	Seminar	Scope of Biotechnology for Class XI & XII	At Vidya Vikas Academy, Comba Margao-Goa	27 th November 2015	Regional

11.	Dr. Sameena Falleiro, Department of Computer Science	Delivered a lecture for Sweden-India Exchange Programme	“Educational System in India”	Organized by our college	30 th November, 2015	Institutional
12.	Dr. Nandini Vaz Fernandes, Department of Zoology	Lecture for Swedish delegates	Birding Techniques	Organized by our college	01 st December 2015	Institutional
13.			Impact of Mining Goa		04 th December 2015	
14.	Dr. Sameena Falleiro, Department of Computer Science	Workshop on ICT based Teaching-Learning	“ICT in Education” & “Moodle as an ICT Tool”.	Chowgule College with Vidnyan Parishad, Goa, SCERT, Directorate of Education, Government of Goa	4 th and 5 th December 2015	State
15.	Mr. Abhishek Gudekar, Computer Science Dept.	workshop	“MongoDB – NoSQL Database”	Organized by Department of Computer Science	5 th December 2015	State
16.	Dr. Nandkumar N. Sawant, Principal	Workshop	“Smart City Kolhapur”	Yashwantrao Chavan College, Kolhapur	7th January, 2016	National
17.	Mr. Eltrin D’Souza, Department of English	Train Ponda teachers	“Web Learning and Google Tools”	at GVM's Ponda	7th, 8th & 11th January, 2016	State
18.	Dr. Nandkumar N. Sawant, Principal	Two-Day National	Speakers	Laxmibai Sitaram Halbe College of Arts, Commerce and Science, Dodamarg, Sindhudurg and Parvatibai Chowgule College, Margao, Goa	13th & 14th February, 2016	National
19.	Mr. Anil Yedage, Department of Geography	Workshop on “Application of Geoinformatic Technologies in				
20.	Mr. Sagar Mali, Department of Geography	Geographical Research”				
21.	Dr. Nandkumar N. Sawant, Principal	One-Day National	Speakers	Baba Naik Mahavidyalaya, Kakrud, Maharashtra and Parvatibai Chowgule College, Margao, Goa	11th February 2016	National
22.	Mr. Anil Yedage, Department of Geography	Workshop on ‘Application of Remote Sensing, GIS and GPS in				
23.	Mr. Sagar Mali, Department of Geography	Geography and Research’				
24.	Dr. Sanjay Gaikwad, Department of Geography	Two-day International Conference on “Challenges and Opportunities before 21st Century India in the Fields of	“Planning and Development in India in 21st Century using Geospatial Technology”	Rajarshi Chatrapati Shahu College, Kolhapur	6th & 7th February, 2016	International

		Social Science,				
25.	Mr. Anil Yedage, Department of Geography	National Seminar on Drought Management and Sustainable Development	Speaker	Department of Geography & Economics, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur	25th February, 2016	National
26.	Dr. Nandkumar N Sawant, Principal	Workshop	“Practicals in Climatology and GIS”	Organized by Department of Geography	5 th March 2016	State
27.	Mr. Vishal Malave, Department of Geography					
28.	Mr. Sagar Mali, Department of Geography					
29.	Dr. Gunaji Desai, Department of Konkani	For the staff members of Trade and commerce, Govt. of Goa as Swach Bharat Abhiyan	Cleanliness – Change in Mindset	Organized by Directorate of Industries, Trade and commerce, Govt. of Goa at Vidhyut Bhavan, Panaji		State
30.	Dr. Anil Yedage, Department of Geography	Short term Course	“GIS for Amateurs”	Organized by Gogate-Jogalekar College, Ratnagiri	from 4th to 9th April, 2016.	Regional
31.	Mr. Sagar Mali, Department of Geography					
32.	Dr. Anil Yedage, Department of Geography	Certificate Course	Basics in GIS Technology for Teachers and Researchers	Organized by Department of Geography	from 24 th to 30 th April, 2016	Institutional
33.	Mr. Sagar Mali, Department of Geography					
34.	Dr. Reshma R. Dessai, Department of Physics	Workshop	“Astronomy and Space Study”	Organized by the Physics Department of our college	2 nd May 2016	State
35.	Dr. Reshma R. Dessai, Department of Physics	Honors program	Astronomy and Observational Astronomy	Organized by the Physics Department of our college	Sem III & IV	Institutional
36.	Mr. Kailas Gokhale, Students Support Service	Honours programme	Research methodology	Organized by the Department of Zoology		Institutional
37.	Mr. Sachin Savio Moraes, Department of Sociology	A talk on	“Effective Public Speaking	Majorda Parish Youth Association	2 nd August 2015.	Regional

38.	Shri Harish S S Nadkarni, Department of Geology	talk on	“Career Guidance”		3 rd March 2016	Institutional
39.	Ms. Kavita Borker Department of Psychology	talk on	“Empower the girl child” for the women of slum area of Mangoor Hill, Vasco	Lion’s Club o	26th July, 2015.	Regional
40.	Ms. Sobita Kirtani Department of Psychology	talk on	“Communication across cultures”	for the NSS volunteers of the North Eastern region of India	15th December, 2015	Institutional
41.	Ms. Rupali Tamuly, Department of Economics – <i>Guest Speaker</i>	deliver a talk for school teachers	“Use of ICT in classroom teaching”	at Shree Damodar Vidyalaya High School, Loliem – Canacona	13 th June, 2015	Regional
42.	Dr. Devashish Bagchi, Physical and sports Department - <i>Guest Speaker</i>	a talk	“Youth and Sports”	Organized by Aga Khan Social Network’s Youth Café at Margao.	2nd August, 2015	Regional
43.	Dr. Devashish Bagchi, Physical and sports Department - <i>Guest Speaker</i>	deliver a talk	“Women empowerment through Sports”	Department of Psychology at Parvatibai Chowgule College of Arts and Science	27th August, 2015	
44.	Ms. Rupali Tamuly, Department of Economics	Data Dissemination workshop	<i>Speaker</i> “Analysis of Data of Population attending Education in Goa State”	Organized by Directorate of Census Operations, Goa	29 th September, 2015	
45.	Shri Hanumant C. Chopdekar- <i>Guest Speaker</i>	Panel Discussion	“Language and Early Education in Goa: Burning issue of Medium of Instruction”	Organized by Department of Sociology	11th September, 2015	

FACULTIES AS KEY, PLENARY SPEAKERS:

SN	Speakers/chief guests	Activity	Talk on	Organized by/ Venue	Date	Levels
1.	Dr. Nandkumar N Sawant, Principal & Head, Department of Geography and Research Center	National Conference on ‘Tribal Empowerment in Rural India: Efforts, Implementation and Challenges’	<i>Keynote Speaker</i> “Change and Continuity in Tribal Rural India”	organized by Department of Geography, Government PG College, Baran, Rajasthan	26 th -27 th August, 2015	National
2.	Dr. Nandkumar N. Sawant, Principal -	National Level Interdisciplinary Conference on	<i>Plenary Speaker</i> “Attitudes and Perceptions of	Organized by Arts and Commerce College,	2 nd & 3 rd Sep - tember,	National

		“Tourism, Natural Resources and Biodiversity	local Residents and Tourists towards Tourism in Goa”	Phondaghat, Sindhudurg	2015	
3.	Dr. Nandkumar N Sawant, Principal - <i>Chief Guest &</i>	International Seminar/Conference on “Literature, Language, Culture and Tourism”	<i>Keynote Speaker</i> “Tourism and Socio-cultural Impacts – A Perceptive Study”	At Goa International Center, Dona Paula by Ramakrishna More Arts, Commerce and Science College, Akurdi, Pune	18 th October, 2015	International
4.	Dr. Nandkumar N Sawant, Principal	Symposium on “Challenge to Restore the Democratic We from the Invasion of Religious Us and Them”	<i>Speaker</i> “Mapping, Place, Nexus, Religion and Politics – A Perspective of I, We and They”	organized by Committee for the Apostolate of Religious Dialogue and Committee for Inculturation, Archdiocese of Goa and Daman	31st January, 2016	State
5.	Dr. Nandkumar N Sawant, Principal	One Day State Level Seminar on “Recent Trends in Geography”	<i>Chief Guest and speaker</i> “Making Social Geography Research Relevant to Contemporary Issues”	organized by Dr. D.Y.Patil Arts, Commerce and Science College Pimpri, Pune	6th February, 2016	State


FACULTIES AS CHAIRPERSONS:

SN	Chairperson	Activity	Date
1.	Dr. Nandkumar N Sawant, Principal	for the Technical Session XXVI: Urbanization and Urban Sprawl on 6th November, 2015 at the Eighth International Geographical Union Conference on "Land-use, Water, Climate and Urban Health in Changing Urban Environment" organized by Department of Geography, SNDT Women's University, Pune Campus	From 4th - 6th November, 2015.
2.	Rupali Tamuly, Department of Economics	the session on “Human Development Index and Inclusive Development: an Alternative Approach” at the National Seminar on ‘Inclusive Growth: An Opportunity with Challenges’ Sponsored by University Grants Commission, New Delhi, organized by Department of Economics, S.R.K. (P.G.) College, Firozabad	12th & 13th December, 2015
3.	Dr. E. M. Travassos, Vice Principal, Dean-faculty of Social Sciences & Head of Department of Economics	the first Technical Session at the two day National Seminar on "The Role of MSMEs in the Indian Economy" organized jointly by the Department of Economics and Banking, VVM's Shree Damodar College of Commerce and Economics and the Goa Economic Association	21st & 22nd March, 2016

ANNEXURE XIII

GUEST AND VISITING FACULTIES IN THE COLLEGE, 2015-16

VISITING FACULTIES			
SN	Names	Title Of Lecture/Paper	Department/s
1.	Dr. Philip Mascarenhas	Clinical Pathology and Histo - Pathology	P.G.D.C.G.M.L.T
		Hematology and Transfusion Medicine	
2.	Dr. Philip Mascarenhas	Clinical Bio-Chemistry I & II	
3.	Dr. B.D. Mishra	Vishesh Rachanakar Agye	M.A. Hindi
4.	Prof. Umashankar Upadhyay	Bhashavigyan	
5.	Dr. Sonia Sirsat	Hindi Sahitya Ka Itihas (Adikal, Bhaktikal evam Ritikal)	
		Patrakarita Evam Jansanchar Madhyam	
6.	Ms. Archana Gaitonde	Prachin evam Madhakalin kavya	
		Bhasha Vigyan	
		Hindi Sahitya Ka Itihas (Adikal, Bhaktikal evam Ritikal)	
		Vishesh Rachanakar Agye	
		Dalit Vimarsh	
7.	Shri Sandeep Lotlikar	Vishesh Vidha: Kahan	
		Adhunic Kavya	
		Hindi Shahitya Ka Itihas: Aadhunic Kal	
		Vishesh Rachanakar Agye	
8.	Dr. Ramita Gurav	Dalit Vimarsh	
		Vishish Vidha: Upannayas	
9.	Dr. Brijpal Singh Gahaloth	Vishesh Rachanakar Agye	
		Hindi Shahitya Ka Itihas: Aadhunic Kal	
		Adhunic Kavya	
10.	Dr. Isharat Khan	Bhasha Vigyan	
		Vishish Vidha: Upannayas	
11.	Dr. Rishikesh Mishra	Vishesh Rachanakar Agye	
		Hindi Sahitya Ka Itihas (Adikal, Bhaktikal evam Ritikal)	
		Hindi Shahitya Ka Itihas: Aadhunic Kal	
		Patrakarita Evam Jansanchar Madhyam	
12.	Shri Mitendra Alve		
13.	Shri Manish Kumar		
14.	Dr. Sanjeev Dubey	Bhasha Vigyan	
15.	Dr. Satish Pandey		
16.	Dr. Vinod Kumar Bhardwaj	Political Geography	M.A. Geography

GUEST FACULTIES			
SN	Names	Guest Lecture/s	Department/s
1.	Dr. Raymond Duraiswamy , Associate Professor, Department of Geology, Savitribai Phule Pune University	“The Deccan Traps” (dt. 24 th July, 2015) “The Indus Ophiolite Belt from the Himalayas” (dt. 24 th July, 2015)	Geology
2.	Dr. Savita S. Kerkar , Professor, Department of Biotechnology, Goa University	“Scope, Prospects and Applications of Biotechnology” (dt. 25 th July, 2015)	Biotechnology
3.	Dr. R. Raj Rao , eminent writer, Professor and Head of Department of English, Savitribai Phule Pune University	“Gender and Sexuality” under the ‘Talking Tree Lecture Series’ (dt. 1 st October, 2015)	English
4.	Dr. V. K. Tiwari , Principal Scientist C.I.F.E. University (ICAR) Versova Mumbai	“Fishery and Aquaculture potential in Goa” (dt. 28 th November, 2015)	Zoology
5.	Dr. R. Raj Rao , eminent writer, Professor and Head of Department of English, Savitribai Phule Pune University	A talk on "Representation of Gender and Sexuality in Literature" under the ‘Talking Tree Lecture Series’ (dt. 6 th February, 2016)	English
6.	Dr. Sheo Mohan Singh , Organizer & Director of ICSCCB, Pune	“Role of Biotechnology in stem Cell and cancer Biology” (dt. 03 rd March 2016)	Biotechnology
7.	Dr. Dattesh Parulekar , Faculty of Security Studies, Administration and Governance Unit, John Naisbitt University, Belgrade, Serbia; Institute for Transnational Studies, Germany; Centre for Latin American and International Studies, Goa University	“The Rise of USA as a Global Power” (dt. 14 th March 2016)  <i>Guest Lecture in History on “The Rise of USA as a Global Power”</i>	History
8.	Dr. Thamban Meloth , Scientist and Programme Director at the National Centre for Antarctica and Ocean Research (NCAOR), Ministry of Earth Sciences.	‘Poles are not Poles apart’ (11 th September 2015)	Geology (Nebulites club)

ANNEXURE-XIV
AWARDS & ACHIEVEMENTS, 2015-16

THE COLLEGE AWARDS

1. The college magazine, “Vidya (2014-15)” was awarded the ‘Best College Magazine’ by Damodar College on 7th February, 2015. The editorial team was editor Ms. Rupali Tamuly and co-editors Ms. Sarika Advilkar, & Mr. Andrew Barreto.

AWARDS:

FOR FACULTIES

S.N	Date / Year	Faculties	Department	Awards	Remarks
1.	25 th August, 2015	Dr. Sanjay Gaikwad	Geography	Contributions in research and consultancy	On Founder's Day
2.		Mr. Sachin Moraes	Sociology	‘Best Teacher’ In Extra Curricular Activities For Students	

FOR SUPPORTING STAFF

S.N	Date/ Year	Supporting Staff	Department	Awards/ Achievements	Remarks
1.	25 th August, 2015	Shri. Anirudh G. S. Kunde	Accounts	Excellence in general administration and accounts	On Founder's Day
2.		Shri. Shekhar D. Gaude		Best Support Staff	

ANNEXURE -XV
RESEARCH PROJECTS

MAJOR RESEARCH PROJECTS

S.N.	Title of the project	Year	Sponsored by	Amount		Status
				Sanctioned	Received	
1.	Ref:- 02-147/2011-RP Title:- "Goa: Tourism & Socio-Cultural Implications, A study of selected Tourist destination of south Goa"	2012-15	ICSSR	539650	502000	Completed
2.	Ref:- NO.SB/YS/LS-244/2013 Title:- "Heavy metal bioaccumulation and genotoxicity studies of fishes exposed to mining effluents in Goa"	2014-17	(SERB) DST	1310000	900000	On going

MINOR RESEARCH PROJECTS

S.N.	Title of the project	Year	Sponsored by	Amount		Status
				Sanctioned	Received	
1.	Ref:-23-2248/10 (WRO) dtd. 22/2/2012 Title:- Regional Goan Writers writing in English	2012-15	UGC	90000	75000	Completed
2.	Mesoscopic Structural Investigation on Magnetic Porous Materials by SANS (CRS-M-218)	2016-18	UGC DAE CRS Mesoscopic	45000	45000	On going

ANNEXURE XVI
SPORTS

NATIONAL LEVEL

Sr No	Discipline	Event	Number Of Participants	Medals
1	Saili Kakodkar Shotokan Karate Championship	National Level	1	1
2	Shahjad Ahmed Shaikh Karate Championship	National Level	1	1
3	Sanjula Naik Cricket U 19	National Level	1	--
4	Sanjula Naik Cricket U 23	National Level	1	--
5	Sanjula Naik Senior State Team	National Level	1	--
6	Vinavi Gurav Cricket U 23	National Level	1	--
7	Vinavi Gurav Senior State Team	National Level	1	--
8	Sanjula Naik Goa University Team	National Level	1	--
9	Sanjula Naik Senior Women T20	National Level	1	1
10	Samar Dubhashi U 23 Cricket	National Level	1	--
11	Samar Dubhashi U 25 Cricket	National Level	1	--
12	Samar Dubhashi Senior T20 Cricket	National Level	1	--
13	Samar Dubhashi Goa University Cricket	National Level	1	--
14	Mahesh Rao Goa University Cricket	National Level	1	--
15	Vaishnav Pednekar Goa University Cricket	National Level	1	--
16	Amanda Fernandes Senior Women Basketball	National Level	1	--
17	Aanchal Verlekar Senior Women Table Tennis	National Level	1	--
18	Alifa B Khan Senior Women Tae Kwon Do Championship	National Level	1	--
TOTAL			18	3

STATE LEVEL

Sr No	Discipline	Event	Number Of Participants	Medals
1	Athletics	GU IC	18	1
2	Badminton	GU IC	10	--
3	Basketball	GU IC	44	36
4	Chess	GU IC	6	--
5	Cricket	GU IC	16	16
6	Cross Country	GU IC	9	--
7	Cycling	GU IC	7	--
8	Futsal	GU IC	10	10
9	Football	GU IC	36	--
10	Handball	GU IC	10	--
11	Hockey	GU IC	32	--
12	Judo	GU IC	1	1
13	Powerlifting	GU IC	10	--
14	Swimming	GU IC	2	--
15	Table Tennis	GU IC	10	5
16	Teakwondo	GU IC	15	18
17	Tennicoit	GU IC	5	--
18	Tennis	GU IC	6	--
19	Volleyball	GU IC	12	12
20	Archery Parshuram Chavan	State Championship	1	2
21	Tae Kwon Do Alifa Khan Anushka Parab Savitha Telgi	State Championship	3	3
TOTAL			263	104

GU IC : Goa University Inter Collegiate

ANNEXURE XVII
INTERNSHIP DETAILS

Sr. No.	Name of Organisation	No of Interns	Location	Type of Company
1	Mothercare Chikitsa Hospital	1	Margao	Heathcare
2	Karelabs / Medizest Pvt Ltd.	2	Verna	Chemical Company
3	City Hospital	2	Margao	Healthcare
4	Apollo Victor Hospital	5	Margao	Healthcare
5	NV Eco Farm	10	Kirlpal Dabhal	Eco Tourism
7	Cooj	1	Bastora Mapusa	NGO - Mental Health Foudation , Suicide Prvention
8	Tara Trust	2	Benaulim	NGO - Children and Women Empoernment using Creative workshops
9	Cycling zens	3	Assagao , CIBA	Cycle Rental Company
10	Open Seeds , Green Essentials	4	Assagao, CIBA	Organic Farming
11	Satyam Chemicals	2	Margao Iddustrial Estate	Chemical Company
12	Cinnamonteal	2	Margao	Self Publishing
13	Make it happen	1	Panjim	Travel and Tourism
14	Plugzee	1	Panjim	Blueooth Technology Device Manufacturer
15	Armada	1	Lotoloim	Liqueur manufacturer
16	Hospicio Hospital	3	Margao	Healthcare
17	Zyodus Cadilla	3	Kundaim	Parmaceutical
18	GIPARD , Anagha Madam Rural Development	28	Mollem Village	Gepgraphical Survey and teaching
19	D Art of Science	4	Margao	Youtube Content Development
20	Reynold Weddings	2	Verna	Wedding Planners
22	Sethu	1	Altinho Panjim	NGO- Centre for Child development
23	Sangath	2	Porvorim	NGO - Mental heath care
24	Aximsoft (Infiswift , Calif)	5	Chennai	Technology Development Company, Internet of Things
25	Planet Goa	0	Panjim	Goa Premiere Magazine for events , adventure, stay etc.
26	Goa prism	0	Panjim	News Media
27	FC Goa	0	Panjim	Football Club
28	Red Bull	0	Margao	Energy Drink
29	Perfect Relations	0	Panjim	PR Agency
30	Imagine Works	1	Margao	IT Company , webdesigning, digital marketing
31	Kaavay	0	Margao	IT company , digital marketing
		Total 87 Students		

ANNEXURE XVIII

AN ANALYSIS OF THE FEEDBACK FROM STAKEHOLDERS

A form in the format (displayed below) was prepared and a manual feedback on the same was collected from 31 companies in Goa who range from diverse fields like ranging from start ups, pharmaceuticals, hospitals and also governmental organizations. The objective of this feedback was to know the kind of job profile and skills offered and desired by the companies.

An analysis of the feedback obtained revealed that overall the companies were satisfied with the students performance. However, they suggested that the students need to develop social media marketing and multimedia skills. The students also need to improve writing skills. The results of this feedback were shared with the faculty from all departments so that they can incorporate these suggestions while framing the curriculum in their respective subjects.

FEEDBACKS FROM INTERNSHIP COMPANIES ABOUT THE INTERNS FROM OUR COLLEGE

S.N	Name of Companies	Type of Company	No. of Interns	Job profiles / skills required	Feedback and Suggestions
1	Cyclingzens, Dceper, Goa.me, Numadic, Leiansis, D Arts of Science, Armada, Make it Happen Thrills, Plugzee, Open Seeds	Startups (10)	20	Content writing, Youtube content development , Report writing , blogging, Promotions, Social media marketing	Need good content writing skills, better designing skills using softwares such as coral draw and Photoshop, better Social Media Marketing and Search Engine Optimisation skills.
2	Sanofi, Mabpharm, Medizest, Zydus Cadilla, Satyam Chemicals	Pharmaceutical companies (5)	15	Observations and report writing in Quality Control and Quality Assurance	Satisfactory.
3	NV Eco farm	Eco Farm Development Project (1)	10	Social Media Marketing, Photography and Videography	Better Multimedia Skills, Good Knowledge of Online channels like Facebook, instagram , twitter, linked in
3	Mothercare, Hospicio, Apollo victor, City Hospital	Hospitals (4)	13	Nursing, Administration , lab work	Satisfactory.
4	Imagine Works, Kaavay	IT company (2)	5	Programming, web designing, app development	Satisfactory.
5	Goa Institute of Rural development and Administration	Govt Organisations of Goa (1)	28	Survey in Mollem Village to do mapping for skill based courses for the villagers.	Satisfactory
6	Green Essentials, Cinnamonteal, Carpe Diem, reynold Weddings, Earthlings, Aximsoft	Others (Urban Forest Project, Self Publishing , Art gallery , Event mgt, IOT, Organic Store) (6)	10	Blogging, Editing, Reporting , event planning	Better Reporting and writing skills, event managemnet skills, ability to take decisions and work without much guidance
7	Tara Trust	NGO (1)	2	Workshop Assistant/ volunteers, Coordination skills,	Lack in Proactiveness, drive to take responsibility.
		Total (31 Organizations)	103		