



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		GOA UNIVERSITY
Name of the head of the Institution		Prof. Varun Sahni
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08322451097
Mobile no.		8669609005
Registered Email		registrar@unigoa.ac.in
Alternate Email		iqac@unigoa.ac.in
Address		Taleigao Plateau
City/Town		Goa
State/UT		Goa
Pincode		403206
2. Institutional Status		

University	State
Type of Institution	Co-education
Location	Semi-urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. Pranab Mukhopadhyay
Phone no/Alternate Phone no.	08322451097
Mobile no.	8669609095
Registered Email	iqac@unigoa.ac.in
Alternate Email	pm@unigoa.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.unigoa.ac.in/uploads/config_docs/20181206.112727~AQAR_2017-18_26xi2_018.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.unigoa.ac.in/academics/a/general-info/calendar.html

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	B	2.6	2009	08-Mar-2009	07-Mar-2014
3	A	3.09	2014	24-Sep-2014	23-Sep-2019
1	Four Star	0	2001	10-Feb-2001	09-Feb-2006

6. Date of Establishment of IQAC	11-Jul-2009
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Lectures at various occasions on Scholarly communication and related aspects	02-Jun-2018 36	376
IQAC Meeting	21-Jun-2018 3	15
IQAC Meeting	28-Sep-2018 3	10
IQAC Meeting	21-Feb-2019 3	14
IQAC Meeting	26-Feb-2019 2	24
AQAR Submission	04-Dec-2018 100	1
Participation in NIRF	30-Nov-2018 100	1
Participation in India Today Ranking	30-Jan-2019 100	1
Participation in The Week Ranking	30-Apr-2019 100	1
Participation in QS World Univ Ranking for BRICS	30-Jun-2019 50	1
Pre-NAAC Review (Assessment & Accreditation) exercise	26-Feb-2019 30	1
IQAC Pre-assessment workshop for NAAC preparations (Faculty & Staff)	13-Mar-2019 9	96
IQAC Pre-assessment workshop for NAAC preparations (Students)	22-Mar-2019 7	67
Conduct of Student feedback cycle one	19-Nov-2018 60	1
Conduct of Student feedback cycle two	26-Apr-2019 60	1
Research Incentives Fund (Introduction & Management)	01-Apr-2018 5	1
Quality audit of publications in the applications received for recognition of Guide for PhD	01-Apr-2018 30	1
NAAC Preparation: Assistance to the committee	15-Jun-2018 100	1
Website content management	01-Jun-2019 2000	1

Institutional repository and databases management	15-Jun-2019 100	1
Data collection from PBAS	01-Jul-2019 100	1
Annual Report compilation	01-Oct-2019 50	1
Scientific Writing Workshop	07-May-2019 24	25
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dept. of Botany	SAP DRS Phase III	UGC	2015 5	10800000
Dept. of Chemistry	SAP DSA-I	UGC	2015 5	18000000
Dept. of Chemistry	FIST	DST	2014 5	24000000
Dept. of Marine Sciences	FIST	DST	2015 6	10000000
Dept. of Physics	SAP DRS-Phase III	UGC	2016 5	7600000
Dept. of Physics	FST	DST	2014 5	14000000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

PreNAAC Review Establishment of Research Incentives Fund Development and website upload of a database on MoUs and Awards received by the faculty Research publication: Mukhopadhyay, P. Tapaswi, M.P. Sudarsan, P.K. Sudarsan, K. Assessing the quality of higher education institutions in India: an alternative framework. Current Science. 114(6) 2018 11671173.
<http://www.currentscience.ac.in/Volumes/114/06/1167.pdf> Analysis and sharing data with the faculty on collaborations

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Ground work for NAAC: 4th cycle	Data collection substantially done
Adjunct Faculty (Professor of Practice)	Proposal prepared for University
Corporate Training - Executive MBA Programme	Programme in place
Establishment of New Schools and Departments (Interdisciplinary Studies, Skills development, Value education)	Schools in place (Goa Business school; School of Chemical Science; School of Earth, Ocean and Atmospheric Sciences; School of Sanskrit & Indic Knowledge Systems)
Introduction of database on awards received by the faculty on the website	Established. http://info.unigoa.ac.in/awards_yrwise.php
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC Committee	28-Sep-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

27-Apr-2019

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Goa University envisaged the creation and establishment of an Information and Communication Technology framework for improving the efficiency of delivery of its services to all its stakeholders - the students, teaching faculty, administrative staff and the general public at large and titled as Goa University Management System (GUMS). The entire project is envisaged to be implemented in three phases with 27 modules. The solution is hosted centrally at the University's Computer Center along with other infrastructure support. Salient Features of the GUMS are:</p> <ul style="list-style-type: none"> • Management of students life cycle • Facilitates accurate report generation for monitoring and quick decisionmaking • Reduction of redundant workload • Electronic security and control on confidential data • Timely disposal of stakeholder grievances • Dissemination of information as required <p>Currently operational modules are listed below.</p> <p>Sr. No. Module</p> <ol style="list-style-type: none"> 1. Affiliation Module 2. Admission Module 3. Student Enrollment Module with Eligibility, Migration, Transcript 4. Examination Module (Partly implemented) 5. Programme Course Management 6. Convocation Module 7. Teacher's Information Module 8. Student Self Service Portal 9. Fees Management 10. University Notification Communication 11. HRMS 12. Funded Project Management 13. Hostel Management 14. Guest House 15. Transport Fleet Management 16. Student Alumni 17. Student Activities 18. Health Centre 19. Document Management 20. UGC - Human Resource Development Centre 21. RTI Module

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MSc	BO	BOTANY	15/11/2018

MSc	BO	BOTANY	08/03/2019
MSc	BO	BOTANY	10/05/2019
MSc	CH	CHEMISTRY	12/04/2019
MSc	MT	MATHEMATICS	10/05/2019
MA	EG	ENGLISH	25/07/2018
MA	EG	ENGLISH	15/11/2018
MA	EG	ENGLISH	08/03/2019
MBA	EM	MBA-EXECUTIVE	08/12/2018
MSc	MB	MARINE BIOTECHNOLOGY	12/04/2019
MSc	GB	BIOTECHNOLOGY	12/04/2019
MSc	GL	APPLIED GEOLOGY	12/04/2019
MA	HS	HISTORY	15/11/2018
MA	IR	INTERNATIONAL STUDIES	15/11/2018
MA	IR	INTERNATIONAL STUDIES	10/05/2019
MLibISc	ML	LIBRARY SCIENCE	15/11/2018
MA	MR	MARATHI	10/05/2019
MSc	MS	MARINE SCIENCE	07/06/2018
MSc	MS	MARINE SCIENCE	15/11/2018
MSc	PH	PHYSICS	08/03/2019
MA	PS	POLITICAL SCIENCE	08/03/2019
MA	SO	SOCIOLOGY	08/03/2019
MA	SO	SOCIOLOGY	10/05/2019
MBA	HTC	HOSPITALITY & TOURISM	15/11/2018
PG Diploma	MLT	MEDICAL LABORATORY TECHNICIAN	10/05/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MA	Sociology SOO 209: Social Gerontology	10/05/2019
MA	Sociology SOO 210:	10/05/2019

	Environmental Sociology	
MA	Sociology SOO 213: Sociology of Gender	10/05/2019
MA	Sociology SOO 214: Sociology of Development	10/05/2019
MA	Sociology SOO 215: Sociology of Religion	10/05/2019
MA	Sociology SOO 216: Engaging with Contemporary Ethnographies	10/05/2019
MA	Sociology SOO 217: Out in the Field - Experimenting Ethnographic Fieldwork	10/05/2019
MA	Sociology SOO 218: Understanding Contemporary Music - Music Notations and Social Processes	10/05/2019
MA	Sociology SOO 219: Tibetan Religious Life: An Introduction to Nalanda Tradition	10/05/2019
PG Diploma	International Relations Certificate of Proficiency in Spanish Language (Entire programme)	15/11/2018
BA	French (entire programme)	15/06/2018
MBA	MBA Executive Programme (entire programme)	10/12/2018
MA	English (EGO: 134 Graphic Novel)	15/11/2018
MA	History HSC-150 "Doing History": An Introduction to Historical Methods	15/11/2018
MA	History HSC-151 Debates in Indian History (Up to 18th Century)	15/11/2018
MA	History HSC-152 History and Theory	15/11/2018
MA	History HSC-153 Early Modern Europe 1300-1750	15/11/2018
MA	History HSC-154 India and the Indian Ocean	15/11/2018
MA	History HSC-155 Indian National Movement (1857-1947)	15/11/2018
MA	History HSC-156 Colonialism and	15/11/2018

	Nationalism in Asia	
MA	History HSC-157 Issues and Debates in Goan History	15/11/2018
MA	History HSO-124 Oral History	15/11/2018
MA	History HSO-160 History of India, 1757-1857	15/11/2018
MA	History HSO-161 Modern West Asia	15/11/2018
MA	History HSO-162 History, Heritage and Tourism: Themes and Issues	15/11/2018
MA	History HSO-163 Trade and Urbanization in India - I	15/11/2018
MA	History HSO-164 Trade and Urbanization in India - II	15/11/2018
MA	History HSO-165 Aspects of State and Society in India (BCE 600-ACE 600)	15/11/2018
MA	History HSO-166 Environmental History of India	15/11/2018
MA	History HSO-167 Construction and Representation of Goan Identity	15/11/2018
MA	History HSO-169 Economic History of Medieval India	15/11/2018
MA	History HSO-171 An Introduction to Museology	15/11/2018
MA	History HSO-172 Oral History	15/11/2018
MA	History HSO-173 A History of Portuguese Colonialism, 1415-1974	15/11/2018
MA	History HSO-174 A History of Indian Diaspora	15/11/2018
MA	History HSO-175 Imperialism and Decolonisation in Africa	15/11/2018
MA	History HSO-176 Polity and Economy of the Marathas (1600-1800)	15/11/2018
MA	History HSO-177 Historiography in India	15/11/2018
MA	History HSO-180 Tribal and Peasant Movements in India (1855-1951)	15/11/2018

MA	History HSO-182 History of India (1947-1984)	15/11/2018
MA	History HSO-183 History of U.S.A. : From Isolation to Dominance (1898-1945)	15/11/2018
MA	History HSO-184 Modern Europe (1789-1989)	15/11/2018
MA	History HSO-185 Aspects of Socio-Cultural History of the Marathas	15/11/2018
MA	History HSO-200 History and the Disciplines	15/11/2018
MA	History HSO-201 History and the Disciplines	15/11/2018
MLibSc	Library Science MLO 107 : Ethics in Academic Writing	15/11/2018
MLibSc	Library Science MLO 208 : Development of MOOC Modules	15/11/2018
MBA	IMBA HTC 125 Front Office Practical 2	15/11/2018
MBA	IMBA HTC 126 Accommodation Operation Practical 2	15/11/2018
MBA	IMBA HTO 113 Fruit & Vegetable Carving	15/11/2018
MBA	IMBA HTO 114 Travel Writing	15/11/2018
MBA	IMBA HTO 115 Global Cuisine	15/11/2018
MSc	Physics PHO 317 Introduction to Crystallography and X-ray Diffraction	08/03/2019
MSc	Botany BOO-436 Marine Phytoplanktons	08/03/2019
MA	Political Science SE101 Indian Constitution and the Marginalised	08/03/2019
MA	Political Science SE102 Human Rights and Vulnerable groups.	08/03/2019
MA	Sociology SOO 220 Social Exclusion: Theories, Concepts, and Policies	08/03/2019
MSc	Marine BIotechnology MBC 187:Cell Biology	12/04/2019

MSc	Biotechnology GBO 182 Marine Microbiology & Ecology	12/04/2019
MA	Marathi MRO-201 A Study of Folk Literature	10/05/2019
MA	Marathi MRO-202 Goan Marathi Literature	10/05/2019
MA	Marathi MRO-203 Translation: Theory and Application	10/05/2019
MA	Marathi MRO-204 Marathi Prose and Poetry: Post 1960 period	10/05/2019
MA	Marathi MRO-205 A Study of 17th Century Goan Christian Marathi Literature	10/05/2019
MA	Marathi MRO-206 Sociological Study of Literature	10/05/2019
MA	Marathi MRO-207 Research Methodologies and Techniques	10/05/2019
MA	Marathi MRO-208 Science Fiction in Marathi	10/05/2019
MA	Marathi MRO-209 Autobiographies of Women in Marathi	10/05/2019
MA	Marathi MRO-210 A Study of Dalit Literature	10/05/2019
MA	Marathi MRO-211 Professional Marathi	10/05/2019
MA	Marathi MRO-212 Marathi Literature: Transform & Trans-media	10/05/2019
MA	Marathi MRO-213 World Literature in Marathi Translation	10/05/2019
MA	Marathi MRO-214 Indian Literature in Marathi Translation	10/05/2019
MA	Marathi MRO-215 Ancient Indian Literature in Marathi Translation	10/05/2019
MA	Marathi MRO-216 Mythological Literature in Marathi	10/05/2019
MA	Marathi MRO-217 Historical Literature in Marathi	10/05/2019

MA	Marathi MRO-218 Applied Criticism	10/05/2019
MA	Marathi MRO-219 Creative writing	10/05/2019
MA	Marathi MRO-220 Ideological Literature in Marathi	10/05/2019
MA	Marathi MRO-221 Marathi Comedy Literature	10/05/2019
MA	Marathi MRO-222 Moaddi : Linguistic and Literary Tradition	10/05/2019
MA	Marathi MRO -223 Periodicals in Marathi-1832-1960	10/05/2019
MA	Sociology SOC 105: Recent Trends in Sociological Theorising	10/05/2019
MA	Sociology SOO 204: Education and Society	10/05/2019
MA	Sociology SOO 205: Understanding Goa	10/05/2019
MA	Sociology SOO 207: Urban Sociology	10/05/2019
MA	Sociology .SOO 208: Sociology of Medicine	10/05/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MlibSc	Library Science MLO 107 : Ethics in Academic Writing	15/11/2018
MlibSc	Library Science MLO 208 : Development of MOOC Modules	15/11/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Human Rights (PYO116/ PYO106)	15/06/2018	8
Environmental Ethics (PYO 117/ PYO 107)	15/06/2018	12
Advanced Political Reporting and Analysis (PS204)	15/06/2018	15

Spanish Language Level - I (Beginners) (IRO 121)	15/06/2018	14
Spanish Language Level - II (Advanced) (IRO 122)	15/06/2018	14
Certificate of Proficiency in Spanish Language	15/06/2018	10
Diploma of Proficiency in Spanish Language	01/02/2019	0
Ecotourism (BOO447)	15/06/2018	6
Communication and Technical Skills (ELD 404)	01/09/2018	26
Scientific and Technical Translation (FRO113)	01/09/2018	7
French for Hospitality and Tourism (FRO119)	01/09/2018	7
Industrial Training (Summer Internship) (GLO290)	15/06/2018	22
Mining Geology (GLO207)	15/06/2018	22
Petroleum Geology (GLO202)	15/06/2018	22
Geological Field Training (GLC122)	15/06/2018	22
Geological Field mapping (GLC121)	15/06/2018	14
Environmental impact assessment (MSO 276)	15/06/2018	16
Bioaccumulation and phytoremediation (MSO 367)	15/06/2018	16
Remote sensing (MSO 264)	15/06/2018	16
Scuba diving (MBO 191)	15/06/2018	14
Exploring the Marine Environment : Diver Technical diving and under water sampling techniques (MBO 411)	27/06/2018	30
GSIC (Gender Sensitive Intervention for Change) (WSC 117)	15/06/2018	4
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MLibSc	Library and Information Studies (ML)	18

MA	Portuguese (PR)	1
MA	Women's Studies (WS) Field Project	4
MA	Women's Studies (WS) Dissertation	4
MA	Women's Studies (WS) Field Work	4
MSc	Physics (PH)	6
MSc	Biochemistry (Dissertation) (BCD)	2
MSc	Biochemistry (Field trip/Study tour [P]) (BCO 201 P)	2
MSc	Biochemistry (Training in an Institute / Industry / University) (BCO 202)	1
MSc	Marine Microbiology (Dissertation) (MMD)	2
MSc	Marine Microbiology (Field trip/Study tour [P]) (MMO 201 P)	5
MSc	Marine Microbiology (Training in an Institute / Industry / University) (MMO 202)	3
MSc	Microbiology (Dissertation) (MID)	10
MSc	Microbiology (Field trip/Study tour [P]) (MIO 201 P)	20
MSc	Microbiology (Training in an Institute / Industry / University) (MIO 202)	4
MSc	Applied Geology (GL)	44
MSc	Biotechnology (BT)	9
MSc	Chemistry (CH)	10
MSc	Marine Biotechnology (MB)	13
MSc	Marine Biotechnology Summer training	10
MSc	Biotechnology Summer training	3
MSc	International Studies: Research Methodology (IRC 103)	4
MSc	International Studies: Dissertation (IRD 120)	2
MSc	Industry internship	52

MSc	Applied Geology: Field Training at Field Training Centre, Geological Survey of India, Chitradurga, Karnataka	16
MSc	Applied Geology: Field visit to Well site and Training (ONGC & AMD) at Vadodara.	22
MSc	Marine Sciences: Field Training in the estuarine and ocean cruises	37
MA	Sociology (Field based dissertation)	6
MBA	Summer Internship	62
MBA	Final Internship	69
MBA	Strategic Management	62
MBA	IMBA Summer Internship	89
MBA	IMBA Final Internship	27
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	No
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>1. Students: A questionnaire containing 22 questions is shared with the students on SurveyMonkey (service provider). It consists of two parts: (i) Feedback on course and (ii) Feedback on course instructor. A message and link is provided to the students over email (via service provider) requesting provide feedback for every course they attended at the end of semester. Students respond to the questions selecting one of the four options: Satisfactory/ Unsatisfactory/ Good/ Bad. The HoDs pursue students to submit feedback. Maximum feedback is collected for about a fortnight. The analysis of the feedback given by the students is done by the service provider. The analysis of the results (in the form of graphs per question) are downloaded and shared with the HoD after about a fortnight. Based on the feedback, the HoDs and concerned course instructors take necessary action for improvement, if any.</p> <p>2. Teachers: The feedback on Google Forms is collected from teachers in the form of PBAS.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	French and Francophone studies	10	13	9
BLibSc	Library and Information Science	25	52	25
MBA	Hotel and Tourism Management	40	58	31
MA	Economics	40	81	39
MA	English	50	85	56
MA	French and Francophone studies	15	13	8
MA	Hindi	40	48	26
MA	History	55	58	42
MA	International Studies	15	13	6
MA	Konkani	50	69	43
MA	Marathi	30	39	26
MA	Philosophy	15	8	7
MA	Political Science	30	49	31
MA	Portuguese & Lusophone studies	15	14	4
MA	Sociology	20	29	14
MA	Women's Studies	15	11	4
MCA	Computer Applications	60	83	58
MCom	Commerce	60	556	66
MLibSc	Library and Information Science	20	21	18
MSc	Biochemistry	20	27	12
MSc	Biotechnology	20	42	21
MSc	Botany	30	60	26
MSc	Chemistry	80	372	79
MSc	Applied Geology	25	48	20
MSc	Electronics	15	27	10
MSc	Marine Biotechnology	26	26	9

MSc	Marine Microbiology	20	35	8
MSc	Marine Sciences	25	74	18
MSc	Mathematics	30	93	28
MSc	Microbiology	20	104	20
MSc	Physics	40	74	41
MSc	Zoology	30	97	30
MBA	Business Administration	60	97	64
MBA	Financial Services	60	77	43
PG Diploma	Clinical Genetics and Medical Lab. Techniques	20	34	20
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	143	1794	0	158	4

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
162	162	17	67	67	21

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The mentoring system as of now in the University is informal. The students meet the teachers of their trust and seek help in finding solutions to the problems. The mentors at times in case if the problem is of psychological or personal nature refer to the Counsellor available on the campus by appointment.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2058	115	18:1

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned	No. of filled positions	Vacant positions	Positions filled during	No. of faculty with
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positions			the current year	Ph.D
193	115	78	18	95

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Gad, R.S.	Professor	IEEE Senior Member
2018	Nayak, G.N.	Professor	Expert member, Goa State Wetland Authority (GSWA) from 20162020
2018	Nayak, G.N.	Professor	Expert member, State Level Steering Committee (SLSC) for National Adaptation Fund for Climate Change (NAFCC), Goa from 20172020
2018	Wagle, Anuradha	Professor	Nation Builder Award, Rotary Club of Panaji
2019	Desouza, Shaila	Professor	Member, Goa State Commission for Women
2019	Fernandes, A.R.	Professor	Member, General Council and Finance Committee of Tiatr Academy of Goa [Govt. of Goa]
2019	Ganguly, S.	Assistant Professor	Young Scientist Award - 2018 (Ministry of Mines (Govt. of India))
2019	Kamat, N.M.	Assistant Professor	Felicitated by legislative assembly of Goa by an unanimous resolution of the house
2019	Kamat, N.M.	Assistant Professor	Chairman, Drafting committee on State Library Policy (20192021), Govt. of Goa, Dir. of Art and Culture
2019	Mandrekar, Vrushali	Professor	Acharya Chanakya Samman, International Divya Parivar Society

			NewDelhi
2019	Mishra, R.N.	Professor	Acharya Chanakya Samman, International Divya Parivar Society NewDelhi
2019	Rivonker, C.V.	Professor	Expert Member, Goa State Biodiversity Board (GSBB), Department of Environment, Govt. of Goa
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MA	HS	2019	30/04/2019	04/06/2019
MBA	HT	2019	25/06/2019	27/08/2019
MA	IR	2019	30/04/2019	06/06/2019
MA	KK	2019	29/04/2019	03/06/2019
BLibSc	BL	2019	30/04/2019	13/06/2019
MLibSc	ML	2019	30/04/2019	17/06/2019
MCA	CS	2019	08/06/2019	28/08/2019
MCom	CO	2019	07/05/2019	27/06/2019
MA	MR	2019	29/04/2019	03/06/2019
MSc	MB	2019	03/05/2019	12/06/2019
MSc	MM	2019	29/04/2019	07/06/2019
MSc	MS	2019	30/04/2019	14/06/2019
MSc	MT	2019	30/04/2019	11/06/2019
MBA	MB	2019	30/04/2019	15/07/2019
MBA	FS	2019	08/05/2019	03/07/2019
MSc	MI	2019	30/04/2019	07/06/2019
MA	PY	2019	30/04/2019	06/06/2019
MSc	PH	2019	06/05/2019	20/09/2019
MA	PS	2019	30/04/2019	07/06/2019
MA	PR	2019	29/04/2019	04/06/2019
MA	SO	2019	30/04/2019	04/06/2019
MA	WS	2019	30/04/2019	10/06/2019
MSc	BC	2019	03/05/2019	07/06/2019
MSc	GB	2019	03/05/2019	12/06/2019

MSc	BO	2019	30/04/2019	07/06/2019
MSc	CH	2019	30/04/2019	06/06/2019
PG Diploma	DL	2019	29/04/2019	03/06/2019
MSc	GL	2019	30/04/2019	14/06/2019
MA	EC	2019	30/04/2019	04/06/2019
MSc	EL	2019	30/04/2019	19/07/2019
MA	EG	2019	30/04/2019	17/06/2019
MA	HN	2019	29/04/2019	03/06/2019
View File				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
15	809	1.85

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.unigoa.ac.in/uploads/config_docs/20200219.103525~PO_PSO.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
MS	MSc	Marine Science	17	15	88.24
MT	MSc	Mathematics	24	6	25
MB	MBA	Business Administration	57	55	96.49
FS	MBA	Financial Services	45	45	100
MI	MSc	Microbiology	20	18	90
PH	MSc	Physics	31	23	74.19
PS	MA	Political Science	25	23	92
PR	MA	Portuguese & Lusophone studies	9	8	88.89
SO	MA	Sociology	21	19	90.48
WS	MA	Women's Studies	4	4	100
ZO	MSc	Zoology	24	23	95.83
BC	MSc	Biochemistry	2	1	50
GB	MSc	Biotechnology	18	18	100

		Y			
BO	MSc	Botany	14	10	71.43
CH	MSc	Chemistry	74	57	77.03
DL	PG Diploma	Clinical Genetics and Medical Lab. Techniques	20	11	55
GL	MSc	Applied Geology	22	22	100
EC	MA	Economics	22	18	81.82
EL	MSc	Electronics	4	4	100
EG	MA	English	37	33	89.19
HN	MA	Hindi	32	31	96.88
HS	MA	History	36	25	69.44
HT	MBA	Hospitality, Travel & Tourism	15	15	100
IR	MA	International Relations	4	3	75
KK	MA	Konkani	42	41	97.62
BL	BLibSc	Library and Information Science	23	23	100
ML	MLibSc	Library and Information Science	18	18	100
CS	MCA	Computer Applications	53	41	77.35
CO	MCom	Commerce	59	57	96.51
MR	MA	Marathi	15	15	100
MB	MSc	Marine Biotechnology	13	12	92.31
MM	MSc	Marine Microbiology	5	3	60
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://info.unigoa.ac.in/AQAR2018-19/2_7_1_Student_Satisfaction_Survey.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency

International	Morajkar, Pranay	Visiting Scientist	05/07/2018	DST (IndiaEuropean Inno INDIGO Partnership Programme)
International	Gomes, Natasha	International Teacher Training Scholarship	04/10/2018	Institut Francais en Inde/ French Embassy in India
International	Dharwadkar, Kshama	Scholarship to Summer University of Francophonie, Nice, France	03/05/2019	University of Francophonie, Nice, France
View File				

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Visvesvaraya Scholar (Electronics) (1 fellow)	5	DeITY
DST Inspire (1 fellow)	5	DST
Foreign Research Scholar (Mgmt) (1 fellow)	4	Ministry of Higher Education, Government of Yemen
NET CSIR JRF (5 fellows)	5	CSIR New Delhi
JRF (UGC) (7 fellows)	3	UGC
JRF (DBT) (1 fellow)	3	DBT
JRF (IUAC) (1 fellow)	2	IUAC
SRF (1 fellow)	3	CSIR New Delhi
SRF (2 fellows)	3	UGC
SRF (4 fellows)	3	UGC (Maulana Azad)
PDF (2 fellows)	2	DST
PDF (1 fellow)	3	CSIR (SP Mukherjee)
View File		

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	3	DSTE, Govt. Of Goa	11.15	0.19
Minor Projects	1	DSTE, Govt. Of Goa	3	3
Major Projects	2	DSTE, Govt. Of Goa	7.14	4.28

Major Projects	3	UGC	6.87	2.99
Major Projects	3	UGC	6	0.33
Major Projects	3	UGC	9.33	1.67
Major Projects	3	UGC	6.37	0.13
Major Projects	3	UGC	14.39	0.34
Major Projects	3	UGC	6.5	1.93
Major Projects	3	UGC	12.58	3.46
Major Projects	3	UGC	12.58	1.8
Industry sponsored Projects	0.25	Aditya Environmental Services Pvt. Ltd.	5.05	5.05
International Projects	1	International Centre for Integrated Mountain Development, Kathmandu, Nepal	4.08	1.45
International Projects	1	International Centre for Integrated Mountain Development, Kathmandu, Nepal	4.29	1.46
International Projects	1	International Centre for Integrated Mountain Development, Kathmandu, Nepal	2.52	1.45
Major Projects	3	UGC	6	2.93
Major Projects	4	CSIR	24.86	2
Major Projects	3	CSIR	9.27	2.92
Major Projects	3	CSIR	24.96	12.32
Major Projects	7	MoES	47.37	0.11
Major Projects	4	MoES	61.23	14.56
Major Projects	4	ISRO	86.65	14.56
Major Projects	3	ISRO	20	4.3
Major Projects	3	DST	11.5	2.55
Major Projects	3	DST	48.4	0.34
Major Projects	3	DST	16.89	0.2
Major Projects	3	DST	53.98	0.33
Major Projects	4	Deity	36	0.84

Major Projects	5	Deity	203	9.49
Major Projects	5	Deity	63.88	45.57
Major Projects	3	NRB	61.41	2.68
Major Projects	3	ICSSR	8.25	3.3
Major Projects	3	SERB DST	42.11	8
Major Projects	3	SERB DST	29	4
Major Projects	3	SERB DST	49.5	4.8
Major Projects	1	Min. of Women and Child Development, GOI and the Dept. of Women and Child, Govt. of Goa	40	8.01
Major Projects	3	SERB DST	41.16	4
Major Projects	0.5	Finance Commission of India	4.5	2.25
Major Projects	5	DBT	35.71	0.64
International Projects	3	DBT(India) and BBSRC(UK)	114	12.84
Major Projects	5	DBT	88	24.7
Major Projects	3	DSTE, Govt. Of Goa	6.78	3
View File				

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Scientific Writing	Electronics	07/05/2019
ACM Summer School on Data Sciences	Computer Science and Technology	04/06/2018
Workshop on NoSQL and Docker	Computer Science and Technology	10/09/2018
Solving real world optimization problems	Computer Science and Technology	10/01/2019
Fair Allocations	Computer Science and Technology	22/02/2019
Drupal Camp	Computer Science and Technology	02/03/2019
Cadre d'or	French and Francophone Studies	20/05/2019
International Teachers Training Session for Teachers of South Asia	French and Francophone Studies	21/09/2018
International Conference	Biotechnology	21/09/2018

on Promoting Entrepreneurship in Goa for cultural sustainability		
Workshop on Biotechniques	Biotechnology	29/11/2018
IPR, Commercialisation and its Challenges	Management Studies	12/10/2018
View File		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Novel artificial foam production technique for studying aquatic hyphomycetes under laboratory conditions	Khandeparkar, Swasha (Dept of Botany)	RSN PES College of Arts Science, Farmagudi, Goa	09/03/2019	Student
EMedikit, an Android app for helping patients keep track their medicines and doctor appointments	Lotlekar, Alisha Fernandes, Jolwina Shirodker, Yogeeta (Dept of Electronics)	ACM	08/10/2018	Student
Social Environmental Innovation	Parsekar, Kiran (Dept of Womens Studies)	MHRD, New Delhi	11/04/2019	Student
View File				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Zoology	2
Biotechnology	3
Chemistry	7
Commerce	9
Computer Science and Technology	5
Earth Science	2

Electronics	3
English	1
Hindi	1
Economics	2
French and Francophone Studies	1
Marathi	1
Political Science	1
Botany	3

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Biotechnology	11	2.39
International	Botany	15	3.14
International	Chemistry	44	2.13
International	Commerce	4	0
International	Computer Science and Technology	2	0
International	Earth Science	5	3.04
International	Economics	2	0.75
International	Electronics	2	2.94
International	English	1	0
International	French	1	0
View File			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science and Technology	5
Economics	1
English	3
Electronics	5
Hindi	2
History	1
French and Francophone Studies	1
International Relations	2
Management Studies	1
Marine Sciences	1
Microbiology	7
Physics	1
Political Science	1
Portuguese	1

Social Exclusion and Inclusive Policy	3
Sociology	2
Zoology	2
Biotechnology	8
Botany	2
Chemistry	10
Commerce	2
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Title: Method for synthesis of Diammonium Monomolybdate Inventors: Srinivasan, B.R. Morajkar, S. Patentee: Goa University	Filed	2018210435	19/11/2018
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Extensional collapse of the Gondwana orogen: Evidence from Cambrian mafic magmatism in the Trivandrum Block, southern India	Yang, QY. Ganguly, S. Santosh, M. Shaji, E. Dong, Y. Nanda Kumar, V.	Geoscience Frontiers	2019	1	Goa University	1
Preparation characterization and magnetic properties of Zn sub(1-x)Co sub(x)O nanoparticle	Salkar, K.Y. Tangsali, R.B. Gad, R.S. Jeyanthan, M. UmaSubramanian	Superlattices and Microstructures	2019	1	Goa University	1

Dilute magnetic semiconductors						
Nanostructured tungsten sulfides: insights into precursor decomposition and the microstructure using Xray scattering methods	Mangelsen, S. Srinivasan, B.R. Schürmann, U. Kienle, L. Näthera, C Bensch, W.	Dalton Transactions	2019	1	Goa University	1
Direct connection of an amine to oligothiophene to generate pushpull chromophores for organic photovoltaic applications	Agarwal, A. Hundal, A. Chen, JY. Bilic, A. Xiang, W. Bhosale, S.V. Li, JL. Evans, R.A. Gupta, A.	Dyes and Pigments	2019	1	Goa University	1
Methanol steam reforming behavior of solgel synthesized nanodimensional Cu _{sub(x)Fe_{sub(1x)Al_{sub(2)O_{sub(4)}}hercynites}}	Maiti, S. Das, D. Pal, K. Llorca, J. Soler, L. Colussi, S. Trovarelli, A. Priolkar, K.R. Sarode, P.R. Asakura, K. Seikh, Md.M. Gayen, A.	Applied Catalysis A: General	2019	1	Goa University	1
Role of Tin and Carbon in the magnetic interactions in Mn _{sub(3)SnC}	Gaonkar, V.N. Dias, E.T. Dey, A.B. Giri, R.P. Nigam, A.K. Priolkar,	Journal of Magnetism and Magnetic Materials	2019	1	Goa University	1

	K.R.					
Spin canting and surface spin disorder in Ni substituted CoCd ferrite nanoparticles synthesized by fuel deficient combustion method	Coutinho, D.M. Verenkar, V.M.S.	Journal of Alloys and Compounds	2019	1	Goa University	1
Arsenite biotransformation and bioaccumulation by Klebsiella pneumoniae strain SSSW7 possessing arsenite oxidase (aioA) gene	Mujawar, S.Y. Shamim, K. Vaigankar, D.C. Dubey, S.K.	Biometals	2019	1	Goa University	1
Size Control and surface modification of flexible metalorganic framework MIL53(Fe) by Polyethylene glycol for 5 Fluorouracil anticancer drug delivery	Thi, H.P.N Ninh, H.D. Tran, C.V. Le, B.T. Bhosale, S.V. La, D.D.	Chemistry Select	2019	1	Goa University	1
In vivo DNA damage in gill, haemolymph and muscle cells of whiteleg	Pawar, A.P. Sanaye, S.V. Shyama, S.K. Sreepada,	Aquaculture Environment Interactions	2019	1	Goa University	1

shrimp Lit openaeus vannamei on exposure to organop hosphorus pesticide	R.A. Bhagat, J. Kumar, P. Sinai Khan deparker, R.D.					
Enhancing the antity rosinase activity of a hyper saline Kit asatospora sp. SBSK430 by optimizing the medium components	Fernandes, M.S. Kerkar, S.	Current Science	2019	1	Goa University	1
Enhancemen t of Magne tization and Tailoring of Blocking T emperature s of NanoNi-Zn Ferrite Powder Syn thesized Using Micr owaveassis ted Combustion Method	Kothawale, M.M. Tangsali, R.B. Naik, G.K. Budkuley, J.S.	Journal of Supercondu ctivity and Novel Magnetism	2019	1	Goa University	1
Triphenyla mineMerocy aninebased D1AlpiA2/A 3D2 chromo phore system: Synthesis, Optoelectr onic, and theoretica l studies	Rao, P.S. Puyad, A.L. Bhosale, Sidhanath V. Bhosale, S.V.	Internatio nal Journal of Molecular Sciences	2019	1	Goa University	1
Prokaryoti c diversity in Oxygen depleted waters of	Fernandes, G.L. Shenoy, B.D. Menezes, L.D.	Indian Journal of Microbiolo gy	2019	1	Goa University	1

the Bay of Bengal inferred using culture dependent and independent methods	Meena, R.M. Damare, S.R.					
Effect of neodymium and lanthanum oxides on alumino phosphate vitreous and devitrified states	Soares, B.P. Desa, J.A.E. Nayak, C. Bhattacharyya, D. Jha, S.N.	Materials Research Express	2019	1	Goa University	1
Density functional theory based study of the magnetic and optical properties of PbMO sub(3) (M Cr, Fe) using the modified BeckeJohnson mBJ functional	Mahmood, Q. Hassan, M. Bhamu, K.C. Yaseen, M. Ramay, S.M. Mahmood, A.	Journal of Physics and Chemistry of Solids	2019	1	Goa University	1
Cellulase free xylanase by Halococcus thailandensis GUMFAS7 and Halorubrum saccharovorum GUMFAS1 bionts of a sponge Cinachyrella cavernosa	Malik, A.D. Furtado, I.	Microbiology	2019	1	Goa University	1
Computer assisted evaluation	GaunsDessai, K.G. Kamat,	International Journal of	2018	1	Goa University	0

using rubrics for reduction of errors and inter and intra examiner heterogeneity	V.V.	Information and Communication Technology Education (IJICTE)				
Food preferences and culture: The influence of nationality and religion among tourists visiting Goa	Mekoth, N. Thomson, A.R.	Tourism, Culture Communication	2018	1	Goa University	0
Lectotypifications in Brachysetelma (Apocynaceae: Cerropegieae)	Kambale, S.S. Janar thanam, M.K.	Rheedia	2018	1	Goa University	0
New records and a key to the species of Malmidea (lichenized Ascomycota) from India	Joseph, S. Nayaka, S. Randive, P. Upreti, D.K.	Feddes Repertorium	2018	1	Goa University	0
Salt tolerant bacterial inoculants as promoters of rice growth and microbial activity in coastal saline soil	BartakkeBhambure, A. Mahajan, G.R. Kerkar, S.	Proceedings of the National Academy of Sciences, India. Section B: Biological Sciences	2018	1	Goa University	0
The State, networks and family raj in Goa	Parobo, P.D.	Studies in Indian Politics	2018	1	Goa University	0

Impact of financial performance indicators on stock returns: Evidence from India	Parab, N. Reddy, Y.V.	International Journal of Business and Society	2018	1	Goa University	0
Improving coherence of topic based aspect clusters using domain knowledge	Asnani, K.S. Pawar, J.D.	Computación y Sistemas	2018	1	Goa University	0
Natural diet of the alligator pipefish, Syngnathoides biaculeatus (Bloch, 1785) inhabiting Palk Bay, southeast coast of India	Sanaye, S.V. Rivonker, C.U. Sreepada, R.A. Ansari, Z.A.	Indian Journal of GeoMarine Sciences	2018	1	Goa University	0
Mapping and analyses of two coralline banks in the western continental margin of India using multibeam echosounder data	Menezes, A. Mahender, K. Chakraborty, B. Fernandes, W.A. Vardhan, Y.V. Kurian, J.	Indian Journal of GeoMarine Sciences	2018	1	Goa University	0
Longitudinal profiling and elevation relief analysis of the Indus	Prerna, R. Pandey, D.K. Mahender, K.	Arabian Journal of Geosciences	2018	1	Goa University	0

Al doped FeVO ₄ nano particles for vapour phase methylation of phenol	Braganza, C.F. Salker, A.V.	ChemistryS elect	2018	1	Goa University	0
Population structure and reproductive biology of selected sciaenid species along the fishing grounds of Goa, west coast of India	Velip, D.T. Rivonker, C.U.	Current Science	2018	1	Goa University	0
Crystal structure of a mononuclear Nonheme nickel(II) octahedral complex: [Ni(bqenH _{sub(2)})(bp _y)](ClO _{sub(4)}) _{sub(2)} .0.125H _{sub(2)} O	Narulkar, D.D. Srivastava, A.K. Butcher, R.J. Dhuri, S.N.	Zhurnal Strukturoi Khimii (Journal of Structural Chemistry)	2018	1	Goa University	0
Canscora shrirangiana (Gentianaceae), a new species from lateritic plateaus of Goa, India	Kolte, R. Deshpande, A. Kambale, S.	Kew Bulletin	2018	1	Goa University	0
Stacked autoencoder for classification of glioma grade III and grade IV	Patil, S. Naik, G.M. Pai, R. Gad, R.S.	Biomedical Signal Processing and Control	2018	1	Goa University	0
Characterization of	Shamim, K. Sharma, J.	Process Biochemistry	2018	1	Goa University	0

a metagenomic serine metalloprotease and molecular docking studies	Mutnale, M. Dubey, S.K. Mujawar, S.					
Sediment composition and its effect on the productivity in Larsemann Hills, East Antarctica	Choudhary, S. Nayak, G.N. Tiwari, A.K. Khare, N.	Arabian Journal of Geosciences	2018	1	Goa University	0
Synthesis of (?)elemental oxide, a commercially important fragrance compound	Rodrigues, L. Majik, M.S. Tilve, S.G. Wahidulla, S.	Tetrahedron Letters	2018	1	Goa University	0
Enhanced xopolysaccharide production and biofilm forming ability in methicillin resistant Staphylococcus sciuri isolated from dairy in response to acyl homoserine lactone (AHL)	Naik, M.M. Naik, S.P. Dubey, S.K. Bhat, C. Charya, L.S.	Journal of Food Science and Technology	2018	1	Goa University	0
Reconstruction of palaeodepositional environment in NorthEastern Arabian Sea	Diniz, J.E. Nayak, G.N. NoronhaDMello, C.A. Mishra, R.	Environmental Earth Sciences	2018	1	Goa University	0

New records of two decapod crustaceans (Decapoda: Dendrobranchiata and Pleocyemata) from the Gulf of Mannar, India	Padate, V.P. Bhat, M.S. Rivonker, C.U.	Journal of Natural History	2018	1	Goa University	0
Proton triggered colorimetric and fluorescence response of a novel quinoxaline comprising a donor-acceptor system	More, Y.W. Padghan, S.D. Bhosale, R.S. Pawar, R.P. Puyad, A.L. Bhosale, Sidhanath V. Bhosale, S.V.	Sensors	2018	1	Goa University	0
Changing depositional environment and factors controlling the growth of mudflat in a tropical estuary, west coast of India	Nayak, G.N. Volvoikar, S.P. Hoskatta, T.	Environmental Earth Sciences	2018	1	Goa University	0
Population dynamics of bacterioplanktonic component associated with the phytoplankton biomass in Kongsfjorden, an Arctic fjord	Sinha, R.K. Krishnan, K.P. Kerkar, S.	Current Science	2018	1	Goa University	0
Complete detoxification	Kerkar, R.D.	Surface and	2018	1	Goa University	0

ion reaction by NO reduction with CO over nano-sized copper substituted Cr2O3	FalDesai, M.S. Salker, A.V.	Interface Analysis				
Chiral supramolecular assemblies from an achiral naphthalene diimide bearing a urea moiety	Shaikh, D.B. Bhosale, R.S. La. D.D. Kobaisi, M.A. Bhosale, Sidhanath V. Bhosale, S.V.	Chemistry in Asian Journal	2018	1	Goa University	0
Iron doping in sodium paratitanate dihydrate crystal: A case study	Narvekar, K.U. Nadkarni, V.S. Tyliczynski, Z. Srinivasan, B.R.	Materials Today Communications	2019	1	Goa University	0
Comments on Co60 Gamma irradiation effect on linear, nonlinear optical and electrical properties of a semio rganic L-alanine barium nitrate (LABN) crystal	Petrosyan, A.M. Srinivasan, B.R.	Materials Research Innovations	2019	1	Goa University	0
Quest for egalitarian sociospiritual order: Lingayats and their practices	Desai, P.S.	Journal of Human Values	2019	1	Goa University	0

The relationship between workplace spirituality, job satisfaction and job performance	Sony, M. Mekoth, N.	International Journal of Process Management and Benchmarking	2019	1	Goa University	0
Impact of dividends announcements of banks on stock returns and the determinants of dividend policy	Poornima, B.G. Morudkar, V. Reddy, Y.V.	Indian Journal of Finance	2019	1	Goa University	0
Digitization of Konkani texts, and their transliteration: An initiative towards preservation of a language culture	Gaonkar, P. Fernandes, A.R.	Proc. 4th Int. Conf. in Digital Humanities in the Nordic Countries	2019	1	Goa University	0
Poly (phosphatecobalt) polymers for Solid State Nuclear Track Detection Application	Nadkarni, V.S. Naik, D.	Radiation Physics and Chemistry	2019	1	Goa University	0
Reinvestigation of growth of 2aminopyridine bis thiourea zinc sulphate single crystal	Srinivasan, B.R. Deshpande, M.S.	Journal of Molecular Structure	2019	1	Goa University	0
Biotic interaction	Prabhudess	Environment	2019	1	Goa	0

eraction as the triggering factor for blooms under favourable conditions in tropical estuarine systems	ai, S. Vishal, C.R. Rivonker, C.U.	tal Monitoring and Assessment			University	
Tracing source-sink processes and productivity from trace metals (Ba, Zn, Pb, Cd) of the surface sediments off Mahanadi to Pennar, western Bay of Bengal	Bejugam, P. Nayak, G.N.	Environmental Earth Sciences	2019	1	Goa University	0
MesoNeoproterozoic magmatism and episodic crustal growth in the KudremukhAgumbe granitegreenstone belt, western Dharwar Craton, India	Pahari, A. Tang, L. Manikyamba, C. Santosh, M. Subramanyam, K.S.V. Ganguly, S	Precambrian Research	2019	1	Goa University	0
Solventless mechano-synthesis of Bis(Indolyl)Methanes	Mhaldar, S.N. Mandrekar, K.S. Gawde, M.K. Shet, R.V. Tilve, S.G.	Synthetic Communications	2019	1	Goa University	0
6HIndolo[2	Kadam,	MiniReview	2019	1	Goa	0

,3b]Quinol ine: A recent synthetic comprehens ion	H.K. Tilve, S.G.	s in Organic Chemistry				University	
Absence of first order magnetic t ransition, a curious case of Mn3InC	Dias, E.T. Das, A. Hoser, A. Emura, S. Nigam, A.K. Priolkar, K.R.	Journal of Applied Physics	2019	1		Goa University	0
Enumeratio n of total virio plank ton and isolation of specific c yanophages from selected aquatic ecosystems in Goa, India	Noronha, N.M. Mulla, A.B. Gauns, M.U. Ghadi, S.C.	Current Science	2019	1		Goa University	0
Solventind uced selfa ssembly of Naphthalen ediimide conjugated to Tetrapp henylene through D and LAlanine	Goskulwad, S.P. More, V.G. Kobaisi, M.A. Bhosale, R.S. La, D.D. Antolasic, F. Bhosale, Sidhanath V. Bhosale, S.V.	ChemistryS elect	2019	1		Goa University	0
Ecosystem services approach for revita lizing agr iculture in India	Manjula, M. Venkata chalam, L. Mukhopadhy ay, P. Kumar, L.	Current Science	2019	1		Goa University	0
Detoxifica tion of NO and CO gases over effectivel y substitu	Fal Desai, M.S Kerkar, R.D. Salker, A.V.	Internatio nal Journal of Environmen tal Science	2019	1		Goa University	0

ted Pd and Rh in cupric oxide catalysts		and Technology				
Structural and spectroscopic properties of poly(vinyl alcohol)borax hydrogels co/doped with holmium and erbium	Lawrence, M.B. Desa, J.A.E. Francis, S. Phal Dessai, V.	Materials Research Express	2019	1	Goa University	0
Freshwater hyphomycetes in Eurotiomycetes : a new species of Minimelano locus and a new collection of Thysanorea papuana (Herpotrichiellaceae)	Wang, GN. Yu, XD. Dong, W. Bhat, D.J. Boonmee, S. Zhang, D. Zhang, H.	Mycological Progress	2019	1	Goa University	0
Novel poly(sulfonate) polymers for rapid revelation of charged particle tracks by chemical etching process	Naik, D.G. Nadkarni, V.S.	Radiation Physics and Chemistry	2019	1	Goa University	0
Clay minerals and associated metals in mudflat core sediments of the Vaghotan Estuary,	Nasnodkar, M.R. Nayak, G.N.	Journal of the Geological Society of India	2019	1	Goa University	0

India: Implications of metal sorption						
Elemental composition and X-ray diffraction studies of Strobilanthes species	Fernandes, M.C. Krishnan, S.	Indian Journal of Biochemistry and Biophysics	2019	1	Goa University	0
Diversity of fungi from mangrove sediments of Goa, India, obtained by metagenomic analysis using Illumina sequencing	Haldar, S. Nazareth, S.W.	3 Biotech	2019	1	Goa University	0
Anion selective disruption of strong intramolecular -NH...OC Hydrogen bonds in a nonchromogenic tripodal benzoylthiourea receptor to display colorimetric response	Dey, S.K. Hernandez, B.G. DSouza, M. Mhaldar, S.N. Gobre, V.V. Dhuri, S.N.	ChemistryS elect	2019	1	Goa University	0
Clay mineralogy and chemistry of mudflat core sediments from Sharavathi and Gurupur	Nasnodkar, M.R. Nayak, G.N.	Indian Journal of GeoMarine Sciences	2019	1	Goa University	0

estuaries: Source and processes						
The genus Castanediella	Lin, CG Bhat, D.J. Liu, JK Hyde, K.D. Wang, Y.	MycoKeys	2019	1	Goa University	0
Prelude to molecular dynamics: Topography driven gaussian charge models	Albuquerque, J.V. Shirsat, R.N.	International Journal of Quantum Chemistry	2019	1	Goa University	0
Halotolerant Bacillus sp. as a source of antifungal agents against major mushroom pathogens	Fernandes, M.S. Kerkar, S.	Journal of Microbiology, Biotechnology and Food Sciences	2019	1	Goa University	0
Source of sediments and response of clay minerals, organic matter and metals to fluctuating environmental conditions in western Bay of Bengal	Bejugam, P. Nayak, G.N.	Indian Journal of GeoMarine Sciences	2019	1	Goa University	0
Origin and distribution of shallow gascharged sediment on the inner continental shelf of central west coast of India	Dubey, K.M. Chaubey, A.K.	Current Science	2019	1	Goa University	0

Copolymers with pendant Narylimide groups via atom transfer radical polymerization: Synthesis, characterization and kinetic study	Deoghare, C. Nadkarni, V.S. Behera, R.N. Chauhan, R.	Polymer Science, Series B	2019	1	Goa University	0
Study of electronic, magnetic and thermo electric properties of AV sub(2)O sub(4) (A Zn, Cd, Hg) by using DFT approach	Mahmood, Q. Hassan, M. Ahmad, S.H.A. Bhamu, K.C. Mahmood, A. Ramay, S.M.	Journal of Physics and Chemistry of Solids	2019	1	Goa University	0
Alphaamylase production by extremely halophilic archaeon Halococcus strain GUVSC8	Salgaonkar, B.B. Sawant, D.T. Harinarayanan, S. Braganca, J.M.	Starch	2019	1	Goa University	0
Haloferax sulfurifontis GUMFAZ2 producing xylanase free cellulase retrieved from Haliclona sp. inhabiting rocky shore of Anjuna, GoaIndia	Malik, A.D. Furtado, I.	Journal of Basic Microbiology	2019	1	Goa University	0
On questio	Tylczy?ski	Journal of	2018	1	Goa	0

nable ferr oelectric and piezoe lectric properties in single crystals	, Z. Petrosyan, A.M. Srini vasan, B.R.	Crystal Growth			University	
Largest freshwater lake Loktak in Manipur needs urgent con servation	Salkar, K. Gadgil, V. Dubey, S.K. Naik, M.M. Pandey, R.R.	Current Science	2018	1	Goa University	0
Does autonomy of colleges make a difference to academic outcomes?	Mukhopadhy ay, P. Tapaswi, M.P. Sudarsan, P.K.	Current Science	2018	1	Goa University	0
Utriculari a sunilii (Lentibula riaceae), a striking new species from southern Western Ghats, Kerala, India	Naveenkuma r, V.V. Pr abhukumar, K.M. Jagad eesan, R. Harinaraya nan, C.M. Nair, M.C. Janarthana m, M. Bala chandran, I.	Phytotaxa	2018	1	Goa University	0
Solvent directed s elfassembl y of napht halenediim idetryptop hanglutama te conjugates	Goskulwad, S.P. More, V.G. La, D.D. Bhosale, R.S. Puyad, A.L. Bhosale, Sidhanath V. Bhosale, S.V.	Indian Journal of Chemistry. B	2019	1	Goa University	0
Unique synthesis of isochro menoindolo ne via red uctiveoxid	Kadam, H.K. Tilve, S.G.	Indian Journal of Chemistry. B	2019	1	Goa University	0

ative cyclisation approach						
Annotated checklist of Senegalia and Vachellia (Leguminosae: Mimosoideae) for the Indian subcontinent	Deshpande, A.S. Krishnan, S. Janarthanam, M.K. Maslin, B.R.	Nordic Journal of Botany	2019	1	Goa University	0
Coselection of multi antibiotic resistance in bacterial pathogens in metal and microplastic contaminated environments: An emerging health threat	Imran, Md. Das, K.R. Naik, M.M.	Chemosphere	2019	1	Goa University	10
Valorization of Sargassum tenerrimum: Value addition using hydrothermal liquefaction	Biswas, B. Fernandes, A.C. JitendraKumar Muraleedharan, U.D. Bhaskar, T.	Fuel	2018	1	Goa University	10
Geochemical cycling during subduction initiation: Evidence from serpentinized mantle wedge peridotite in the south Andaman ophiolite	Saha, A. Santosh, M. Ganguly, S. Manikymba, C. Ray, J. Dutta, J.	Geoscience Frontiers	2018	1	Goa University	6

suite						
Dynamic multistimuli responsive reversible chiral transformation in supra molecular helices	Goskulwad, S. D. La, D. Kobaisi, Md. Al Bhosale, Sidhanath V. Bansal, V. Vinu, A. Ariga, K. Bhosale, S.V.	Scientific Reports	2018	1	Goa University	3
Isolation and culturing of protease and lipase producing Halococcus agarilyticus GUGFAWS3 from marine Haliclona sp. inhabiting the rocky intertidal region of Anjuna in Goa, India	Gaonkar, S.K. Furtado, I.	Annals of Microbiology	2018	1	Goa University	1
Diisopropyl naphthalene in the surface sediments of an Arctic fjord: Environmental significance	Singh, N. Rajan, S. Choudhary, S. Peter, M. Krishniah, C.	Polar Science	2018	1	Goa University	1
Source, processes and productivity from distribution of surface sediments, Prydz Bay, East	Choudhary, S. Nayak, G.N. Tiwari, A.K. Khare, N.	Polar Science	2018	1	Goa University	1

Antarctica						
Domino BischlerNapieralski Michael reaction and oxidation, a new route to CoumarinPyrroleIsoquinoline fused pentacycles	Mandrekar, K.S. Kadam, H.K. Tilve, S.G.	European Journal of Organic Chemistry	2018	1	Goa University	1
Remote sensing of chlorophylla in case II waters: A novel approach with improved accuracy over widely implemented turbid water indices	Menon, H.B. Adhikari, A.	Journal of Geophysical Research: Oceans	2018	1	Goa University	1
Syntheses, structures, reactivity studies and properties of anionic water rich bivalent metal phthalates	Jyai, R.N. Srinivasan, B.R.	Journal of Molecular Structure	2019	1	Goa University	1
Dualsite aqua mononuclear Nickel(II) complexes of nonheme tetradentate ligands: Synthesis, characterization and reactivity	Harmalkar, S.S. Narulkar, D.D. Butcher, R.J. Deshmukh, M.S. Srivastava, A.K. Mariappan, M. Lama, P. Dhuri,	Inorganica Chimica Acta	2019	1	Goa University	1

	S.N.					
Mantle heterogeneity, plume interaction at rift controlled oceanic transition zone: evidence from trace geochemistry of Vempalle flows, Cuddapah Basin, India	Singh, Th.D. Manikyamba, C. Subramaniam, K.S.V. Ganguly, S. Khelen, A.C. Reddy, N.R.	Geoscience Frontiers	2018	1	Goa University	5
Dithienyl naphthalene based small molecules as efficient non-fullerene electron transport layer for inverted perovskite solar cells	Shaikh, D.B. Said, A.A. Bhosale, R.S. Chen, W. Bhosale, Sidhanath V. Puyad, A.L. Bhosale, S.V. Zhang, Q.	Asian Journal of Organic Chemistry	2018	1	Goa University	5
Role of local structural distortion in driving ferroelectricity in GdCrO ₃	Mahana, S. Manju, U. Nandi, P. Welter, E. Priolkar, K.R. Topwal, D.	Physical Review B	2018	1	Goa University	4
A qualitative study on electricity energy saving behaviour	Sony, M. Mekoth, N.	Management of Environmental Quality	2018	1	Goa University	3
Purification and characterization	DeSouza, R.A.	Mycology	2018	1	Goa University	3

racterisation of a sulphur rich melanin from edible mushroom Termitomyces albuminosus Heim	Kamat, N.M. Nadkarni, V.S.					
Monitoring of fetal heart rate using sharp transition FIR filter	Marchon, N. Naik, G.M. Pai, R.	Biomedical Signal Processing and Control	2018	1	Goa University	0
Effect of Cu sup(2) substitution on structural, magnetic and dielectric properties of cobalt ferrite with its enhanced antimicrobial property	Naik, C.C. Gaonkar, S.K. Furtado, I. Salker, A.V.	Journal of Materials Science: Materials in Electronics	2018	1	Goa University	3
Sperminedirected supramolecular selfassembly of water soluble AIEactive tetraphenylethylene: nanobelt, nanosheet, globular and nanotubular structures	La, D.D. M. Alegaonkar, J.N. Kobaisi, Md. Al. Bhosale, R.S. Bhosale, Sidhanath V. Bhosale, S.V.	New Journal of Chemistry	2018	1	Goa University	3
Roles of iron and lithium in silicate glasses by Raman spectroscopy	Nayak, M.T. Desa, J.A.E.	Journal of Raman Spectroscopy	2018	1	Goa University	0

Tellurite biotransformation and detoxification by <i>Shewanella baltica</i> with simultaneous synthesis of tellurium nanorods exhibiting photocatalytic and antibiofilm activity	Vaigankar, D.C. Dubey, S.K. Mujawar, S.Y. DCosta, A. Shyama S.K.	Ecotoxicology and Environmental Safety	2018	1	Goa University	3
Phase separation and effect of strain on magnetic properties of Mn _{sub(3)} Ga _{sub(1x)} Sn _{sub(x)} C	Dias, E.T. Das, A. Hoser, A. Emura, S. Nigam, A.K. Priolkar, K.R.	Journal of Applied Physics	2018	1	Goa University	1
Functionalized quinoxaline for chromogenic and fluorescent anion sensing	Dey, S.K. AlKobaisi, Md. Bhosale, S.V.	ChemistryOpen	2018	1	Goa University	3
Purification and structural functional characterization of an exopolysaccharide from <i>Bacillus licheniformis</i> PASS26 with invitro antitumor and wound healing activities	Insulkar, P. Kerkar, S. Lele, S.	International Journal of Biological Macromolecules. B	2018	1	Goa University	3

NDIbased small molecules as electron transport layers in solution processed planar perovskite solar cells	Said, A.A. Wagalgave, S.M. Xie, J. Puyad, A.L. Chen, W. Wang, Z. Bhosale, S.V. Bhosale, Sidhanath V. Zhang, Q.	Journal of Solid State Chemistry	2019	1	Goa University	3
A simple approach for the synthesis of azocine alkaloids: The total synthesis of megallanines	Volvoikar, P.S. Tilve, S.G.	Tetrahedron Letters	2018	1	Goa University	2
Formation and evolution of the Chalkairali Escarpment and the Vishnu Fracture Zone in the Western Indian Ocean	Shuhail, M. Yatheesh, V. Bhattacharya, G.C. Muller, R.D. KameshRaju, K.A. Mahender, K.	Journal of Asian Earth Sciences	2018	1	Goa University	2
Cell SELEXbased identification of a human and mouse cross reactive endothelial cell internalizing aptamer	Dua, P. Kang, S. Shin, H.S. Kim, S. Lee, D.k.	Nucleic Acid Therapeutics	2018	1	Goa University	2
Listeria goensis sp. nov.	Doijad, S.P. Poharkar, K.V. Kale, S.B. Kerkar, S. Kalorey, D.R.	International Journal of Systematic and Evolutionary Microbiology	2018	1	Goa University	2

	Kurkure, N.V. Rawool, D.B. Malik, S.V.S. Ahmad, R.Y. Hudel, M. Chaudhari, S.P. Abt, B. Overmann, J. Weigel, M. Hain, T. Barbuddhe, S.B. Chakraborty, T.					
Taxonomic diversity of bacteria from mangrove sediments of Goa: Metagenomic and functional analysis	Haldar, S. Nazareth, S.W.	3 Biotech	2018	1	Goa University	1
Charge density and electrostatic potential of hepatitis C antiviral agent androglypholide: An experimental and theoretical study	Manjula, S. Kalaiaras, C. Pavan, M.S. Hathwar, V.R. Kumar adhas, P.	Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials	2018	1	Goa University	2
Supramolecular chiral helical ribbons of tetraphenylethylene appended naphthalene diimide	Goskulwad, S.P. Kobaisi, M.A. Duong, D.L. Bhosale, R.S. Ratanlal, M.	Chemistry in Asian Journal	2018	1	Goa University	1

controlled by solvent and induced by L and Dalanine spacers	Bhosale, Sidhanath V. Bhosale, S.V.					
Structures of silicate glasses with varying sodium and fixed iron contents	Nayak, M.T. Desa, J.A.E. Reddy, V.R. Nayak, C. Bhattacharyya, D. Jha, S.N.	Journal of NonCrystal line Solids	2019	1	Goa University	1
Design, synthesis, and biological evaluation of 1,3,5tr isubstituted pyrazoles as tyrosine kinase inhibitors	Gawandi, S.J. Desai, V.G. Shingade. S.G.	Medicinal Chemistry Research	2019	1	Goa University	2
Structural , magnetic and dielectric properties of Dy3 and Sm3 substituted CoCu ferrite	Naik, C.C. Salker, A.V.	Materials Research Express	2019	1	Goa University	2
Analyzing the impact of demonetization on the Indian stock market: Sectoral evidence using GARCH model	Patil, A. Parab, N. Reddy, Y.V.	Australasi an Account ing, Business and Finance Journal	2018	1	Goa University	1
Threecomponent reaction between isatoic anhydride,	Zaytsev, V.P. Sorokina, E.A. Kvyat kovskaya, E.A. Toze,	Acta Cryst allographi ca. Section E: Crystallog raphic Com	2018	1	Goa University	1

amine and methylsubstituted furylacrylaldehydes: crystal structures of 3benzyl2[(E)2(5methylfuran2yl)vinyl]2,3dihydroquinazolin4(1H)one, 3benzyl2[(E)2(furan2yl)methyl	F.A.A. Mhaldar, S.N. Dorovatovskii, P.V. Khrustalev, V.N.	munications. E				
Diversity and distribution of freshwater turtles (Reptilia: Testudines) in Goa, India	Jadhav, T.D. Sawant, N.S. Shyama, S.K.	Journal of Threatened Taxa	2018	1	Goa University	1
Measures of health provide insights into the coping strategies of urban lizards	Amdekar, M.S. Kakkar, A. Thaker, M.	Frontiers in Ecology and Evolution	2018	1	Goa University	1
Induction of DNA damage in the peripheral blood of zebrafish (Danio rerio) by an agricultural organophosphate pesticide, monocrotophos	D'Costa, A.H. Shyama, S.K. Praveen Kumar, M.K. Fernandes, T.M.	International Aquatic Research	2018	1	Goa University	1
Variability in protein expression in marined	Lotlikar, N.P. Damare, S.R.	Indian Journal of Microbiology	2018	1	Goa University	1

erived Purpureocillium lilacinum subjected to salt and chromium stresses						
Development of T3SS mutants (hrpB ^{sup()} and hrcV ^{sup()}) of Ralstonia solanacearum, Evaluation of virulence attenuation in Brinjal and Tomato A prerequisite to validate T3Es of R. solanacearum	Asolkar, T. Ramesh, R.	Indian Journal of Microbiology	2018	1	Goa University	1
Use of reverse crosspolarization for editing solid-state proton NMR spectra	Rao, P.L. Reddy, Y.J. Pahari, B. Ramanathan, K.V.	Journal of Molecular Structure	2018	1	Goa University	1
Cluster mean field theory for 2dimensional spin1 Bose Hubbard model	Alavani, B.K. Das, A. Pai, R.V.	Journal of Physics B: Atomic, Molecular and Optical Physics	2018	1	Goa University	1
Assessment of sediment quality using total and bioavailable concent	Nasnodkar, M.R. Nayak, G.N.	Arabian Journal of Geosciences	2018	1	Goa University	1

ration of metals in intertidal mudflats of a tropical (Vashishti) estuary, west coast of India						
Cryopreservation of cultured mantle cells of Paphia malabarica for perennial availability	Dessai, S.N.	Cryobiology	2018	1	Goa University	1
A biomimetic supramolecular approach for charge transfer between donor and acceptor chromophores with aggregation-induced emission	Chen, J. Kadam, G. Gupta, A. Anuradha Bhosale, S.V. Zheng, F. Zhou, CH. Jia, B.H. Dalal, D.S. Li, J.	Chemistry - A European Journal	2018	1	Goa University	1
Coordination polymers based on μ -sup(2)Eta sup(1):Eta sup(1) and μ -sup(2)Eta sup(2):Eta sup(2) bridging mode of pyridyl carboxylate: ionic liquid-induced hydrothermal synthesis,	Siddiqui, K.A. Bharati, A.K. Lama, P.	Journal of the Iranian Chemical Society	2018	1	Goa University	1

structural and thermo gravimetric analysis						
Synthesis of ecofriendly fluorescent carbon dots and their biomedical and environmental applications	Joshi, P.N. Mathias, A. Mishra, A.	Materials Technology	2018	1	Goa University	1
Characterization of a new virulent phage theta MC1 specific to Microbulifer strain CMC5	Poduval, P.B. Noronha, J.M. Bansal, S.K. Ghadi, S.C.	Virus Research	2018	1	Goa University	1
Designing a 3D nanoporous network via selfassembly of WO sub(3) nanorods for improved electrocapacitive performance	Salkar, A.V. Naik, A.P. Joshi, V.S. Haram, S.K. Morajkar, P.P.	CrystEngComm	2018	1	Goa University	1

[View File](#)

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Coselection of multi antibiotic resistance in bacterial pathogens in metal and microp lastic con	Imran, Md. Das, K.R. Naik, M.M.	Chemosphere	2019	1	10	Goa University

taminated environments: An emerging health threat						
Valorization of Sargassum tenerrimum : Value addition using hydrothermal liquefaction	Biswas, B. Fernandes, A.C. JitendraKumar Muraleedharan, U.D. Bhaskar, T.	Fuel	2018	2	10	Goa University
Geochemical cycling during subduction initiation : Evidence from serpentinized mantle wedge peridotite in the south Andaman ophiolite suite	Saha, A. Santosh, M. Ganguly, S. Manikymba, C. Ray, J. Dutta, J.	Geoscience Frontiers	2018	3	6	Goa University
Mantle heterogeneity, plume lithosphere interaction at rift controlled oceancontinent transition zone: evidence from tracePGE geochemistry of Vempalle flows, Cuddapah Basin, India	Singh, Th.D. Manikyamba, C. Subramanyam, K.S.V. Ganguly, S. Khelen, A.C. Reddy, N.R.	Geoscience Frontiers	2018	4	5	Goa University
DithiafulvenylNaphthalenediimine	Shaikh, D.B. Said, A.A.	Asian Journal of Organic	2018	5	5	Goa University

de?based small molecules as efficient non?fuller ene electr on?transpo rt layer for inverted perovskite solar cells	Bhosale, R.S. Chen, W. Bhosale, Sidhanath V. Puyad, A.L. Bhosale, S.V. Zhang, Q.	Chemistry				
View File						

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Semina rs/Workshops	2	6	6	1
Presented papers	60	51	30	0
Resource persons	0	6	5	0
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Economics	Consultant	International Centre for Integrated Mountain Development, Kathmandu, Nepal	436217.64
Marine Sciences	Baseline Marine Environmental Monitoring Studies in Cumbarjua Canal (Consultancy)	Aditya Environmental Services Pvt. Ltd. Aditya Environmental Services Pvt. Ltd.	505000
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NIL	NIL	0	0
View File				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and

Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Certificate course on Documentation using LaTeX	Directorate of extra Mural Studies and Extension services and Department of Physics	1	21
Lecture on 'Black Hole' on occasion to commemorate the image of black hole	Goa Science Centre and Planetarium, PanajiGoa, National Council of Science Museums, Ministry of Culture, Govt. of India	2	120
Lecture: Robotics on occasion of 22nd Anniversary Celebration	Marathi Vigyan Parishad (Goa Vibhag) Vidyaniketan, Margao	1	150
Marcaim Village Survey	Unnat Bharat Abhiyan	4	36
Orientation Programme for villagers of Marcaim Village	Unnat Bharat Abhiyan	4	36
Workshop on "Enhancing Agrarian and Marine Food Productivity" for Marcaim villagers in the Department	Unnat Bharat Abhiyan, NIO and the visiting German Research Scholar	1	50
One day wareness programme on PSHWW	Goa University	1	20
Invited Talk on "Native Chemical Ligation" by Dr. Thomas Bruckdorfer, Chief Scientist	Goa University and IRIS Biotech, Germany	1	40
Science Film festival talk to two local schools in Goa	Goa University and Science academy (Goa Unit)	1	80
Beach Cleaning	Dept of Management Studies and Hotel Goa Marriott	4	30
Workshop on Kuchipudi dance by Guru Dr. P.A. Saikumar, Department of	Directorate of Extra Mural Studies and Extension Services	1	25

Dance, Andhra University (8 Apr 2019, 11.00 am)			
Astrobiology Our quest for signs of life outside Earth (A noncredit course for curious citizens of 21st century) by Dr. Nandkumar M. Kamat (21 Sep22 Dec 2018)	Directorate of Extra Mural Studies and Extension Services	1	5
The Fourth Monkey (A theatre performance by the students of Faces of Theatre course) (12 Oct 2018)	Directorate of Extra Mural Studies and Extension Services	1	38
Certificate Course in Faces of Theatre by Dr. Isabel S.R. Vas (20 Jul 6 Oct 2018)	Directorate of Extra Mural Studies and Extension Services	1	38
Winter Camp in Mathematics for Secondary and Higher Secondary students of Bardez taluka(26/11/2018 to 28/11/2018 for High School and 29/11/2018 to 01/12/2018 for Higher Secondary)	Directorate of Extra Mural Studies and Extension Services	3	78
Workshop on mushroom Cultivation	Directorate of Extra Mural Studies and Extension Services	4	200
Workshop on Vermicomposting	Directorate of Extra Mural Studies and Extension Services	1	100
Seminar on Artificial Intelligence (06/09/2018)	Directorate of Extra Mural Studies and Extension Services	1	29
Special Classes for (Non Teaching) Contractual employees of Goa University (16/03/2019 to 28/04/2019)	Directorate of Extra Mural Studies and Extension Services	5	41
ICT Workshop for	Directorate of	3	23

School and Higher Secondary Teachers	Extra Mural Studies and Extension Services		
National Seminar on Human rights of Children: Legal and Social Perspective(15/12/2018)	Directorate of Extra Mural Studies and Extension Services	6	87
Purple Campaign in Government College Quepem	Dept. of Women's Studies (GU) and Government College Quepem	10	54
Purple Campaign in M.E.S. College, Vasco	Dept. of Women's Studies (GU) and and M.E.S. College Vasco	15	68
Purple Campaign in Dempo College of Commerce and Economics	Dept. of Women's Studies (GU) and Dempo College of Commerce and Economics	7	47
Purple Campaign in Arnel College, Nuvem	Dept. of Women's Studies (GU) and Arnel College, Nuvem	5	91
Beti Bachao Beti Padhao Awareness Programme (Street Play)	State Resource center for Women and Department of Women's Studies, Goa University	5	14
Relationship WellBeing Workshop on Building Healthy Relationships	State Resource center for Women and Department of Women's Studies, Goa University	6	50
Relationship WellBeing Workshop on Legal Rights in a Relationship	State Resource center for Women and Department of Women's Studies, Goa University	6	43
Social Mapping of Women in North Goa "Morjim"	State Resource center for Women and Department of Women's Studies, Goa University	5	14
Social Mapping of Women in North Goa "Chimbel"	State Resource center for Women and Department of Women's Studies, Goa University	5	35
Social Mapping of Women in North Goa "Calangute"	State Resource center for Women and Department of	5	30

	Women's Studies, Goa University		
Social Mapping of Women in North Goa "Valpoi"	State Resource center for Women and Department of Women's Studies, Goa University	5	42
Interactive Workshop with the Employees of 181 Women Helpline	State Resource center for Women and Department of Women's Studies, Goa University	9	18
Interactive Session with Dr. Meera Borwankar (1st Women IPS Officer) at Goa University	State Resource center for Women and Department of Women's Studies, Goa University	7	56
Gender Sensitisation Training for Police at Goa Institute Hall Altinho	State Resource center for Women and Department of Women's Studies, Goa University	7	42
Social Mapping of Women in North Goa "Maullinguem"	State Resource center for Women and Department of Women's Studies, Goa University	4	30
Relationship WellBeing Workshop on Connections and Conflicts: Working towards Long and Stable Relationships	State Resource center for Women and Department of Women's Studies, Goa University	6	11
Relationship WellBeing Workshop on Wellness in Sexual Health	State Resource center for Women and Department of Women's Studies, Goa University	7	25
MEAR (Making Equality a Reality)	Department of Women's Studies, Goa University	15	200
Awareness programme on Prevention of sexual harassment of Women at workplace (quiz)	Department of Women's Studies, Goa University	4	300
Pinnacle Discussion series	Department of Political Science and Department of Women's Studies	4	35
Scientific Writing Workshop (79 May	Department of Electronics and	2	21

2019)	IQAC		
Eye check up camp	Health Centre	1	110
Health talk's on Cancer Awareness and Heart Attack, a new look at the old devil (1 Mar 2019) (staff Students)	Health Centre	1	98
Balanced diet Healthy awareness: Interactive session and a talk by Mrs. Nina Figueiredo, Clinical Dietitian and Obesity Consultant (17 Jan 2019) (staff Students)	Health Centre	1	97
Blood Donation Camp (8 Jan 2019) (32 were willing volunteers, 21 eligible)	Health Centre	1	21
Difficult Dialogue / Daring Debates on Gender Equality	Difficult Dialogue forum	20	36
Program Evaluation Course in Nepal 13th 15th December 2018 http://www.sandeeonline.org/uploads/documents/workshop/350_WRKDOC_Agenda_Program_Evaluation__1315_Dec_.pdf	South Asian Network for Development and Environmental Economics (SANDEE) Dept. of Economics	1	30
Demonstration on Electronics projects to School in Neura St. Andre	Department of Electronics	1	9
HasyaVyanga Hindi Poets Meet	Department of Hindi	4	110
Refresher Course in Experimental Physics	Joint Science Education Panel of Science Academies and Department of Physics	1	26
Inaugural Relationship WellBeing Workshop	State Resource center for Women and Department of Women's Studies, Goa University	10	173
Relationship WellBeing Workshop	State Resource center for Women	5	40

on Focusing on the Self in a Relationship	and Department of Women's Studies, Goa University		
InterSectoral Consultation Meeting on 'Social Mapping of Women in North Goa'	State Resource center for Women and Department of Women's Studies, Goa University	12	32
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Development of online Refresher Courses on SWAYAM	National Resource Centre in Marine Sciences	Govt. of India	486
Training, Extension and Research on issues related to Women, especially tribal women	State Resource Centre for Women	Govt. of Goa	10
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Abhiyan	Swachh Bharat Abhiyan	Photography and Film Competition (20 Sep - 15 Oct 2018)	20	100
Unnat Bharat Abhiyan	Directorate of Unnat Bharat Abhiyan	Unnat Bharat Abhiyan Opening Ceremony at Sateri Kelbai Devasthan, Navshi (17 June 2018)	15	50
Govt. of India	All Departments	Pariksha Ki Baat PM Ke Saath (29 Jan 2019)	100	1500
Swachh Bharat Abhiyan	Swachh Bharat Abhiyan	Campus cleaning drive	11	125
Swachh Bharat Summer Internship Programme (SBSI) 2018	Goa University	100 hour Internship Programme for Development of Student's personality	8	28

		through community service		
Unnat Bharat	Goa University	Survey, Gender issue awareness	5	35
Public Awareness workshop on Biodiversity conservation involving Biodiversity Management Committees	Goa State Biodiversity Board and Mycology laboratory Dept of Botany	Ecoconservation of Goa's wild edible Termitomyces mushrooms, July 6, 2018, Goa Science Centre, Panaji	1	17
Gender Issue	Dept of Women's Studies, Goa University	Short film making	1	3
Gandhi Samagraha	Goa University and Goa Government	Prabhat Pheri	1	20
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research	Faculty	Research Projects	365
Faculty Exchange	Prof. Aparajita Gangopadhyay, Department of International Relations	Goa University	30
Faculty Exchange	Prof. Koshy Tharakan, Department of Philosophy	Goa University	4
Faculty Exchange	Ms. Scarlet Ava Fernandes, Department of Portuguese and Lusophone Studies	Goa University	4
Faculty Exchange	Prof. Savita S. Kerkar, Department of Biotechnology	Goa University	5
Student Exchange	Nagvekar Samprita Deepak, MBA student	Goa University	90
Student Exchange	Rebelo Valana Aninha Edelbert Quitera, MBA student	Goa University	90
Student Exchange	Gokhale Mansi Chandrakant, MBA student	Goa University	90

Student Exchange	Kamat Kaushik Avdhoot, MBA student	Goa University	90
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Summer Internship	DIGISOL SYSTEMS LTD L7, VERNA INDUSTRIAL E STATE, VERNA, SALCETE, GOA : 403 722, INDIA 08322885400 / 401	01/01/2019	30/06/2019	1 Student
Internship	Summer Internship	Genora Infotech Pvt Ltd, Fatorda, Margaon, Goa	01/01/2019	30/06/2019	1 Student
On the job training	French Language Teacher	Alliance Francaise, Panjim	01/01/2019	30/06/2019	3 Students
Summer Internship	Training	Encube Ethicals Pvt. Limited Marcaim, Goa Microxpress Division, Tulip Diagnostics, Verna, Goa.	01/06/2018	30/06/2018	9 Students
InterInstitutional linkage	Summer training programme	CSIR Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh	01/05/2019	15/06/2019	1 Student
InterInstitutional linkage	Summer training programme	Madras Diabetes Research Foundation, Chennai, Tamil Nadu	01/05/2019	15/06/2019	1 Student

InterInstitutional linkage	Summer training programme	National Collection of Industrial Microorganisms, CSIR National Chemical Laboratory, Pune 411008	01/05/2019	15/06/2019	1 Student
InterInstitutional linkage	Indian Academy of Sciences Summer Research Fellowship Programme	Banaras Hindu University, Varanasi	01/05/2019	15/06/2019	1 Student
InterInstitutional linkage	Summer training programme	National Institute of Plant Genome Research, New Delhi	01/05/2019	15/06/2019	1 Student
InterInstitutional linkage	Summer training programme	Dept. of Biosciences and Bioengineering IIT Bombay Powai Mumbai 400 076	01/05/2019	15/06/2019	1 Student
InterInstitutional linkage	Summer training programme	National Institute of Malaria Research Center, Panjim, Goa	01/05/2019	15/06/2019	3 Students
InterInstitutional linkage	Summer training programme	School of Computational and integrative Sciences Jawaharlal Nehru University, New Delhi	01/05/2019	15/06/2019	1 Student
InterInstitutional linkage	Summer training programme	International Centre for Genetic Engineering and Biotechnology (ICGEB) Aruna Asaf Ali Marg, New Delhi 110 067 India	01/05/2019	15/06/2019	1 Student

InterInstitutional linkage	Summer training programme	School of Biotechnology, Kalinga Institute of Industrial Technology, Odisha Prof. T.P. Singh	01/05/2019	15/06/2019	1 Student
InterInstitutional linkage	Summer training programme	Biophysics facility, All India Institute of Medical Sciences (AIIMS), New Delhi	01/05/2019	15/06/2019	1 Student
Tutor Program	French Language Tutors in India Internship Programme	Institut Français/ French Embassy in India	19/09/2018	17/05/2019	Eleonore Pascolini
Internship	Summer Internship	CSIR National Institute of Oceanography, Dona Paula, Goa	15/05/2019	07/06/2019	13 Students
Internship	Summer Internship	National Centre for Polar and Ocean Research, Vasco da Gama Goa	15/05/2019	07/06/2019	6 Students
Internship	Summer Internship	Oil and Natural Gas Corporation, Mumbai	15/05/2019	07/06/2019	4 Students
Internship	Summer Internship	Gujarat Mineral Development Corporation	15/05/2019	07/06/2019	4 Students
Internship	Summer Internship	Physical Research Laboratory, Ahmedabad	15/05/2019	07/06/2019	1 Student
Internship	Summer Internship	Cornell University, New York, USA	15/05/2019	07/06/2019	1 Student
Internship	Summer Internship	Indian Institute of Technology	15/05/2019	07/06/2019	2 Students

		Bombay			
Internship	Summer Internship	Terra Hydrotech Solutions, Alto, Dabolim, Goa 403801	15/05/2019	07/06/2019	5 Students
Internship	Summer Internship	Indian National Centre for Ocean Information Services, Pragathi Nagar, Hyderabad	15/05/2019	07/06/2019	5 Students
Field placement	Field work, Skills and Practice	Apna Ghar Department of Women's and Child Development Government of Goa	01/01/2019	31/03/2019	1 Student
Field placement	Field work, Skills and Practice	State Protective Home Directorate of Women Child Development	01/01/2019	31/03/2019	1 Student
Field placement	Field work, Skills and Practice	Sheha Mandir, Bandora Ponda	01/01/2019	31/03/2019	1 Student
Field placement	Field work, Skills and Practice	Arz, Vasco da Gama, Goa	01/01/2019	31/03/2019	1 Student
Field placement	Field work, Skills and Practice	Lok Seva Trust Mahila Ashram	01/01/2019	31/03/2019	1 Student
Collaborative Research	UGC DAE CRS project	Solid State Phys. Div., BARC Mumbai, Dr. A.K. Bera, email: akbera@barc.gov.in	01/01/2018	31/12/2019	Dr. Bholanath Pahari
Collaborative Research	CRS Project	UGC DAE, Mumbai Dr. Rekha Rao	01/01/2018	31/12/2019	Dr. Sudhir Cherukulappurath
Internship	Summer Internship	Deccan fine chemicals, Corlim, Goa email: info@	06/05/2019	05/06/2019	2 Students Deccan fine chemicals, Corlim, Goa

		deccanchemicals.com			email: info@deccanchemicals.com
Internship	Summer Internship	Indico Remedies Ltd., Verna, Goa email: hr@indoco.com	30/04/2019	30/05/2019	1 Student
Internship	Summer Internship	Zydus Cadila Healthcare Ltd., Kundaim, Goa	06/05/2019	05/06/2019	2 Students
Internship	Summer Internship	VerGo Labs, Verna, Goa email: kashyap.keni@vergolabs.com	06/05/2019	05/06/2019	5 Students
Internship	Summer Internship	Glenmark Pharma Ltd., Colvale, Goa	20/05/2019	20/06/2019	2 Students
Internship	Summer Internship	Merck India Ltd. Phone 918326614111	15/05/2019	15/06/2019	1 Student
Summer School	Summer Internship Programme	IITMumbai	29/05/2019	07/06/2019	1 Student
Collaborative Research	Study of ultracold atoms in optical lattices	Prof. Rahul Pandit, Department of Physics, IISc, Bangalore.	01/01/2018	31/12/2019	Prof. R.V. Pai
Collaborative Research	Magnetic property measurements of Mn based functional materials	Prof. A. K. Nigam, TIFR, Mumbai	01/01/2018	31/12/2019	Prof. K.R. Priolkar
Collaborative Research	Investigation of Magneto structural transition in Antiperovskites	Prof. Mehmet Acet, University of Duisburg, Duisburg, Germany	01/01/2018	31/12/2019	Prof. K.R. Priolkar
Collaborative Research	EXAFS studies of functional materials	Dr. Shuichi Emura, ISIR, Osaka University, Osaka, Japan	01/01/2018	31/12/2019	Prof. K.R. Priolkar
Collaborative Research	Understanding the concept of chemical	Prof. D. D. Sarma, IISc, Bangalore	01/01/2018	31/12/2019	Prof. K.R. Priolkar

	pressure				
Sharing of Research Facilities	Collaboration	Prof. C. K. Jayasankar Department of Physics Sri Venkateswara University Tirupati 517 502 India	01/01/2018	31/12/2019	Prof. Uma Subramaniam
Collaborative Research	NMR Studies on Functional materials	Prof. K. V. Ramanathanan, IISc, Bangalore	01/01/2018	31/12/2019	Dr. Bholanath Pahari
Internship	Summer Internship	Anant Infomedia, Panaji, Email: info@anant.co.in	01/01/2019	30/06/2019	13 Students
Internship	Summer Internship	Open Destinations Lab, Miramar Panjim, Goa email: hr@opendestinations.com	01/01/2019	30/06/2019	9 Students
Internship	Summer Internship	ZapCom, Bangalore Ph: 918067232300	01/01/2019	30/06/2019	3 Students
Internship	Summer Internship	Online Productivity Solutions Pvt. Ltd., Verna, Goa Email: info@opspl.com	01/01/2019	30/06/2019	3 Students
Internship	Summer Internship	IMMO Information Technology Pvt. Ltd., Mapusa, Goa Email info@immoinfotech.com	01/01/2019	30/06/2019	3 Students
Internship	Summer Internship	SJ Innovation LLC, Salcette, Goa, India 403722 918390429861 email: info@sjinnovation.com	01/01/2019	30/06/2019	3 Students

Internship	Summer Internship	Mormugao Port Trust, Goa	01/01/2019	30/06/2019	2 Students
Internship	Summer Internship	eDot Solutions, Mormugao, Goa contact@edotsolutions.com	01/01/2019	30/06/2019	2 Students
Internship	Summer Internship	Octalogic Tech, Panaji, Goa email: info@octalogic.in	01/01/2019	30/06/2019	2 Students
Internship	Summer Internship	Uzoorba Technologies LLP, Chorao, Goa email: connect@uzoorba.com	01/01/2019	30/06/2019	2 Students
Internship	Summer Internship	Third Eye Technologies, Ponda, Goa email: info@thirdeyegoa.com	01/01/2019	30/06/2019	2 Students
Internship	Summer Internship	Cosmic Solutions, Mapusa, Goa email: INFO@COSMICSOLUTIONS.CO.IN	01/01/2019	30/06/2019	2 Students
Internship	Summer Internship	KodeWork, Porvorim, Goa email: support@kodework.com	01/01/2019	30/06/2019	1 Student
Internship	Summer Internship	Gujarat Mineral Development Corporation, Ahmedabad, Gujarat contact@gmdcltd.com	01/01/2019	30/06/2019	1 Student
Internship	Summer Internship	University Of Mumbai	01/01/2019	30/06/2019	1 Student
Internship	Summer Internship	SoftMonks (OPC) Private Limited, Mapusa, Goa Phone: 917350013113	01/01/2019	30/06/2019	1 Student

Internship	Summer Internship	InBetween Software Development, Panaji, Goa	01/01/2019	30/06/2019	1 Student
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Institute of Chinese Studies, New Delhi	15/11/2018	Exchange of faculty students for internship, joint research activities, exchange of academic material, short term academic programmes	0
Universidad de Palermo, Argentina	10/12/2018	Joint research projects cultural activities, Exchange of Faculty, Students and academic material	0
Drepung Losel Ling Monastery, Mundgod, Karnataka	14/01/2019	Exchange of faculty members, students, Admin. Managers/Coordinators and academic material, Joint research activities cultural programmes	17
Indian Academy of Sciences, Bangalore (extended for 5 years)	08/02/2019	Refresher courses in Experimental Physics	1
University of Porto, Portugal	31/10/2019	Establish an academic, scientific and cultural cooperation, exchange of students, academic and administrative staff as well as researchers	1
Faculdade De Educacao De Universidade De Sao Paulo, Brazil	01/03/2019	Exchange of faculty members, researchers, students and technical administrative staff	0

University of Colima, Mexico	21/03/2019	To conduct cooperative activities in education	0
MacBrout Engineering Pvt Ltd, Curtorim, Salcete, Goa403709	22/03/2019	Use laboratory space at the Dept. of Microbiology to develop best practices for handling and disposal of various process fluids	1
CSIR Indian Institute of Petroleum, Dehradun and Goa University	01/03/2019	Facilitate algal biofuel research and training	2
Fomento Resources	01/08/2018	Fomento Lecture Series	340
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1543	1220

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Partially	Koha 18.1104000	2004

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	173194	49018631	4386	1299853	177580
Reference Books	35325	294111	45	85693	35370	379804
e-Books	214	1100000	0	0	214	1100000
e-Journals	0	0	0	0	0	0
Digital Database	2	332533	0	0	2	332533
CD & Video	3412	0	29	0	3441	0
Journals	243	6856489	82	209166	325	7065655

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Sahni, Varun (Professor)	Geopolitics and Maritime Domain	SWAYAM	26/11/2018
Rivonker, C.U. (Professor)	Impact of Anthropogenic Input on Marine Biodiversity and Ecosystem Function	SWAYAM	26/11/2018
Menon, H.B. (Professor)	Optical Remote Sensing of Coastal Waters	SWAYAM	26/11/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	2346	24	2	0	1	204	642	1100	0
Added	124	0	0	0	0	26	98	20	0
Total	2470	24	2	0	1	230	740	1120	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1120 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Directorate of Digital Learning and	https://www.unigoa.ac.in/facilities/dir

Initiatives (DDLI). (formerly DEITI) formed as per SWAYAM guidelines.	ectorate-of-digital-learning-and-initiatives-ddli.html
Directorate of Digital Learning and Initiatives (DDLI). (formerly DEITI) formed as per SWAYAM guidelines	https://nptel.ac.in/courses/128106002/
Directorate of Digital Learning and Initiatives (DDLI). (formerly DEITI) formed as per SWAYAM guidelines	https://archive.swayam.gov.in/courses/5299-marine-science
Directorate of Digital Learning and Initiatives (DDLI). (formerly DEITI) formed as per SWAYAM guidelines	Large number of VRPP courses videographed are not available in public domain
Library (Reprographic services: Scanning)	https://www.unigoa.ac.in/facilities/library.html

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
2103.05	0	0	0

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Laboratory: Maintenance of Sophisticated equipment is usually carried out by the Teacher incharge for the equipment. Most of the existing equipment are under Annual Maintenance Contract (AMC) for which maintenance budget is provided by the University. Inhouse maintenance for issues within reach is carried out internally by a Labtechnician (or equivalent) who is equipped with basic tools. Maintenance grants do exist under the currently operational projects too. Logbooks for each equipment determine usage. **Library:** Library is open during working hours on all week days and from 10:00 to 17:00hrs on Saturdays. Houses over 178000 books with an open access and borrowing facility (except reference material and archival collection). They could be searched using OPAC. Access to eresources provided by INFLIBNET centre through eShodhsindhu consortium and subscribed databases such as ScienceDirect, SciFinder etc., are made available to the readers. Documents that do not have access are received from cooperating libraries and supplied to users on demand. New arrivals are displayed for a limited period. Among the services, library facilitates plagiarism check to the faculty and students at University campus as well as from affiliated colleges. Library is WiFi enabled and has a computer laboratory with 30 stations for accessing the internet. The stateofthe art faceup scanner in the library helps users in making copies of select pages of documents as well as digitization of the archival collection. Library maintains an institutional repository for all publications of the University. The theses submitted to the University are also sent to the INFLIBNET for the Shodhganga. Information and Digital literacy programmes are organized from time to time for the users. **Sports:** Day to day maintenance of Sports facilities is done by three ground staff appointed on permanent post. Major maintenance work is done through the Engineering and Technical Division. Policy for utilizing the sport complex is through booking on first come first bases with a payment of booking charges at the SBI Bank. **Computer Centre:** Two dedicated service engineers and a systems analyst have been appointed for the maintenance of IT infrastructure on the campus. Entire university network is managed from computer centre for

management network switches, firewall, data centre, backup restore. Works Section: Annual maintenance contracts are being followed for maintenance of lifts, sewage pumping station, electricity, air conditioners, water coolers, etc., for smooth functioning of the system. For information on website, please visit <https://www.unigoa.ac.in/> and go to the main menu Facilities.

<https://www.unigoa.ac.in/>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Free Studentship, Student Aid Fund, Merit Scholarship, Research Studentship	458	7274210
Financial Support from Other Sources			
a) National	Central Sector Scheme Of Scholarships For College And University Students	2	40000
b) International	00	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
NET Coaching	02/03/2019	15	Dr. Manishika Jain, Ahmedabad, Examrace.com
NET Coaching	01/06/2018	2	DHE, Goa
NET Coaching	08/04/2019	10	Dept. of Hindi
Mentoring	01/06/2018	79	Dept. of Chemistry
Mentoring	01/07/2019	39	Dept. of Botany
Mentoring	08/07/2019	13	Dept. of Electronics
Mentoring	02/07/2018	58	Dept. of Hindi
Personal counseling	09/07/2019	13	Dept. of Electronics
Personal counseling for Marathi students	01/06/2018	29	DHE, Goa
Workshop on Counseling and Psychology (DCST)	27/06/2018	60	Mrs. Joan Pinto
Importance of Yoga	28/06/2018	30	Shri. Justine Shon

Meditation in day to day life (DCST)			
Bridge course: Basic French Language 1	16/07/2018	9	Dept. of French and Francophone Studies
Basic French Language 2	30/07/2018	9	Dept. of French and Francophone Studies
Phonetics and Oral Expression 1	18/06/2018	9	Dept. of French and Francophone Studies
Phonetics and Oral Expression 2	18/06/2018	9	Dept. of French and Francophone Studies
Soft Skills: Communications	16/07/2018	60	Dept. of Management Studies
Soft Skills: Interview Facing Skills	25/06/2018	60	Dept. of Management Studies
Soft Skills: Presentation, Interview Facing Skills, Negotiation Skills, Etiquettes, Time Management, Mock interviews by Executives	30/07/2018	60	Dept. of Management Studies
ACM Summer School Data Science	14/06/2018	45	ACM

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	UGC NET coaching	15	0	0	0
2019	Career Counseling	0	15	0	0
2018	UGC NET coaching	24	0	6	0
2018	Career Counseling	0	70	0	37

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	80

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
56	1433	194	13	23	23
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	M.Sc. Chemistry	Chemistry	Bupal Nobles University, Udaipur	Ph.D.
2018	1	M.Sc. Chemistry	Chemistry	Kuvempu University	Ph.D.
2018	1	M.Sc. Chemistry	Chemistry	Mangalore University	B.A(HRD)
2018	3	M.Sc. Chemistry	Chemistry	Mumbai University	B.Ed.
2018	1	M.Sc. Chemistry	Chemistry	S.N.D.T Women's University College of Home Science, Pune	PG DIPLOMA DIETETICS
2018	1	M.Sc. Chemistry	Chemistry	S.N.D.T. Women's University, Mumbai	B.Ed.
2018	1	M.Sc. Chemistry	Chemistry	Vys College of Education	B.Ed.
2018	1	M.Sc. Chemistry	Chemistry	MIT-ADT University	B.Ed.
2018	1	M.Com.	Commerce	SNDT University	B.Ed.
2018	1	M.Com.	Commerce	Shaikh College of Education	B.Ed.
2018	1	M.B.A. (FS)	Commerce	Goa University	B.Ed.
2018	1	M.Com.	Commerce	Associaçao Brasileira Arautos Do Evangelho	Course of Actualization and Development of Pastoral

					Action and Introduction of the Faith
2018	1	M.Phil.	Commerce	Null	Null
2018	1	M.Com.	Commerce	Mit Wpu School of Education and Research	B.Ed.
2018	1	M.B.A. (FS)	Commerce	Mumbai University	Securities Law
2018	1	M.B.A. (FS)	Commerce	BITS Pilani Birla	Null
2018	1	M.Com.	Commerce	JJTU, Rajasthan	Ph.D.
2018	1	M.C.A.	Computer Science and Technology	Kurukshetra University	M-TECH
2018	1	M.C.A.	Computer Science and Technology	Osmania University, Hyderabad	Advance Life Support
2018	1	M.C.A.	Computer Science and Technology	Indian Institute of Technology (IIT) Bombay	Ph.D. (IDP Educational Technology)
2018	1	M.C.A.	Computer Science and Technology	Maharastra Institute of Technology	Masters in business administration
2018	2	M.Sc. Applied Geology	Earth Science	Banaras Hindu University	Ph.D.
2018	2	M.Sc. Applied Geology	Earth Science	Sagar College of Education (B.Ed) Belagavi	Sagar college of education (B.Ed) belagavi
2018	1	M.Sc. Applied Geology	Earth Science	Pune University	Ph.D.
2018	1	M.A. Economics	Economics	Pragati Womens College of Education	B.Ed.
2018	2	M.A. Economics	Economics	S.N.D.T. Women's University, Mumbai.	B.Ed.
2018	3	M.A. Economics	Economics	Sagar College of Education (B.Ed), Belagavi	B.Ed.

2018	1	M.A. Economics	Economics	Aurora PG College, Ramanthapur, Osmania University, Hyderabad	MBA
2018	1	M.A. Economics	Economics	VYS College of Education,	B.Ed.
2018	4	M.A. English	English	Pragati Women'S College of Education (SNDT Women's University)	B.Ed.
2018	1	M.A. Hindi	Hindi	Pragati Women'S College of Education	B.Ed.
2018	1	M.A. Hindi	Hindi	Shivaji University, Kholapur	M.A. English
2018	1	M.A. Hindi	Hindi	Mahadevrao B.Ed Cillege Urkewadi, Taluka-Chandgad, Dist. Kolhapur, Maharashtra. Pin-416507	B.Ed.
2018	1	M.A. Hindi	Hindi	MIT Art & Design Technology University Loni Kalbhor Pune	B.Ed.
2018	1	M.A. Hindi	Hindi	Shri B.C Gangal College of Education	B.Ed.
2018	1	M.A. Hindi	Hindi	Shivaji University	M.A Marathi Distance Education
2018	1	M.A. Konkani	Konkani	Deccan College Post-Graduate & Research Institute	Master of Arts in Linguistics
2018	2	M.A. Konkani	Konkani	KLE Society's College of	B.Ed.

				Education	
2018	1	M.B.A.	Management Studies	D.K.T.E Society'S Kreedha Maharshi Meghnath Nageshkar College of Physical Education	B.P.Ed.
2018	1	M.B.A.	Management Studies	Pune University	M.Sc. (Military Technology)
2018	1	M.B.A.	Management Studies	Jamnalal Bajaj Institute of Management Studies	PGDMS
2018	1	M.A. Marathi	Marathi	Pragati Women's College of B.Ed Education	B.Ed.
2018	1	M.Sc. Marine Sciences	Marine Sciences	UiT Arctic University of Norway	MSC International Fisheries Management
2018	1	M.Sc. Marine Sciences	Marine Sciences	Rani Chenamma University Belgavi Karnataka, B.C Gangal College	B.Ed.
2018	1	M.Sc. Mathematics	Mathematics	Sagar College of Education, Belagavi	B.Ed.
2018	1	M.Sc. Mathematics	Mathematics	Shivaji University Kolhapur	M.Sc. Tech
2018	1	M.Sc. Biochemistry	Microbiology	Shaikh College of Education, Belgavi	B.Ed.
2018	1	M.Sc. Microbiology	Microbiology	V.Y.S. College of Education (B.Ed) Tondavali, Tal. Kankavli, Dist. - Sindhudurg(Mahar	B.Ed.

				ashtra)	
2018	1	M.Sc. Biochemistry	Microbiology	Rani Channamma University Balavil Bachelor of Education	B.Ed.
2018	1	M.Sc. Marine Microbiology	Microbiology	Sagar College of B.Ed Belgavi, Karnataka	B.Ed.
2018	1	M.Sc. Biochemistry	Microbiology	Indian Institute of Technology Bombay, Powai, Mumbai	Ph.D.
2018	1	M.Sc. Microbiology	Microbiology	Nil	Nil
2018	1	M.A. Philosophy	Philosophy	Nagambika College of Education for Women, Kalburgi	B.Ed.
2018	1	M.Sc. Physics	Physics	Sagar College of Education (B.Ed.), Belagavi.	B.Ed.
2018	1	M.A. Political Science	Political Science	Savitribai Phule University, Pune	B.Ed.
2018	1	M.A. Political Science	Political Science	Dr. D.Y. Patil College of Education	B.Ed.
2018	1	M.A. Political Science	Political Science	Sagar College of Education	B.Ed.
2018	5	M.A. Political Science	Political Science	MIT ADT University	B.Ed.
2018	1	M.A. Political Science	Political Science	Shri B.C. Gangal College of Education, C hikodi-59120 1	B.Ed.
2018	1	M.A. Political Science	Political Science	Nil	Nil

2018	1	M.A. Political Science	Political Science	Chandragiri B.Ed. College of Womens Belgaum	B.Ed.
2018	1	M.A. Political Science	Political Science	Nil	Nil
2018	1	M.A. Sociology	Sociology	Pragati-Womens College, Torxem-Goa, SNTD Women's University	B.Ed.
2018	1	M.A. Sociology	Sociology	Shaikh College of Education, Belgaum	B.Ed.
2018	1	M.Sc. Zoology	Zoology	Pragati Womens College of Education, Torxem, Goa 403512	B.Ed.
2018	1	Clinical Genetics & Medical Laboratory Techniques	Zoology	St. Theresa College of Education (B.Ed), Jyothi Nagar, Dt Dharwad	B.Ed.
2018	1	M.Sc. Zoology	Zoology	Nil	Nil
2018	4	M.A. English	English	Goa University	B.Ed.
2018	38	M.A. Hindi	Hindi	Goa University	B.Ed.
2018	8	M.A. Konkani	Konkani	Goa University	B.Ed.
2018	13	M.A. Marathi	Marathi	Goa University	B.Ed.
2018	1	M.A. History	History	Goa University	B.Ed.
2018	12	M.A. Sociology	Sociology	Goa University	B.Ed.
2018	25	M.Sc. Mathematics	Mathematics	Goa University	B.Ed.
2018	17	M.Sc. Physics	Physics	Goa University	B.Ed.
2018	10	M.Sc. Botany	Botany	Goa University	B.Ed.

2018	4	M.Sc. Biotechnology	Biotechnology	Goa University	B.Ed.
2018	3	M.Sc. Microbiology	Microbiology	Goa University	B.Ed.
2018	12	M.Sc. Zoology	Zoology	Goa University	B.Ed.
2018	14	M.Sc. Chemistry	Chemistry	Goa University	B.Ed.
2018	30	M.Sc. Economics	Economics	Goa University	B.Ed.
2018	13	M.Com.	Commerce	Goa University	B.Ed.
2018	1	M.Sc. Marine Sciences	Marine Sciences	Goa University	B.Ed.
2019	1	M.A. Hindi	Hindi	Goa University	Ph.D.Hindi
2019	1	M.A. Philosophy	Philosophy	Goa University	Ph.D. Philosophy
2019	2	M.A. Political Science	Political Science	Goa University	Ph.D. Political Science
2019	31	M.Com.	Commerce	Goa University	Ph.D. Commerce
2019	5	M.A. Economics	Economics	Goa University	Ph.D. Economics
2019	1	M.Sc. Electronics	Electronics	Goa University	Ph.D. Electronics
2019	4	M.B.A.	Management Studies	Goa University	Ph.D. Management Studies
2019	3	M.Sc. Chemistry	Chemistry	Goa University	Ph.D. Chemistry
2019	2	M.Sc. Applied Geology	Earth Science	Goa University	Ph.D. Earth Science
2019	1	M.A. History	History	Goa University	Ph.D. History
2018	1	M.Sc. Botany	Botany	Goa University	Ph.D. Botany
2018	1	M.Sc. Electronics	Electronics	Goa University	Ph.D. Electronics
2018	2	M.A. Hindi	Hindi	Goa University	Ph.D. Hindi
2018	6	M.Sc. Chemistry	Chemistry	Goa University	Ph.D. Chemistry
2018	6	M.A. Economics	Economics	Goa University	Ph.D. Economics
2018	1	M.A. English	English	Goa	Ph.D.

				University	English
2018	2	M.Sc. Biotechnology	Biotechnology	Goa University	Ph.D. Biotechnology
2018	6	M.Com.	Commerce	Goa University	Ph.D. Commerce
2018	5	M.A. Political Science	Political Science	Goa University	Ph.D. Political Science
2018	1	M.A. History	History	Goa University	Ph.D. History
2018	1	M.Sc. Microbiology	Microbiology	Goa University	Ph.D. Microbiology
2018	3	M.B.A.	Management Studies	Goa University	Ph.D. Management Studies
2018	1	M.Sc. Mathematics	Mathematics	Goa University	Ph.D. Mathematics
2018	2	M.Sc. Biotechnology	Biotechnology	CSIR-Institute of Microbial Technology	IMTECH-JNU Ph.D. program
2018	1	M.Sc. Marine Biotechnology	Biotechnology	Jawahar Lal Nehru University	Ph.D.
2018	1	M.Sc. Marine Biotechnology	Biotechnology	MD University	B.Ed.
2018	1	M.Sc. Marine Biotechnology	Biotechnology	Pt. Ramniwas College of Education	B.Ed.
2018	1	M.Sc. Marine Biotechnology	Biotechnology	Indian Institute of Science Education and Research, Pune	Ph.D.
2018	1	M.Sc. Biotechnology	Biotechnology	Rani Chinnamma University, Belgavi	B.Ed.
2018	1	M.Sc. Biotechnology	Biotechnology	Mumbai University	B.Ed.
2018	1	M.Sc. Biotechnology	Biotechnology	Post Graduate Institute of Medical and Research, Chandigarh	Ph.D.
2018	1	M.Sc. Biotechnology	Biotechnology	Central University	Ph.D. in biotechnology

				of South Bihar, Gaya	
2018	1	M.Sc. Biotechnology	Biotechnology	IIT, Bombay	Ph.D.
2018	1	M.Sc. Botany	Botany	Nil	Paramedic
2018	1	M.Sc. Chemistry	Chemistry	BITS Pilani, K.K Birla Goa Campus	Ph.D.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	11
SET	1
GATE	8
Any Other	3
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Badminton	Inter Collegiate	282
Table Tennis	Inter Collegiate	275
Judo	Inter Collegiate	178
Chess	Inter Collegiate	243
Cross Country	Inter Collegiate	194
Weight Lifting	Inter Collegiate	67
Power Lifting	Inter Collegiate	162
Best Physique	Inter Collegiate	40
Football	Inter Collegiate	1032
Tennikoit	Inter Collegiate	258
Cycling	Inter Collegiate	81
Basketball	Inter Collegiate	191
Swimming	Inter Collegiate	80
Kabaddi	Inter Collegiate	572
Tennis	Inter Collegiate	49
Athletics	Inter Collegiate	770
Handball	Inter Collegiate	532
KhoKho	Inter Collegiate	349
Volleyball	Inter Collegiate	759
Hockey	Inter Collegiate	224
Cricket	Inter Collegiate	762
Baseball	Inter Collegiate	303

Taekwondo	Inter Collegiate	149
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student representatives are members in the University Court, the Academic Council, IQAC committee, etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. Goa University Alumni Association was registered in 1996. Besides, one more Chemistry Department Faculty Alumni Association (CDFAA) also exists (which is a mix of students plus faculty).

5.4.2 – No. of registered Alumni:

350

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Chapterwise meetings of the Alumni associations are held. Dept. of Microbiology (10.3.2019), Dept. of Political Science (25.2.2019), Dept. of Zoology (2.3.2019), Dept. of Botany (22.2.2019), Dept. of Marine Science (23.3.2019), Dept. of Sociology (2.5.2019), Dept. of Economics (27.3.2019), Dept. of Management Studies (27.4.2019)

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Finance Division has been empowered to handle all disbursements. The Registrar has been relieved from signing the cheques. This has resulted in the speedy disbursements. The Registrar has been relieved of the responsibility.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
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Curriculum Development	The syllabus of the academic programs are updated from time to time as reflected in 1.1.1, 1.2.1 and 1.3.1 in above sections.
Industry Interaction / Collaboration	The University entered MoUs with 9 MoUs during this year with the organizations from within India and abroad, spanning to academic, research as well as industry. There are in all 34 active MoUs .
Examination and Evaluation	The students are shown evaluated answer sheets before the results are declared. This has considerably reduced the reevaluation and verification process.
Library, ICT and Physical Infrastructure / Instrumentation	1. Network switches have been upgraded during the reporting year. 2. Normal electric fixtures are being substituted by LED light fixtures to conserve energy. 3. Quebec collection: University received a donation of about 2000 books, enabling quality content from Quebec, Canada one of its kind in Asia. 4. Digital Archive: Library of archival importance is being scanned to make it available online. 5. GOALNET: A proposed consortium for the libraries of the university and its affiliated colleges. For its sustenance, a fee from students and researchers would be collected besides support from Government.
Research and Development	Research Incentive Fund has been raised to promote the publications in Scopus/Web of Science monitored journals.
Human Resource Management	1. Officers are encouraged to attend orientation programmes from time to time. Other administrative staff were also deputed for training on 9 January 2019 conducted by Goa Institute of Public Administrative and Rural Development (GIPARD), Government of Goa at Ela Farm, Old Goa. 2. Teachers are encouraged to attend the orientation and refresher courses at HRDC at Goa University or any other suitable venue.
Admission of Students	1. Admissions to the PG Programmes are governed by Goa University Admissions Ranking Test (GUART) 2. Online admission process has brought transparency in the system.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
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Administration	Applications for eligibility, migration, transcripts and other certificates are received in online mode.
Student Admission and Support	Online admission process is in place that brings in efficiency and transparency.
Examination	Applications for degree Certificate and documents authentication are received in online mode.
Finance and Accounts	1. All university financial transactions are switched to online mode using platforms such as SBI Collect, NEFT, etc. 2. Payslips to the staff are sent in electronic form 3. Generation of Form 16 etc all on digital format

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Bhosale, Sheshnath	3rd International Workshop on Corrosion and Protection of Materials	Conference attendance support only	70957
2018	Gangopadhyay, Aparajita	Scientific forum of the Federación Internacional de Estudios Sobre América Latina y el Caribe (FIEALC)	Conference attendance support only	100000
2018	Mahender, K.	Geoconvention International Conference (Registration fee)	Conference attendance support only	36000
2018	Mandrekar, Vrushali	11th World Hindi Conference at Mauritius	Conference attendance support only	80000
2018	Mishra, R.N.	11th World Hindi Conference at Mauritius	Conference attendance support only	80000
2018	Parab, J.S.	Biocom 2018	Conference	190000

			attendance support only	
2018	Parulekar, Dattesh	Scientific forum of the Federación Internacional de Estudios Sobre América Latina y el Caribe (FIEALC)	Conference attendance support only	100000
2018	Verenkar, V.M.S.	DAEBRN Interdisciplinary Symposium on Materials chemistry	Conference attendance support only	17799
2019	Gad, R.S.	Advanced Workshop on Modern Based Technology for Scientific Computing	Conference attendance support only	50000
2019	Shirsat, R.N.	Theoretical Chemistry Symposium	Conference attendance support only	20830
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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Nil	Training Programme on Sensitization held at Multipurpose Hall, Sanskruti Bhavan , P attoPanaji , Goa.	02/08/2018	03/08/2018	0	10
2018	Nil	Training Programme for University employees held at HRDC, Goa University	28/08/2018	30/08/2018	0	48

2018	Improving Computer Programming Competence : The Parikshak Approach	Nil	10/12/2018	10/12/2018	8	0
2018	Workshop on Academic Writing for the new Asst. Profs. from the Faculty of Languages Literature , and the Faculty of Social Sciences	Nil	31/10/2018	31/10/2018	17	0
2019	FDP on High Performance Computing	Nil	28/01/2019	01/02/2019	60	0
2019	Research Methodology in Science	Nil	05/02/2019	11/02/2019	24	0
2019	Short Term Course in Gender Sensitization (1 from GU)	Nil	19/03/2019	25/03/2019	32	1
2019	Short Term Course in Workshop on MOOC's content Development and Open Educational Resources (4 from GU)	Nil	12/03/2019	18/03/2019	18	2
2019	Workshop on 'Assessments in Computer Science Engineering'	Nil	30/03/2019	30/03/2019	50	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher

Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course in IoT	1	03/12/2018	22/12/2018	20
DST Training Programme in Basic and Advanced Proteomics, held at IITBombay, Powai, Maharashtra.	2	03/12/2018	12/12/2018	10
103rd Orientation Programme	1	02/01/2019	29/01/2019	28
Training Programme on Menstrual Hygiene Management for school Teacher (Conducted by Directorate of Education and Rotary Club, panaji)	1	17/01/2019	19/01/2019	3
National workshop on Leadership Development in Higher Education, NIEPA/ MHRD, Govt. Of India, New Delhi.	1	24/01/2019	25/01/2019	2
FDP on High Performance Computing	4	28/01/2019	01/02/2019	5
Academic leadership Development Programme (Under LEAP)	1	03/02/2019	12/02/2019	10
Short Term Course in Research Methodology in Science	16	05/02/2019	11/02/2019	7
Academic leadership	1	14/02/2019	19/02/2019	6

Development Programme (LEAP) Oxford module				
Refresher Course in English	2	19/02/2019	11/03/2019	21
FDP on Unraveling the Research Domain	1	06/08/2018	11/08/2018	6
Refresher Course in Life Sciences (Inter Disciplinary)	5	28/09/2018	18/10/2018	21
International Teacher Training Workshop by French Embassy in India and Centre de Linguistique Appliquée, Université de FrancheComté, Besançon, France.	1	04/11/2018	17/11/2018	14
Chhyavaad ke sou varsh (Refresher course)	1	12/11/2018	05/12/2018	24
Experimental Physics Refresher Course	1	12/11/2018	27/11/2018	16
102nd Orientation Programme	15	13/11/2018	10/12/2018	28
Refresher course	1	27/11/2018	17/12/2018	21
Refresher Course in Natural Sciences (Inter Disciplinary)	3	21/02/2019	13/03/2019	21
Short Term Course in Workshop on MOOC's econtent Development and Open Educational Resources	4	12/03/2019	18/03/2019	7

Short term course (Research Methodology)CDS, Kerala (Economics)	1	12/03/2019	16/03/2019	5
Short Term Course in Gender Sensitization	1	19/03/2019	25/03/2019	7
Workshop on 'Scientific Writing'	2	07/05/2019	09/05/2019	3
DELF/DALF Accreditation session organised by Alliance Française, India	1	11/05/2019	11/05/2019	1
GIAN Course on Principles of Drug Discovery, Design, and Development: Modern Concepts and Applications	1	27/05/2019	07/06/2019	12
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
18	27	62	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Leave Travel Concession, Child Care Leave, Children Education Allowance and Reimbursement of Medical expenses	Leave Travel Concession, Medical Reimbursement, Children Education Allowance and Child Care Leave	Placement, Alumni, Elections, Students' Union, Scholarships, freeships, Funding for conference attendance, Student aid fund, Earn while learn

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Goa University financial records are audited by Internal Auditors firm as well as by Comptroller and Auditor General of India (CAG). An internal auditor is appointed by the University to undertake this activity. The internal auditor report is placed in the Finance Committee and the Executive council of the University. Apart from this, the university is audited the CAG every year. The university is uptodate on its financial audit. The CAG report is placed in the

Goa Legislative Assembly every year.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Er. V.S. Sawant, Indian Water Works Association, Goa Centre, 1/B, Lake View Colony, Miramar, Panaji Goa - 403 001	200000	Endowment (Gold Medal)
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6.4.3 – Total corpus fund generated

147293638.72

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Expert Committee for concerned programs (4)	No	
Administrative	No		No	

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

1. The University grants autonomy to its affiliated colleges if they wish to do so after completing the process. Currently, one college is granted autonomous status 2. Colleges have started research clusters with PhD guides approved at the college level 3. Starting of PG course in colleges with 100 evaluation in the respective institution is also encouraged a step towards autonomy

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

PTA does not exist at the University

6.5.4 – Development programmes for support staff (at least three)

1. Menstrual Hygiene Management training for Staff in charge of Sanitation at Goa University: 25 July 2018 (50 sanitary workers attended) 2. Hands on Training on the Tally software for Accounts (all staff in Finance and Accounts Division) 3. Training Programme on Sensitization held at Multipurpose Hall, Sanskruti Bhavan, Panaji, Goa: 23 August 2018 (10 staff were deputed) 4. Training Programme for University employees held at HRDC, Goa University. 28 to 30 August 2018 (48 staff attended) 5. Training programme on Reservation of services held at Goa Institute of Public Administration Rural Development, Goa between 9 to 11 January 2019 (2 support staff deputed)

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1. Starting of new programmes and schools 2. Initiation of Goa University Management System 3. Implementaion of pay scales 4. CAS and recruitment of teachers and staff streamlined 5. Establishment of digital learning centre 6. Audit and review of quality related issues of University by senior academics 7. Academic audits 8. Participation in NIRF, QS, India Today and The Week rankings

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	IQAC Meeting	21/06/2018	21/06/2018	21/06/2018	15
2018	IQAC Meeting	28/09/2018	28/09/2018	28/09/2018	10
2019	IQAC Meeting	21/02/2019	21/02/2019	21/02/2019	14
2019	IQAC Meeting	26/02/2019	26/02/2019	26/12/2019	24
2018	Participation in NIRF	30/11/2018	30/10/2018	30/11/2018	0
2019	Participation in India Today Ranking	30/01/2019	01/01/2019	30/01/2019	0
2019	Participation in The Week Ranking	30/04/2019	01/04/2019	30/04/2019	0

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Installation of 9 Menstrual Hygiene Units in Goa University Campus	29/06/2018	29/06/2018	20	15
Purple Campaign in Government College, Quepem	19/07/2018	19/07/2018	47	7
Training for Administrative staff in managing Menstrual Hygiene Management (MHM) units	24/07/2018	24/07/2018	54	0

Purple Campaign in M.E.S. College, Vasco	08/09/2018	08/09/2018	39	19
Menstrual Hygiene Management (MHM) Training	03/08/2018	05/09/2018	869	370
Beti Bachao Beti Padhao Awareness by Student volunteers	10/11/2018	10/11/2018	9	5
Sensitization program on Sexual harassment of women at workplace: prevention, prohibition and redressal for Non-Teaching staff in 3 batches	03/10/2018	19/02/2019	374	186
Short term course on Gender Sensitization by HRDC, Goa University	19/03/2019	25/03/2019	8	25

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Rain water harvesting systems are developed to increase the ground water table in the campus. Also solar panels are planned for installation on roof tops. Annual consumption of power is 26.42 Lakh units and by installing solar panels it is estimated to reduce by 30.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	6
Provision for lift	Yes	6
Ramp/Rails	Yes	6
Braille Software/facilities	No	0
Rest Rooms	Yes	6
Scribes for examination	No	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	15/08/2018	1	Attended Gram Sabha at Paroda Village Panchayat	Handed over Brochure with Government schemes to the Sarpanch	17
2018	1	1	26/08/2018	1	Orientati on program with Marcaim Village Panchayat members	Solid Waste Man agement and Street play on Nital Goin (Swacch Goa)	70
2018	1	1	15/06/2018	180	House Hold survey for five Villages panchayat	Total 1500 house hold survey was performed as per the mandate of the UBADelhi	436
2019	1	1	19/02/2019	1	Developed course on for students at Univer sity	Course Title : Rural Community Engagemen t: Instit utions and Planning	16
2019	1	1	15/03/2019	1	Workshop on various governmet scheme from Dire ctorate	"Unnat Gram" workshop was organized for the five	170

					of Fisheries, Animal Husbandary, Agriculture to make them aware about the various scheme of the Government and Scheme forms were distributed	Villages Panchayat Elected Panch members and staff	
2019	1	1	09/04/2019	1	Meeting with the Farmer community of Village Panchayat of Santacruz	Community Farming and Organic farming initiatives	16
2018	1	1	14/06/2018	11	Meeting with Marcaim Village Panchayat members	Awareness on water harvesting initiative	53
2018	1	1	17/06/2018	1	Workshop on Village Development	Awareness drive on Water management and Open Defecation, Solid Waste management and sanitation and hygiene by Dr. Kakodkar, Expert doctors from Goa Medical College and street plays	63
2018	1	1	30/06/2018	1	Meeting with Pale	Awareness drive on	16

					Siridao Village Panchayat members	Water management and Open Defecation , Solid Waste management Cleanlines drive for the village	
2018	1	1	14/07/2018	1	Meeting with Sarpanch of St. Cruz and Panch member of Cacara	Cleanlines drive for the village	76
2018	1	1	28/07/2018	1	Meeting with Paroda Village Panchayat members	One night awareness camp to educated communities on Village development	3
2018	1	1	29/07/2018	1	Orientalion program with Marcaim Village Panchayat members	Solid Waste Management and Street play on Nital Goin (Swacch Goa)	53
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Ordinance OA4 Code of Professional Ethics for University and College Teachers	01/01/2018	The principles of the Ordinance are maintained in letter and spirit

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Every Tuesday morning interested staff and students meet to perform yogic practices (Pranayam and	05/06/2018	28/05/2019	12

Meditation) on the campus			
Pranayam, Yoga and Meditation	20/01/2019	01/02/2019	40
Happiness Programme containing Yoga, Pranayam and Sudarshan Kriya	05/02/2019	10/02/2019	9
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Water Harvesting
2. Plastic Free Zone
3. Plantation (Green Campus)
4. Implementation of Swachh Bharat program
5. Solar Energy (Proposal)

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Institutional repository: The University maintains a repository of theses and publications of students and faculty on the Internet (<http://irgu.unigoa.ac.in>). In all there are about 5800 records of which about 4800 hold fulltext files. This has increased visibility of the University research and a helpful resource for the management information. 2. The Visiting Research Professorship Programme is an initiative where seven chairs in the name of great personalities of the state in interdisciplinary fields (literature, art, western and Indian classical music, political economy Marathi Sant Sahitya) have been set up to invite the best minds from India and abroad from the academic and nonacademic world to conduct courses and interact with the students and public and promote research in the University. Among the other long list of best practices, the significant ones are: Research Incentive Fund, Seed money for research to new faculty, Support to the students to attend conferences, CBCS, Management Information System, Ground water recharging, Student exchange programmes, etc.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.unigoa.ac.in/a/best-practices.html>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The University offers PG programs that are tuned to the meet the relevant and required tertiary level knowledge aspirations and employment needs of the State. A couple of them are distinctive. MA in Konkani is the only program is unique and not offered anywhere in the world, whereas the MA in Portuguese is another program that is not offered anywhere in this subcontinent. By one measure, the University research publications rank the University at 6th among the Universities in India.

Provide the weblink of the institution

<https://www.unigoa.ac.in/>

8.Future Plans of Actions for Next Academic Year

- NAAC 4th cycle preparations
- Establishment of New Schools and Departments
- Harvesting solar energy
- Appointment of Social Media Champion as per UGC Guidelines
- Appointment of Social Media Consultant
- Filling up of vacant

positions (clearing backlog of reserved categories)