

Annual Quality Assurance Report (AQAR)

(Format Revised in October 2013)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC Goa University

Part – A

1. Details of the Institution

1.1	Name:	GOA UNIVERSITY		
1.2	Address:	Goa University P.O. Taleigao Plateau		
	City: Panaji	Pin: 403 206	State: Goa	
	Website:	www.unigoa.ac.in		

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	S. R. Shetye	O:0832-6519001 R: 0832-2461660	9011056605	0832-2451184	vc@unigoa.ac.in
Registrar	V. P. Kamat	O:0832-6519005 R: 0832-2465010	9225532577	0832-2452889	registrar@unigoa.ac.in
IQAC Coordinator	P. Mukhopadhyay	O:0832-6519298 R:0832-2453332	9325409801	-	iqac@unigoa.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879) GAUNGN10025

1.4 NAAC Executive Committee No. & Date: 66th Standing Committee meeting held on 24th September, 2014

1.5 Website address (of AQAR): <http://www.unigoa.ac.in/IQAC.php>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	Four Star	NA	2001	2001-2006
2	2 nd Cycle	B	2.6	2009	8 th March, 2009-7 th March, 2014
3	3 rd Cycle	A	3.09	2014	24 th September, 2014-23 rd September, 2019

1.7 Date of Establishment of IQAC :

11/07/2009

1.8 AQAR for the year

2013-14 (1st June, 2013 to 30th May, 2014)

1.9 Details of the previous year's AQAR submitted to NAAC

Dates of Submission:

- (i) 2009-10 (14/06/2013)
- (ii) 2010-11(14/06/2013)
- (iii) 2011-12 (10/12/2012)
- (iv) 2012-13 (30/12/2013)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Semi-Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme (On Campus)

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Not Applicable

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

Autonomy by State

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

8

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

Nil

2.4 No. of Management representatives

1

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and
community representatives

Nil

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held in 2013-14 One

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

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? **No** (Application is pending with UGC)

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

- E-learning and Management
- Intellectual Property Rights

2.14 Significant Activities and contributions made by IQAC

- The **IQAC** conducted workshops and meetings for faculty, students and staff aimed at educational quality awareness, e-learning and management and Intellectual Property Rights.
- The IQAC collected and reviewed the performance of the departments and faculty members of the university.
- Student feedback was collected course-wise and analyzed by the IQAC in e-format.
- Provided overall guidance for NAAC Assessment.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
Initiate campus-wide student feedback system shifting from a manual system to an online e-feedback system.	The university has now moved to a complete electronic based feedback system which is coordinated and monitored by the IQAC
Initiate a campus wide faculty data collection to create a database for all reports to be generated e.g. AQAR as well as the Annual report.	This is being implemented and faculty members are submitting data online for all academic activities for the AY.
Initiate a discussion on Quality Radars and the Academic Assessment schemes of UGC and other bodies	Leading researchers in the field of education were invited to give talks at the university. We expect this will lead to a national meeting that would give direction to possible policy changes in this regard.

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

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The IQAC is a Statutory Body in Goa University and is chaired by the Vice Chancellor. The AQAR was placed for approval in an IQAC meeting before submission to NAAC and other bodies.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	24	0		0
PG	29	2	1	31
UG	2	0	1	2
PG Diploma	1	0	1	1
Advanced Diploma	0	0		0
Diploma	0	0		0
Certificate	2	1		2
Others (M.Phil)	23	20		0
Total	81	23	3	36

Interdisciplinary	2			
Innovative	1			

1.2 (i) Flexibility of the Curriculum: CBCS

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	30
Trimester	1
Annual	Nil

1.3 Feedback from stakeholders Alumni Parents Employers Students

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

IQAC has set up a mechanism to collect online student feedback on each course conducted in the university. Students, Parents, employers, community stake-holders and alumni are encouraged to give feedback directly to the concerned official including the Vice Chancellor either by e-mail or in person.

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

OA-18- Credit based Master Degree programme has been implemented.

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

A new Department of Library and Information Sciences has been established which floats a set of programme leading to two post-graduate degree called B.Lib. and M.Lib. (Library)

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
106	22	42	42	

2.2 No. of permanent faculty with Ph.D.

95

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
14	5	0	28	5	19			19	52

2.4 No. of Guest and Visiting faculty and Temporary faculty

NA

13

26

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	0	16	12
Presented papers	53	54	12
Resource Persons	9	31	4

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

Inter-disciplinary programmes (such as M.Sc. in Marine Biotechnology, Marine Microbiology, Marine Science, MBA (Financial Services));

Offer a large number of Inter-disciplinary optional courses (like Remote Sensing, GIS, Statistics, Journalism through Language & Literature etc.) with credit-transfer facility

Promote wide-ranging options to the students to enhance their skills and expertise for better employment/career prospects.

Number of innovative teaching methods viz., class participation, student group seminars/ assignments, problem solving, hands-on training, quizzes, discussions, role play etc. have been followed across departments

Department of Computer Science & Technology trained 500 computer school teachers across the state for two years making use of blended teaching using LMS Moodle.

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

180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Internal Evaluation with student referral

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

All

All

All

2.10 Average percentage of attendance of students

75%

2.11 Course/Programme wise distribution of pass percentage :

Course	Total Students	Grade (percent students secured)						
		O	A	B+	B	C	D	F
Mathematics	25	4.00	24.00	24.00	16.00	28.00	4.00	0
Physics	22	9.09	22.73	27.27	18.18	18.18	4.55	0
Chemistry	36	50.00	41.67	5.56	2.78	0.00	0.00	0
Botany	19	31.58	42.11	5.26	10.53	0.00	10.53	0
French	3	100.00	0.00	0.00	0.00	0.00	0.00	0
Microbiology	13	38.46	61.54	0.00	0.00	0.00	0.00	0
Economics	32	0.00	34.38	12.50	12.50	21.88	18.75	0
Zoology	13	38.46	61.54	0.00	0.00	0.00	0.00	0
Marine Microbiology	14	14.29	71.43	14.29	0.00	0.00	0.00	0
English	37	13.51	48.65	13.51	16.22	8.11	0.00	0
Electronics	15	13.33	73.33	13.33	0.00	0.00	0.00	0
International Studies	4	0.00	25.00	25.00	25.00	25.00	0.00	0
Hindi	27	0.00	44.44	14.81	18.52	14.81	7.41	0
Marine Science	13	69.23	23.08	0.00	0.00	7.69	0.00	0
Marathi	25	4.00	56.00	20.00	8.00	0.00	12.00	0
Sociology	21	4.76	23.81	19.05	23.81	19.05	9.52	0
Geology	15	33.33	66.67	0.00	0.00	0.00	0.00	0
M.Com	35	57.14	40.00	0.00	2.86	0.00	0.00	0
Konkani	43	0.00	60.47	16.28	18.60	4.65	0.00	0
Political Science	20	0.00	70.00	30.00	0.00	0.00	0.00	0
Portuguese	6	16.67	83.33	0.00	0.00	0.00	0.00	0
Philosophy	3	33.33	0.00	0.00	33.33	0.00	33.33	0

Marine Biotechnology	13	23.08	61.54	0.00	7.69	0.00	7.69	0
History	32	0.00	71.88	6.25	6.25	9.38	6.25	0
MBA	61	0.00	0.00	0.00	100.00	0.00	0.00	0
BBA-HTT	1	0.00	0.00	0.00	100.00	0.00	0.00	0
		Distinction	First Class	Second Class	Pass Class	LENC*		Fails
MCA	28	10.71	39.29	39.29	0.00	10.71		0
BLISC	20	15.00	65.00	15.00	0.00	0.00		5
MBA (FS)	25	0	0	0	100	0	0	0
		*LENC = LOWER EXAMINATION NOT CLEARED						

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

IQAC has set up a mechanism to collect online student feedback on each course conducted in the university. The summary of this is then shared with Heads of Departments to undertake necessary follow up with individual teachers. Students, Parents, employers, community stake-holders and alumni are encouraged to give feedback directly to the concerned official including the Vice Chancellor either by e-mail or in person.

The IQAC has in 2013-14 initiated the collection of academic output from each faculty member in online format. This information is then used to build a database of all academic activity undertaken on a routine basis including courses taught, PhD students enrolled, publications, research projects as well as participation in workshops, seminars and conferences – essentially all items of reporting for the Annual Self Appraisal as per UGC guidelines.

This has led to establishment of data sets that are successfully put to use in compilation of departmental information for Annual Report, providing information on the request received under RTI Act with respect to academic activities of the University

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	159
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	141
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	0
Others	64

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant positions	Number of permanent positions filled during the year	Number of positions filled temporarily
Administrative Staff	314	274	5	21
Technical Staff	166	106	-	-

Criterion – III

3. Research, Consultancy and Extension

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

- IPR Workshop: The IQAC also co-organised a one-day workshop titled “Intellectual Property and Innovation Management in Knowledge Economy” on 13th Dec 2013 at Goa University in collaboration with National Research Development Corporation. The objective of the workshop was familiarize participants on the basics of IPR, patenting in India & abroad, prior art searching and other important aspects related to Innovation Management and Knowledge Economy. The LOC received about 72 online registration requests and 09 spot registration request. About 70 participants attended the workshop which included about 45 researchers/Faculty members from on-Campus Departments and remaining from the affiliated colleges/ institutes like GDCH, NCAOR, GEC, NIH, BITS-Goa, CIBA etc.

Resource persons included Shri Avinash Kumar, Additional Director (IPR), DRDO; Shri B K Sahu, Scientific Officer (IPR), NRDC; W. M. Dhumane, Former Joint Controller of Patent & design, IPO; S K Jha, Associate Professor, SJMSOM, IIT Mumbai; Shri Arvind Chopra, Head (IPR), EBTC, New Delhi; Mohan Dewan, Managing Director, M/s R K Dewan & Co., Pune.

- Moodle training workshop 17th December, 2013 -- a half day workshop conducted by Ramrao Wagh of Department of Computer Sciences and 28 teachers participated in the programme.
- Saumen Chattopadhyay, Zakir Hussain Centre for Educational Studies, JNU gave a talk on February 14, 2014 titled: “Autonomy and Accountability: A Bureaucratic Approach to Educational Governance Reform”.

3.2 Details regarding major projects

Research Projects sanctioned by external Funding Agencies for the year 2013-14

Sr.No.	Name of the faculty	Funding agency / period	Title of the project	Amount Sanctioned in Rs.
1	H.B. Menon	ISRO from April, 2013 to March, 2017	Establishing a network station at Goa University for atmospheric boundary layer measurements under the noble project of ISRO-GBP-SPL, VSSC, ISRO.	86,65,080/ - Ongoing
2	K. Mahender	UGC from March, 2013 to March, 2016	Dolomitization and Geochemical nature of proterozoic Carbonate rocks of Kaladgi Basin : implications of the origin and depositional environments.	12,50,800/ - Ongoing

3	H.B. Menon	INCOIS from April, 2013 to March, 2017	Optical characterization of case II waters and retrieval of colour components from an optical sensor.	61,23,000/ - Ongoing
4	C.U. Rivonker	MoES from February, 2013 to February, 2018	Assessment of Marine biodiversity along the Goa and northern Karnataka Coasts.	62,90,000/ - Funds not received.
5	Pranab Mukhopadhy ay	FFC from August, 2013 to February, 2014	Evaluation of State Finances with respect to Goa.	2,50,000/- Ongoing
6	V.S. Nadkarni	AERB from October, 2013 to October, 2016	Development of Novel Polymeric Detectors for selective Dosimetric Analysis.	25,19,250/ - Ongoing
7	G. Somayaji, Joanna Coelho	ICSSR from September, 2013 to September, 2016	Constructing nation in the Diaspora : Political Sociological study of the Tibetan refugees in Bylakuppr settlements South India.	1,00,000/- Ongoing
8	Savita Kerker	DSTE, Goa from November, 2013 to October, 2016	Impact of Tourism on Estuarine Water Quality and effect on Mangrove & Saltpan Ecosystem of Goa.	19,55,460/ - Ongoing
9	G. Santosh	DST from August, 2013 to September, 2018	Self-assembly of amphiphilic Donor acceptor dyads into nanostructures for applications in optoelectronics.	35,00,000/ - Ongoing
10	Pranab Mukhopadhy ay	MEF from November, 2013 to November, 2014	Linking Coastal Zone Management to Ecosystem services in India.	19,70,700/ - Ongoing
11	G.N. Nayak	AUC-UGC from January, 2014 to January, 2017	Estimation of Beryllium from the polar regions and lake sediments : paleo-oceanographic Implications.	6,03,000/- On going
12	Ramesh Pai	DSTE-GOA from January 2014 to January, 2017	Cluster mean-field theory for Bose- Hubbard Models.	6,78,000/- on going
13	Shaila Desouza	NMEW from May, 2014 to April, 2015	“SanghaMitra : Goa State coalition for Reproductive and Social Health of Adolescents”.	12,50,500/- on going
14	R.V. Pai	CSIR from April 2014 to March 2017	Random-Phase- Approximation excitation spectra for Bose-Hubbard Models.	12,42,000/- on going

Ongoing major projects

Sr.No.	Name of the faculty	Funding agency / period	Title of the project	Amount Sanctioned in Rs.
1	P.K. Sharma	DST, from January, 2010 to January, 2013	The behaviour of engineered nanoparticle on interaction with plants root, their absorption, uptake, translocation, photosynthesis and molecular response under controlled conditions in hydroponics system.	28,44,000/- Completed on Aug. 013
2	S.K. Shyama	MOES, from June, 2010 to June, 2013	Genotoxicity Studies on Field Populations of Commercially important Fin Fishes and Shellfishes of Central West Coast of India.	15,89,400/- Ongoing
3	G.N. Nayak	UGC, from February, 2011 to February, 2014	Understanding depositional environments, metal concentrations and processes through the study of mudflats within Mandovi-zuari estuarine system, Goa.	6,86,800/- Ongoing
4	K.R. Priolkar	IFCPAR from April, 2011 to April, 2014	Mechanisms of new long-lasting luminescence biomarkers.	24,28,000/- Ongoing
5	K.R. Priolkar	BRNS from April, 2011 to April, 2014	Study of magneto-elastic Coupling in Antiperovskite Materials.	22,12,750/- Ongoing
6	K.R. Priolkar	CSIR from April, 2011 to April, 2014	Study of Martensitic Transformation in Fe Doped Ferromagnetic Shape Memory Alloys.	14,82,000/- Ongoing
7	H.B. Menon	NRB, from July, 2011 to July, 2014	Variability of colour components in estuarine and Coastal regions of eastern Arabian sea and its predictive potential to Naval applications.	61,41,000/- Ongoing
8	C.U. Rivonker	NIO from September, 2011 to September, 2016	Ballast Water Management Programme – India (BAMPI)	1,06,41,400/- Ongoing
9	V.M. Matta	MoES from September, 2011 to September, 2016	Atmospheric deposition and its influence on nutrients in coastal waters of Goa-West coast of India.	47,37,000/- Ongoing
10	Usha Muraleedharan	MES from September, 2011 to September, 2016	Biogeochemical studies of the Arabian Sea and the effect of riverine inputs from the Mandovi-Zuari system along the West Coast of India.	64,00,000/- Ongoing
11	S.G. Tilve	CSIR from January, 2012 to January,	Synthetic studies in selected marine natural products.	16,00,000/- Ongoing

		2015		
12	M.K. Janarthanam	MoEF from March, 2012 to March, 2017	All India Coordinated project on sacred Grove Ecosystem service Assessment : Ecosystem Service Assessment in sacred Groves of Goa.	36,41,040/- Ongoing
13	M.K. Janarthanam - P.I. S. Krishnan- Co-PI	DBT from March, 2012 to March, 2017	Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools.	35,71,000/- Ongoing
14	G.N. Nayak	MES from March, 2012 to March, 2015	High resolution paleoclimatic studies form the Bay of Bengal.	12,78,000/- Ongoing
15	H.B. Menon	VSSC, ISRO, Trivandrum from April, 2012 to March, 2017	Aerosol Radiative Forcing Over India.	50,00,000/- Ongoing
16	A.V. Salkar	CSIR from May, 2012 to May, 2015	Selective and controlled catalytic oxidation of chemically sensitive organic substrates over metal organic compounds and mixed metal oxides.	20,00,000/- Ongoing
17	Jyoti Pawar- P.I. Ramdas Karmali- Co- PI Madhavi Sardesai – Co-PI	DIT from May, 2012 to November, 2014	ILCI Phase 2 Konkani Project	45,43,000/- Ongoing
18	Shri Ramdas Karmali, - PI, Madhavi Sardesai – Co-P.I. Jyoti Pawar- Co-PI	DIT From June, 2012 to February, 2015	Development of shallow parser Tools for 12 Indian Languages (SPT-IL)	36,00,000/- Ongoing
19	R.S. Gad	UGC from August, 2012 to September, 2015	Multimodal Biometric System Design with Embedded Technologies.	12,42,800/- Ongoing
20	Nityakalyani Srinivas	DST from August, 2012 to August, 2015	Total synthesis of bioactive natural products containing unusual amino acids exploring nature's unusual amino acids	22,85,000/- Ongoing
21	C.U. Rivonker – P.I. Vijaya Kerker – Co- PI	MoES from October, 2012 to October, 2017	Harmful Algal Blooms (HABs) – HAB monitoring (Mangalore to Goa)	54,00,000/- Sanction funds not received.

22	S. Krishnan	CSIR from October, 2012 to October, 2015	Large Scale Screening for High Garcinol and Hydroxycitric acid, In Vitro Culture and Molecular Characterization of Garcinia Species from the Western Ghats of India.	13,00,000/- Ongoing
23	S. Krishnan	CSIR from December, 2012 to November, 2015	Large Scale screening for high garcinol and hydroxycitric acid, In vitro culture and Moplecular characterization of Garcinia species from the Western Ghats of India.	12,68,400/- Ongoing

3.3 Details regarding minor projects NA

3.4 Details on research publications

	International	National	Total
Peer Review Journals	No criteria to distinguish between International and International Journals		150
Non-Peer Review Journals	No criteria to distinguish between International and International Journals		
e-Journals	No criteria to distinguish between International and International Journals		
Conference proceedings	19	13	1 (others)
Chapters in books	No criteria to distinguish between International and International Journals		13

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

The above Impact factor data is taken from the Thomson Reuter database for Journal Citation reports and does not include any other impact factor agency data.

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

Sr.No	Name of Funding Agency (Major projects)	Grants Received during the year 2013-2014
1	CSIR (Council of Scientific Industrial Research)New Delhi	15344.00
2	CSIR (Council of Scientific Industrial Research)New Delhi	283726.00
3	CSIR (Council of Scientific Industrial Research)New Delhi	86000.00
4	CSIR (Council of Scientific Industrial Research)New Delhi	168504.00
5	MOES(Ministry of Environment Science)New Delhi	206109.00
6	SERB(Science & Engineering Research board)	428933.00
7	SERB(Science & Engineering Research board)New Delhi	150000.00
8	SERB(Science & Engineering Research board)New Delhi	200000.00
9	DST(Department Of Science &Technology)New Delhi	1900000.00

10	DST(Department Of Science & Technology)New Delhi	800000.00
11	DAE(Department Of Atomic Energy) Mumbai	402512.00
12	DAE(Department Of Atomic Energy) Mumbai	417031.00
13	DBT(Dept Of Biotechnology)New Delhi	406120.00
14	DBT(Dept Of Biotechnology)New Delhi	171358.00
15	DBT(Dept Of Biotechnology)New Delhi	376860.00
16	DBT(Dept Of Biotechnology)New Delhi	290000.00
17	Department Of Space	1500000.00
18	AERB(Department Of Atomic Energy Regulatory Board)Mumbai	1484670.00
19	DIT(Dept of Information & Technology) New Delhi	1246617.00
20	Ministry of shipping road transport& highway(NIO)	1144930.00
22	SERB(Science & Engineering Research Board)New Delhi	900000.00
21	Fourteenth Finance Commission Project	168750.00
22	Ministry of Women & Child Development New Delhi	1250000.00
23	DSTE Goa(Department of Science ,Technology & Environment)	566800.00
24	DSTE Goa(Department of Science ,Technology & Environment)	218000.00
25	IFCPAR New Delhi	468381.00
26	UGC New Delhi	187500.00
	Total	15438145.00
	Minor Projects	
1	ICSSR(Indian Council of Social sciences Research) New Delhi	60000.00
2	ICSSR(Indian Council of Social sciences Research) New Delhi	360000.00
3	V.M Salgaocar & Sons	250000.00
	Total	670000.00

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy (Rs)

Name of the P.I.	Funding Agency	Sanctioned
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		Amount
1. Saroj Bhosle S. Garg	Sesa Goa Ltd. Goa.	7.80 Lakhs
2. Saroj Bhosle	Tata Enrgy Research Institute (TERI)	1.00 Lakhs.
3. A.G. Chachadi	i)V.M. Salgaocars ii) B.H. Mavani iii) Fomentos iv) Timblo`s	1.0 lakhs 1.12 lakhs 2.87 lakhs 3.75 lakhs 1.50 lakhs
4. V.V. Kamat	Tivim Tech.	40,000/-
5. G.N. Nayak	Terra Firma	5,82,000/-
6. Sandeep Garg Saroj Bhosle	M/s. Pest Control India Pvt. Ltd. Panaji.	10,000/-
7. Kavita Kerkar	M/s. Eureka Forbes Ltd., Mumbai	5750/-
8. R. Nirmala	M/s. Aparant Iron and Steel Pvt. Ltd., Panaji.	30,000/-
9. G.N. Nayak	Terra Firma, Mumbai.	11,62, 550/-
9. B.F. Rodrigues	Infrastructure Logistics Pvt. Ltd. Vainguinim Beach, Goa.	48,000/-
10 . A.G. Chachadi,	M/s. Minescape Minerals Pvt. Ltd., Panaji.	3,00,000/-
11 . Savita Kerkar,	M/s. Eureka Forbes, Mumbai	13,750/-
12 . Pranab Mukhopadhyay	International Centre for Integrated Mountain Development, Nepal.	60,000/-
13 . A.G. Chachadi	M/s V.M. Salgaocar & Bro. Pvt. Ltd. , Vasco-Da-Gama, Goa.	45,0000/-
14 . Savita Kerkar	Ureka Forbes Ltd., Mumbai	21,000/-
15 . Savita Kerkar	Ureka Forbes Ltd. Porvorim	14,000/-

16. P. Mukhopadhyay	International Centre for Integrated Mountain development. Kathmandu.	60,000/-
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3.11 No. of conferences

organized by the
Institution

Level	International	National	State	University	College
Number	1	10	9	17	
Sponsoring agencies	1	6	7	1	

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

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

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
1	0	0	1	0	0	0

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

3.19 No. of Ph.D. awarded by faculty from the Institution (As awarded during the GU convocation on 23rd January 2015)

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

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

There are a number of extension activities that GU undertook including a Visiting Research Chair Professor scheme. This scheme brought in Internationally reputed personalities from India and abroad provided a unique opportunity to Goans to interact with them. All courses/workshops/sessions conducted by these professors were open to students as well as general public. Over 1000 participants were attracted by these courses during the first year 2013-14. In order to allow our enrolled students to take advantage of doing credits, these courses were integrated into university's choice based curriculum as credit courses. Over a period of time these courses were organized not only on the University campus but also in colleges affiliated to university and other locations in Goa. A dedicated website was created to disseminate all information related to VRPP Programme and online registration facility for all courses. Goa University formed its own Western Music Choir and performed at prestigious festivals and places through efforts initiated due to VRPP Professors. These has enthused young minds to study liberal art, Indian and western classical music & Literature.

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

There are a number of extension activities that GU undertook including a Visiting Research Chair Professors programme (VRPP). This programme brought in internationally reputed personalities from India and abroad and provided a unique opportunity to the Goans to interact with them. All courses/workshops/sessions conducted by these personalities were open to the students as well as general public. Over 1000 participants were attracted by these courses in its first year itself (2013-14). The students were encouraged to take advantage of this opportunity by providing credits for these courses were under university's choice based integrated curriculum. Over a period of time these courses were organized not only on the University campus but also in colleges affiliated to the University and other venues in Goa. The information about the courses run under VRPP and online registration facility to these was made available on the University's website at <https://www.unigoa.ac.in/VRPP>, that attracted many from society. This also led to a formation of University's Western Music Choir. Their performances at prestigious festivals and occasions have enthused young minds to study liberal art, Indian and western classical music & Literature.

In addition to the VRPP, the university undertook numerous extension activities through the Extra-mural Studies. The following activities were held in various schools/villages in Goa during 2013-14:

The list of VRPP Chairs and Professors appointed under each chair for Year 2013-14

Ser#	VRPP Chair	Professor
1	DD Kosambi Chair in Interdisciplinary Studies	Madhav Gadgil
		Romila Thapar
		Sudhir Kakar
2	Dayanand Bandodkar Chair in Political Economy	Amit Bhaduri
3	Kavivarya Bakibaab Borkar Chair in Comparative Literature	Ashok Vajpeyi
		Nirmala Jain
		Jeet Thayil
4	Mario Miranda Chair in Art, Fine Art	Orijit Sen
		Jyotindra Jain
5	Anthony Gonsalves Chair in Western music	Santiago Lucardi Girelli
		Mark Troop
6	Nana Shirgaokar Chair in Indian Music	Shubha Mudgal
		Bahauddin Dagar

In addition to the VRPP programme, the university undertakes numerous extension activities through the Extra Mural Studies. The following activities were held in various schools/villages in Goa during 2013-14:

- Specially made mass education film with live commentary by B S Mohite of Shivaji University, Kolhapur.
- Workshop on water harvesting by Department of Earth Sciences, Goa University
- Demonstrations workshops and talks by Shri Ramchandra (Somu) Rao on FEAR OF THE UNKNOWN at various schools
- Workshop on Problems during adolescence by Rupesh Patkar and Archana Gaonkar in various schools
- Workshop on environment conservation by noted environmentalist Rajendra Kerkar

Mass Education Programme using film show in Goa

Mass education programme on natural calamities using film show and live commentary by B. S. Mohite, Associate Professor, Dept of Chemistry, Shivaji University were held in various parts of Goa from 11th February to 13th February, 2014. On 11/2/2014, programme was held at Holy Cross Institute, Quepem and Damodar Higher Secondary School, Gudi, Paroda. On 12/2/2014 at Govt High School, Morlem, Sattari and Vivekanand Environment Brigade, Keri Sattari. On 13/2/2014 at Sharada English High School, Marcela. He showed the films made by him on various natural calamities such as Earthquake, Floods and tsunami while providing a live and interactive commentary.

He also demonstrated the technique developed by him in synthesizing large sized designer crystal artifacts in the laboratory set by him. He has been able to synthesize some of the largest crystal based models using

household items and normal water in the fastest possible time. His films on global warming, space missions, earthquake and Tsunami were appreciated by student community and environmental activists from Goa.

Noted environmentalist Rajendra Kerkar organized his programme for the benefit of activists of Vivekanand Environment Brigade at Keri-Sattari. Uday Gaonkar and his colleagues organized the event at Shri Damodar Higher Secondary School, Gudi, Paroda, Sanjay Talwadkar and his colleagues organized the event at Holy Cross Institute, Quepem while Laxmi Sukhthankar, Headmistress of Govt School, Morle Colony helped in organizing the event at Govt School, Morlem. Headmaster of Sharada School, Marcela Shri Borkar and teacher Prakash Nayak conducted the programme at Sharada School, Marcela.

A workshop on Water Harvesting by faculty(2) and students (about 25)of Dept of Earth Sciences was organized at Vividha Higher Secondary School, Navelim, Sanquelim Goa on 8th March, 2014. This involved a street-play, poster exhibition and interaction with students. This activity has been carried out in previous years at other locations under the board and has been highly appreciated by all.

Ser#	Date & Time	Place
1	11/2/2014 10.30 am	Holy Cross Institute, Quepem
2	11/2/2014 2.30 pm	Damodar Higher Secondary School, Gudi, Paroda
3	12/2/2014 10.30 am	Govt High School, Morlem, Sattari
4	12/2/2014 4.00 pm	Vivekanand Environment Brigade, Keri Sattari
5	13/2/2014 10.30 am	Sharada English High School, Marcela

Programmes conducted at various schools/organizations

Ser#	Name of the Resource Person	Date	Venue
1	Rupesh Patkar & Archana Gaonakr	17/02/2014	LHBD School, Thane, Sattari
		19/2/2014	Govt High School, Surla, Sattari
		22/2/2014	Govt High School, Sadolxem
		24/2/2014	Govt High school, Srishtal
		26/2/2014	Saraswati High School, Juvem

2	Ramchandra(Somu) Rao	27/1/2014	Peter Alvares High School, Morjim
		13/2/2014	Guardian Angel Higher Secondary, Sanvordem
		18/2/2014	Govt. High School, Thane, Valpoi
		28/2/2014	SS Angle Higher Secondary, Mashem
		13/3/2014	Govt. College, Pernem
		15/3/2014	Jaycess Women's empowerment week, Vasco
3	Rajendra Kerkar	18/02/2014	Govt High School, Netravali
		20/03/2014	Govt High School, Surla
		22/03/2014	Vivekanand Prerana Pratisthan, Keri
		25/03/2014	Govt High School, Thane
		28/03/2014	Ideal High School, Pilgao

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Funding	Total
Campus area	16,30,218/- Sq.m.		Goa government	16,30,218/- Sq.m.
Class rooms	2757/- Sq.m.	720/- Sq.m.	Goa University + Goa government	3477/- Sq.m.
Laboratories	2997/- Sq.m.	3545/-Sq.m.	Goa University + UGC + Goa government	6542/- Sq.m.
Seminar Halls	5	3	Goa University + Goa government	8
No. of important equipments purchased (≥ 1 -0 lakh) during the current year.		21	Goa University + UGC + Goa government+ Funding Agencies	21
Value of the equipment and furniture purchased during the year (Rs. in Lakhs)		1,27,46,208 (GU Budget)+ 1,30,85,819 (UGC 12 th Plan + Project funds)	Goa University + UGC + Goa government	1,27,46,208 (GU Budget)+ 1,30,85,819 (UGC 12 th Plan + Project funds)
Others				

4.2 Computerization of administration and library

Goa University promotes use of the technological resources and ICT among students the faculty, students and administration. The Library is computerized and offers electronic service and e-journal facility.

Campus-wide availability of Wi-Fi including the library further promotes the use of technology.

Most of the important activities of the administration have been computerised using in-house resources . These are Enrolment, Examinations, Payroll, Personnel information, Leave Record, Financial Accounting, Inventory etc. The University is now going for a total ERP solution ‘Goa University Integrated Management System’ which is expected to get implemented before next academic year.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1,47204		8279	4,56212	1,55483	
Reference Books	35000		112	12500 approx	35112	
e-Books	214	11,00,000			214	11,00,000
Journals	275	65,19,834			275	65,19,834
e-Journals	-	-	-	-	-	-
Digital Database						
CD & Video					3273	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers connected to Internet	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	Desktop 500 Laptop 800	13	1 GB & 16 MBps	Each Department s	Desktop 20 Laptop 2	Desktop 100+	Desktops 350+ Laptops 100+	Students Laptops 650+
Added	Laptops 350+	1	No Change		-	-	-	Students Laptops 350+
Total	1650	14			22	100+	450+	1000+

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

IT Services are managed by the University Computer Centre which looks after the IT requirements and provides technical solutions. The Hardware management is outsourced to a third party who maintains the infrastructure by deputing onsite engineers working full time. Each department undertakes necessary training for students.

Negotiations are already on for short-listing an agency to implement computerized administration (through a University Managed Services software). In the near future, many important aspects such as examinations, admissions, convocation etc. will be administered using the UMS and will be accessible to all students of the University and affiliated Colleges.

The intranet is on a 1 Gbps fibre optic backbone at the core and distributed over cat 6 UTP, with appropriate redundant links wherever necessary. The campus security is maintained by a Universal Threat Management System (UTM) with gateway firewall and End Point security system for each client. The full campus is also on a wireless network reaching out to most of the Classroom, Hostels and Guesthouses. Regular workshops are being conducted by the University to train Faculty and Students in advance use of Google Apps, Moodle (LAMS) etc. The university is making efforts to reach out to learning community through distance education facility A-View.

4.6 Amount spent on maintenance in lakhs :

i) Campus Infrastructure and facilities

ii) Equipments

iii) Others (including ICT)

Total :

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC helped in putting in place an online admission and examination administration system.

5.2 Efforts made by the institution for tracking the progression

The institution attempts to track progression through the Alumni Association and social networks. A number of past students keep in touch with the parent department. An alumni directory is being set up for continual updating of progression.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others (Diploma Clinical Laboratory)
39	1492	282	30

(b) No. of students outside the state

52

(c) No. of international students

16

Men (PG)	No	%	Women (PG)	No	%
	391	26		1101	74

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
641	11	59	145	2	858	807	12	62	167	5	1053

Demand ratio 2.25

Dropout 1-2% (approximately)

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

To help its students, the Goa University coordinates the UGC-NET and SET (Maharashtra State) examinations. There is no Goa Centre for the CSIR entrance test (Science & Engineering subjects) and the University has already sent a representation to the CSIR to sanction a Goa center for this examination. In order to enable more students to pass the UGC-NET and CSIR-UGC examination, the University also organizes UGC sponsored NET/SET Coaching classes for the candidates belonging to the SC/ST/OBC and the Minority categories.

No. of students beneficiaries

5.5 No. of students qualified in these examinations NA

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

5.6 Details of student counselling and career guidance

Counselling service is being provided to the students on the campus to cope with stress related to education and personal problem by a professional counsellor.

Placement service has been in operation informally in MCA and MBA programs has been formalized through campus placement cell which has successfully organized campus job

No. of students benefitted from counselling

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
12	75	48	33

5.8 Details of gender sensitization programmes

The University has a Committee for Prevention of Sexual Harassment of Women at Workplace (**CPSHW**), with a Chairperson and eight Members including experts in Law and members from Non-Governmental Organizations (NGOs).
A gender related and sexual-harassment-sensitization programme (day long) is conducted annually in the first week of September. The contact details of committee members are well publicized across the campus.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	304	29,43,400
Financial support from government	226	82,11,609
Financial support from other sources	114	2,67,635
Number of students who received International/ National recognitions	NIL	NIL

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

The University, in order to meet increased demand from new entrants, increased student intake by over 30% in various departments in order to accommodate increased demand for PG admissions.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

The broad vision of the University is to attain global visibility by developing trained human resource on par with global standards, having a high degree of international expertise, socially inclusive perspectives, cross-cultural competencies and ethical character while meeting the employment and knowledge aspirations locally.

Towards this end, the mission of the University has been to create conducive academic environment of high standards and impart higher education with a state-of-the-art infrastructure and high moral climate.

6.2 Does the Institution has a management Information System

The University has taken a decision to implement a complete Management Information System (ERP) for the University which will be completed before the next Academic year. The work order for the same has already been placed.

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

6.3.1 Curriculum Development

Goa University follows a systematic multi-level process in the design, development and implementation of the Post-Graduate curriculum offered on the campus.

Level-1: Based on the curriculum model of UGC/ necessary inputs from other universities, feedback from alumni, parents and industry the individual Departmental Councils propose/suggest structure(s) of the program(s), details of courses, infrastructural and allied requirements.

Level-2: The Board of Studies (**BOS**) comprising of external experts and members of the Faculty from the teaching department concerned and affiliated colleges, reviews the program and courses and makes suitable recommendations for the approval of the Academic Council of the University for implementation.

Level-3: Finally, the Programs recommended are discussed and deliberated upon by the Academic Council which approves the course content for implementation preferably from the subsequent academic year. The same is placed on the University website for reference.

Level-4: Further every existing program goes through a review/revision based on the feedback from academic audit committee, students and employers.

6.3.2 Teaching and Learning

Every Department classroom is being made into a smart classroom equipped with LCD overhead projector, laptop/desktop with some also having an interactive smart board, etc.

Google Apps and Moodle local server has been provided for improving e-learning.

Every Department is provided with internet facility.

Well-equipped Laboratories are available in most science Departments.

A Language Lab in the Faculty of Languages was established with 9th plan support from UGC.

6.3.3 Examination and Evaluation

Internal Assessment of PG courses.

Transparency: Students shown **answer scripts** after evaluation before the announcement of results.

Grievance Committee addresses issues of disagreement.

6.3.4 Research and Development

Faculty is encouraged to research funding from various state government as well as central funding agencies such UGC, DST, DBT, Indian Navy, NCAOR, ACITE, ICMR etc.

Well-furnished Laboratories with adequate space and uninterrupted power supply with internet, campus-wide Wi-Fi connectivity with the aid of NKN a large bandwidth of **1 GB internet** is provided to the students & faculty for computational aspects.

A dedicated Research Development and Resource Mobilisation Cell under a senior faculty member is meant to assist in the administration of research projects.

6.3.5 Library, ICT and physical infrastructure / instrumentation

GU Library has a space of 6500 sqm with seating capacity of 200. It uses the KOHA Integrated Library management Software to automate all its activities. The Library website uses the Drupal Content management System. Issue system of the library is automated using the Barcodes. The library houses 40PCs and 3 printers for user access. The Library is an integral part of INFLIBNET and also subscribes to DELNET facilities.

6.3.6 Human Resource Management

The number of programs offered by each department, student strength of the department and unfilled vacancies remaining in each department are considered for human resource planning.

Teachers are facilitated in attending training programs, workshops and seminars for development of competencies and networking.

6.3.7 Faculty and Staff recruitment

The recruitments are done on the basis of national advertisements and strictly adhering to UGC standards to ensure quality. The University also maintains a roaster-based reservation policy for faculty recruitment.

6.3.8 Industry Interaction / Collaboration

Interaction with industry is made through seminars, workshops, internships, and research and consultancy projects. The close interaction of Industry with departments, such as Commerce, Computer Science & Technology, Earth Sciences, Marine Sciences and Management Studies, helps in streamlining the curriculum-revision process towards meeting shared objectives.

Further, such interaction facilitates student-internship programs and enhances employment opportunities for them.

Guest faculty is also invited from industry to help in teaching sections of courses.

One Pharmaceutical Laboratory has been approved as a Recognised PhD Research centre.

6.3.9 Admission of Students

While most of the PG programs on the campus offer admissions strictly based on the merit and Entrance Tests (to certain categories of students such as change of Subject/Faculty and those from outside the GU), some PG programs (MBA, MCA, and M.Sc. in Marine Biotechnology) have national-level selection tests for admissions. Over **1400 students** could take admissions **during 2013-14 using** online submission of applications for all PG programmes.

6.4 Welfare schemes for

Teaching	Medical Health Centre on campus
Non teaching	Festival advances, LTC, Computer advance medical Health Campus, Consumer Credit Society, Cooperative Society
Students	Earn while you learn GU Merit Scholarships Transport Hostel, Medical Health Centre on Campus

6.5 Total corpus fund generated

Rs. 3,53,000

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Academic Audit Committee	Yes	Boards of Study
Administrative	Yes (Financial)	Chartered Accountants, Auditors	Yes	GU Administration

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

For UG Programmes

Yes

No

For PG Programmes

Yes

No

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

Continuous assessment and **100% internal assessment** or evaluation in the recently adopted Choice Based Credit System.

Final degree certificates are issued with **photo identity**. **Transparency** in the evaluation process by showing answer papers students perusal before result declaration. University is in the process of procuring **University Management System** to regulate University examination system as well as University administration.

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

University has framed an Ordinance elucidating the procedure to grant autonomy to potential colleges. Approvals are in process for the grant of autonomy of an affiliated college from AY 2015-16.

6.11 Activities and support from the Alumni Association

Goa University has a formal **Registered** Alumni Association to interact with the ex-students of Goa University as well as those of erstwhile Centre of Post-Graduate Instruction and Research (CPIR). On 14th August 2013 **Alumni Day** was celebrated. A distinguished alumnus of Goa University Ashank Dessai was invited as the Chief Guest and many alumni participated in this programme which was followed by a cultural programme involving them.

In addition to the Goa University alumni association, many Departments have informal alumni associations like the Department of Chemistry, the Department of Computer Science, Department of Management Studies, Department of Earth Science,

Alumni help the students in placement and career guidance. for student interaction and professional training by arranging interactive sessions.

6.12 Activities and support from the Parent – Teacher Association

Goa University does not have a formal Parent Teacher Association. There is a Goa University Teachers Association that is active on campus and intervenes with the administration on matters pertaining to University upliftment and teachers welfare.

6.13 Development programmes for support staff

Training programme for University staff held during 04-12-2013 to 17-12-2013 on different topics. 357 employees attended the said programme.

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

Goa University has a **5 KVA hybrid** (wind and solar) power plant. The entire USIC electrical appliances (tube lights and fans) run on this power plant. In addition, the University campus has 83 solar lamps for street lighting. The University has established two major rainwater harvesting structures on the campus and has been recharging the depleted groundwater reservoir to the tune of about 40 million liters per year. This amount to about two month's water consumption volume on the campus which is nearly 5 lakh liters per day. University has ensured **conservation** of pre-existing seasonal pools and ponds wherever possible and this has helped in conservation of aquatic biodiversity. Instead of check dams, the University uses diversion canals and '*jalkunds*' made from plastic sheets to store water.

Criterion – VII

7. Innovations and Best Practices

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

The VRPP programme was introduced which resulted in a number of ripple effects in the teaching learning process as detailed earlier in this report. The Goa University has launched a new Visiting Research Professors Programme, which brings doyens in the fields of liberal arts, social and natural sciences, and other fields to the University.

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

The university has now moved to a complete electronic based feedback system which is coordinated and monitored by the IQAC. This is being implemented and faculty members are submitting data online for all academic activities for the AY. Leading researchers in the field of education were invited to give talks at the university. We expect this will lead to a national meeting that would give direction to possible policy changes in this regard.

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

Complete internal and transparency in PG assessment.
Student feedback for each course in online format conducted by IQAC

7.4 Contribution to environmental awareness / protection

The development of efficient water harvesting system recharging of groundwater reservoir on the campus has become a model for many other institutions and industries to adopt; scientifically planned and successfully implemented biodiversity plantations on the hard lateritic campus; concerted efforts to carry out campus greening to add to the Carbon credits of the region; care of the greenery on the campus by regular maintenance; conducting annual plantation program under “*Vanamahosthav*”; safe disposal of e-waste and proper hazardous-waste management; and, most importantly, conservation of the rich biodiversity extant on the campus in spite of undertaking the much needed construction activity for faculty blocks, laboratories hostels and allied facilities.

7.5 Whether environmental audit was conducted? Yes No

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

NA

8. Plans of institution for next year (2014-2015):

The career advancement information as well as the Annual Report of Departments to be maintained in an online database by IQAC and shared with relevant bodies.

Conduct training and awareness workshops related to Accreditation for affiliated colleges.

Conduct a training workshop for college administrators on implementation of CAS guidelines.

Make the system of PG admissions completely online.

New PG-Masters and PhD ordinances – give some highlights including compulsory dissertation.

Phase 1 of UMS work to be started

Complete Online fees payment gateway for all students



Pranab Mukhopadhyay

Signature of the Director, IQAC



Satish R. Shetye

Signature of the Chairperson, IQAC

Annexure I

ACADEMIC CALENDAR 2013-2014	
The arrangement for Academic Terms for M.A./M.Sc./M.Com./M.B.A. (Financial Services).	
06/06/2013 Reopening	
06/06/2013 - 26/11/2013	Ist Term
17/06/2013 - 31/10/2013	Teaching: I & III Semester (90 days)
11/09/2013 - 13/09/2013	Ganesh Chaturthi Break (3 days)
31/10/2013	Teaching Ends
01/11/2013 - 03/11/2013	Preparatory Break
04/11/2013 - 07/11/2013	Diwali vacation (4 days)
12/11/2013 - 22/11/2013	Exams Semester I & III & Repeat
25/11/2013 - 26/11/2013	CAP
27/11/2013 - 05/05/2014	IInd Term
27/11/2013 - 11/04/2014	Teaching: II & IV Semester (90 days)
24/12/2013 - 27/12/2013	Christmas Break (4 days)
11/04/2014	Teaching Ends
12/04/2014 - 15/04/2014	Preparatory Break
16/04/2014 - 30/04/2014	Exam Semester II & IV & Repeat
03/05/2014 - 05/05/2014	CAP
06/05/2014 - 05/06/2014	Summer Vacation (31 days)
06/06/2014 Reopening	