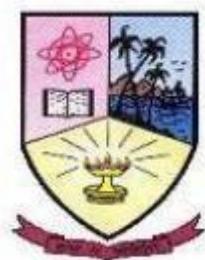


DCT's  
**Dhempe College of Arts & Science**  
Miramar, Panaji, Goa



**The Annual Quality Assurance Report (AQAR)**

**2016 - 2017**

**NAAC Track ID :GACOGN10088**

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

## Part – A

AQAR for the year

2016-17

### 1. Details of the Institution

Name of the Institution

D.CT's Dhempe College of Arts & Science, Miramar, Panaji-Goa

Address Line1

Post Box No.222,

Address Line2

Miramar, Panaji-Goa

City/Town

Panaji

State

Goa

Pin Code

403001

Institution e-mail address

principal@dhempecollege.edu.in  
dhempe@rediffmail.com

Contact Nos.

0832-2462376/2461507

Name of the Head of the Institution

Dr. Vrinda P Borker

Tel. No. with STD Code

(0832) 2462376 / 2461507

Mobile

09822129669

Name of the IQAC Co-ordinator

Dr. Shilpa Samant

Mobile

+919422448557

IQAC e-mail address

iqac@dhempecollege.edu.in

NAAC Track ID

GACOGN10088

NAAC Executive Committee No. &Date:

EC(SC)/09/A&A/6.3 dated 14.9.2015

Websiteaddress:

http://www.dhempecollege.edu.in

Web-link of the AQAR:

www.dhempecollege.edu.in/AQAR201516.pdf

AccreditationDetails

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	***	----	2000	2000-2005
2	2 <sup>nd</sup> Cycle	B+	----	2003	2003-2008
3	3 <sup>rd</sup> Cycle	A	3.12	2010	2010-2015
4	4 <sup>th</sup> Cycle	A	3.20	2015	2015-2020

Date of Establishment of IQAC:

DD/MM/YYYY

01/07/2003

InstitutionalStatus

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  Not applicable  
 (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

Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (PhysEdu)   
 TEI(Edu)  Engineering  Health Science  Management  Others

Name of the Affiliating University

Goa University

**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-FIS	-
UGC-Innovative PG programmes Any other (Specify)	-		-
UGC-COP Programmes	-		

**2. IOAC Composition and Activities**

No. of Teachers	6			
No. of Administrative/Technical staff	3			
No. of students	2			
No. of Management representatives	-			
No. of Alumni	1			
No. of any other stakeholder and community representatives (NGO)	1			
No. of Employers/Industrialists	1			
No. of other External Experts	-			
Total No. of members	13			
No. of IQAC meetings held	3			
No. of meetings with various stakeholders:	No.	01	Faculty	2
Non-Teaching Staff	---	Alumni	Others	
Students				

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**Has IQAC received any funding from UGC during theyear?**

Yes

No

If yes, mention the amount

--

**Seminars and Conferences (only qualityrelated)**

**(i) No. of Seminars/Conferences/ Workshops/Symposia organized by theIQAC**

Total Nos

International

National

State

Institutional Level

01

**(ii) Themes**

A workshop on Academic Performance Index and importance of research in academics was conducted for faculty members on 2<sup>nd</sup> February, 2017

## Significant Activities and contributions made by IQAC

- IQAC Convenor and the Principal attended a National Seminar at Birla College, Kalyan, where inputs regarding fourth cycle of Re-accreditation were gathered. In light of this, a meeting to appraise HoDs with requisite steps to be taken by Departments towards setting benchmarks was held. Departments were encouraged to employ cutting-edge techniques in pedagogy and direct academic endeavours towards holistic development of students.
- A meeting of permanent staff members was organized by IQAC, in which a ready reckoner showing the progression of the College from 2010-2015 was provided. Faculty members were asked to peruse the document towards a two-tier objective:
  - (a) To provide feedback as to whether they were satisfied with the rating given by NAAC Peer Team
  - (b) To provide suggestions, road-maps and action-plans in order to enhance the quality of teaching- learning

### Following Suggestions made by IQAC were compiled

#### General Suggestions

##### Steps to be taken by faculty members:

- Make classes student-friendly by encouraging active participation in academics through involvement in discussions and deliberations.
- Help students develop and hone presentation skills by making them use MS PowerPoint for assignments.
- Encourage students to take up environment-related issues and awareness programmes.
- Motivate students to write research articles based on their Third-Year project work.
- Implement a systematic mentoring programme by having an informative session on mentoring and its importance at the beginning of the year.
- Motivate students to take help of College Counselor in case of need.
- Facilitate peer learning and group dynamism among the students with a view of inculcating values of cooperation and healthy competition among them.

##### Specific Actions taken by the Conveners/HoDs

- Various personality enhancement programmes related to presentation skills, social and environment awareness were conducted by various departments and conveners.
- Entrepreneurship development exhibition and food festival was held to develop group dynamism, cooperation and organization skills.
- A part of the profit earned by sale of goods by students under entrepreneurship exhibition was given to orphanage to inculcate the spirit of social responsibility among students.
- A Workshop on 'Writing Research Articles' was conducted for students of TYBSc and BA.
- Awareness among students with regard to environment protection and preservation was created by providing orientation to the 'student green ambassadors' under Green campus policy of the college.
- Various departments made efforts to reduce use of papers by asking students to email their assignments rather than submitting hard copies.
- Several programmes were organized under gender sensitization, prevention of sexual harassment and career counseling for students. Departments also conducted sessions oriented towards apprising students with job opportunities and scope for higher studies.
- Students are encouraged to prepare research articles based on their Third Year project and present them at conferences and/ or publish them.

## 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

### FACULTY OF ARTS

Plan of Action	Outcome
<p><b>Economics</b></p> <ol style="list-style-type: none"> <li>1. To organize various programmes under Economics forum and PEP.</li> <li>2. To conduct minor research after receiving grants from the UGC.</li> <li>3. To conduct major research after receiving grants from UGC.</li> <li>4. To organize a Two Day National Level Conference sponsored by UGC.</li> <li>5. To organize field trip and Industrial Tour for third year Economics students.</li> </ol>	<p><b>Economics</b></p> <p><b>Programmes organized under Economics Forum:</b></p> <ol style="list-style-type: none"> <li>1. Videos on 'Writing Research Article' shown to TYBA Economics students.</li> <li>2. Logo Design competition</li> <li>3. Advertisement making</li> <li>4. Quiz on 'Fundamentals of Economics'</li> <li>5. Visit to the Customs Museum.</li> <li>6. Online Trading for Students of TYBA</li> <li>7. Local Field Trip was organized to a Local Pisciculture Farm.</li> </ol> <p><b>Programmes organized under PEP</b></p> <ol style="list-style-type: none"> <li>1. Video on 'Entrepreneurial Business Plan.'</li> <li>2. Environmental local field trip</li> <li>3. Organized Personality Development Programme.</li> <li>4. Presentation on Career in Economics</li> </ol> <p><b>Programme organized by Entrepreneurship Cell</b></p> <ol style="list-style-type: none"> <li>1. Exhibition cum Sale 'A Thousand Shades of Talent' for college students.</li> <li>2. Extension activity under 'Women Entrepreneurship' for women of Penha De Franca village.</li> <li>3. Talk on 'Successful Entrepreneurship' by an entrepreneur Mr. Nikhil Divekar.</li> </ol>
<p><b>English</b></p> <ol style="list-style-type: none"> <li>1. To organize a National Conference (subject to sanction from UGC/other bodies).</li> <li>2. To undertake a Minor Research Project.</li> <li>3. To screen movies pertaining to syllabi and those eliciting debate and discussion.</li> <li>4. To invite authors and experts to interact with students of Literature and Journalism.</li> <li>5. To take students to other institutes to present papers and attend Seminars and Lectures.</li> <li>6. To organize one Non-conventional course Value Added Course.</li> <li>7. To host a quiz and one inter-class literary festival.</li> <li>8. To conduct Workshops for students (on topics such as Drama and Translation).</li> <li>9. To take students for field trips.</li> <li>10. To engage in community service using literary tools like drama and poetry.</li> </ol>	<p><b>English</b></p> <ol style="list-style-type: none"> <li>1. A Four-Day workshop titled, 'Writing a Research Paper' was coordinated and an extended training programme was held for faculty members of the Institution.</li> <li>2. Syllabus and concept-based movies such as <i>Othello</i>, <i>Merchant of Venice</i>, <i>A Doll's House</i>, <i>Life is Beautiful</i> under the aegis of the Movie Club were shown to students.</li> <li>3. The intra-college poetry writing competition, 'Versification' was organised and Alumnus Vandana Sardesai was invited to judge the event.</li> <li>4. A Two-Day Workshop titled, 'Creativity has no finish line' was organised with leading media personalities as Resource Persons.</li> <li>5. A talk on 'Goan Heritage' by noted historian.</li> <li>6. Conducted a workshop on 'Drafting Formal Letters for Official Correspondence' for non-teaching staff.</li> </ol>
<p><b>History</b></p> <ol style="list-style-type: none"> <li>1. To organize an Internship program for T.Y.B.A.</li> </ol>	<p><b>History</b></p> <ol style="list-style-type: none"> <li>1. Organised a visit to Indian Customs and Excise Museum for students.</li> </ol>

<ol style="list-style-type: none"> <li>2. To conduct a Non-Conventional course.</li> <li>3. To organise Workshops</li> <li>4. To conduct talks, study tours, heritage trails and walks.</li> <li>5. To conduct a quiz competition</li> </ol>	<ol style="list-style-type: none"> <li>2. Organised a talk-cum-presentation on 'Introduction to Numismatics' for students.</li> <li>3. Organised a talk-cum-presentation on 'Introduction to Archaeology'.</li> <li>4. Coordinated a Collage display and Poster Competition on the theme 'Save Our Environment'.</li> <li>5. Organised the Kushawati Heritage Trail and covered Historical-heritage sites .</li> <li>6. Organised Study Tour to Agra, FatehpurSikri&amp; Rajasthan.</li> <li>7. Conducted Miramar-Donapaula Heritage Walk of the historical sites of Miramar for students.</li> <li>8. Observed the Golden Jubilee of the Historic Opinion Poll at the Statue of Jack de Sequeira at NIO Circle, Donapaula, Goa.</li> <li>9. Conducted Old Goa Heritage Walk.</li> <li>10. Prepared students to NDTV programme for an interactive programme with the Chief Minister of Goa.</li> <li>11. Organised Shaheed Diwas by inviting a resource person to deliver a talk on Bhagat Singh, Sukhdev&amp;Rajguru.</li> </ol>
<p><b>Indian Languages</b></p> <ol style="list-style-type: none"> <li>1. To screen plays such as Zamle re Zamle, O Bai, Mixing Fixing for SYBA Konkani Allied to Major students, play "Raigadala gehvha zaag yete" for FYBA Marathi Major students, "Harishchandrachi factory" film for TYBA Hindi students, "Aleesha", "O Maria" films for TYBA Konkani students.</li> <li>2. To organize "Hindi day".</li> <li>3. To participate in Konkani Youth Literary Convention.</li> <li>4. To participate in "Goa Yuva Mahotsav".</li> <li>5. To participate in Marathi Shekoti Literary Convention.</li> <li>6. To conduct a Short term Certificate Course in Unicode "Mangal" Devanagari Font.</li> <li>7. To conduct a Certificate Course in Marathi Journalism.</li> </ol>	<p><b>Indian Languages</b></p> <ol style="list-style-type: none"> <li>1. Organised a Programme to commemorate the Birth Anniversary of the Father of Konkani Literature Shennai Goemab wherein a Documentary was screened followed by some of the selected extracts from the books penned by him were read out.</li> <li>2. Organised Screening of the Konkani movie 'Digant' and had an interactive talk by the director of the film.</li> <li>3. Organised Poetry recital programme by Joglekar&amp; group.</li> <li>4. Organised one day workshop on 'Shuddhalekhan' for our students.</li> <li>5. Organised Screening of the Konkani Play 'O Bai'.</li> <li>6. Screened the Konkani Movie 'Jamle re Jamle'.</li> <li>7. Coordinated an Essay Competition on the theme ' Pruthvi Bachao, Jeevan Bachao'.</li> <li>8. Screened the Hindi movie 'Gaban' based on the novel penned by Munshi Premchand.</li> <li>9. Organised a Poster Making Competition on the theme ' Save Earth, Save Man'</li> <li>10. Organised a programme to commemorate the International Mother Tongue where students gave a talk/recited poems in their mother tongue.</li> </ol>
<p><b>Philosophy</b></p> <ol style="list-style-type: none"> <li>1. To organise Dhempe Food Festival</li> <li>2. To undertake Community service at Mother Teresa (Missionaries of Charity), Peace Haven, Hamara school .</li> <li>3. To organise Study trips</li> <li>4. To hold Guest lectures</li> <li>5. To screen Movies</li> </ol>	<p><b>Philosophy</b></p> <ol style="list-style-type: none"> <li>1. Students presentations on 'relevance of Gandhi's philosophy in modern times'</li> <li>2. Talk on 'leadership' by N.G.O Universal Peace Federation of India.</li> <li>3. A Talk on computer courses by 'bright future.com'.</li> <li>4. A talk on 'the problems of youth in India and</li> </ol>

<ol style="list-style-type: none"> <li>6. To organise Debates</li> <li>7. To conduct Students' presentations</li> </ol>	<p>task ahead by all India Democratic Youth organization.</p> <ol style="list-style-type: none"> <li>5. Exhibition on 'wealth from waste'.</li> <li>6. Debate on 'should Euthanasia be legalized'.</li> <li>7. Debate on 'should abortion be allowed-with reference to female feticide'.</li> <li>8. Organized Dhempe Food Festival.</li> <li>9. Debate on 'should animal experiments be permitted?'</li> <li>10. Group discussion on relevance of human experiments.</li> <li>11. Day long programme for on Education Risk Management by Akademia Educational Trust Mumbai.</li> <li>12. Participated for the inter-Religious meet, organized by the patriarchal Seminary of Rachol.</li> <li>13. Faculty and Students participated in the symposium organized by committee for the Apostolate of inter-Religious Dialogue and committee for Inculturation ,Archdiocese of Goa and Daman at Ravindra Bhavan, 'Identity Politics' in making of conflict on confluence.</li> <li>14. Talk on 'prevention of cervical cancer'.</li> <li>15. Screened video on 'evolution of earth and human as a part of nature'.</li> <li>16. Talk on 'suicide prevention'.</li> <li>17. Conducted survey on 'ecological crises in and around Panaji.</li> <li>18. Organized a street play Awareness programme on garbage issues in Goa, students participated.</li> <li>19. Organized a trip to 'organic farm' Taleigao-Goa .</li> <li>20. Talk on 'status of women in modern times' on the occasion of Women's Day.</li> </ol>
<p><b>Political Science</b></p> <ol style="list-style-type: none"> <li>1. To organise Elocution Competition</li> <li>2. To hold Debates</li> <li>3. To screen documentary</li> <li>4. To organise Poster-Making</li> <li>5. To hold Quiz</li> <li>6. To undertake Field Trips</li> <li>7. To organise visit to Goa Legislative Assembly</li> <li>8. To hold Consumer Awareness Forum</li> <li>9. To facilitate participation in Mock Parliament</li> <li>10. To facilitate participation in Open Day organized by Department of Political Science, Goa University.</li> <li>11. To organise National Seminar</li> </ol>	<p><b>Political Science</b></p> <ol style="list-style-type: none"> <li>1. Elocution/Quiz Competition on the Topic- There is no alternative to Democracy'.</li> <li>2. Debate was organized on 'Corruption'.</li> <li>3. Screening of Documentary on 'ORV Sagar Kanya Research ship' for the students.</li> <li>4. Poster-Making on the topic of 'RTI Awareness' was done by students under PEP programme.</li> <li>5. Organized the Field Trip to Raj Bhavan, Dona Paula.</li> <li>6. Visit to Goa Legislative Assembly to explain the working of the State Assembly to students.</li> <li>7. Consumer Awareness under the Political Science Forum was organized by students.</li> <li>8. A Video Film on Tsunami Buoy operation for earthquake triggered Tsunami early warning system on the floor of Indian Ocean was shown to the students and staff of the college.</li> <li>9. A presentation on Biodiversity by <b>TERI</b> Group was organized for students and staff.</li> <li>10. A Street Play was organized by teachers and</li> </ol>

	<p>students of the department on the subject of Free and Fair Elections and participated in the All Goa State level Competition at Kala Academy.</p> <p>11. At the beginning of the academic year in June Dr. K. Govekar had accompanied two students for a month long excursion to Bay of Bengal and Central Indian Ocean on board the Government of India flag ship of NCAOR – ORV Sagar Kanya in June 2016</p>
<p><b>Psychology</b></p> <ol style="list-style-type: none"> <li>To organise Educational field trips</li> <li>To undertake WANGDA internship programme</li> <li>To organise Talks by experts</li> <li>To screen Educational movies</li> </ol>	<p><b>Psychology</b></p> <ol style="list-style-type: none"> <li>24 students and 2 staff visited Disha School and Disha Vocational Centre.</li> <li>Disha school for special children put up an exhibition-cum-sale of vocational products in our college. The total sales exceeded Rs. 10,000/-.</li> <li>The WANGDA Programme was continued for the academic year 2016-2017. This is a programme where our students together (WANGDA) with special children from Disha School, Panjim, move towards a more inclusive experience. The experience was beneficial to both students.</li> <li>One Session on ‘Career in Human Resource’ by Mr. Keegan Furtado, Alumnus- HR Schneider</li> <li>Two Interaction with Psychologists from Jnana Prabodhini Samshodhan Sanstha, Pune .</li> <li>Screening of the movie ‘Racing Extinction’ followed by group discussion.</li> <li>The movie ‘Inside Out’ was screened and was attended by 39 students.</li> <li>Street Play “Save Environment” by Psychology Students on 21<sup>st</sup> September 2016.</li> <li>Programme on making Bags Out Of Old Clothes (Recycling Old Clothes).</li> </ol>

## FACULTY OF SCIENCE

<p><b>Biotechnology</b></p> <ol style="list-style-type: none"> <li>To conduct Non-conventional course for Students.</li> <li>To organising Guest lectures by experts.</li> <li>To organize Event cum Exhibition ‘Chiasma’.</li> <li>To conduct Debate and quiz competition for students.</li> <li>To organise visits to research institutes, Industries and Field trips for students (in addition to those mentioned in the curriculum.)</li> </ol>	<p><b>Biotechnology</b></p> <ol style="list-style-type: none"> <li>Two Non-conventional courses are conducted for students.</li> <li>Three guest lectures were organised.</li> <li>‘Chiasma’ 2016 was organised.</li> <li>Debate and quiz competition as a part of Operon club activity.</li> <li>Visit to Vergo Pharmaceuticals was carried out.</li> <li>A talk on ‘Advanced Immunology’ was conducted by Dr. Srinivas Kaveri, Director of INSERM, France for students.</li> </ol>
<p><b>Botany</b></p> <ol style="list-style-type: none"> <li>To Display plant of the week in the department</li> <li>To conduct a state/national workshop</li> <li>To continue a non-conventional value added</li> </ol>	<p><b>Botany</b></p> <ol style="list-style-type: none"> <li>Every week one plant with information was displayed outside the laboratory by F.Y.B.Sc students.</li> <li>Non conventional course in Botany titled</li> </ol>

<p>course</p> <ol style="list-style-type: none"> <li>To organize a Plant Exhibition “</li> <li>To organize a quiz competition</li> <li>To organize green day</li> </ol>	<p>‘collection, isolation &amp; identification of micro fungi’. conducted by Dr. Maria D’Souza.</p> <ol style="list-style-type: none"> <li>Science exhibition organized by displaying charts on diversity of mangroves, pulses, career opportunities &amp; demonstration on food adulteration.</li> <li>Conducted a Science Quiz for students.</li> </ol>
<p><b>Chemistry</b></p> <ol style="list-style-type: none"> <li>To conduct quiz competition for Chromophore club students.</li> <li>To participate in All Goa Chemistry Teachers Association Quiz Competition.</li> <li>Industrial visit for Chromophore club.</li> <li>Poster competition for Chromophore club.</li> <li>To apply for major research project</li> <li>To conduct new non-conventional course</li> </ol>	<p><b>Chemistry</b></p> <ol style="list-style-type: none"> <li>Chemistry Quiz competition was organized</li> <li>The winning students then participated in the inter-collegiate Quiz Competition organised by ACT and bagged the first Place.</li> <li>Organized a rangoli competition on the topic ‘Environmental Chemistry’ for Chemistry students. The objective of the competition was to create an awareness of environmental pollution among students and the whole class had participated with great enthusiasm.</li> <li>An industrial visit was organized, Students were taken to two industries, namely Funkskool in Corlim Goa and Blue cross laboratories in Verna, Goa.</li> </ol>
<p><b>Computer Science &amp; IT</b></p> <ol style="list-style-type: none"> <li>To organise “Technogyaan”- an intercollegiate event</li> <li>To organise Add-on courses (6 courses)</li> <li>To hold an Online talk</li> <li>To organise Guest lecture</li> <li>To undertake industrial visit to a software firm</li> <li>To conduct a One month Industrial training for SY students Spoken Tutorial workshop for Higher Secondary Schools</li> <li>To organise Spoken tutorial workshops</li> <li>To conduct Workshop on Android</li> </ol>	<p><b>Computer Science and IT</b></p> <ol style="list-style-type: none"> <li>Technogyan wasorganised .</li> <li>Six Add-on courses are conducted.</li> <li>Entrepreneurship Course on MS Office &amp; Internet by MSME conducted, Course on Basic computer &amp; Internet for Administrative staff conducted.</li> <li>Guest lecture on Android apps by IIHT on</li> <li>Industrial visit to Infinyt3D,Verna.</li> <li>Spoken tutorial workshops conducted for students of Computer science &amp; Mathematics.</li> <li>Guest lecture on Android App development.</li> </ol>
<p><b>Geology</b></p> <ol style="list-style-type: none"> <li>To organize a State – Level seminar</li> <li>To organize One Guest Lecture Under P.E.P</li> <li>To organize Short Term Value Added Non – Conventional Course In “Field Techniques Of Geological Mapping”</li> <li>To conduct Student Seminars &amp; Quiz Competition.</li> </ol>	<p><b>Geology</b></p> <ol style="list-style-type: none"> <li>Organized a Guest Lecture on ‘Geology – FieldPerspective’by with a resource person fromGoa University.</li> <li>Organized a talk In collaboration with Goa Education Trust on on ‘Geoscience – Made Easy’ by Iain Stewart,a Scottish geologist, a fellow of the Geological society of London and President of the Royal Scottish Geographical Society, Professor of Geoscience communication at the University of Plymouth and also a member of the Scientific Board of UNESCO’s International Geoscience Programme.</li> <li>Organized a Guest Lecture on the topic ‘Exploring the third pole: a scientific perspective’by Mr. Ajit Singh, Senior Research Fellow from National Center for Antarctic and Ocean Research (NCAOR).</li> </ol>
<p><b>Mathematics</b></p> <ol style="list-style-type: none"> <li>To organise Seminar in the subject of Mathematics: subject to grants</li> <li>To organise ‘Mathematica’: A quiz</li> </ol>	<p><b>Mathematics</b></p> <ol style="list-style-type: none"> <li>MATHEMATICA 2016- A simple maths aptitude competition for SYBsc students was held.</li> </ol>

<p>competition in mathematics for the maths students.</p> <ol style="list-style-type: none"> <li>To conduct training in SCILAB through IIT Mumbai for maths students.</li> <li>To organise training in C++ for the maths students through the Computer Science department of the College.</li> </ol>	<ol style="list-style-type: none"> <li>SYBsc maths students were trained in SCILAB and practicals in SEM II were conducted using SCILAB</li> <li>SYBsc maths students were trained in C++ and practicals in SEM I were conducted using C++</li> </ol>
<p><b>Physics</b></p> <ol style="list-style-type: none"> <li>To organise one State-Level Workshop.</li> <li>To conduct one Non-conventional course.</li> <li>To organise a Film show on science</li> <li>To organize Quiz competition</li> <li>To Organize a talk by eminent scientist</li> <li>To undertake field visits, sky watching programmes</li> <li>To pursue and facilitate Cruise with NCAOR scientist to Antarctica.</li> </ol>	<p><b>Physics</b></p> <ol style="list-style-type: none"> <li>Film shown on ‘Science 7 Astronomy’ screened for students.</li> <li>Quiz competition conducted for students and Science exhibition held as a part of the National Science Day celebrations.</li> <li>Talk by Dr. Rahul Mohan, Scientist, NCAOR organized on visit to NCAOR.</li> <li>Field visit to NCAOR organized for students to NCAOR. Sky watching programme organized by the department in association with AFA, Panaji for school students and general public of Betim under Penha de Franca Village.</li> </ol>
<p><b>Zoology</b></p> <ol style="list-style-type: none"> <li>To continue with minor research project</li> <li>To arrange guest lectures</li> <li>To enhance Nature club activities</li> <li>To organise state level workshop</li> <li>To organise Competitions &amp; Debates</li> <li>To undertake Study Tour &amp; Industry Visits</li> </ol>	<p><b>Zoology</b></p> <ol style="list-style-type: none"> <li>On-going minor research Project ‘Effect of manganese on various tissues of Paphiamalabarica: A Biochemical study on metabolites and metabolic enzymes’ funded by UGC, New Delhi.(Principal Investigator Mrs.S.P.Amonkar)</li> <li>Organised guest lectures under PEP</li> <li>Organised a bird-watching trip at Carambolim lake for non-zoology students.</li> <li>Organised- a Poster Competition on the River Mhadei Lifeline of Goa.</li> <li>Organised various field trips such as visit to NCOAR, Marmugoa, ICAR, Old Goa ,Abyss,Verna ,Fishery survey of India, Bogda-Marmugoa, etc.</li> </ol>

**2.15 Whether the AQAR was placed in statutory body**      Yes      No

Management       Syndicate       Any other body

Provide the details of the action taken

AQAR will be placed before the management committee of the college for the necessary action.

## 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	--	--	--	--
PG	--	--	--	--
UG	02	--	01	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	14	09	14	14
Others	--	--	--	--
<b>Total</b>	16	--09	15	14

Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

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

Pattern	Number of programmes
Semester	02 (UG)
Trimester	NIL
Annual	NIL

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

<input type="checkbox"/>	Parents	<input checked="" type="checkbox"/>	Employers	<input type="checkbox"/>	Students	<input checked="" type="checkbox"/>
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Mode of feedback: Online

Manual

Co-operating schools (for PEI)

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

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

- Goa University is introducing Choice Based Credit System from the academic year 2017-18.
- Many of our college faculty members are either chairpersons or members of Board of Studies for various subjects.
- All of them are involved in syllabus revision/ upgrade at the university level.
- The CBCS system with newly approved syllabus will be implemented in the College in 2017-18 onwards.

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

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	38	11	27	-----	02 Librarian Physical education

2.2 No. of permanent faculty with Ph.D.

18

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
--	--	--	--	--	--	-	--	--	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

-----

-----

43

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	20	34	11
Presented papers	14	11	02
Resource Persons	--	04	17

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

**Blended Learning** - ICT based teaching, Moodle, Spoken tutorial programmes by IIT Bombay, MSME course on MS office and internet and class workshops on language usage.  
**Creative Learning** - Debates, Quiz competitions, role playing, and music, creative writing, movie screening and documentaries, creativity based competitions, training for participation in literary, art and media events.  
**Embedded Learning** - Entrepreneurship exhibition, food festival to inculcate group dynamism, student's presentations and peer learning to promote integrated learning, involving students in social activities and extension programmes, newsletter and newspaper making. **Crossover Learning** – Heritage trails, field trips and study tours

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)

Open book exam, MCQ, Request for modified question paper for visually impaired TYBA student.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

22

14

15

as member of Board of Study/Faculty/Curriculum Development workshop

85%

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme		Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
FYBA	Oct 2016 Sem I	141	10	13	13	1	37
	Apr 2017 Sem II	130	10	18	20	5	53
SYBA	Oct 2016 Sem III	114	14	34	16	4	68
	Apr 2017 Sem IV	109	24	30	21	2	77
FYBSc	Oct 2015 Sem I	184	15	17	14	0	46
	Apr 2017 Sem II	175	22	21	16	0	59
SYBSc	Oct 2016 Sem III	151	26	27	23	1	77
	Apr 2017 Sem IV	150	40	29	20	3	92
TYBA	Oct 2016 Sem V	93	20	20	28	10	78
	Apr 2017 Sem VI	93	18	19	27	9	78
TYBSc	Oct 2016 Sem V	105	47	28	10	5	90
	Apr 2017 Sem VI	105	49	29	11	5	89

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

- The suggestions discussed and given in IQAC meetings are circulated and action taken is recorded.
- Feedback from various stakeholders is recorded and analysed and suggestions are conveyed to teachers and administrative staff for action.
- Various committees are requested to take actions based on parents, student's suggestions and the report is submitted to IQAC.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	02
UGC – Faculty Improvement Programme	00
HRD programmes	02
Orientation programmes	00
Faculty exchange programme	00
Staff training conducted by the university	18
Staff training conducted by other institutions	61 ( Including Our Institution)
Summer / Winter schools, Workshops, etc.	18

Others	06
--------	----

#### 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	38+4( Biotech)	Nil	Nil	03
Technical Staff	01+1 (Biotech)	Nil	Nil	01+ 1( Biotech)

## Criterion – III

### 3. Research, Consultancy and Extension

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

- Workshops are conducted in Research Paper Writing for faculty members. The college publishes an annual multidisciplinary research journal with ISSN number 2395 7557
- Teachers are also encouraged to participate in National, State level Conference/ workshops to present papers.
- Research Cell of the College also encourages faculty to submit proposals for minor and major projects, conferences and obtain funds from various finance agencies.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-----	-----	-----	-----
Outlay in Rs. Lakhs	-----	-----	-----	-----

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	07	-----	-----
Outlay in Rs. Lakhs	2,30000/-	15,47,000/-	-----	-----

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	07	09	-----
Non-Peer Review Journals	-----	-----	-----
e-Journals	-----	01	-----
Conference proceedings	04	02	-----

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

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	--	--	--	--
Minor Projects	08	UGC	17,77,000	--
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects <i>(other than compulsory by the University)</i>	--	--	--	--
Any other(Specify)	--	--	--	--

Total	08	UGC	17,77,000
-------	----	-----	-----------

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

3.8 No. of University Departments receiving funds from

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

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

RUSA-Rs. 29.5 lakh

3.10 Revenue generated through consultancy

TERI project on water quality analysis- Total charges-Rs. 25200  
To college- Rs. 3024/- ( 12%)

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number		01	02		
Sponsoring agencies	-----	UGC	NHRC	-----	-----

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	Page 18
	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
		03	01			

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

02

--

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

---

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

JRF -- SRF --- Project Fellows --- Any other ---

3.21 No. of students Participated in NSS events:

University level 14 State level 119

National level International level ---

3.22 No. of students participated in NCC events:

University level --- State level 40

National level International level 02

3.23 No. of Awards won in NSS:

University level --- State level ---

National level --- International level ---

3.24 No. of Awards won in NCC:

University level --- State level 05

National level International level 01

3.25 No. of Extension activities organized

University forum --- College forum 05

NCC 05 NSS 02 Any other 10

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

- A Training session was organized by the Department of Economics under 'Women Entrepreneurship' for women of Penha De Franca village.
- Department of Philosophy organized a street play to create awareness on 'Garbage Issues' in Goa with 18 students.
- Department of Physics organized Sky watching Programmes under MOU with Association of Friends of Astronomy at villages like Betim and Penha de Franca.
- Department of Psychology continued The WANGDA Programme for this academic year too by the Department of Psychology. This is a programme where our students together ('WANGDA' meaning 'together' in Konkani) with special children from Disha School, Panjim, move towards a more inclusive experience. This year eight students volunteered at Disha school-four in the main school and four in the vocational centre. The experience was beneficial to both students. An exhibition of the craft items prepared by these special children was held in the College premises to encourage them.
- Department of Biotechnology CHIASMA-EVENT CUM EXHIBITION was organised to create awareness about science in general public and inculcate a scientific temper among visiting students.
- The NCC Unit of the College organised a Beach cleaning drive and Road Safety Rally. The cadets also participated in "Run for Tree".
- Students of Department of Philosophy participated in a street play on 'Awareness Programme on garbage issues in Goa'.
- The NSS Unit organised a Blood Donation camp where 60 student-volunteers donated the blood. The Unit also organised several cleanliness drives.

#### **EXTENSION ACTIVITIES/ COMMUNITY SERVICE BY FACULTY FOR THE STATE OF GOA:**

- Taken up the causes to save Dele natural heritage spring, Margao Municipal heritage building, Quelshi natural heritage site, St. Francis Xavier Chapel at Fatorda, Chicalim Caves, Betul fort, Chapora fort & Siolim natural heritage site, Chimbel lake, Gavona pond in Carmona.
- Organised Anti-Casino protest on 28<sup>th</sup> August, 2016.
- Formed a new group 'United for Mother Goa' to save Goa against blatant destruction.
- Organised the 'Yaad Rahegi Qurbani' programme to salute the Uri martyrs on 26<sup>th</sup> September, 2016.
- Working for the protection of Betul fort from 1<sup>st</sup> February, 2017.
- As the President of the Goa Heritage Action Group had the Casino Pride advertisement removed from the Historic Signage of Jamma Masjid, Panaji on 8<sup>th</sup> February, 2017. It was reported by national newspaper The Hindu on 9<sup>th</sup> February, 2017.
- Working towards the formation of the Biodiversity Board in Chicalim & to get Chicalim Caves notified through Goa State Biodiversity Board from 9<sup>th</sup> February, 2017.
- Working towards Saving the Historic heritage Comunidade building of Mapusa from 10<sup>th</sup> February, 2017.
- Vasco's Clock Tower of 1938 is being conserved on 13<sup>th</sup> February, 2017. Took lead in getting it conserved.
- Participated in the campaign to preserve the Natural heritage of Salmona, Saligao, Goa held on 27<sup>th</sup> March, 2017.
- Participated in the stopping of hill cutting at Agasaim held on 1<sup>st</sup> April, 2017.
- Led an agitation to Save the Adilshahi Bhuikot fort wall and moat and tunnel in the Masjid held on 14<sup>th</sup> April, 2017 at Ponda, Goa.

## 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	5362 Sq.Mts	00		5362 Sq.Mts
Class rooms	18	00		18
Laboratories	14	00		14
Seminar Halls	01	00		01
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	13	00		13
Value of the equipment purchased during the year (Rs. in Lakhs)	3,04,000	3Printer,2LCD, Lab Equipment 4 Desktop	Govt. of Goa.	3,04,000
Others		2,50,000	Exam/COC/CAIH	

#### 4.2 Computerization of administration and library

##### **COMPUTERIZATION OF ADMINISTRATION AND LIBRARY for the year 2016-2017**

**Library automation:** cataloguing section, circulation section, library office and stock verification of books

**Computers:** Nine computers made available for staff and students in reading room.

**Internet:** High speed internet made available in all computers. Internet band width /speed 1 MBPS.

**U.G.C. Network centre:** has been established with fourteen computers with high speed internet made available in all computers and LCD projector, exclusively for the use of teachers for research

#### 4.3 Library services:**LIBRARY PROFILE FOR THE YEAR 2016-2017**

RESOURCES	EXISTING NO. AS ON 31/3/2016	NEWLY ADDED NO.	NEWLY ADDED VALUE	TOTAL NO. AS ON 31/3/2017
<b>BOOKS</b>			Rs.165037. 00	
1.TEXTBOOKS	234	201		435
2.REFERENCE BOOKS	32869	67	---	32936
<b>E BOOKS( Kindles)</b>	0	-----	----	0
<b>JOURNALS titles</b>	0	34	70016.00	34
<b>E JOURNAL titles</b>	0	-----	00.00	----
<b>CD &amp; VIDEO</b>	108	---	---	108
<b>DIGITAL DATABASE ( INFLIBNET)</b>	00	01	6450.00	01

<b>Others –Reading room</b>				
1.Newspapers titles	00	18	48162.00	18
2.Magazines titles	00	09		09

### Check the data

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	122	39	122	06	13	11	53	-
Added	--	--	--	-	-	-	--	-
<b>Total</b>	122	39	122	06	13	11	53	-

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

- Spoken Tutorial Programmes conducted for students
- Basic Training & Internet Training organized for Laboratory Attendants from 01/12/2016 to 13/12/2016

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

i) ICT	3,01,000
ii) Campus Infrastructure and facilities	1,31,892
iii) Equipments	1,99,000
iv) Others	30,00,000
<b>Total :</b>	<b>36,31,892</b>

## Criterion – V

### 5. Student Support and Progression

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

1. IQAC has suggested efficient working of Counselling, Mentoring and Placement programs in the College and closely monitors these programs.
2. The suggestions given by IQAC especially with reference to students are conveyed to respective conveners for necessary action.
3. A functional Grievance cell instituted in the College takes due cognizance of the grievances brought to fore by students.

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

1. Student performance throughout the year is closely monitored through continuous evaluation.
2. A mentoring programme is in place in the Institution which monitors the academic progress of students alongside all-round development. The Examination Committee monitors the progress of F.Y. to T.Y. and ISA committee looks into continuous progress in attendance and academic performance.
3. The academic performance is discussed with students by the faculty / mentors and a plan is worked out for improvement. Parents are contacted and problems are discussed to come out with viable solutions.

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

UG	PG	Ph. D.	Others
793			

(b) No. of students outside the state 12

(c) No. of international students 18

Men	No	%	Women	No	%
	253	32		540	68

Last Year (2015-2016)						This Year (2016-2017)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
484	16	61	96	4	661	595	16	64	113	5	793
Demand ratio						Dropout %					

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

1. The Biotechnology Department conducts ‘Operon club’ for students to prepare the students for competitive examinations.
2. Department of Indian Languages provides students with question papers of previous years and supplies a list of reference books towards preparation for Competitive exams.
3. Foundation Course in Current Affairs is offered by the Department of Political Science to help students in Competitive Examinations like UPSC, GPSC, etc

No. of students beneficiaries 99

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

NET	5	SLET	---	GATE	---	CAT	---	---
IAS/IPS etc	---	State PSC	---	UPSC	---	Others	4	

1. **One student cleared CMAT- 2017**
  2. **Two students cleared JAM- 2017 for Biotechnology.**
  3. **One student cleared JAM- 2017 for Biotechnology and biological sciences**
- 5.6 Details of student counselling and career guidance

Date	Activity	Resource Person	No. of students
9/7/16	Session on “Career in Human Resource”	Mr. Keegan Furtado, Alumnus- HR Schneider	25
21/9/16	Personality development	Counselor- P. Kalangutkar	25
4/1/17	Vocational Counseling: Career guidance	Mr. Rege and Mr. Kumar (Apna Formula)	62
11/1/17	Careers in the Navy	Cdr. David	33
16/1/17	Interaction with Psychologists from Jnana Prabodhini Samshodhan Sanstha, Pune	Dr. Sujal Watve, Dr. Vanita Patwardhan, Mr. Anand Wachasundar	09
1/3/2017	Interactive session on ‘Overseas Education’	Mr. Samrat Katakataware - YES Migration Solutions, Oceans colony, Dona Paula, Goa,	73
15/3/17	Placement Opportunities	Mr. Sumit, EnviroSkills	70
15/3/17	Placement in Caculo Group	Mr. Ricardo D’Silva and team	30
29/3/17	Careers in Child Psychology	Mrs. Shobita Kirtani	08
11/2/17	Session on Scope of Biotechnology	Ms. Mrunal Phadke	25
17/8/16 1/2/17	Mentoring programme	All staff members	720

1/3/17	Career options in Economics	Dr. Shilpa Samant.	38
--------	-----------------------------	--------------------	----

30/7/16	Entrepreneurship as a career	Mr. Nikhil Divekar	72
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The counselling cell offers individual counselling and career guidance. A total of 99 students availed this service in 2016-2017.

99
----

No. of students benefitted

#### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
2+1	70+10	1	05

## 5.8 Details of Gender Sensitization programmes

1. A TYBA student presented a paper titled, 'Nurturing Nature: An Analysis of Nature in Select Fiction' at the state-level Seminar organised by Rosary College of Commerce and Arts, Navelim. The topic dealt with eco-feminist issues.
2. Students of Indian languages were given a PowerPoint presentation and an animated documentary on female feticide was screened.
3. A hand book on 'Sexual Harassment of Women at Workplace' published by the Ministry of Women and Child Development, Government of India is made available for the staff and students of the College for reference.
4. Department of Philosophy conducted a debate on 'Should abortion be allowed- with reference to female feticide' on 27<sup>th</sup> September 2016.
5. Talk on 'Status of Women in Modern Times' on the occasion of Women's Day on 8<sup>th</sup> March 2017 was organized by Department of Philosophy.

5.9 Students Activities: 81 (PEP, Arts)+37 ( PEP, Science) =118 (Total)+4 ( Creation, Ebullience, Dahi handi, fun week event)

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

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

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

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	---	---
Financial support from government	86	Rs. 11,29,579/-
Financial support from other sources		
Number of students who received International/ National recognitions	---	---

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: Yes, through the College Grievance Redressal Committee : 5

## Criterion – VI

### 6. Governance, Leadership and Management

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

**Vision:** To be a premier Institution of academic excellence for the holistic development of students.

**Mission:** To be committed towards making education innovative, inclusive and interactive. To enhance education by a knowledge-driven, technology-enabled, skill-based and learner-friendly pedagogy with an endeavour to develop employable citizens with humane values and social commitment.

#### 6.2 Does the Institution has a management Information System

Yes, College has Management Information System operating through feedbacks and audits.

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

##### 6.3.1 Curriculum Development

Several teachers from various Departments of Science and Arts are either chairpersons or members of their respective Board of Studies and are involved in Curriculum Development since Choice Based Credit system has to be implemented in the academic year 2017-18

##### 6.3.2 Teaching and Learning

- Audio-visual learning, PowerPoint presentations, class room discussions and debate sessions are encouraged.
- Students carry out T.Y.B.Sc. projects and have presented their work at National Level Seminars and conferences.
- Staff and students benefited from the Online courses by IIT Mumbai on Animation software Blender Spoken Tutorial Programmes are conducted for students with certificates from IIT, Mumbai
- Special attention is provided to the needs of slow learners and visually impaired students.

##### 6.3.3 Examination and Evaluation

- The institution follows the Goa University Ordinances with regard to Examination and Evaluation and Verification. College Examination Committee is gearing up to follow new CBCS pattern of examination prescribed by the University at the first year level.
- Teachers are involved in paper setting and evaluation at F.Y, S.Y Theory and Practical exams, and also at TYBA/BSc University exams.
- Continuous evaluation of performance of students in the form of periodical tests for students of Final year is done.
- At the PTA meeting Parents get opportunity to interact with subject teachers and mentors at the time of issue of mark-list. This is followed by the verification process as requested by the students.
- Several departments include students presentations, group discussions and survey work as innovative modes of assessment for ISA.
- Final year BA/BSc students are motivated to undertake projects concerning the environment, social; ethical issues and entrepreneurship.
- As per Goa university guidelines teachers are appointed to evaluate and conduct viva voce in various other colleges.
- Revision/ periodical test is given to students after end of every unit by several departments.

#### 6.3.4 Research and Development

1. The Research Cell of the College promotes and facilitates research through sponsored major and minor research projects. The teachers are encouraged to take up research activity and present / publish research papers in journals and books. Special leave on duty is provided to teachers to present their work in seminars / conferences nationally and internationally.
2. Faculty members encourage students to use proper research methodology in project work, publish research papers and undertake paper presentations for various seminars and conferences.
3. Staff is actively involved in Research by way of submission of project proposals to Department of Science & Technology, Goa Energy Development Agency and University Grants Commission. Faculty members have also collaborated with NIT, Goa for the same.
4. Two faculty members completed 2 major projects and have published papers on it.
5. The Institution organized a Four-Day Workshop and Two-Day Extended Programme on 'Writing a Research Paper' from 13<sup>th</sup> to 17<sup>th</sup> October 2016 and 21<sup>st</sup> and 22<sup>nd</sup> November 2016 for the faculty members of the institution. The workshop was convened by Principal Dr. Vrinda Borker and faculty member, Ms. Akshata Bhatt. As a result of this workshop, 10 faculty members from the institution published their research output in the peer-reviewed multi-disciplinary research journal titled, 'Vasantrao Dempo Education and Research Journal of Arts, Science and Humanities' issn 2395-7557.
6. One faculty member completed Ph.D.
7. Students at TYBA are encouraged to publish research papers based on their project work.

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

All departments procured new books in keeping with the new CBCS syllabi.  
Departments subscribed relevant research journals.  
The bar-coding facility is used extensively by the staff and students of the college.  
The college has well equipped laboratories, LCD facilities in most of the lecture rooms and Wi-Fi connectivity provided at suitable points in the college.  
The college has a Seminar hall to conduct various programmes with seating capacity of hundred people.

#### 6.3.6 Human Resource Management

The teaching workload is allotted to individual teacher by HOD/ In-charge of each department. In addition, various committees are appointed by the Principal for smooth functioning of the college.

#### 6.3.7 Faculty and Staff recruitment

The faculty and staff recruitment is strictly governed by the Statutes / Ordinances of Goa University, UGC guidelines and recruitment rules of Govt. of Goa.

#### 6.3.8 Industry Interaction / Collaboration

- Department of Chemistry has collaboration with Goa Pharmaceutical Manufacturers Association for interaction of students with technocrats, facilitation of on-the-job training & placements.
- Department of Computer Science & IT collaborates with IIT Bombay for Spoken Tutorial programmes for learning Open Source Software.
- Department of Biotechnology has collaborated with CSIR-NIO for Research & Guest Lectures, Online Course in collaboration with Dr.Srini Kaveri, INSERM, France.
- The Department conducts annual Industry visits. Some of the Industries visited over the years are Nestle, Blue cross Labs, MRF, Aventis Pharma, Faber Castle, Funkskool and others. Besides, Industry personnel are also invited for talks and active interaction so as to bridge the gap between Industry and academics.

### 6.3.9 Admission of Students

An Admission Committee is instituted to look into the process which commences after the twelfth standard results are declared. Online registration for confirmation of admission facility has been implemented.

6.4 Welfare schemes for	Teaching	Leave facility as defined by University Statues and Govt. regulations are extended. Financial aid for children's education is available
	Non teaching	Leave facility as defined by University Statues and Govt. regulations are extended. Financial aid for children's education is available.
	Students	Scholarships for meritorious students Financial assistance to economically backward students is provided

6.5 Total corpus fund generated NIL

6.6 Whether annual financial audit has been done Yes  No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	YES	ISO 9001:2008 URS ISO 9001:2008 audit conducted on 10 <sup>th</sup> December'16	YES	ISO committee
Administrative	YES	ISO 9001:2008 URS		

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes  No

For PG Programmes Yes  No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NOT APPLICABLE

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

NOT APPLICABLE

6.11 Activities and support from the Alumni Association

The intra-college poetry writing competition, 'Versification' was organised on 15<sup>th</sup> March 2017. Alumnus Vandana Sardesai was invited to judge the event. Alumni of the Physics department are encouraged to give talks on procedures and criteria for seeking admissions to foreign universities in Germany and UK as well as reputed institutes in the country.

6.12 Activities and support from the Parent – Teacher Association

PTA Meetings are held every semester and feedback from parents is considered in decision making. Open day is observed where the parents are shown the results of their ward.

#### 6.13 Development programmes for support staff

A Training Programme on 'Drafting Formal Letters for Official Correspondence' was organised for the support (administrative staff) by the Writing Centre of the College on 8<sup>th</sup> November 2016.

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

Green Certificate (Level 1 ) has been awarded to the College in accordance with Green Standard Certification Program. Certificate No.UAB/GR/30560 dated 31.8.2015  
Experiments are conducted on micro-scale level. Water testing of college water supply for physicochemical parameters is carried out.

1. Several Departments tried to go paperless by informing students to submit assignments online.
2. Intra-communication with students is done via WhatsApp groups.
3. Campus cleaning activities (including eco-friendly segregation and disposal of garbage) are undertaken by the NSS Unit of the institution.
4. The Planting of saplings in the college campus was undertaken by the College along with History-Heritage Action Group ,Goa on 5<sup>th</sup> June, 2016.
5. A Poster Making Competition was organised on the theme 'Save Earth, Save Man'
6. Student-volunteers of NSS Unit prepared cloth bags & paper bags and donated to the shopkeepers in the Panaji market to reduce plastic usage.
7. Visit to organic farm Taleigao was organised to promote local farming.
8. Survey around Panaji on environment issues was conducted.
9. Wealth out of waste exhibition was organised.
10. The Department of Physics staff room has been illuminated using electric power generated from Solar panels built by students of the department.
11. The Screening of the movie "Racing Extinction" on 14<sup>th</sup> September 2016 was attended by 12 students followed by group discussion.
12. A Street Play on "Save Environment" was performed by students of Psychology on 21<sup>st</sup> September 2016. Two performances, one outside the staff room and one outside the canteen garnered positive responses from staff and students.
13. Programme on making Bags out of Old Clothes (Recycling Old Clothes) was organised. A total of 12 bags made by students and teachers were put on display. The bags were kept for display on the 1<sup>st</sup> floor for the whole day.

## Criterion – VII

### 7. Innovations and Best Practice

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- An Exhibition cum sale was organized to motivate entrepreneurial skills and develop learning through experience. The same was used to provide extension services to women from the village of Penha De Franca.
- Operon Club activity is conducted every week to improve presentation skills of the students.
- Science exhibition was organized by all the Departments in the Faculty of Science to inculcate scientific temper and research culture among students of college as well as visiting higher secondary schools.
- Green certification was revised after conducting green audit.
- Carbon footprint calculation of the college was done in order to know the carbon emission and to take steps to reduce it.
- A Writing Centre was instituted and the following activities conducted under its aegis:
  - (a) Four-Day Workshop and Two-day extended training on ‘Writing a Research Paper’ organised between 1<sup>3th</sup> and 1<sup>7th</sup> October and 2<sup>1st</sup> and 2<sup>2nd</sup> October 2016 for faculty members of the institution. 10 faculty members published their research output in the multidisciplinary peer-reviewed journal ‘Vasantrao Dempo Education and Research Journal of Arts, Science and Humanities’ issn 2395 7557.
  - (b) A One-Day Workshop Formal Correspondence to administrative staff of the College.

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

<b>Sr. No.</b>	<b>Planned</b>	<b>Outcome</b>
1.	In order to create awareness and improve the attendance, orientation for students and parents planned. Display of students’ attendance regularly to identify the students with attendance below 75% and inform the parents accordingly.	Orientation for students and parents was conducted. IQAC committee informed all the H.O.D’s of the Departments and attendance was displayed regularly and the end of every month. Students signature were also procured. As a result of these efforts, students average attendance has come up to 85% from 78% in 2015-16.
2.	Orientation on mentoring for new joined faculty to be organized.	Orientation was conducted for mentorship program on 17/08/2016 in Room No. 208.
3.	A workshop for faculty members aimed at enhancing Teaching-learning and improving / enhancing research culture in the College.	Workshop was conducted on 2 <sup>nd</sup> February 2017.
4.	New members to be co-opted in the IQAC mainly from the students’ community, Alumni, industry and NGO.	Members are co-opted as per the discussions earlier and verbal consents are taken from the members. Formal letters were sent from College. Meeting was held in April 2017.
5.	A copy of the statutes to be filed in IQAC record file.	Statutes copy of Goa University is procured.
6.	Ask for plan of committees.	Reports about the various activities were procured from various committees.

7.	Research cell to be asked to submit a report to IQAC in April.	Research cell report has been procured.
8.	Teachers' assessment by the students to be made paperless.	I, III and V Semester end TAQ's were done by the students on the laptops of the respective Departments.

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

1. Personality Enhancement Programme
2. Outreach Programs

7.4 Contribution to environmental awareness / protection

- Biotechnology students at T.Y.B.Sc. level carried out their projects based on topics related to environmental biotechnology such as preparation of Bioplastics and Bioremediation of Heavy metals.
- Department of Chemistry conducted awareness programme via a Rangoli Competition for TYBSc students on the theme-“ Environmental Pollution”
- Department of Botany organised, “Plant of the week” to create awareness about the importance of the plants for the Botany students.
- Department of botany also organised an exhibition on the importance of Mangroves.
- Student orientation programme was undertaken to make them Green ambassadors of the college under the Green campus policy.
- Department of Economics organized a local field trip for the students of TYBA Economics students to make them aware of the importance and protection of mangroves.
- A student of T.Y.B.A presented a paper titled, ‘Nurturing Nature: An Analysis of Nature in Select Fiction’ at the state-level Seminar.
- An Essay Competition on the theme ‘Pruthvi Bachao, Jeevan Bachao’ was organized.
- Poster Making Competition on the theme ‘ Save Earth, Save Man’ was organised
- Sensitization programmes were undertaken for students on various environment issues: Visit to the organic farm of Taleigao, Survey around Panaji on environment issues and Wealth out of waste exhibition were held.
- Bird watching programme for students & staff was organized at Carambolem lake
- Workshop on vermin-composting was organized.

7.5 Whether environmental audit was conducted?    Yes     No

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

Green Audit was conducted and the Institute retained its grade and certification. Memorandum of Understanding was signed with TERI (The Energy Research Institute).

### 8. Plans of institution for next year

<p><b>Economics</b></p> <ol style="list-style-type: none"> <li>1. To encourage students for Research and Publications.</li> <li>2. To organize Exhibition cum Sale for students and general public to improve entrepreneurial skills.</li> <li>3. To encourage students to conduct extension services.</li> <li>4. To organize programmes under PEP and Economics Forum.</li> <li>5. To organize Local field trip for students.</li> <li>6. To encourage students to do activities related to environment related issues.</li> </ol>
<p><b>English</b></p>

<ol style="list-style-type: none"> <li>1. To organise a National Conference (subject to sanction from UGC/other bodies).</li> <li>2. To screen movies pertaining to syllabus and those eliciting debate and discussion.</li> <li>3. To invite authors and experts to interact with students of Literature and Journalism.</li> <li>4. To take students to other institutes to present papers and attend Seminars and Lectures.</li> <li>5. To organize one Non-Conventional Course Value Added course.</li> <li>6. To host a quiz and one inter-class literary event.</li> <li>7. To conduct workshops for students.</li> <li>8. To take students for field trips.</li> <li>9. To engage in community service using literary tools like drama and poetry.</li> <li>10. To organise a Workshop/training programme for non-teaching, administrative staff of the institution.</li> <li>11. To present and publish research output.</li> <li>12. To start a pilot project in peer learning under the Writing Centre.</li> </ol>
<p><b>History</b></p> <ol style="list-style-type: none"> <li>1. To consolidate establishment of Heritage Centre.</li> <li>2. To organise Internship Programme for S.Y.B.A.( History ) students</li> <li>3. To organise Non-Conventional Course.</li> <li>4. To conduct Workshops</li> <li>5. To organise Talks</li> <li>6. To undertake Study – Tours</li> <li>7. To undertake Heritage trails and Walks</li> <li>8. To organise Quiz</li> </ol>
<p><b>Indian Languages</b></p> <ol style="list-style-type: none"> <li>1. To screen plays such as Jamle re Jamle, O Bai, Mixing Fixing for SYBA Konkani Allied to Major students, play ‘Rita Velankar’ for FYBA Marathi Major students, ‘GarbichaPavus’ and ‘Jogva’ for FYBA Marathi Major students, ‘Gaban’ film for TYBA Hindi students, ‘Aleesha’, ‘O Maria’, ‘PoltodchoMunis’ films for TYBA Konkani students.</li> <li>2. To organize ‘Shennoi Goembab Jayanti’ on 23<sup>rd</sup> June, 2017.</li> <li>3. To organize ‘Hindi day’ in 14th September, 2017.</li> <li>4. To organize ‘Marathi day’ in 27<sup>th</sup> February, 2018.</li> <li>5. To participate in Konkani Youth Literary Convention.</li> <li>6. To participate in Goa Yuva Mahotsav.</li> <li>7. To participate in Marathi Shekoti Literary Convention.</li> <li>8. To conduct a Short term Certificate Course in ‘Mangal’ Devnagari Software.</li> <li>9. To conduct a Long term Certificate Course in ‘Marathi Journalism’.</li> </ol>
<p><b>Philosophy</b></p> <ol style="list-style-type: none"> <li>1. To organize Dhempe Food festival</li> <li>2. To undertake community service at Mother Tereza (Missionaries of Charity) and Hamara School.</li> <li>3. To organise Survey trips</li> <li>4. To conduct Debates, student presentation, group discussion and movies.</li> <li>5. To organize seminars/workshops.</li> </ol>
<p><b>Political Science</b></p> <ol style="list-style-type: none"> <li>1. To conduct Quiz/Elocution Competition on important political issue</li> <li>2. To organise Debate on Current Issue by the students</li> <li>3. To organise Poster-Making by students on a Socio-political issue</li> <li>4. To conduct a Talk for the students by Expert on a Current Affairs issue/topic</li> <li>5. To undertake Field Trip of students to Government Department</li> <li>6. To facilitate a Visit to Goa Legislative Assembly/Village Panchayat /CCP</li> <li>7. To organise Environmental Awareness programme for the students</li> <li>8. To guide and facilitate participation of students in Mock Parliament at Goa Legislative Assembly</li> <li>9. To facilitate participation in Open Day organized by Department of Political Science, Goa University.</li> <li>10. To organise State level Seminar on RTI Act</li> </ol>
<p><b>Psychology</b></p> <ol style="list-style-type: none"> <li>1. To undertake Educational Field Trips</li> <li>2. To continue WANGDA internship programme</li> <li>3. To organise Talks by experts</li> <li>4. To screen Educational Movies</li> </ol>
<p><b>Biotechnology</b></p> <ol style="list-style-type: none"> <li>1. To organise Event cum Exhibition ‘Chiasma’.</li> <li>2. To conduct Value added courses for students.</li> <li>3. To organise Guest lectures for students.</li> </ol>

<ol style="list-style-type: none"> <li>4. To pursue submission of Proposal for Research project.</li> <li>5. To organize State level Workshop.</li> <li>6. To undertake visit to research institutes, Industries and Field trips for students (in addition to those mentioned in the curriculum)</li> </ol>
<b>Botany</b> <ol style="list-style-type: none"> <li>1. To conduct quiz, film shows and invited lecture.</li> <li>2. To organize an exhibition.</li> <li>3. To encourage Power point presentation by the students of S.Y B.Sc.</li> <li>4. To continue the Display of plant of the week by F.Y.B.Sc. students.</li> <li>5. To conduct a value added non-conventional course on hobbies.</li> </ol>
<b>Chemistry</b> <ol style="list-style-type: none"> <li>1. To organise quiz Competition for TYBSc students.</li> <li>2. To conduct One Long term and one short term course.</li> <li>3. To undertake industrial visits as a part of Chromophore Club.</li> <li>4. To organise the Inter Collegiate event Spectra.</li> <li>5. To Science exhibition.</li> </ol>
<b>Computer Science &amp; IT</b> <ol style="list-style-type: none"> <li>1. To organise "Technogyaan" an intercollegiate event</li> <li>2. To conduct Add on courses (6 courses)</li> <li>3. To organise an Online talk</li> <li>4. To hold a Guest lecture</li> <li>5. To undertake Industrial visit to a software firm</li> <li>6. To facilitate Industrial training for students</li> <li>7. To organise Spoken tutorial workshops</li> </ol>
<b>Geology</b> <ol style="list-style-type: none"> <li>1. To organise National Level Workshop</li> <li>2. To conduct one Guest Lecture</li> <li>3. To organise One Short term Value-Added Non-conventional Course</li> <li>4. To submit one Research Project proposal</li> <li>5. To screen a Geological Film.</li> <li>6. To organise Geological Exhibition.</li> <li>7. To conduct a Quiz Competition /Debate</li> <li>8. To organise a Lecture related to the subject.</li> <li>9. To undertake a geological Field trip for the students.</li> <li>10. To invite students of other institutions to visit Geological museum.</li> <li>11. To organise Student Seminars &amp; Quiz Competition.</li> </ol>
<b>Mathematics</b> <ol style="list-style-type: none"> <li>1. To train the students in Python and SCILAB to use in Mathematics Practicals.</li> </ol>
<b>Physics</b> <ol style="list-style-type: none"> <li>1. To pursue proposal to start a short term and long term course in <b>Basics of Energy Management</b>. The duration of the short term course will be 6 days while the duration of the long term course will be one year. On successful completion of the long term course, students will be allowed to answer an exam that will help them become Certified Energy Auditors.</li> </ol>
<b>Zoology</b> <ol style="list-style-type: none"> <li>1. To organise State level workshop on 'Wildlife photography'.</li> <li>2. To organise E.D. Programmes</li> <li>3. To undertake Interdisciplinary field trips under Nature Club.</li> </ol>

*Samant*

Name Dr. Shilpa Samant

Signature of the Coordinator, IQAC



*Borker*

Name Dr. Vrinda Borker

**Principal**

Dempo Charities Trust's

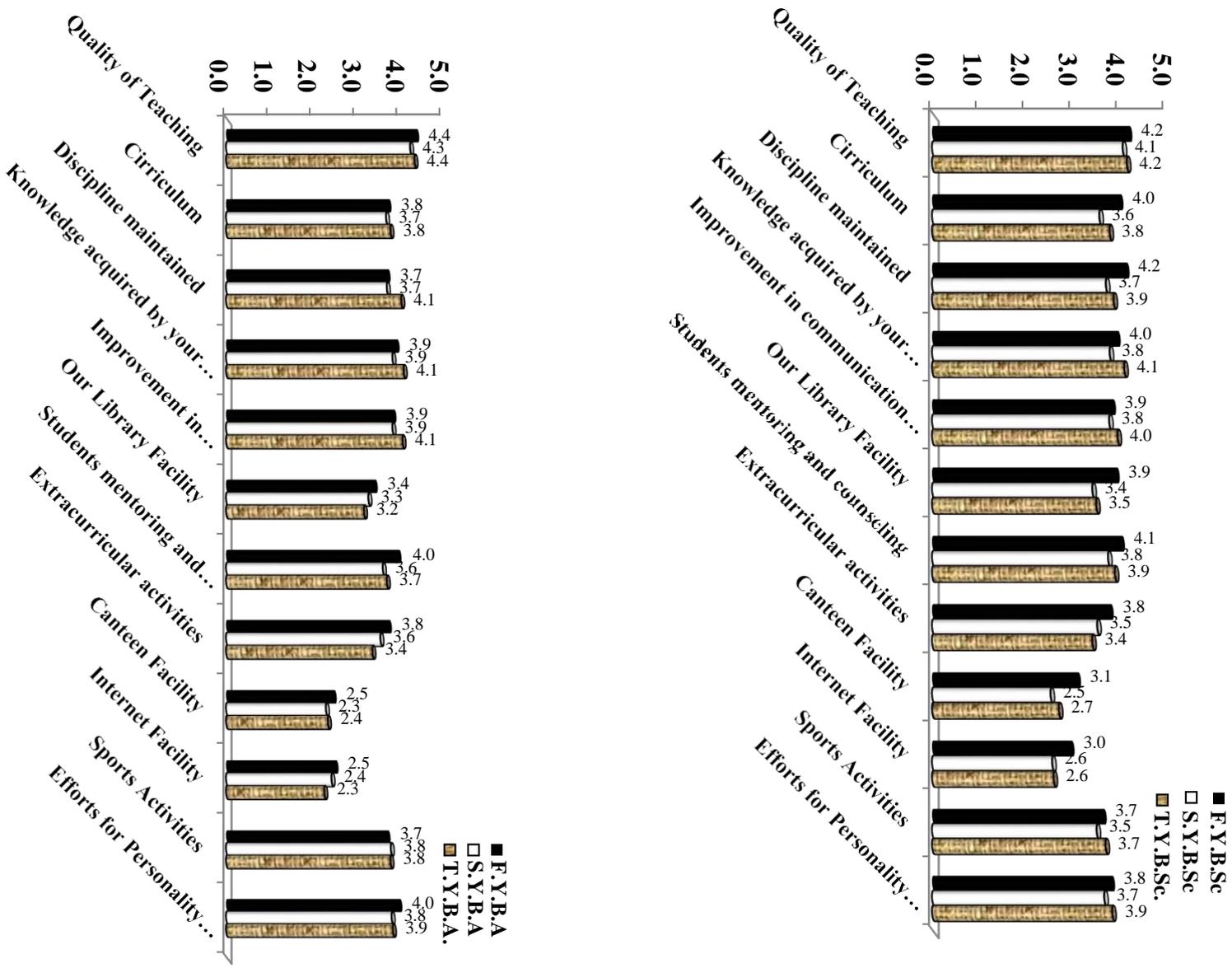
Signature of the Chairperson, IQAC  
Dhempe College of Arts & Science,  
Panaji-Goa.

## **List of Annexures**

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  - b. Students' Canteen feedback
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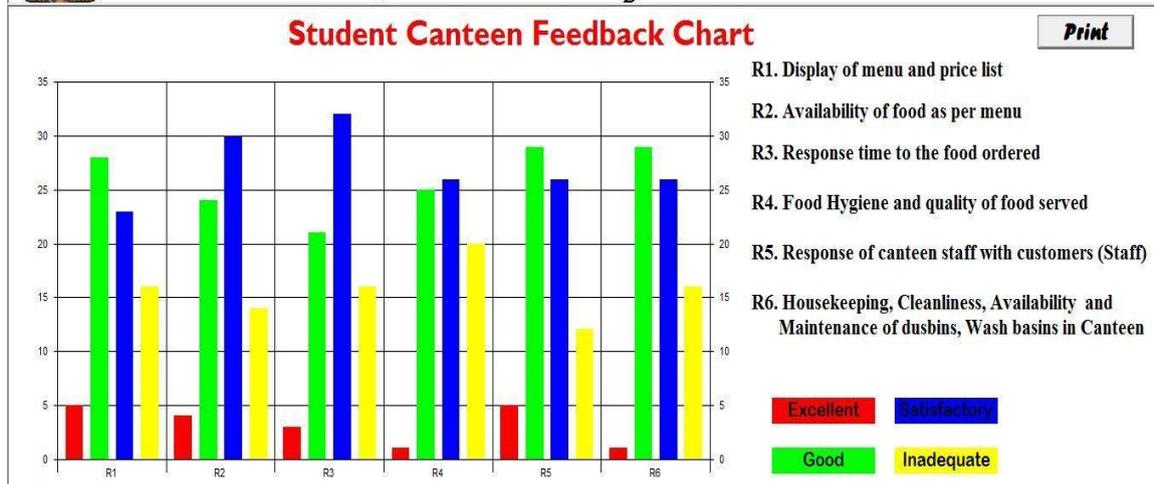
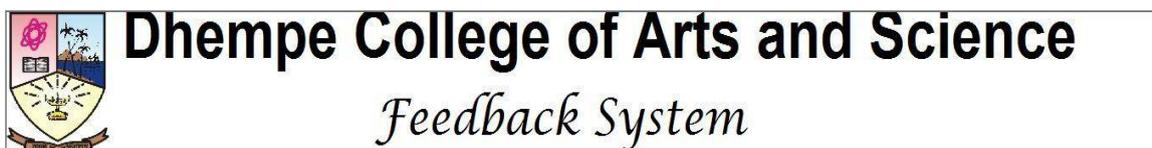
## Annexure I

**a : Parent Feedback Analysis**



## Annexure I b

### Students Canteen Feedback



### Student Canteen Feedback System

**2016-2017**

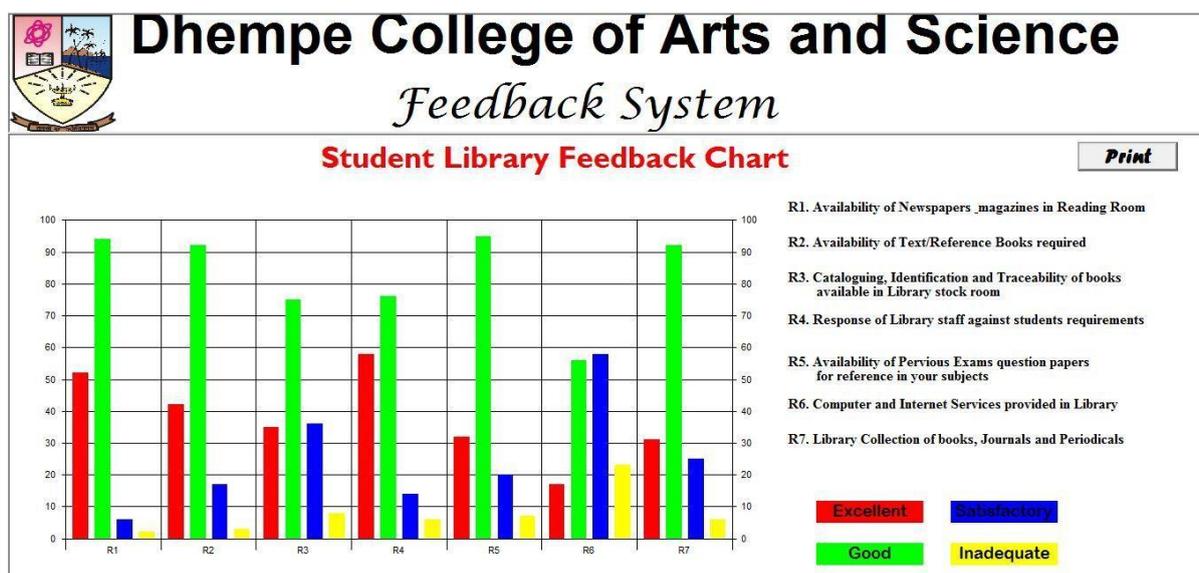
Sr.No	Category	Label	Category(rating by number of students)			
			Excellent	Good	Satisfactory	inadequate
1.	R1	Display of menu and price list	5	27	22	16
2.	R2	Availability of food as per menu	4	24	30	12
3.	R3	Response time to the food ordered	3	20	31	16
4.	R4	Food hygiene and quality of food served	1	25	26	20
5.	R5	Response of canteen staff with customers(Staff)	5	28	26	11
6.	R6	Housekeeping, cleanliness, Availability and maintenance of dustbins, wash basins in canteen	1	28	26	16

**Observation:**

1. 70% of the students feel the canteen displays the menu and price list at all times.
2. 74% of the students are satisfied with the availability of food as per the menu displayed.
3. 72% of the students are satisfied with the response time after an order has been placed.
4. 72% of the students are happy with the hygiene and quality of food being served.
5. 77% of the students are satisfied with the response of the canteen staff.
6. 77% of the students with the housekeeping, cleanliness and availability of dustbins in the canteen.

## Annexure I c

### Student Library Feedback



### Student Library Feedback System

**2016-2017**

S r. N o	Cate gory	Label	Category(rating by number of students)			
			Excellent	Good	Satisfactory	Inadequate
1.	R1	Availability of newspapers, magazines in Reading room	51	92	5	2
2.	R2	Availability of Text/Reference books required	41	91	18	2
3.	R3	Cataloging, identification & traceability of books	32	74	38	8
4.	R4	Response of library staff against students requirements	58	75	12	5
5.	R5	Availability of previous exam papers in the subject	31	94	20	6
6.	R6	Computer & Internet services provided in the library	17	55	59	21
7.	R7	Library collection of books, journals & periodicals	31	91	23	5

**Observations:**

1. 95% of the students agree with sufficient number of newspapers and magazines in the reading room.
2. 88% of the students find excellent availability of text and reference books.
3. 70% of the students are happy with the system of cataloging, identifications and location of books.
4. 88% of the students agree that the response of the library staff to the students is good.
5. 83% of the students find exams papers of previous years available at all times.
6. 76% of the students are satisfied with the availability of internet services in the library.
7. 60% of the students find the collection of books, journals and periodicals to be good.

## Annexure II

### Teachers' Assessment by Students 2016-2017

Teachers were assessed by the students in the scale of 1 to 4. The average of the score of each teacher is as follows:

Sr. No.	Name of the teacher	Term I	Term II
<b>Biotechnology</b>			
1	Mrs. Mrunal R. Phadke	3.9	3.2
2	Ms. Shreya D. Sawant	3.9	3.3
3	Ms. Aatiya Shaikh	3.3	3.9
4	Ms. Preethi B. Poduval	3.6	3.5
5	Ms. Alisha Fernandes	3.2	3.5
6	Ms. Arati M. RaneSardessai	3.3	3.5
<b>Botany</b>			
1	Dr. K. G. Hiremath (HOD)	3.0	3.3
2	Ms. Manjiri Barve	3.2	3.4
3	Dr. Purnima Ghadi	3.5	3.8
4	Ms. Sneha Luis M.	3.3	3.8
5	Dr. Maria A. D'Souza	3.0	3.2
<b>Chemistry</b>			
1	Dr. V. S. Borker (Offg. Principal – 1 <sup>st</sup> October 2016) Principal – 1/1/2017	4.0	3.5
2	Dr. Lina Talwadkar	3.0	3.1
3	Dr. UdaiNaik	4.0	3.5
4	Ms. VarshaVirginkar – (HOD)	3.7	3.5
5	Mr. VishwasPrabhudesai	2.6	3.1
6	Ms. Deepa Audi	3.9	3.4
7	Ms. Durga P. Kamat	3.8	3.4
<b>Computer Science &amp; IT</b>			
1	Ms. Shilpa Naik (In-Charge)	3.5	3.4
2	Mr. Sacheet Parshikar	3.0	3.2
3	Mr. Saurabh Naik	3.0	3.1
4	Ms. Surekha Patil	3.0	3.0
5	Ms. Nisha Raj Nair (I.T.) CCL	3.1	3.0
6	Ms. Pradnya S. Chandgadkar (I.T.) CCL	3.6	3.7
<b>Geology</b>			
1	Mr. A. G. Agshikar	3.0	3.4
2	Mr. D. S. Parab (HOD)	2.9	3.3
3	Dr. ManojIbrampurkar	3.1	3.2
<b>Physics</b>			
1	Dr. Swati Pawar (HOD)	3.5	3.5
2	Mr. S. S. Burye	3.2	3.1
3	Dr. R. Murthy	3.9	3.8
4	Dr. Miskil Naik	3.3	3.8
<b>Zoology</b>			
1	Ms. Sucheta Halkar (HOD)	3.9	3.5
2	Ms. Suchana Amonkar	4.0	3.7
3	Dr. Kariagada Therisa	3.5	3.4

4	Dr. Minal Shirodkar	3.9	3.9
5	Ms. Swizel Quadros	3.9	3.0
	<b>Mathemathics</b>		
1	Ms. Susan Miranda – (Incharge)	3.9	3.9
2	Mr. Vitendra V. Mhatonkar	3.5	3.2
3	Mr. Rahul R. Naik	3.5	3.1

<b>Faculty of Arts</b>			
<b>Sr. No.</b>	<b>Name of the teacher</b>	<b>Term I</b>	<b>Term II</b>
	<b>Economics</b>		
1	Mr. Edwin Cortez	3.5	4.0
2	Dr. ShilpaSamant (HoD)	3.9	3.9
3	Ms. Danica Menezes	3.9	3.8
	<b>English</b>		
	Ms. Akshata Bhat	3.6	3.2
	Ms. Surya Matondkar	3.5	3.0
	Ms. Nirvana D'Souza	3.0	3.1
4	Ms. Zeba Sayed	3.2	3.2
	<b>History</b>		
1	Ms. V. Prabhugaunkar	4.0	3.3
2	Mr. PrajalSakhardande (HOD)w.e.f	4.0	3.6
3	Mr. Aditya Watve	3.9	3.1
	<b>Indian Languages</b>		
1	Ms. AnjuSakhardande – (HOD)	4.0	3.7
2	Ms. ViditaShet	3.8	3.3
3	Ms. TahiraKatib	3.2	2.8
4	Mr. MohammadrafiHanchinal	3.6	3.5
5	Mr. Vinay Bapat	3.5	3.8
6	Mr. JayprabhuKamble	3.8	3.5
	<b>Philosophy</b>		
1	Dr. ZiniaD'Silva - (HOD)	4	3.9
2	Dr. Roshida Rodrigues	4	3.8
3	Ms. Sendra Pereira	4	3.7
	<b>Political Science</b>		
	Dr. Ketan Govekar	3.5	3.5
	Ms. Pranita Narvekar.	3.5	3.5
	<b>Psychology</b>		
1	Dr. Wendy Manuel – (HOD)	4	3.8
2	Ms. Mukta Karamadi	3.5	3.6
3	Ms. Siya Krishna Shetye	3.5	3.5

## Annexure II (Contd.)

### Analysis of the Teachers, Assessment

1. Not Adequate

2. Satisfactory

3. Good

4. Excellent

Sr no	Range	No. of Teachers		Percentage	
		Term 1	Term 2	Term 1	Term 2
1	1.0 to 1.5	0	0	0	0
2	1.6 to 2.0	0	0	0	0
3	2.1 to 2.5	0	0	0	0
4	2.6 to 3.0	10	5	17.54	8.19
5	3.1 to 3.5	22	36	38.59	59.01
6	3.6 to 4.0	29	20	50.87	32.78

## Annexure III

### Assessment of Value Added Non-Conventional Courses (2016-17)

Sr.No.	Name of the Non-Conventional Course	Department	Score 0 to point 4 scale
1.	Blender	Comp. Sc	3.03
2.	Computer hardware	Comp. Sc	3.25
3.	Networking Security	Comp. Sc	3.40
4.	C + +	Comp. Sc	3.48
5.	Php	Comp. Sc	3.17
6.	Introduction to Numismatics	History	3.62
7.	Collection, Isolation & Identification of Microfungi	Botany	3.92
8.	First Aid	Bio-Tech	3.80
9.	Determination of Physio-Chemical & Microbiological Parameters in Drinking Water	Chemistry	3.80
10.	Food Science & Quality Control	Bio-Tech	3.40
11.	Research Methodology	Geology	3.72
12.	Analytical Tools	Chemistry	3.75
13.	Fresh water aqua culture	Zoology	3.78
14.	Certificate Course in Basic Counselling Skills	Psychology	3.43

#### Other Training sessions and research oriented activities

- “VasantraoDempo Education and Research Journal of Arts, Science and Humanities” Vol. 3. Issue 1 was released on 3/3/17
- Training for faculty: “Writing a Research Paper” , from 13<sup>th</sup> to 17<sup>th</sup> October 2016, 25 teachers participated.
- Training for students: “Writing Research papers from Projects”, one day workshop on 5/5/17, twelve students participated.
- A course in Spoken Tutorial software training was conducted for the students of TYBSc Zoology (eight students), in the December- January 2017 session, followed by the online test conducted on 16<sup>th</sup> March 2017, at 1.00 pm in the Computer Science laboratory, of Dhempe College. Dr. Therisa Karingada, organizer, from Zoology Department, selected the software on ‘CELL DESIGNER’, registered the eight students for the course and videos were downloaded and provided to the students.

## Annexure IV

### ACADEMIC CALENDAR FOR THE YEAR 2016-2017

The vacation and the examination of the First Term and Second Term is as notified by the Goa University

#### ACADEMIC CALENDAR FOR THE YEAR 2016-2017

The vacation and the exam of the First Term and Second Term is as notified by the Goa University.

First term: 15/6/2016 to 28/10/2016

Second term: 21/11/2016 to 3/5/2017

June	15 <sup>th</sup> 20 <sup>th</sup>	College re-opens for the academic year Founders day.
July	1st week 2nd week 3 <sup>rd</sup> week 4 <sup>th</sup> week	S.Y. / T.Y. regular practicals begin Graduation Day. F.Y. regular practicals begin Students Council Elections. Enrollment for N.S.S.
August	2 <sup>nd</sup> week 3 <sup>rd</sup> week 3 <sup>rd</sup> week 15 <sup>th</sup>	Freshers party, Distribution of College Magazine, Inauguration of Students Council and other Club activities. ISA I PTA Meeting Independence Day
Chaturthi vacation: 5/9/2016 to 10/9/2016		
September	5 <sup>th</sup> 2 <sup>nd</sup> week 4 <sup>th</sup> week	Teachers Day ISA II begins SEE practical exam begins Inauguration of courses under non-conventional cell.
October	2 <sup>nd</sup> 3 <sup>rd</sup> week	Gandhi Jayanti NSS Camp Semester End Exam commencing from 15/10/2016
November	Winter vacation: 29/10/2016 to 19/11/2016 (Non-Conventional Short Term Courses) 21 <sup>st</sup>	College reopens for second term
December	3 <sup>rd</sup> 2 <sup>nd</sup> week 19 <sup>th</sup> 3 <sup>rd</sup> week 3 <sup>rd</sup> week	Feast of St. Francis Xavier (Holiday) Fun week to end with 'Creations' Goa Liberation Day College Annual Day Students Picnic on next day of Annual Day

Christmas vacation: 24/12/2016 to 1/1/2017

January	3 <sup>rd</sup> week 26 <sup>th</sup> 4 <sup>th</sup> week	College Photographs and PTA meeting. Republic Day ISA – I
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February	1 <sup>st</sup> week	ISA - II begins
	2 <sup>nd</sup> week	Valedictory programme of Non-conventional cell
	3 <sup>rd</sup> week	Alumni Day
	28 <sup>th</sup>	T.Y. Projects to be submitted
March	1 <sup>st</sup> to 2 <sup>nd</sup> week	SEE practical exam begins
	3 <sup>rd</sup> week	Farewell to T.Y. students
	4 <sup>th</sup> week	Project Viva
April	1 <sup>st</sup> week	Semester End Exam commencing from 03/04/2017
	4 <sup>th</sup> week	Supplementary Exam begins
May	1 <sup>st</sup>	May Day (Holiday)
	1 <sup>st</sup> week	End of second term

Summer vacations: 4/5/2017 to 12/6/2017

3<sup>rd</sup> week      Admission for S.Y. / T.Y. B.A. /B.Sc.  
Admission for F.Y. on next day of H.S.S.C.E. result.

Every Wednesday Personality Enhancement Program (PEP)

- For Science students from 11:15 a.m. to 12:00 noon and
- For Arts students from 12:00 noon to 12:45 p.m.

## Annexure V

### SEMINARS, CONFERENCES ATTENDED

#### DEPARTMENT OF BIOTECHNOLOGY

##### **Dr. Donna D'Souza Tielo**

1. Attended seminar organized by EU-India STI Cooperation, 2016 from 21<sup>st</sup>-22<sup>nd</sup> September 2016 at CSIR-NIO, Goa.

##### **Ms. Aatiya Shaikh**

2. Attended seminar on '**Par 4: from bench to bedside**' on 1<sup>st</sup> December 2016 at Vergo Pharmaceuticals.

##### **Ms. Preethi Poduval**

3. Attended a National seminar on '**Advances in Sustainable Biotechnology**' on 27<sup>th</sup> and 28<sup>th</sup> January 2017 organized by the Department of Biotechnology, St. Xavier's College, Mapusa, Goa.

##### **Ms. Alisha Fernandes**

4. Attended 20<sup>th</sup> Biennial International Symposium by AABE on '**Trends in Biology Education and Research**' from 20<sup>th</sup> - 24<sup>th</sup> September 2016 at the International Centre, Dona Paula.

##### **Ms. Arati Rane Sardesai**

5. Attended 20<sup>th</sup> Biennial International Symposium by AABE on '**Trends in Biology Education and Research**' from 20<sup>th</sup> - 24<sup>th</sup> September 2016 at the International Centre, Dona Paula.

6. Attended International Symposium on '**Understanding the Molecules of Life in the Era of New Biology & 28<sup>th</sup> all India congress of zoology (AICZ)**' from 20<sup>th</sup> to 22<sup>nd</sup> October 2016 organized by Life Science Departments Davangere University Karnataka, India.

#### DEPARTMENT OF CHEMISTRY

##### **Dr Vrinda Borker**

7. Attended one day National Seminar on '**4<sup>th</sup> Cycle of Reaccreditation Process**' organized by Birla College of Arts Science and Commerce, Kalyan on 27<sup>th</sup> March, 2017.

##### **Ms Deepa Audi**

8. Attended National Conference "**Emerging trends in Chemistry**" at N.G Acharya and D.K Maratha College Chembur Mumbai on 4<sup>th</sup> March 2017 and also participated for poster competition for the same. "**Photocatalytic and Microbial study of MnFe<sub>2</sub>O<sub>4</sub>**"

#### DEPARTMENT OF GEOLOGY

##### **Dr. M. M. Ibrampurkar**

9. Attended a seminar "**Marathi Novels after 1990**" organized by Indian Languages Department of Dhempe College of Arts & Science on 16<sup>th</sup> & 17<sup>th</sup> September, 2016.

10. Attended Symposium on Scientific Insight into Mandovi – The Life line of Goa at Goa Science Centre, Miramar on 23<sup>rd</sup> October, 2016 organized by Vidnyan Parishad Goa and delivered a talk on the topic '**Physiography, Drainage and Water Resources of Mandovi River Basin**'.

#### DEPARTMENT OF ECONOMICS

##### **Dr. Shilpa Samant**

11. Attended a National seminar on '**4<sup>th</sup> cycle of reaccreditation process**' organized by Birla College and sponsored by National Assessment and Accreditation Council, Bangalore and directorate of higher education on 27<sup>th</sup> March 2017.

##### **Mr. Edwin Cortez**

12. Attended a State level seminar on '**Human resource development**' organized by ISTD on 12<sup>th</sup> January 2017.

#### DEPARTMENT OF HISTORY

##### **Mr Prajal Sakhardande**

13. Attended Symposium titled '**Goan Diaspora and Gramdevta Worship**' organised by the Directorate of Archives held at Reis Magos fort, Verem-Bardez, Goa held on 29<sup>th</sup> November, 2016.

14. Attended State level Seminar of Centre for the Study of Mythology & Culture at Institute Menezes Braganza, Panaji held on 12<sup>th</sup> January, 2017.

15. Attended Two day International Interdisciplinary Conference titled '**Indian Cinema & Women**' jointly organised by the Departments of Hindi & Konkani of Mallikarjun College of Arts &

Commerce, Canacona in collaboration with Sadguru Education Welfare Association, Kalyan, Maharashtra at Mallikarjun College of Arts & Commerce, Delem, Canacona- Goa held on 3-4<sup>th</sup> February, 2017.

16. Attended One day National level Student's Seminar titled '**The Historic Language movement in the Western Coastal States of India**' jointly organised by the Departments of History & Konkani of Rosary College of Arts & Commerce, Navelim- Salcete, Goa held on 2<sup>nd</sup> March, 2017.

**Mr. Aditya Watve**

17. Was a part of Organising Committee of a Two day UGC Sponsored National level Seminar titled '**Marathi Novels after 1990**' organised by Bharatiya Bhasha Mandal of the Department of Indian Languages of Dhempe College of Arts & Science, Miramar-Panaji, Goa. held on 16-17<sup>th</sup> September, 2016.

#### **DEPARTMENT OF INDIAN LANGUAGES**

**Ms Anju Sakhardande (Konkani)**

18. Was a part of Organising Committee of a Two day UGC Sponsored National level Seminar titled '**Marathi Novels after 1990**' organised by Bharatiya Bhasha Mandal of the Department of Indian Languages of Dhempe College of Arts & Science, Miramar-Panaji, Goa. held on 16-17<sup>th</sup> September, 2016.

19. Attended One day National level Seminar titled '**The Contribution of Konkani Cinema to Konkani Literature**' organised by the Department of Konkani, Goa University in collaboration with Sahitya Akademi, New Delhi, All India Konkani Parishad at Goa University, Taleigao, Goa held on 7<sup>th</sup> October, 2016.

20. Attended One day National level Seminar titled '**Contribution of Dr. Raghunath Vishnu Pandit: A Special Dimension to Konkani Poetry**' organised by the Department of Konkani, Goa University in collaboration with Kavivarya Bakibab Borkar Chair in Comparative Literature at the Goa University, Taleigao-Goa held on 20<sup>th</sup> January, 2017.

21. Attended Two -day International Interdisciplinary Conference titled '**Indian Cinema & Women**' jointly organised by the Departments of Hindi & Konkani of Mallikarjun College of Arts & Commerce, Canacona in collaboration with Sadguru Education Welfare Association, Kalyan, Maharashtra at Mallikarjun College of Arts & Commerce, Delem, Canacona-Goa held on 3-4<sup>th</sup> February, 2017

22. Attended State level Symposium titled '**Challenges in Higher Education in Konkani**' organised by the Department of Konkani, Goa University at Taleigao, Goa held on 22<sup>nd</sup> February, 2017.

23. Attended One day National level Student's Seminar titled '**The Historic Language movement in the Western Coastal States of India**' jointly organised by the Departments of History & Konkani of Rosary College of Arts & Commerce, Navelim- Salcete, Goa held on 2<sup>nd</sup> March, 2017.

**Mr. Vinayak Bapat (Marathi):**

24. Was a Organising Secretary of a Two day UGC Sponsored National level Seminar titled '**Marathi Novels after 1990**' organised by Bharatiya Bhasha Mandal of the Department of Indian Languages of Dhempe College of Arts & Science, Miramar-Panaji, Goa held on 16-17<sup>th</sup> September, 2016.

25. Attended Two day National level Seminar titled '**Pa.Pu. Shirodkar yanche Sahitya**' organised by the Department of Marathi of Chowgule College of Arts & Science, Margao-Goa in collaboration with Ravindra Bhavan, Margao & Directorate of Art & Culture, Government of Goa at Margao held on 15<sup>th</sup> December, 2016.

26. Attended One day National level Seminar titled '**the Translation & Adaptation**' also a Resource Person at organised by Phondaghat Education Society's College of Arts & Commerce, Phondaghat, Kankavli, Maharashtra held on 21<sup>st</sup> January, 2017.

27. Attended One day National level Marathi Sahitya Sammelan titled '**Marathichyavidh Boli**' organised by Lokmanya Tilak Smarak Vachan Mandir, Chiplun-Ratnagiri, Maharashtra held on 11-12<sup>th</sup> February, 2017.

28. Attended two day National level Seminar titled '**21<sup>st</sup> century Goan Konkani-Marathi Literature**' organised in collaboration with Directorate of Official Language, Government of Goa and the

Department of Konkani, Chowgule College of Arts & Science, Margao- Goa held on 27-28<sup>th</sup> February, 2017.

**Mr. Jayprabhu Kamble (Marathi)**

29. Was a part of the Organising Committee of a Two day UGC Sponsored National level Seminar titled '**Marathi Novels after 1990**' organised by Bharatiya Bhasha Mandal of the Department of Indian Languages of Dhempe College of Arts & Science, Miramar-Panaji, Goa held on 16- 17<sup>th</sup> September, 2016.
30. Attended Two day National level Seminar on '**Prasarmadhyameani sahitya vevhar**' organised by Savitribai Phule Pune University & Arts, Science & Commerce College ,Harsul , Nasik- Maharashtra held on 4-5<sup>th</sup> January, 2017.
31. Attended One day National level Seminar on '**Gelya 25 varshatil Marathi Sahityantilya Prayogsheelteche Mulyamaapan**' organised by Sahitya Akademi in collaboration with Shriram vachanmandir, Sindhudurg Sahitya Sangh & Goagate-walke College, Banda, Maharashtra held on 15<sup>th</sup> January, 2017.

**Ms. Vidita Shet**

32. Was a part of Organising Committee of a Two day UGC Sponsored National level Seminar on '**Marathi Novels after 1990**' organised by Bharatiya Bhasha Mandal of the Department of Indian Languages of Dhempe College of Arts & Science, Miramar-Panaji, Goa held on 16-17<sup>th</sup> September, 2016.
33. Participated in the State level Symposium on '**Challenges in Higher Education in Konkani**' organised by the Department of Konkani, Goa University at Taleigao, Goa held on 22<sup>nd</sup> February, 2017.

**Mr. Mohammadrafi Hanchinal (Hindi)**

34. Attended One day State level Research Scholar Conference on the topic '**New Trends in Literature: Language, Literature & Culture**' organised by the Department of Languages & Literature, Goa University at the Conference Hall, Goa University, Taleigao-Goa held on 27<sup>th</sup> March, 2017.

**Ms. Tahira Katib (Hindi)**

35. Was a part of the Organising Committee of a Two day UGC Sponsored National level Seminar on '**Marathi Novels after 1990**' held on 16-17<sup>th</sup> September, 2016 in the Seminar Hall organised by Bharatiya Bhasha Mandal of the Department of Indian Languages of Dhempe College of Arts & Science, Miramar-Panaji, Goa held on 16-17<sup>th</sup> September, 2016.

**DEPARTMENT OF PHILOSOPHY**

**Dr. Zinia Da Silva**

36. Attended 3 days National Seminar titled '**Re-constructing Indian Philosophical framework**, Quest for decoding meaning sponsored by ICPR New Delhi organized by Department of Philosophy Goa University in association with the International Centre Goa.

**Dr. Roshida R. Rodrigues**

37. Attended UGC sponsored National seminar titled '**Marathi Novels after 1990's** on 16<sup>th</sup> and 17<sup>th</sup> September 2016 at Dhempe college.
38. Participated in the symposium organized by committee for the Apostolate of inter-Religious Dialogue and committee for Inculturation ,Archdiocese of Goa and Daman at Ravindra Bhavan, Margao on 29<sup>th</sup> January, 2017 on '**Identity Politics**' in making of conflict on confluence

**DEPARTMENT OF POLITICAL SCIENCE**

**Dr. Ketan S Govekar**

39. Attended International Seminar on "**India's Extended Neighbourhood Policy: new Perspectives and Future Direction**" at Shivale College, Murbad Maharashtra on 6-7<sup>th</sup> January 2017 and presented a paper "**India's Look East Policy and Act East Policy**" .

**DEPARTMENT OF PSYCHOLOGY**

**Dr. Mukta Karamadi**

40. Attended Two Day National Conference titled '**Bridging the Mental Health Treatment Gap: Innovations in Mental Health Care in India**' organized by Sangath on 10<sup>th</sup> & 11<sup>th</sup> December 2016.

**ANNEXURE VI  
STAFF TRAINING, ORIENTATION/ REFRESHER COURSES WORKSHOPS**

**DEPARTMENT OF BIO-TECHNOLOGY**

**Dr. Donna D'Souza Ticlo**

1. Attended two day workshop on **'Teacher and Taught'** on 27<sup>th</sup> & 28<sup>th</sup> June 2016 organized by the Department of English - Dhempe College of Arts & Science, Miramar Goa.

**Mrs. Mrunal R. Phadke**

2. Attended two day workshop on **'Teacher and Taught'** on 27<sup>th</sup> & 28<sup>th</sup> June 2016 organized by the Department of English - Dhempe College of Arts & Science, Miramar Goa.
3. Attended four day workshop titled **'Writing a research Paper'** from 13<sup>th</sup> October to 17<sup>th</sup> October 2016 followed by a 2 day workshop (morning and evening session) from 21<sup>st</sup> November to 22<sup>nd</sup> November 2016, organized by Dhempe College of Arts and Science, Miramar Goa.

**Ms. Shreya D. Sawant**

4. Attended two days workshop on **'Teacher and Taught'** on 27<sup>th</sup> & 28<sup>th</sup> June 2016 organized by the Department of English - Dhempe College of Arts & Science, Miramar Goa.
5. Attended four day workshop titled **'Writing a research Paper'** from 13<sup>th</sup> October to 17<sup>th</sup> October 2016 organized by Dhempe College of Arts and Science, Miramar Goa.
6. Attended skill development workshop on **'Home gardening'** organized by the Department of Biotechnology, Goa University on 31<sup>st</sup> August 2016.

**Ms. Aatiya Shaikh**

7. Attended two days workshop on **'Teacher and Taught'** on 27<sup>th</sup> & 28<sup>th</sup> June 2016 organized by the Department of English - Dhempe College of Arts & Science, Miramar Goa.
8. Attended four day workshop titled **'Writing a research Paper'** from 13<sup>th</sup> October to 17<sup>th</sup> October 2016 followed by a 2 day workshop (morning and evening session) from 21<sup>st</sup> November to 22<sup>nd</sup> November 2016, organized by Dhempe College of Arts and Science, Miramar Goa.

**Ms. Preethi Poduval**

9. Attended two days workshop on **'Teacher and Taught'** on 27<sup>th</sup> & 28<sup>th</sup> June 2016 organized by the Department of English - Dhempe College of Arts & Science, Miramar Goa.
10. Attended skill development workshop on **'Home gardening'** organized by the Department of Biotechnology, Goa University on 31<sup>st</sup> August 2016.
11. Attended four day workshop titled **'Writing a research Paper'** from 13<sup>th</sup> October to 17<sup>th</sup> October 2016 organized by Dhempe College of Arts and Science, Miramar Goa.
12. Attended skill development workshop on **'A close encounter with snakes'** organized by the Department of Biotechnology, Goa University on 20<sup>th</sup> October 2016.
13. Attended UGC sponsored short term course in **Research Methodology** from 28<sup>th</sup> November – 3<sup>rd</sup> December 2016 at Goa University.

**Ms. Alisha Fernandes**

14. Attended two days workshop on **'Teacher and Taught'** on 27<sup>th</sup> & 28<sup>th</sup> June 2016 organized by the Department of English - Dhempe College of Arts & Science, Miramar Goa.
15. Attended skill development workshop on **'Home gardening'** organized by the Department of Biotechnology, Goa University on 31<sup>st</sup> August 2016.
16. Attended four day workshop titled **'Writing a research Paper'** from 13<sup>th</sup> October to 17<sup>th</sup> October 2016 followed organized by Dhempe College of Arts and Science, Miramar Goa.
17. Attended UGC sponsored short term course in **Research Methodology** for Science students from 28<sup>th</sup> November – 3<sup>rd</sup> December 2016 at Goa University.

**Ms. Arati Rane Sardessai**

18. Attended four day workshop titled **'Writing a research Paper'** from 13<sup>th</sup> October to 17<sup>th</sup> October 2016 organized by Dhempe College of Arts and Science, Miramar Goa
19. Attended skill development workshop on **'Home gardening'** organized by the Department of Biotechnology, Goa University on 31<sup>st</sup> August 2016.

**Ms. Gauri Silimkhan**

20. Attended two days workshop on **'Teacher and Taught'** on 27<sup>th</sup> & 28<sup>th</sup> June 2016 organized by the Department of English - Dhempe College of Arts & Science, Miramar Goa.

21. Attended four day workshop titled **'Writing a research Paper'** from 13<sup>th</sup> October to 17<sup>th</sup> October 2016 followed by a 2 day workshop (morning and evening session) from 21<sup>st</sup> November to 22<sup>nd</sup> November 2016, organized by Dhempe College of Arts and Science, Miramar Goa.

22. Attended one day workshop **"Chromatographic techniques in Pharmaceutical Analysis"** organized by the Department of Chemistry, Dnyanprassarak Mandal's College and Research Centre, Assagao-Goa on 21<sup>st</sup> March 2017.

**DEPARTMENT OF BOTANY**

**Mrs. Manjiri Barve**

23. Attended four days workshop on **'Writing a Research Paper'** organized by Dhempe College of Arts & Science, Goa. from 13<sup>th</sup> October to 17<sup>th</sup> October 2016

24. Attended one day workshop on **'Improving standards and quality of teaching learning at undergraduate level for effective implementation of CBCS in B.Sc. Botany'** organized by Dept. of Botany, Goa University, Goa. on 23<sup>rd</sup> Feb. 2017.

**Dr. Purnima Ghadi**

25. Attended two day workshop on **'The Teacher and the Taught – Bridging the gap'** organized by Dhempe College of Arts & Science on 27<sup>th</sup> and 28<sup>th</sup> June 2016

26. Attended one day workshop on **'Faculty Knowledge Programme'** organized by IBS, ICFAI Bussiness School, Hyderabad. on 22<sup>th</sup> September 2016.

27. Attended four days workshop on **'Writing a Research Paper'** organized by Dhempe College of Arts & Science, Goa. from 13<sup>th</sup> October to 17<sup>th</sup> October 2016

28. Attended 5<sup>th</sup> field workshop on **Medicinal Plants in Western Ghats "Herbals to Phytopharmaceuticals" : Approaches and Applications** at Nature Camp- Tiger Reserve Kulgi, Dandeli, Karnataka organized by Regional Medical Research Centre from 23<sup>th</sup> to 26<sup>th</sup> November 2016.

28. Attended UGC Sponsored refresher course in **Environmental studies** at Human Resource Development Centre (HRDC), Goa University from 10<sup>th</sup> to 30<sup>th</sup> January 2017

29. Attended one day workshop on **'Improving standards and quality of teaching learning at undergraduate level for effective implementation of CBCS in B.Sc. Botany'** organized by Dept. of Botany, Goa University, Goa. on 23<sup>rd</sup> February 2017.

**DEPARTMENT OF CHEMISTRY**

**Dr. Vrinda Borker**

30. Dr Vrinda borker, Miss Durga Kamat, Miss Sailee Bhonsle attended **Annual Chemistry Convention** organised by All Goa Chemistry Teachers Association on 5<sup>th</sup> February 2017.

**Ms. Durga P. Kamat**

31. Attended the state level workshop on **chromatographic techniques in pharmaceutical analysis** at D.M.'S College & Research centre, Assagao-Goa on 21<sup>st</sup> March 2017.

**Ms. Safia Khan**

32. Attended a workshop on **'Nuclear Sciences and Applications of Radioisotopes'** on 23<sup>rd</sup>-24<sup>th</sup> December 2016, organized by Goa Vidya Prasarak Mandal.

33. Mrs. Varsha Virginkar, Mrs. Deepa Audi, Ms. Durga P. Kamat and Ms. Saili G. Bhonsle attended a workshop on **"Research Paper writing"**.

34. Mrs. Deepa M Audi attended Refresher Course on **Environmental Science** at HRDC Goa University from 10<sup>th</sup> to 30<sup>th</sup> January 2017.

**DEPARTMENT OF COMPUTER SCIENCE AND IT**

**Ms Shilpa Naik**

35. Attended State level workshop on **New Syllabus for TYBSc Computer Science** organized by Chowgule college, Margao on 25<sup>th</sup> June 2016.

36. Attended State level workshop on **"The Teacher and the Taught"** at Dhempe College of Arts & Science on 27<sup>th</sup> and 28<sup>th</sup> June 2016.

37. Attended State level workshop on **‘Total E Solutions for Libraries’** on 27<sup>th</sup> January 2017 at Dhempe College.

38. Attended State level workshop on **Choice Based Credit System for Computer Science** at Dnyanprassarak Mandals College Assagao on 21<sup>st</sup> February 2017.

**Mr Sacheet Parshikar**

39. Attended State level one day workshop on **Android** organized by St Xaviers College, Mapusa, on 20<sup>th</sup> August 2016.

**Ms Smita Naik**

40. Attended State level one day workshop on **Agile Software Development** organized by Govt. College of Science Arts & Commerce, Khandola, Goa on 25<sup>th</sup> August 2016.

**Ms Rumana Pathan**

42. Attended State level workshop on **‘Total E Solutions for Libraries’** on 27<sup>th</sup> January 2017 at Dhempe College.

**Ms Lavina DSilva**

43. Attended State level workshop on **‘Total E Solutions for Libraries’** on 27<sup>th</sup> January 2017 at Dhempe College.

**DEPARTMENT OF GEOLOGY**

**Mr. D. S. Parab and Dr. M.M. Ibrampurkar**

44. Mr. D. S. Parab & Dr. M. M. Ibrampurkar attended two day workshop on **‘The Teacher Training Workshop – The Teacher and the Taught – Bridging the Gap’** on 27<sup>th</sup> & 28<sup>th</sup> June, 2016 at Dhempe College of Arts & Science, Miramar, Panaji – Goa.

45. Mr. D. S. Parab & Dr. M. M. Ibrampurkar along attended workshop on **‘Landslide Risk Mitigation’** conducted by the Geological Survey of India, New Delhi and organized by Office of the Mamlatdar of Tiswadi Taluka, Panaji – Goa. on 26<sup>th</sup> August, 2016, Panaji – Goa.

46. Dr. M. M. Ibrampurkar has participated in the one Day National Workshop on **‘Rainwater Harvesting’** held at G. S. Science College, Belagavi organized in association with Mining Engineers’ Association of India Belgaum Chapter, on 25<sup>th</sup> September, 2016.

47. Mr D. S. Parab & Dr. M. M. Ibrampurkar attended a Four – Day Workshop titled, **‘Writing a Research Paper’** organized by Dhempe College of Arts and Science, Miramar from 13<sup>th</sup> to 17<sup>th</sup> October, 2016.

48. Shri. D.S. Parab, Dr. M.M. Ibrampurkar, Ms. Delia Cardozo and Ms. Rhythm Warik attended a workshop on **“Geo science and Mineral Resources”** held at Goa University on 17<sup>th</sup> March 2017 organised by Department of Earth Science.

49. Dr.M. M. Ibrampurkar participated in One day National workshop on **“Rainwater Harvesting”** held at G. S. Science College Belagavi organized by Mining Engineers’ Association of India Belgaum Chapter on 25<sup>th</sup> September 2016.

**DEPARTMENT OF PHYSICS**

**Dr. Swati Pawar**

50. Attended a One day State level workshop on **“Calculations and documentation of API”** organized by D.M. College, Assagao, Goa on 5<sup>th</sup> April, 2017.

51. Attended a One week short term training programme on **“Energy options for Sustainable Future”** organized by Directorate of Technical Education (DTE), Government of Goa from 17<sup>th</sup> to 21<sup>st</sup> October, 2016.

52. Attended a government certified course on **“Solar Energy”** organized by MSME at Dhempe College of Arts and Science, Goa from 17<sup>th</sup> to 19<sup>th</sup> April, 2017.

**Mr. S.S. Burye:**

53. Attended a government certified course on **“Solar Energy”** organized by MSME at Dhempe College of Arts and Science, Goa from 17<sup>th</sup> to 19<sup>th</sup> April, 2017.

54. Attended a half day workshop on **“Solar Energy”** organized by MSME at Dhempe College of Arts & Science, Goa.

**Dr. Miskil Naik:**

55. Attended a government certified course on **“Solar Energy”** organized by MSME at Dhempe College of Arts and Science, Goa from 17<sup>th</sup> to 19<sup>th</sup> April, 2017.

56. Attended a One day State level workshop on “**Calculation and Documentation of API**” organized by D.M. College, Assagao, Goa on 5<sup>th</sup> April, 2017.
57. Attended a One week short term training programme on “**Energy options for Sustainable Future**” organized by Directorate of Technical Education, Govt. of Goa from 17<sup>th</sup> to 21<sup>st</sup> October, 2016..
58. Attended a half day workshop on “**Solar Energy**” organized by MSME at Dhempe College of Arts & Science, Goa.

#### **DEPARTMENT OF ZOOLOGY**

##### **Ms Suchana P. Amonkar**

59. Attended Two Days Short-term Training program organized by Fisheries department from 25<sup>th</sup> to 26<sup>th</sup> August, 2016 at Fishermen Training Centre, Ela, Dhauji, and Old Goa.
60. attended Three days Short Term training programme on “**Ornamental Fish Culture**” conducted by Directorate of Fisheries, Government of Goa at Fishermen Training Center, Ela-Dhauji, Old Goa from 18<sup>th</sup> to 20<sup>th</sup> January 2017.

#### **DEPARTMENT OF ECONOMICS**

##### **Dr Shilpa Samant**

61. Attended a two day workshop title ‘**The teacher and the taught –bridging the gap**’ on 27<sup>th</sup> and 28<sup>th</sup> June, 2016 at Dhempe college of Arts and Science.
62. Attended four day workshop titled ‘**writing a research paper**’ organized by D.C on 16<sup>th</sup> October and 17<sup>th</sup> October, 2016.

##### **Mr Edwin Cortez**

63. Attended one day workshop on **Entrepreneurship** organized by BNI Goa chapter on 11<sup>th</sup> May 2017 in Hotel Crown , Panjim, Goa.

##### **Ms Danica Menezes**

64. Attended a Workshop on **MOOC** organized by the Department of Commerce, Goa University on 3<sup>rd</sup> and 4<sup>th</sup> May 2017.

#### **DEPARTMENT OF ENGLISH**

##### **Ms. Clarinda Dias and Ms. Akshata Bhatt**

65. Ms. Clarinda Dias and Ms. Akshata Bhatt attended a Two-Day Workshop on “**The Teacher and the Taught – Bridging the Gap**” organised by Dhempe College of Arts and Science, Miramar on 27<sup>th</sup> and 28<sup>th</sup> June 2016.

##### **Ms. Akshata Bhatt**

66. Participated in the Four-Day Advanced Workshop titled, ‘Vimarsh-Vardini: Translation, Terminology and Critiquing’ held from 8<sup>th</sup> to 11<sup>th</sup> May 2017 at World Konkani Centre, Mangaluru
67. Participated in the Three-Day Advanced Workshop titled, 'Samvadika' organised by Institute Menezes Braganza from 12<sup>th</sup> June to 14<sup>th</sup> June 2017 and submitted the final draft of the research article titled, 'Hawthorn as *The Kiln*: an analysis through the prism of Translation Studies.

#### **DEPARTMENT OF HISTORY**

##### **Mrs. Vrishali Prabhugaonkar**

68. Attended two-day Workshop titled ‘**The Teacher and the Taught-Bridging the Gap**’ organised by the Dhempe College of Arts & Science, Panaji, Goa on 27-28<sup>th</sup> June, 2016.

##### **Mr. Prajal Sakhardande**

69. Attended two-day Workshop titled ‘**The Teacher and the Taught-Bridging the Gap**’ organised by the Dhempe College of Arts & Science, Panaji, Goa on 27-28<sup>th</sup> June, 2016.
70. Attended one day Workshop titled ‘**Writing a Research Paper**’ organised by the Dhempe College of Arts & Science, Panaji, Goa on 13-17<sup>th</sup> October, 2016.

##### **Mr Aditya Watwe**

71. Attended workshop on ‘**Energy options for sustainable future**’ organised by Directorate of Technical Education under TEQIP held at Porvorim, Goa held on 17-21-October, 2016.

## DEPARTMENT OF INDIAN LANGUAGES

### Ms Anju Sakhardande

72. Attended one day Workshop titled **‘Writing a Research Paper’** organised by the Dhempe College of Arts & Science, Panaji, Goa on 13-17<sup>th</sup> October, 2016.

73. Attended two-day Workshop titled **‘The Teacher and the Taught-Bridging the Gap’** organised by the Dhempe College of Arts & Science, Panaji, Goa on 27-28<sup>th</sup> June, 2016.

### Mr Vinay Bapat

73. Attended Yuva Shrujan Mahotsav organised by Goa Marathi Academy, Porvorim- Goa on 29<sup>th</sup> November, 2016.

74. Attended First Maha Marathi Sammelan organised by Goa Marathi Academy, Morji-Pernem- Goa on 10-11<sup>th</sup> December, 2016.

75. Attended two-day Workshop titled **‘The Teacher and the Taught-Bridging the Gap’** organised by the Dhempe College of Arts & Science, Panaji, Goa held on 27-28<sup>th</sup> June, 2016

## DEPARTMENT OF PHILOSOPHY

### Dr. Zinia Da Silva

76. Attended a two day workshop title **‘the teacher and the taught –bridging the gap’** on 27<sup>th</sup> and 28<sup>th</sup> June, 2016 at Dhempe college of Arts and Science.

77. Attended four day workshop on titled **‘writing a research paper’** organized by D.C on 16<sup>th</sup> October and 17<sup>th</sup> October 2016.

78. Participated in a workshop for **framing syllabi for BA (General and honors)** for CBCS on 18<sup>th</sup> February 2017 at Goa University.

### Dr. Roshida R. Rodrigues

79. Attended a two day workshop title **‘the teacher and the taught –bridging the gap’** on 27<sup>th</sup> and 28<sup>th</sup> June, 2016 at Dhempe college of Arts and Science.

80. Attended one day workshop for NSS programme officers on **‘connect with community’**, effects of stress ,life style and how to deal with it on 27<sup>th</sup> September, 2016 at Institute Menezes Braganza hall, Panaji, Goa.

81. Participated for the inter-Religious meet held at Rachol Seminary Auditorium, organized by the patriarchal Seminary of Rachol on 2<sup>nd</sup> October 2016.

82. Attended a workshop for framing the syllabus of BA and BA(honours) in accordance with the new ordinance – OC66 on 18<sup>th</sup> February 2017.

### Ms . Sendra Pereira

83. Attended and worked as the member of organizing committee in a 2 days national workshop on **‘Recent development in Biological Sciences- a Philosophico-ethical appraisal’** on 13<sup>th</sup> and 14<sup>th</sup> February 2017 at PES college.

## DEPARTMENT OF POLITICAL SCIENCE

### Dr. Ketan S Govekar

84. Attended 3 Day Training programme conducted by IDEMI-MSME, Government of India on **‘Solar Energy’** held at Dhempe College from 17-19<sup>th</sup> April 2017.

## DEPARTMENT OF PSYCHOLOGY

### Dr. Mukta Karamadi

85. Attended two day workshop titled **‘The Teacher and The Taught – Bridging the Gap’** organized by Dhempe College of Arts & Science on 27<sup>th</sup>& 28<sup>th</sup> June 2016.

86. Attended Workshop titled **‘Faculty Knowledge Program’** organized by IBS-ICFAI Business School on 22<sup>nd</sup> September 2016.

87. Attended four Day workshop titled **‘Writing a Research Paper’** organized by Dhempe College of Arts & Science from 13<sup>th</sup> to 17<sup>th</sup> October 2016.

88. Attended a workshop on **Public Financial Management System (PFMS)** conducted by Rashtriya Uchchar Shiksha Abhiyan (RUSA), Goa and Directorate of Higher education, Goa at Parvatibai Chowgule College of Arts & Science, Margao on 21<sup>st</sup> February 2017.

## Annexure VII

### Research Projects

Sr. no.	Department	Names of faculty	Title of the Project	Sanctioned amount	Funding Agency
1	Indian Languages (Hindi)	Dr Vaishali Naik	Konkani Evam Rajasthani Lokgeeto mei Sanskrutik Darshan: Ek tulanatmak Adhyayan	Rs 2,30,000/-	UGC
2	Zoology	Ms Suchana Amonkar	Effect of Manganese on various Tissue of Paphia Malabarica : A biochemical study on metabolites and metabolic enzymes	Rs 4,30,000/-	UGC
3	Philosophy	Dr Roshida Rodrigues	Approach to Environmental Ethics	Rs 1,35,000/-	UGC
4	History	Mrs. Vrishali Prabhugaonkar	Education in Goa -1961 : Issues & policies	Rs 1,45,000/-	UGC
5	English	Ms. Akshata Bhatt	Ecological consciousness in Goan literature and cultural signifiers	Rs 75,000/-	UGC
6	Physics	Dr. Swati Pawar	Study of Quantum Phase Transitions in Bose Hubbard Chains	Rs. 2,75,000/-	UGC
7	Information Technology	Ms. Annie Rajan	Study of Acceptance of Higher Education in the Northern Coastal Tourism in Goa	Rs. 2,00,000/-	UGC
8	Computer Science	Ms. Shilpa Naik	To study effect of learning in e-learning software	Rs. 2,85,000/-	UGC

**ANNEXURE VII**  
**PAPERS PRESENTED IN CONFERENCES/SEMINARS**

**Arts Faculty**

1. Ms. Akshata Bhatt presented a paper titled **“Reconstructing Goa through the traveller’s lens: A study of select writings from Manohar Shetty’s *Goa Travels*”** at the one-day State-level Seminar organised by Department of English, Goa University on 30<sup>th</sup> March 2017.
2. Mr Prajal Sakhardande Presented a Paper titled **‘Hindi Film Heroines from 1913 to 1990-A Historic Survey of the Golden Era from Kamlabai Gokhale to Sridevi’** at the Two -day International Interdisciplinary Conference titled **‘Indian Cinema & Women’** jointly organised by the Departments of Hindi & Konkani of Mallikarjun College of Arts & Commerce, Canacona in collaboration with Sadguru Education Welfare Association, Kalyan, Maharashtra at Mallikarjun College of Arts & Commerce, Delem, Canacona-Goa held on 3-4<sup>th</sup> February, 2017
3. Ms Anju Sakhardande Presented a Paper titled **‘Images of Women as reflected in Selected Konkani Movies’** at the Two-day International Interdisciplinary of Hindi & Konkani of Mallikarjun College of Arts & Commerce, Canacona in collaboration with Sadguru Education Welfare Association, Kalyan, Maharashtra at Mallikarjun College of Arts & Commerce, Delem, Canacona-Goa held on 3-4<sup>th</sup> February, 2017.
4. Mr Vinay Bapat Presented a Paper at the Two day UGC Sponsored National level Seminar titled **‘1990 nantarchi Mahanagariy Kadambari’** organised by the Department of Indian Languages of Dhempe College of Arts & Science, Miramar-Panaji, Goa held on 16-17<sup>th</sup> September, 2016.
5. Mr Vinay Bapat Presented a Paper titled **‘Konkani Short Stories Translated in Marathi’** and also a Resource Person at the One day National level Seminar titled **‘Translation & Adaptation’** organised by Phondaghat Education Society’s College of Arts & Commerce, Phondaghat, Kankavli, Maharashtra held on 21<sup>st</sup> January, 2017.
6. Mr Vinay Bapat Presented a Paper titled **‘Chitpavani Boli’** and also Chaired one Session to at the One day National level Marathi Sahitya Sammelan on **‘Marathichyavidh Boli’** organised by Lokmanya Tilak Smarak Vachan Mandir, Chiplun-Ratnagiri, Maharashtra held on 11-12<sup>th</sup> February, 2017.
7. Mr Vinay Bapat presented a paper **‘Shirodkaranche Sahitya’** at a Two day National level Seminar on **‘Literature of Pa. Pu. Shirodkar’** in the Seminar Hall organised by the Department of Marathi, Chowgule College of Arts & Science, Margao-Goa in collaboration with Ravindra Bhavan, Margao & Directorate of Art & Culture, Government of Goa held on 15<sup>th</sup> December, 2016.
8. Mr Vinay Bapat presented a Paper titled **‘21<sup>st</sup> century Goan Marathi Short Story’** at the two day National level Seminar on **‘21<sup>st</sup> century Goan Konkani-Marathi Literature’** organised in collaboration with Directorate of Official Language, Government of Goa and the Department of Konkani of Chowgule College of Arts & Science, Margao- Goa held on 27-28<sup>th</sup> February, 2017.
9. Mr Jayprabhu Kamble Presented a Paper titled **‘Swatala Faltu samajnyachi gosht-Audhut Kudtarkaryanchya Kadambarichea shaysutra’** for a Two day UGC Sponsored National level Seminar titled **‘Marathi Novels after 1990’** in the Seminar Hall organised by Department of Indian Languages of Dhempe College of Arts & Science, Miramar-Panaji, Goa held on 16-17<sup>th</sup> September, 2016.
10. Mr Jayprabhu Kamble Presented a Paper titled **‘ Jagatikikaran, Samajik Madhyameani Sahitya Vevhar’** in a two day National level Seminar titled **‘Prasar madhyameani sahityavevhar’** organised by Savitribai Phule Pune University & Arts, Science & Commerce College, Harsul, Nasik- Maharashtra held on 4-5<sup>th</sup> January, 2017.
11. Dr Roshida Rodrigues Presented a paper titled **‘Environment and peace: Intrinsic values for an international conference on literature culture and world peace’** by Higher Education and Research Society, Navi Mumbai on 23<sup>rd</sup> and 24<sup>th</sup> September, 2016 at Dnyansagar Institute of Management and research Pune, India.
12. Dr Ketan Govekar attended International Seminar on **“India’s Extended Neighbourhood Policy: new Perspectives and Future Direction”** at Shivale College, Murbad Maharashtra on 6-7<sup>th</sup> January 2017 and presented a paper **“India’s Look East Policy and Act East Policy”**.
13. Dr Mukta Karamadi Presented a paper titled **“Psychological Impact of Abuse and Neglect on the Elderly”** at the National Seminar organized by MES College of Arts & Commerce, Zuarinagar on 14<sup>th</sup> and 15<sup>th</sup> December 2016.

**Science Faculty**

14. Dr Vrinda Borker presented a paper “**Waterborne Pollutants: Photocatalytic degradation of MB on cobalt oxide**” at International conference **Science and Technology: Future challenges & solutions 2016** at University of Mysore on 8<sup>th</sup> & 9<sup>th</sup> August 2016.
15. Dr. Vrinda Borker presented a paper entitled ‘**Containment of water pollution through bi-functional photocatalytic metal oxide semiconductor**’ at the International Conference on **multifunctional materials for device application** held at the National Institute of Technology, Patna from 26<sup>th</sup> -28<sup>th</sup> October 2016.
16. Ms Deepa Audi Presented a poster “ **Photocatalytic and Microbial Study of MnFe<sub>2</sub>O<sub>4</sub>**” on 4<sup>th</sup> March 2017 at NG Acharya Dk Maratha College Chembur Mumbai
17. Ms Rumana Pathan participated in International Conference on Technology for Education & presented paper titled ‘**Teaching & Learning of Divergent & Convergent Thinking Skills using ICT**’ at 8<sup>th</sup> IEEE organized by IIT Bombay from 2<sup>nd</sup> to 5<sup>th</sup> December 2016.
18. Attended International Conference on Technology for Education Participated & presented paper titled ‘**Teaching & Learning of Divergent & Convergent Thinking Skills using DCT**’ at 8<sup>th</sup> IEEE organized by IIT Bombay from 2<sup>nd</sup> to 5<sup>th</sup> December 2016.
19. Dr Ramu Murthy attended International Conference on "**Recent innovations in Electrical, Electronics, Computer and Mechanical Engineering**" (ICRIEECME - 2016) held on **11<sup>th</sup> June, 2016 at Lucknow, U.P.** Paper Title: "**Effect of A-site Cations on Transport and Magnetic Properties of LaSrCoRuO<sub>6</sub>**", Proceedings of IRF International Conference, ISBN: 978-93- 85832-29-1, Date: 12<sup>th</sup> June, 2016, Venue: Lucknow, India.
20. Dr Ramu Murthy attended International Conference on "**Recent innovations in Electrical, Electronics, Computer and Mechanical Engineering**" (ICRIEECME - 2016) held on **17<sup>th</sup> September, 2016 at Pune, India.** Paper Title: "**Study of B-site Dopants on Structure, Magnetic and Transport Properties of Some Perovskite Based Oxides**" Proceedings of IRF International Conference, ISBN: 978-93-85832-29-1, Date: 18<sup>th</sup> September, 2016, Venue: Pune, India.
21. Dr Ramu Murthy attended International Conference on " **Advances in Engineering, Science and Technology (ICEST -16)**, held on **27<sup>th</sup> November, 2016, Mumbai, India.** Paper Title: "**Neutron Diffraction Studies on Co and Ru based Double Perovskites**", Proceedings for International Conference on advances in Engineering, Science and Technology, ISBN : 9788192958045, date: 27<sup>th</sup> November, 2016, Mumbai, India.
22. Dr Ramu Murthy Presented a paper at the National Conference (AICON -2016), held at CSIT, Chattisgarh titled: **Study of Structure, Transport and Magnetic Properties of Some Perovskite based Oxides**, April 2016.
23. Alisha Fernandes presented an oral presentation entitled “ **Limonological Studies of River Chapora, Goa**’ at the International Symposium on ‘**Understanding the Molecules of Life in the Era of New Biology & 28<sup>th</sup> all India Congress of Zoology (AICZ)** ’from 20<sup>th</sup> to 22<sup>nd</sup> October 2016 organized by Life Science Departments Davangere University Karnataka, India.
23. Preethi B. Poduval presented a poster entitled “**Study of a marine bacteriophage Microbulbifer sp. CR-1**” at the International Conference VIROCON-2016-on “**Global Perspectives in Virus Disease Management**” held during 8<sup>th</sup> -10<sup>th</sup> December 2016 at Indian Institute of Horticultural Research, Bengaluru, India.
24. Preethi B. Poduval presented a poster entitled “**Isolation of marine virus from the coast of Goa**” at the National Conference of Young Researchers NCYR-2017, **New Frontiers in Life Sciences & Environment** on 16<sup>th</sup> & 17<sup>th</sup> March 2017 organized by the faculty of life sciences Goa University, Goa.
25. Dr Purnima Ghadi presented a paper titled ‘**Effective teaching of Botany subject for future careers- What is missing at college level and how it can be rectified.**’ in one day workshop on ‘**Improving standards and quality of teaching learning at undergraduate level for effective implementation of CBCS in B.Sc. Botany**’ organized by Dept. of Botany, Goa University, Goa.on 23<sup>rd</sup> February 2017.
26. Deepa Audi Presented poster “**Synthesis of doped NiFe<sub>2</sub>O<sub>4</sub> with copper NiCuFe<sub>2</sub>O<sub>4</sub> – its structure elucidation and photocatalytic activity-ecofriendly nature a step towards interdisciplinary research.**” at the International conference (3<sup>rd</sup> international young science congress) on 8<sup>th</sup>, 9<sup>th</sup> May 2017 at Mehsana Gujarat.

**ANNEXURE VIII**  
**PAPERS PUBLISHED IN RESEARCH JOURNALS**

**Papers in Peer-reviewed journals**

1. Ms Danica Menezes, (2017) '*Impact of Demonetization on the Indian Economy*' in the Vasantryo Dhempo Education and Research Journal of Arts, Science and Humanities vol.3, ISSN No.2395-7557, 5-8.
2. D'Souza, N. & Sayed, Z. (2017) Deconstructing the Open Ending Paradigm: Analyses of *The Kite Runner* and '*Nagamandala*'. Vasantryo Dempo Education & Research Journal of Arts, Science & Humanities, Vol. 3, ISSN No.2395-7557, 54-58. .
3. Bhatt, A. & Matondkar, S. (2017) Understanding the dynamics of re-creating physical spaces in fiction: A Case Study of *A Game of Thrones*. Vasantryo Dempo Education & Research Journal of Arts, Science & Humanities, Vol. 3, ISSN No.2395-7557, 59-63.
4. Pai, I.K, Govekar, K. (2016) '*An Extensive Study on Physico-Chemical Parameters of Bay of Bengal and Central Indian Ocean Basin*' in Journal of Aquaculture and Marine Biology, Volume 4, Issue 5, November.
5. Karamadi M., D'Silva, C., & Henriques, J. (2016). Impact of parenting styles on mental health, self-esteem and achievement motivation of adolescents. Vasantryo Dempo Education and Research Journal of Arts, science & Humanities, vol 3, 42-48 (ISSN 2395-7557)
6. V.Borker. R. Karmali and Koyar Rane 2014 Comparison of Degradation Of Methylene Blue Dye by ZnO, n doped ZnO and Iron Ore Rejects European Chemical Bulletin., section B, 3(6), 520-529 (**Impact Factor 2.14**).
7. Borker. V. 2014 Growth of Nickel Oxalate Dihydrate Crystals by Gel Method Vasantryo Dempo Education and Research Journal of Arts Science and Humanities, Vol.1, ISSN 2395-7557.
8. M.M. Ibrampurkar, V.D. Virginkar, A. M. Rane. and Y. Modassir Microbiological Quality analysis of Groundwater in Mhadei River Watershed, Goa, India 1(1): 51-55 (2015)" journal - Bio Bulletin ISSN NO (Print): 2454-7913 ISSN NO( Online): 2454-7921.
9. Kamat, D. P.& Tilve, S. G. Synthesis of naturally occurring 1-oxygenated carbazole alkaloids-clausine E, clausenapin, indizoline and formal synthesis of clausenaline D. Arkivoc 2016, **2016**, 11-22.) .
10. Kamat, D. P. Overview of the synthesis and applications of naturally occurring 1-oxygenated carbazole alkaloid, clausine E. Vasantryo Dempo Education and Research Journal of Arts, Science & Humanities 2017, Vol.3, ISSN No.2395-7557, 20-31.
11. M. R. Phadke, C. Tete & J. Shaikh published a research paper on '*Comparative study on nutritive value of tubers found locally in Goa*' in Vasantryo Dempo Education and Research Journal of Arts, Science and Humanities ,Vol. 3, ISSN No.2395-7557, March 2017, pg. 32-41.
12. A. N. Shaikh & S. Kumar published a research paper '*Production of Cellulase from Bacillus subtilis and its applications on protoplast isolation*' in Vasantryo Dempo Education and Research Journal of Arts, Science and Humanities, Vol. 3, ISSN No.2395-7557, pg. 13-19.
13. A.E. Fernandes & I. K. Pai published a research paper '*Zooplankton Diversity and Physico-Chemical Conditions of River Chapora-Goa-India*' in Vasantryo Dempo Education and Research Journal of Arts, Science and Humanities, Vol. 3, ISSN No.2395-7557, March 2017, pg. 09-12.
14. Prof M.M. Mayekar (2016), "International Journal of Research Studies in Science, Engineering and Technolog" titled "*Geoelectrical Investigation of Subsurface Geology and Groundwater Occurrence in a Coastal Tableland*".
15. Ms. Deepa Audi published a paper on " Synthesis of MnFe<sub>2</sub>O<sub>4</sub> by co-precipitation method, its characterization and photocatalytic study" (2017) Res. J. Chem. Sci., 7 (5), 7-10.
16. Ms. Deepa Audi published a paper on " Synthesis of doped Nickel Ferrite with copper- NiCuFe<sub>2</sub>O<sub>4</sub>, its structure elucidation and photocatalytic study ecofriendly nature a step towards interdisciplinary research." (2017) Res. J. Chem. Sci., 7 (6), 6-12.

**Chapters in Books**

17. Bhatt, A. (2016). Of Land and Letters: Socio-ecological Issues in Select Konkani Texts in Translation' in the book. In K. Budkuley (Ed). *Aksharpath: The Eternal Path of Letters*. Mangalore: Konkani Bhaas ani Sanskriti Prathisthaan, WKC.

18. Govekar, K. (2016) "*Gauncari- Comunidade System and Panchayat System in Goa: Convergence and Divergence*" in 50 Years of Panchayati Raj in Goa: Retrospect and Prospects, Published by Broadway Publishing House, Goa.
19. Imran, M., Poduval, P. B., & Ghadi, S. C. (2017) published a chapter in a book on '*Bacterial Degradation of Algal Polysaccharides in Marine Ecosystem*' in Marine Pollution and Microbial Remediation (pp. 189-203). Springer Singapore.

#### **E-Journal Publication**

20. Modassir, M.M Ibrampurkar, V.D. Virginkar and R.N.Jyai 2015 *Geochemical assessment of ground water quality in Mhadei river watershed, Goa, India*' Journal of International Journal of Theoretical and Applied Sciences **Online ISSN 2249-3247**.

#### **Conference Proceedings**

21. Dr Murthy Ramu, Proceedings of IRF International Conference, ISBN: 978-93-85832-29-1, Date: 12<sup>th</sup> June, 2016, Venue: Lucknow, India, titled "*Effect of A-site Cations on Transport and Magnetic Properties of LaSrCoRuO6*".
22. Dr Murthy Ramu, Proceedings of IRF International Conference, ISBN: 978-93-85832-29-1, Date: 18<sup>th</sup> September, 2016, Venue: Pune, India, titled "*Study of B-site Dopants on Structure, Magnetic and Transport Properties of Some Perovskite Based Oxides*".
23. Dr Murthy Ramu, Proceedings for International Conference on advances in Engineering, Science and Technology, ISBN : 9788192958045, date: 27<sup>th</sup> November, 2016, Mumbai, India, titled "*Neutron Diffraction Studies on Co and Ru based Double Perovskites*".
24. Dr Murthy Ramu, Proceedings of AICON-2016, Chattisgarh, April 2016, ISBN: 978-81- 923288-3-6 titled "*Study of Structure, Transport and Magnetic Properties of Some Perovskite based Oxides.*"
25. V. Borker, R.Karmali, K. Rane 2013 Comparison of degradation of methylene blue by N doped ZnO and iron ore rejects Proceeding, The 28<sup>th</sup> International Conference on Solid Waste Technology and Management. **ISSN 1091-8043**.
26. Dr. Purnima Ghadi Published Paper titled "*Comparison of polyphenols in commercial brands of green tea*" in proceedings of National seminar on Advances in life sciences in botany organized by St. Xavier's college, Mapusa in association with NABARD, Goa Regional office. (2016), **ISBN: 978-93-84298-49-4**, 184-187.

**ANNEXURE IX**  
**MEMBERSHIPS/ IMPORTANT POSITIONS**

1. Dr Udai Naik , Dr Lina Talwadker ----- Chairpersons Board of Studies.
2. Mrs Varsha Virginkar, Mr Vishwas Prabhudesai, Mrs Deepa Audi are Subcommittee members.
3. Dr.Purnima Ghadi is Member of Board of studies of Botany, Goa University.
4. Dr. R. Murthy is a)Life member of Indian Association of Physics Teachers b)Life Member of American Physical Society. c)Life Member of Neutron Society, BARC.
5. Dr. Swati Pawar is a)Member, Board of Studies in Physics, Goa University. b)Life member of Indian Association of Physics Teachers. c)Member, Vignyan Parishad, Goa Chapter.
6. Dr. Miskil Naik is a)Member, Vignyan Parishad, Goa chapter. b)Member, Indian Association of Physics Teachers.
7. Mr.S. S. Burye is a)Member, Vignyan Parishad, Goa chapter. b)Life member, Indian Association of Physics Teachers.
8. Dr M. M. Ibrampurkar is the member of Board of Studies in the subject of Earth Science at Goa University.
9. Mr. Edwin Cortez is appointed as an Observer from 2015 to 2017 by Goa University.
10. Mr. Edwin Cortez is appointed as a Chief Conductor for University examination in Don Bosco College .
11. Ms. Clarinda Dias is Member, BoS, Mass Communication and Journalism, Goa University.
12. Ms. Akshata Bhatt is Member, BoS, Parvatibai Chowgule College of Science and Arts (Autonomous).
13. Mr Prajal Sakhardande is Member of Board of Studies in History ( for the Tenure of 3 years ).
14. Ms Anju Sakhardande is a Member of Board of Studies in Konkani ( for the Tenure of 3 years 2015-2018).
15. Mr Ketan Govekar is a member of Academic Council of Goa University from July 2016 to July 2018.
16. Dr. Roshida R. Rodrigues is a member of BOS.
17. Dr. Zinia da Silva (Special invitee for restructuring CBCS syllabi) .
- 18.** Ms . Sendra Pereira (Special invitee for restructuring CBCS syllabi) .
19. Dr. Mukta Karamadi has been appointed as Vice Principal of Dhempe College of Arts & Science from 14<sup>th</sup> October 2016.

## ANNEXURE X

### RESOURCE PERSON/ PRESTIGIOUS INVITATIONS/ AWARDS

1. Ms Shilpa Naik was a resource person for Basic Computer Training for Lab Attendants from 1<sup>st</sup> to 14<sup>th</sup> December 2016. The participants were taught basics of MS Word, MS Excel, Internet and Email.
2. Ms Rumana Pathan was Preface expert to deliver a session on 'Science Behind Computer Animation' at Shri Shantadurga High School Bicholim Goa on 20<sup>th</sup> December 2016. Felicitated as a Preface Expert at Sciffi 2017 on 20<sup>th</sup> January 2017 at Maquiniz Palace, Panaji.
3. Ms Pradnya Chandgadkar was a resource person for Entrepreneurship course by MSME on MS Office & Internet at Dhempe College of Arts & Science for 18 students in Aug-Sept 2016.
4. Ms Rumana Pathan was felicitated as a Preface Expert at Sciffi 2017 on 20<sup>th</sup> January 2017 at Maquiniz Palace, Panaji for being a preface expert to deliver a session on 'Science Behind Computer Animation' at Shri Shantadurga High School Bicholim Goa on 20<sup>th</sup> December 2016.
5. Dr. M. M. Ibrampurkar participated as a Resource Person during the Tire-III Training Programme organized by Central Ground Water Board, Ministry of Water Resources, River Development and Ganga Rejuvenation on 16<sup>th</sup> December 2016 at Community Hall, Siranguli Village, Khotadem Panchayat, Sattari, Goa and delivered a lecture on "Basic Hydrogeology and Hydrogeological Scenario in Goa State".
6. Prof. R. A. Warik participated as a Resource Person during the Tire-III Training Programme organized by Central Ground Water Board, Ministry of Water Resources, River Development and Ganga Rejuvenation on 15<sup>th</sup> December 2016 at Community Hall, Siranguli Village, Khotadem Panchayat, Sattari Goa and delivered a lecture on 'Water Quality and Water Conservation Structures.'
7. Dr. Shilpa Samant was invited as a Resource Person at M.E.S College, Vasco, on 19<sup>th</sup> August 2016, to address the economics students on the different carrier options available to them after graduation.
8. Mr. Prajal Sakhardande was appointed by Government of Goa as Heritage History Consultant for the development of Aguada jail of 1624.
9. Mr. Prajal Sakhardande was appointed on the panel of Indian Citizen News (ICN) and articles on Martyr Sardar Karnail Singh Benipal and Special Status for Goa published on this online magazine.
10. Mr. Prajal Sakhardande is associated with a Documentary on you tube on the History & heritage of Goa.
11. Mr. Prajal Sakhardande was appointed as Bureau Consultant for Indian Citizen News from 24<sup>th</sup> March, 2017.
12. Mr. Prajal Sakhardande was appointed as an organising member and also participated in the Panelist in 'Goemkarponn -a future of Goa 'Seminar to commemorate Cuncolim Revolt held on 15<sup>th</sup> July, 2016.
13. Mr. Prajal Sakhardande was appointed resource Person to give a talk on 'History & Heritage of Goa' organised by Government of Arts, Science & Commerce at Sanquelim-Goa held on 13<sup>th</sup> September, 2015.
14. Mr. Prajal Sakhardande was appointed as resource Person to give a talk on 'Dr. Francis Luis Gomes' a great Goan by the United Front of Navelim, Navelim-Salcete, Goa held on 1<sup>st</sup> October, 2016.
15. Mr. Prajal Sakhardande was appointed resource Person to deliver a talk on 'History and Heritage of Peace in Goa 'by Peace & Humanity Forum at Parulekar Higher Secondary School, Verem, Bardez-Goa held on 10<sup>th</sup> October, 2016.
16. Mr. Prajal Sakhardande was invited by Salgaonkar College of Law to be a part of the Portuguese Prime Minister of Goan origin Antonio Costa's Talk at Law College Miramar, Goa held on 12<sup>th</sup> January, 2017.
17. Mr Prajal Sakhardande was Guest of Honour for Quepem Tribal festival held on 7<sup>th</sup> January, 2017.

18. Mr Prajal Sakhardande was Chief Guest for the Goemkarponn event on Goan heritage by the Department of Sociology, S. P. Chowgule College of Arts & Science, Margao, Goa held on 18<sup>th</sup> January, 2017.
19. Mr Prajal Sakhardande was Chief Guest to inaugurate Pednem Yuva Shakti at Naqgzar, Pednem, Goa held on 22<sup>nd</sup> January, 2017.
20. Mr Prajal Sakhardande was Chief Guest for the Republic Day by the Fr. Agnel Higher Secondary School of Arts & Commerce, Pilar, Goa held on 26<sup>th</sup> January, 2017.
21. Mr Prajal Sakhardande was Chief Judge for the Formalities -Inter class Festival organised by the Goa College of Pharmacy, Panaji-Goa held on 15<sup>th</sup> February, 2017.
22. Mr Prajal Sakhardande was Chief Guest on the occasion of Shiv Jayanti organised by Saraswat College of Commerce & Economics at Khorlim-Mapusa, Goa held on 18<sup>th</sup> February, 2017.
23. Mr. Prajal Sakhardande was interviewed by the National Channel CNN News 18 held on 2<sup>nd</sup> February, 2017.
24. Mr. Prajal Sakhardande was associated with the production of a film on the Historic Opinion Poll to be produced by Dinesh Bhonsle from 7<sup>th</sup> February, 2017.
25. Mr. Prajal Sakhardande was interviewed by Jyoti Kunkolienkar on Goa Doordarshan in the programme 'Gaanth Bhentt' (गान्ठ भेंट) held on 28<sup>th</sup> February, 2017.
26. Mr. Prajal Sakhardande was resource Person to deliver a talk on the topic History and heritage of Goa to M.A. History students of the Department of History Goa University held on 14<sup>th</sup> March, 2017.
27. Mr. Prajal Sakhardande was resource Person to conduct a heritage Walk for school students of Sattari and Neura as a part of extra mural programme of Goa University held on 17<sup>th</sup> March, 2017.
28. Mr. Prajal Sakhardande was resource person to deliver a talk on the topic History and heritage of Goa to 6<sup>th</sup> and 7<sup>th</sup> std. students of Sharda Mandir Miramar held on 20<sup>th</sup> March, 2017.
29. Mr. Prajal Sakhardande was interviewed by Zee news on completion of 174 years for Panaji being declared as the Capital held on 27<sup>th</sup> March, 2017.
30. Mr. Prajal Sakhardande was interviewed by HCN Channel held on 29<sup>th</sup> March, 2017.
31. Mr. Prajal Sakhardande was interviewed by National Punjabi Channel on history of Goa in their programme 'Apne Bande' held on 11<sup>th</sup> April, 2017.
32. Mr. Prajal Sakhardande was interviewed by HCN Channel on their 'Good Morning Goa' T.V. show held on 13<sup>th</sup> April, 2017.
33. Mr Prajal Sakhardande was a Resource Person to give a presentation on 'History & Heritage of Goa from earliest times to 2016' for SYBA students of BBA by Rosary College of Arts & Commerce, Navelim- Salcete, Goa held on 1<sup>st</sup> March, 2017.
34. Mr Prajal Sakhardande was invited to speak at the Save Bondval historical heritage Lake Campaign held on 9<sup>th</sup> April, 2017.
35. Mrs. Anju Sakhardande was a resourceperson in the State level Symposium titled 'Challenges in Higher Education in Konkani' organised by the Department of Konkani, Goa University at Taleigao, Goa held on 22<sup>nd</sup> February, 2017.
36. Ms Anju Sakhardande Chaired one Session in the One day Nationallevel Student's Seminar titled 'The Historic Language movement in the Western Coastal States of India' jointly organised by the Departments of History & Konkani of Rosary College of Arts & Commerce, Navelim- Salcete, Goa held on 2<sup>nd</sup> March, 2017.
37. Mr. Vinayak Bapat was a resource person to address the parents and teachers on issues and challenges in education at the P.T.A. meeting students organised Dnyanprasarak Mandal Higher secondary School, on 16<sup>th</sup> July, 2016 Bicholim, Goa.
38. Mr. Vinayak Bapat was invited as a Judge and as a speaker for the B. B. Borkar Birth Anniversary celebrations at the Institute Menezes Braganza on 8<sup>th</sup> July, 2016 Panaji, Goa.
39. Mr Vinay Bapat was invited as a Speaker on the topic 'B. B. Borkar' to the B. A. students organised by the Department of Marathi , Government College of Arts & Science, Khandola, Goa on 18<sup>th</sup> July, 2016 Panaji, Goa.

40. Mr Vinay Bapat was invited as a Chief Guest for the N.S.S. Unit installation ceremony organised by Dr. K. B. Hedgewar Higher Secondary School, Mala on 10<sup>th</sup> August, 2016 Panaji, Goa.
41. Mr Vinay Bapat was invited to deliver a Talk on the topic 'India's Freedom Struggle and Youth' to the students of Marathi department and inaugurated Marathi Yuva Urja Manch organised by the Mallikarjun College of Arts & Science, on 20<sup>th</sup> August, 2016 at Canacona, Goa.
42. Mr. Jayaprabhu Kamble was a judge for the Elocution competition on 21-22<sup>nd</sup> August, 2016 organised by Dr. Ghali College, Gadahinglaj.
43. Mr. Jayaprabhu Kamble was invited as a Poet in the National level Poet's Meet titled 'Kavyahotra-2016'-76 hours Non stop presentation of Poetry in 26 Indian languages organised by Kala Academy from 21-24<sup>th</sup> July, 2016 at Panaji, Goa.
44. Mr. Jayaprabhu Kamble interviewed Dr. Akshaykumar Kale, President of Akhil Bharatiya Marathi Sahitya Sammelan on 28<sup>th</sup> August, 2016 at Panaji, Goa.
45. Mr. Jayaprabhu Kamble received travel grant fellowship granted by Sahitya Akademi as per the letter dated 4<sup>th</sup> April, 2017 to be utilized on or before 31<sup>st</sup> March, 2018.
46. Dr. Ketan S Govekar was resource person for "The Stark Reality of Identity Politics in India" Keynote address at State level Symposia "Identity Politics in the Making of Conflict or Confluence" organized by Apostolate for Inter-religious Dialogue, Margao, Goa 29<sup>th</sup> January 2017.
47. Dr. Ketan S Govekar was Resource Person for 95<sup>th</sup> Orientation Programme for Assistant Professors at UGC-Goa University's HRDC on 19<sup>th</sup> January 2017.
48. Dr. Ketan S Govekar was Resource Person for Refresher Programme for Assistant Registrars at UGC-Goa University's HRDC on 9<sup>th</sup> March 2017.
49. Dr. Ketan S Govekar was Resource Person for 96<sup>th</sup> Orientation Programme for Assistant Professors at UGC-Goa University's HRDC on 3<sup>rd</sup> April 2017.
50. Ms Sendra Pereira contributed as a Resource Person to the Study India Programme (2016-2017) conducted by Goa University for the students of The Nihon University, Japan.
51. Ms. Mukta Karamadi was a Resource person at the State Level Workshop titled 'Rape: A Socio-Psycho-Medico-Legal Study' organized by Hurakadli Ajja Law College, Dharwad and Karnataka State Commission for Women, Bangalore on 11<sup>th</sup> September 2015 at Dharwad.
52. Mukta Karamadi has been awarded PhD by Karnatak University, Dharwad on 21<sup>st</sup> January 2017.
53. Mr. Mohammad Rafi. Hanchinal has been awarded Phd by Goa university , Goa in February 2017.
54. Dr Ketan Govekar Won Third Prize for National level competition on "Annual Case Study Competition" organized by Indian Institute of Public Administration (IIPA) New Delhi November 2016.
55. Mr. Prajal Sakhardande was awarded State Level Business Goa Award in the field for preservation of Heritage of Goa at Hotel Marriott's, Miramar-Panaji, Goa held on 30<sup>th</sup> April, 2017.
56. Dr. Vrinda Borker was awarded the Best Educationist Award by the International Institute of Education and Management, New Delhi for her remarkable contribution in the field of education and industry linkage on 3<sup>rd</sup> June 2017.
50. Dr. Vrinda Borker was awarded the prestigious National Mahila Rattan Gold Medal Award by Indian Solidarity Council, New Delhi on 3<sup>rd</sup> June 2017.

#### **Special achievements of students and faculty members:**

1. Miss Saili Bhonsle, alumni of dept. of chemistry, stood 1<sup>st</sup> at M.Sc in Inorganic Chemistry 2016.
2. Miss Safia Khan, alumni of dept. of chemistry stood 1<sup>st</sup> at M.Sc in Analytical Chemistry 2016.
3. An interview of the Biotechnology staff was conducted by Mr. Nagesh Sardesai from Prime TV on 29<sup>th</sup> September 2016.
4. Psychology students participated in a state level inter collegiate event "Mindkraft" Chowgule College and won the overall trophy.

5. Two T.Y.B.Sc. students won 1<sup>st</sup> and 2<sup>nd</sup> place for poster presentation at the National Seminar.
6. Dr. Shilpa Samant and Mr. Prajal Sakhardande acted in two separate Anti Tobacco Documentary films and participated in the competition organized by ESG, Goa. Both the documentaries bagged 3<sup>rd</sup> and 5<sup>th</sup> prizes respectively.