

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

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2011 to June 30, 2012)*

**ANNUAL QUALITY ASSURANCE REPORT**

Part – A

1.		Details of the Institution			
1.1	Name of the Institution	The Maharaja Sayajirao University of Baroda			
1.2	Address Line 1	Opp. Drugs Laboratory			
	Address Line 2	Fatehgunj			
	City/Town	Vadodara			
	State	Gujarat			
	Pin Code	390002			
	Institution e-mail address	vc@msubaroda.ac.in, registrar@msubaroda.ac.in			
	Contact Nos.	0265-2795521			
	Name of the Head of the Institution	Prof. Yogesh Singh			
	Tel. No. with STD Code	0265-2795600			
	Mobile	9825409001			
	Name of the IQAC Co-ordinator	Dr. Dipti Oza			
	Mobile	9375993261			
	IQAC e-mail address	Director-iqac@msubaroda.ac.in			
1.3	NAAC Track ID	EC/52/RAR/74			
1.4	NAAC Executive Committee No. & Date	EC/52/RAR/74, Certificate date: 28/3/2010			
1.5	Website address	www.msubaroda.ac.in			
	Web-link of the AQAR	http.msubaroda.ac.in/iqac/index.php?iqac=aqar			
1.6	Accreditation Details	Given below			
Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	Four Stars	--	2001	5 years
2	2 <sup>nd</sup> Cycle	B	2.71	2010	5 years
1.7	Date of Establishment of IQAC	14/03/2007			
1.8	AQAR for the year	2011-2012			
1.9	Details of the previous year's AQAR submitted to NAAC after the latest Assessment and	Not Applicable			

	Accreditation by NAAC	
1.10	Institutional Status	State University
	University	State
	Affiliated College	No
	Constituent College	Yes
	Autonomous college of UGC	No
	Regulatory Agency approved Institution	Yes
	Type of Institution	Co-education
		Urban
	Financial Status	Grant-in-aid
		UGC 2(f) & 12B
1.11	Type of Faculty/Programme	Faculty of Arts, Faculty of Commerce, Faculty of Education and Psychology, Faculty of Family & Community Sciences, Faculty of Fine Arts, Faculty of Journalism & Communication, Faculty of Law, Faculty of Management Studies, Faculty of Medicine, Faculty of Performing Arts, Faculty of Science, Faculty of Social work, Faculty of Technology and Engineering, Baroda Sanskrit Mahavidyalaya, M.K. Amin College Padra, Polytechnic, Oriental Institute.
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
		<p><b>UGC-Special Assistance Programmes DRS in Department of</b></p> <ol style="list-style-type: none"> <li>1. Archaeology &amp; Ancient History</li> <li>2. Applied Chemistry</li> <li>3. Applied Physics</li> <li>4. Botany</li> <li>5. Educational Administration</li> <li>6. English</li> <li>7. Gujarati</li> <li>8. Microbiology</li> <li>9. Pharmacy</li> <li>10. Physics</li> </ol> <p><b>DSA in Department of</b></p> <ol style="list-style-type: none"> <li>1. Foods &amp; Nutrition</li> <li>2. Social Work</li> </ol>

		<p><b>CAS in Department of</b></p> <ol style="list-style-type: none"> <li>1. Education</li> <li>2. Chemistry</li> <li>3. HDFS</li> </ol> <p><b>UGC – ASIHSS</b></p> <ol style="list-style-type: none"> <li>1. Social Work</li> </ol> <p><b>DST-FIST in Department of</b></p> <ol style="list-style-type: none"> <li>1. Physics</li> <li>2. Mathematics</li> <li>3. Pharmacy</li> <li>4. Chemistry</li> <li>5. Microbiology</li> <li>6. Applied Physics</li> <li>7. Biochemistry</li> <li>8. Applied chemistry</li> </ol> <p><b>UGC Study Centres</b></p> <ol style="list-style-type: none"> <li>1. Dr. Ambedkar study centre</li> <li>2. Shri Aurobindo study centre</li> <li>3. Area studies centre</li> <li>4. Lifelong learning and extension</li> </ol> <p><b>UGC Strengthening of Infrastructure grant</b></p> <ol style="list-style-type: none"> <li>1. Botany</li> </ol> <p><b>Centre for advance research in molecular genetics</b></p> <ol style="list-style-type: none"> <li>1. Microbiology</li> </ol> <p><b>MHRD – Community development</b></p> <ol style="list-style-type: none"> <li>1. Polytechnic</li> </ol> <p><b>DST-TIFAC in Department of</b></p> <ol style="list-style-type: none"> <li>1. Pharmacy</li> </ol> <p><b>DBT- Inter disciplinary Life Science Program for Advanced Research &amp; Education in Department of</b></p> <ol style="list-style-type: none"> <li>1. Biochemistry</li> </ol>
<b>2.</b>	<b><u>IQAC Composition and Activities</u></b>	
2.1	No. of Teachers	10
2.2	No. of Administrative/Technical staff	4
2.3	No. of students	-
2.4	No. of Management representatives	1
2.5	No. of Alumni	-
2.6	No. of any other stakeholder and	-

	community representatives	
2.7	No. of Employers/ Industrialists	-
2.8	No. of other External Experts	-
2.9	Total No. of Members	15
2.10	No. of IQAC meetings held	2
2.11	No. of meetings with various stakeholders	
	Faculty	3
	Non-Teaching Staff	2
	Students	1
	Alumni	1
	Others	-
2.12	Has IQAC received any funding from UGC during the year?	Yes, 5 lakhs for five years in 11 <sup>th</sup> plan
2.13	Seminars and Conferences (only quality related):	
	(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
	Total Nos.	45
	International Level	2
	National Level	41
	State Level	2
	Institution Level	0
	(ii) Themes	
	<ul style="list-style-type: none"> <li>• Study groups meeting,</li> <li>• Environmental archaeology</li> <li>• Open sources software</li> <li>• Entrepreneurships</li> <li>• Nutritional sciences</li> <li>• Vedic rituals &amp; Education.</li> </ul>	
2.14	Significant Activities and contributions made by IQAC:	
	<ul style="list-style-type: none"> <li>• Arranged Feedback responses from students on quality related institutional process</li> <li>• Documentation of various programmes and acting as a nodal agencies of HEI that leads to quality improvement</li> <li>• Development and maintenance of institutional database</li> <li>• Preparation of AQAR</li> <li>• The M S University of Baroda has well established research culture, which predates the formation of IQAC. The IQAC keeps track of research activities in the different faculties of the university and facilitates its implementation.</li> <li>• Workshop conducted on “ How to write research paper “</li> <li>• IQAC cell formed in individual faculty for promoting the research.</li> <li>• University offered special grant for newly appointed teacher as a startup grant.</li> <li>• University has collaboration with different foreign university for faculty and student interchange program for research.</li> </ul>	

2.15	Plan of Action by IQAC/Outcome	
	Plan of Action	Achievements
	<ul style="list-style-type: none"> <li>• To introduce CBCS across the faculties.</li> <li>• To encourage departments to start new courses.</li> <li>• To design &amp; restructure the curriculum that focus on applying learning to real life situations</li> <li>• To introduce certain reforms in examination &amp; evaluation system of the Institution.</li> <li>• To establish directorate of students welfare to financially support deprived students for waving tuition fees &amp; hostel fees.</li> <li>• To enhance the international exchange programs &amp; making MOUs with institutions abroad.</li> <li>• To encourage teacher for getting grants from other funding agencies and getting more &amp; more research projects from various funding agencies.</li> <li>• To introduce ICT &amp; innovative practices in the teaching learning processes.</li> <li>• Baroda Sanskrit Vidyalaya had a plan to finish the editing of <i>Markandeyapurana</i>, which was in process since last few years.</li> </ul>	<ul style="list-style-type: none"> <li>• There are various newly introduced courses</li> <li>• Faculty of law adopts the latest amendments and developments in law in order to keep pace with the contemporary issues. This ensures that the students are abreast with relevant and current laws and policies.</li> <li>• Faculty of Arts &amp; Commerce have also introduced CBCS.</li> <li>• Various faculties regularly restructure and revise the syllabi as per the need of Industries.</li> <li>• Course curriculum was designed and passed as per the new CBCS guidelines.</li> <li>• Centralized assessment of end semester examination was introduced for both UG and PG.</li> <li>• Simultaneous End Semester Examination of both Odd and Even semesters was introduced for both UG and PG.</li> <li>• New Elective courses for UG and PG programs.</li> <li>• Additional Optional courses were introduced at PG programs.</li> <li>• International Affairs Cell encouraged the international exchange programs.</li> <li>• In addition to the Plan grant from the UGC, other funding agencies like DST, DBT, AICTE, DAE etc have also continued to provide financial assistance to several departments of the University for research. Fifty one new Research Projects have been received during this year. Many collaborative research programmes are also undertaken by the teachers in the various fields.</li> <li>• <i>Nineteen</i> University Departments are already advancing in the area of research and specialization and upgrading their laboratory infrastructure under the various Departmental Programmes sanctioned by UGC and DST. This year Department of Botany identified as Departments for Research Support (DRS) by University Grants Commission and `43 Lakhs</li> </ul>

<ul style="list-style-type: none"> <li>• University planned to Renovate &amp; construct the Class rooms , Seminar room &amp; Laboratories wherever required.</li> <li>• To initiate new programmes for community outreach</li> <li>• To Conduct Industry interaction programmes</li> <li>• To Enhance the Institutional and Counselling Capacities of Counsellor Training Institute</li> <li>• To organize inter-university tournaments for various sports &amp; games.</li> </ul>	<p>is sanctioned to the Department for five years.</p> <ul style="list-style-type: none"> <li>• Involvement of faculties in Research Project</li> <li>• Encouraging Faculty members to undertake minor &amp; major research projects.</li> <li>• Several Departments have UGC-SAP and DST-FIST Schemes. Many teachers have more than one projects funded by national and state financial bodies. Teachers also attend international, national, state held seminars as participants, resource persons etc. Many teachers also have Interactions/ collaborations with academicians, researcher of other institutes and industry some teachers have international collaboration.</li> <li>• Awards for teachers excelling in research have been initiated from the year 2012</li> <li>• Academic improvement are achieved by using ICT, projector, smart board, internet, teaching strategies methods and approaches.</li> <li>• The Critical Edition of the MarkandeyaPurana Volume I made available for sale. Printing of the second volume containing Adhyayas 76 to 88 with Index complete. The work of writing concordance and preparing the indexfor the third volume containing 89 to 132 Adhyayas is in progress.</li> <li>• Following infrastructural development was done in the year 2011-12</li> <li>• Department of Botany</li> <li>• M.Sc. Laboratory with furniture ;</li> <li>• Department of Geography</li> <li>• ITC enabled Seminar Room</li> <li>• Department of Geology</li> <li>• Renovation in all Laboratories</li> <li>• Department of Statistics</li> <li>• Renovation of Computer Lab., Seminar Room, Classroom etc.</li> <li>• Department of Applied Mechanics and Structural Engineering</li> <li>• New Computer Lab and ME Seminar Room,</li> <li>• Department of Architecture</li> <li>• New Building (wing) from UGC Grant</li> </ul>
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		<ul style="list-style-type: none"> <li>• (2011) Two large halls for studio and lectures.</li> <li>• Department of Pharmacy</li> <li>• Three new laboratories initiated with funding of UGC and renovation work done in all the laboratories.</li> <li>• New programmes for community reach are conducted.</li> <li>• Institutional and Counselling Capacities of Counsellor Training Institute are conducted.</li> <li>• Logistic support “Khel Maha Kumbh” organise by government of Gujarat.</li> </ul>
2.16	Whether the AQAR was placed in statutory body	Yes, in Syndicate.
	Provide the details of the action taken	The Annual Report of the University which is detailed description of activities events in the university from which information of AQAR is drawn and placed before Senate & Syndicate of the University.

## 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	77	0	0	2
PG	113	1	10	8
UG	75	2	7	0
PG Diploma	23	0	11	0
Advanced Diploma	1	0	0	0
Diploma	28	0	3	2
Certificate	7	0	2	0
Others	10	0	0	0
<b>Total</b>	334	3	33	12

Interdisciplinary	27	0	4	0
Innovative	1	0	0	0

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

## (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	192
Trimester	0
Annual	138

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

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

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



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

- Revision of syllabi of all departments was carried out for the upcoming CBCS and semester system to be implemented at FY BA and MA from the academic year 2012-13. (Faculty of ARTS)
- Revision of syllabi and introduction of core compulsory, correlative and inter disciplinary electives for all subjects. (Faculty of Commerce)
- Introduced 144 credit with CBCS for U.G. and P.G. Revision of research methodology in P.G. Diploma. (Faculty of Family of community Science)
- Constant up gradation in class work along with course modification, content of which is discussed in the BOS. (Faculty of Fine arts)
- Process for revamp curriculum going on. (Faculty of Journalism)
- Course is being updated every three year. (Faculty of performing arts)
- Syllabus revision for environmental technology and operation research in IWM. (Faculty of Technology & Engineering.)
- Revision of syllabus (Sanskrit Mahavidyalaya)

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

- Initiated the process of establishing Institute of fashion technology under the aegis of FCS. HMCT conceptualised with two PGDAN program. Human development assessment centre was revised and consolidated. (Faculty of Family and Community Science)
- Centre for industrial mathematics. (Faculty of Technology & Engineering)

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
828	272	232	121	203

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

374
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#### 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
1	343	0	94	0	97	0	0	1	534

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty

- Guest Faculty - 139
- Visiting Faculty - 115
- Temporary Faculty - 306

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

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	104	307	74
Presented papers	205	385	76
Resource Persons	22	68	44

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

- A classroom engagement that facilitates recall of the various concepts learnt throughout the course. The teacher gives in a theme or word and students recall several words related to it. This exercise leads to reinforcement of use of correct

terminology along with recalling the learning and also helps in organisation and prioritization of the concepts learnt during class.

- Most of the class rooms have been upgraded to through LCD projectors include facilities for making classroom teaching more interactive and effective.
- Tutorials have been introduced to provide specialized and remedial learning to students.
- Interaction with experts in the field, real time as well as online virtual through video graphed talks and interviews have been incorporated.
- The library has been equipped with computers facilitates for navigation, searching and downloading.
- The department is fully computerised. Latest Audio visual equipment is acquired for dissemination for research and teaching. Existing buildings are renovated and augmented. Receiving the UGC award for the SAP DRS-II (1 April 2012-31 March 2017) would mark a significant step in this process. Smart Board (01) based on computer network for Presentation is installed in classrooms at Dept. Of English.
- Usage of e resources, languages courses according to common European Framework of Languages at Dept. Of German.
- Usage of ICT/JSTOR Facility for research & teaching/Field-Work/Report and Dissertation Writing/Development of soft-ware for data generation from open source related to modi documents in Department's archive Dept. Of History.
- Practicum components are introduced in the curriculum by encouraging the students to take up the projects to organise Departmental Libraries within and outside the university and help them in starting new information services & products. Computers, LCD projectors and Internet are regularly used in the teaching learning process at Dept. of Library & Information Science
- Use of e-resources, audio-visual aids. Assignments and Field-work at Dept. of Linguistics
- Invited native speakers (Russians) to teach in the Department, Screening of educational and target language films, Educational trip organised by Dept. of Russian
- Communicative method of teaching (using multimedia, authentic documents etc.) at Dept. of French
- Discussion methods, group discussion methods, remedial teaching organised by Dept. of Sindhi

- Power Point Presentations, Assignments, Field Visits at Dept. of Sociology
- Case study Methods, PPTs, Interactions, Experience Based Learning, Field work, Project Reports, on-job Training with commercial houses for PG Students at Faculty of Commerce.
- Multimedia. E-based, Activity based, Field based, Internship, Computer software, practicals at Faculty of Education and psychology.
- The teacher uses multimedia, Problem-based learning to encourage students for learning real-life problems at Polytechnic.
- New software have been produced to provide lectures of experts on-line (LAN).
- Facilities for conduction on-line examination both through LAN and intra-net have been included for enhancing learning and training.
- Placements made through on-line examination at Faculty of Technology & Engg.

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

180
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2.8 *Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)*

- Digitization of old examination records, multi-choice question based examination at science faculty.

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

BOS	- 413
FB	- 221
CDW	- 139

2.10 *Average percentage of attendance of students*

80%
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2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total No. of Students appeared	Division			
		Distinction %	First %	Second %	Pass %
TY BA	689	2.47	9.14	22.64	29.75
MA PART-II	589	2.89	1.87	38.03	30.39
B.LIB & INFO. SCI.	17	11.76	52.94	23.53	0.00
M.LIB & INFO. SCI.	10	10.00	80.00	10.00	0.00
DIP. IN GERMAN	15	26.67	26.67	13.33	13.33
POST DIP. IN GERMAN	7	0.00	28.57	42.86	28.57
DIP. IN ARABIC	5	0.00	40.00	40.00	0.00
POST DIP. IN FRENCH	2	50.00	0.00	0.00	50.00
II SEM PG. DIP. IN APP. CORP. FIN.	26	0.00	11.54	7.69	0.00
TY B.SC.	404	2.23	14.85	34.41	19.31
M.SC. (FINAL)	294	6.80	35.71	25.51	9.52
M.SC. (FINAL) - TDL	46	0.00	0.00	0.00	65.22
II SEM PG DIP. IN MEDICO. BOTANY (CBCS)	10	30.00	60.00	10.00	0.00
SS PG DIP. IN APP. BIOCHEM. (REG)	10	0.00	10.00	60.00	30.00
IV SEM M.SC. BIO-STATISTICS	15	53.33	33.33	13.33	0.00
PG DIP. IN DISASTER MNGT.	6	16.67	66.67	16.67	0.00
POST M.SC. ADV. DIP. IN IPR (CBCS)	9	0.00	33.33	55.56	11.11
II SEM POST M.SC. DIP. IN GENETIC ENGG. (CBCS)	10	0.00	30.00	60.00	0.00
VI SEM B.C.A.	114	14.91	28.95	28.07	1.75
VI SEM B.SC. ENV.	49	8.16	30.61	32.65	28.57
TY B.COM	4394	1.18	9.60	24.24	32.25
M.COM (FINAL)	839	5.48	19.90	29.92	17.28
PG DIP. IN BANKING	54	0.00	3.70	24.07	16.67
PG DIP. IN BUS. MNGT.	39	0.00	17.95	48.72	7.69
PG DIP. IN BUS. ADMINISTRATION	105	0.95	3.81	36.19	28.57
PG DIP. IN ACCOUNT & FINANCE	101	3.96	28.71	32.67	9.90
PG DIP. IN APPLIED ECO.	48	0.00	2.08	20.83	8.33
II SEM PG DIP. IN MARKETING MNGT.	30	0.00	13.33	30.00	10.00

II SEM PG DIP. FIN. MNGT.	59	8.47	33.90	30.51	16.95
II SEM PG DIP. BANKING & INSURANCE	40	0.00	12.50	0.00	5.00
II SEM PG DIP. BANKING & INSURANCE (AUGUST-2011)	23	0.00	4.35	13.04	13.04
PG DIP. IN CO-OP. MNGT.	43	0.00	0.00	20.93	13.95
II SEM TY BBA	123	9.76	43.90	31.71	0.81
SS BE-IV	535	32.71	27.66	28.79	3.55
SS BE-IV (PTD)	10	10.00	0.00	20.00	10.00
ME-III-IV	148	35.14	46.62	5.41	0.68
IV SEM M.SC. APP. MATHS	32	15.63	56.25	18.75	3.13
IV SEM M.SC. APP. PHYSICS	23	0.00	47.83	30.43	21.74
IV SEM M.SC. APP. CHEMISTRY	35	2.86	40.00	40.00	8.57
IV SEM M.SC. BIO-INFO.	18	16.67	55.56	27.78	0.00
IV SEM M.SC. MAT. SCI. (NANO TECH.)	6	50.00	50.00	0.00	0.00
II SEM M.C.A.-III	23	39.13	21.74	30.43	4.35
II SEM PGDCA	26	15.38	50.00	15.38	7.69
II SEM PG DIP. ENVT. SCI.	4	0.00	0.00	0.00	0.00
III SEM PGDCA-PT	2	50.00	0.00	0.00	0.00
II SEM PG DIP. SCI. COMP. & IM-PT	3	100.00	0.00	0.00	0.00
SS B.PHARM FINAL	38	10.53	47.37	36.84	5.26
M.PHARM-III-IV	44	25.00	70.45	4.55	0.00
SS B.ARCH-V	33	0.00	36.36	36.36	9.09
II SEM TY DTC	6	16.67	33.33	50.00	0.00
II SEM TY DTT	17	23.53	5.88	29.41	29.41
IV SEM SECOND LL.B. (GEN.)	46	0.00	0.00	32.61	8.70
VI SEM LL.B. (SPECIAL)	85	0.00	5.88	69.41	1.18
IV SEM LL.M. PART-II	18	0.00	0.00	94.44	0.00
II SEM PGDLP	78	5.13	28.21	46.15	0.00
II SEM PGDTP	3	0.00	0.00	0.00	0.00
II SEM PGDTP-NC	180	9.44	40.56	28.33	0.00
XI & X SEM BA LL.B.-V	59	0.00	0.00	0.00	94.92
M.D.	48	0.00	0.00	0.00	81.25
M.S.	24	0.00	0.00	0.00	91.67
FINAL M.B.B.S. PART-II	170	0.00	0.00	0.00	90.59

M.SC. MEDICAL PART-II	10	0.00	0.00	0.00	50.00
DIP. IN ANAESTHESIOLOGY	2	0.00	0.00	0.00	100.00
DIP. IN CHILD HEALTH	4	0.00	0.00	0.00	100.00
DIP. CLIN. PATHO.	2	0.00	0.00	0.00	100.00
DIP. IN OPHTHALMOLOGY	2	0.00	0.00	0.00	100.00
DIP. IN LARYNGOLOGY & OTOLOGY	1	0.00	0.00	0.00	100.00
DIP. IN VENEREOLOGY & DERMATOLOGY	2	0.00	0.00	0.00	100.00
DIP. IN GYNAECOLOGY & OBSTETRICS	1	0.00	0.00	0.00	100.00
DIP. IN TB & CHEST DISEASES	2	0.00	0.00	0.00	100.00
DIP. IN MED RADIO DIAG PART-II	2	0.00	0.00	0.00	100.00
DIP. IN PUBLIC HEALTH	2	0.00	0.00	0.00	100.00
FINAL YEAR PHYSIOTHERAPY	21	0.00	0.00	0.00	100.00
IV SEM M.C.S.	19	5.26	63.16	31.58	0.00
M.S.W.	36	0.00	0.00	0.00	100.00
PG DIP. IRPM	38	0.00	0.00	0.00	100.00
PG DIP. HM & I	15	0.00	0.00	0.00	100.00
PG DIP. SDOM	7	0.00	0.00	0.00	100.00
PG DIP. IN CCM	8	0.00	0.00	0.00	100.00
M.H.R.M.	37	0.00	0.00	0.00	100.00
PG DIP. HRM	35	0.00	0.00	0.00	100.00
B.ED.	166	6.02	42.17	48.19	0.00
M.ED.	35	5.71	45.71	40.00	0.00
M.ED.M. PART-II	3	0.00	0.00	100.00	0.00
PDEM	18	11.11	16.67	66.67	0.00
PG DIP. GUIDANCE & COUNCIL	27	3.70	22.22	74.07	0.00
PG DIP. CCP	11	27.27	36.36	0.00	36.36
PG DIP. HRD	49	14.29	26.53	30.61	20.41
PG DIP. IN C & AH	14	7.14	64.29	21.43	0.00
B.F.C.SC	188	0.00	0.00	0.00	100.00
M.F.C.SC	42	0.00	0.00	0.00	100.00
PG DIP. IN ECCE	23	0.00	0.00	0.00	100.00
M.A. (FINE) MUSEOLOGY PART-II	7	14.29	71.43	14.29	0.00
PG DIP. IN MUSEOLOGY	1	0.00	0.00	0.00	0.00

(IN SERV.)					
M.V.A. PART-II	39	5.13	66.67	28.21	0.00
B.V.A.	50	0.00	32.00	58.00	6.00
D.V.A.	13	7.69	23.08	146.15	0.00
PDVA	23	4.35	43.48	47.83	0.00
M.P.A.	36	5.56	61.11	19.44	5.56
B.P.A.	59	10.17	28.81	23.73	13.56
D.P.A.	93	9.68	40.86	31.18	9.68
POST DIP. IN NATUVANGAM (BN)	3	33.33	33.33	33.33	0.00
SY VISHARAD	15	13.33	6.67	13.33	13.33
TY SHASTRI	12	8.33	33.33	25.00	8.33
ACHARYA PART-II	23	4.35	13.04	26.09	17.39
M.B.A. (REGULAR)	31	0.00	0.00	0.00	100.00
M.B.A. (EVENING)	34	0.00	0.00	0.00	100.00
SS FINAL DIP. CIVIL - SSC	142	13.38	19.01	35.92	5.63
SS FINAL DIP. MECHANICAL - SSC	142	38.73	19.01	21.13	5.63
SS FINAL DIP. ELECTRICAL - SSC	144	52.08	18.75	22.92	1.39
SS FINAL DIP. MECHANICAL - HSC	3	0.00	0.00	0.00	0.00
SS FINAL DIP. ELECTRICAL - HSC	5	0.00	40.00	20.00	20.00
II SEM FINAL DIP. IT	26	76.92	19.23	0.00	3.85
II SEM FINAL DIP. CIVIL - EDC	17	5.88	11.76	52.94	23.53
II SEM FINAL DIP. MECH. - EDC	42	19.05	16.67	45.24	4.76
II SEM FINAL DIP. ELECT. - EDC	25	24.00	48.00	24.00	0.00
II SEM FINAL DIP. PCT	35	20.00	28.57	45.71	5.71
II SEM FINAL DIP. (EC)	57	59.65	15.79	17.54	3.51
II SEM FINAL DIP. (CE)	47	72.34	17.02	8.51	0.00

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

- Better documentation, better awareness through academic audit at Dept. of English
- Periodical guidelines and evaluation at Dept. of History
- It keeps the faculty alert about the new issues related to teaching & learning process at Dept. of Library Science



- Motivating Teachers to use innovative teaching methods. Creating awareness with regards to contemporary issues, Economic conditions, Employment opportunities etc. (Commerce)
- There is a continuous feedback from students, as also making sure about regularity in conduct of classes, checking practical work, etc. Maintenance of discipline, decorum, punctuality and overall value orientation is emphasised. (Journalism)
- Organization of Regular Feedback programs for students and teachers. (Social work)
- The University appoints a vigilance committee involving members of IQAC.

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	16
UGC – Faculty Improvement Programme	17
HRD programmes	28
Orientation programmes	25
Faculty exchange programme	5
Staff training conducted by the university	18
Staff training conducted by other institutions	10
Summer / Winter schools, Workshops, etc.	115
Others	7

### 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	262	81	0	67
Technical Staff	330	333	0	182

## Criterion – III

### 3. Research, Consultancy and Extension

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

- The M S University of Baroda has well established research culture, which predates the formation of IQAC. The IQAC keeps track of research activities in the different faculties of the university and facilitates its implementation.
- Workshop conducted on “ How to write research paper “
- IQAC cell formed in individual faculty for promoting the research.
- University offered special grant for newly appointed teacher as a startup grant.
- University has collaboration with different foreign university for faculty and student interchange program for research.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	28	70	34	26
Outlay in Rs. Lakhs	659.614	1287.52	552.93	444.894

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	15	19	0
Outlay in Rs. Lakhs	25.95	23.66	87.03	0

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	370	281	55
Non-Peer Review Journals	11	45	08
e-Journals	7	4	0
Conference proceedings	80	105	29

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

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Lacs)	Received (In Lacs)
Major projects	11	DBT, DST, UGC, GSBTM, CSIR	1030.31	568.315
Minor Projects	6	Ministry of culture	3.05	0.75
Interdisciplinary Projects	6	Centre for Micro Finance IFMR Research, UGC	29.25	0
Industry sponsored			23.37	23.37
Projects sponsored by the University/ College	1	TISS		
Students research projects (other than compulsory by the University)				
Any other(Specify)			3.00	
Total				

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

	International	National	State	University	College
Number	02	46	14	02	17
Sponsoring agencies	NILL	AICTE, UGC, DBT-MSUB-ILSPARE UGC Unassigned grant, CPD, NCPSL			

3.12 No. of faculty served as experts, chairpersons or resource persons : 275

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency  From Management of University/College   
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	7
	Granted	--
International	Applied	--
	Granted	--
Commercialised	Applied	--
	Granted	--

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

Total	International	National	State	University	Dist	College
62	14	38	4	2	04	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

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

- The students of Faculty visited Central Jail throughout the year to provide legal aid and legal literacy.
- Building Capacity if ICDS , CDPOS and supervisors of rural tribal and urban blocks of vadodara district.
- Current Development in Nutrition sciences and practice workshop on research tool development for home science colleges of Gujarat.
- Training program for mid day meal functionaries of dang district.
- Nutrition week celebrations.

- School health programs in 10 private schools of vadodara.
- Training and exhibitions of craft product for different NGO's , Bhagini Samag, Sahej Shishu milap, Friends society, Kamubdva.
- Capacity building of Anganwadi worker in selected urban and rural anganwadi's of vadodara inside from students initiative – MSU-GOG
- Seminar on environment education concern, sensitisation and action.
- Workshop on developing managerial efficiency for successful carrier.
- Lecture on CSR in corporate world.
- Community development programs.



## Criterion – IV

### 4. Infrastructure and Learning Resources

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

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	274.81 acres	0	UNDER XI PLAN UGC & SAP DRS	0
Class rooms	317	26		343
Laboratories	192	9		201
Seminar Halls	36	4		40
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	231	126		357
Value of the equipment purchased during the year (Rs. in Lakhs)	3508000	31847828		35355828
Others	16	0		934016

#### 4.2 Computerization of administration and library

- Computer facility to all the teaching and non-teaching staff has been extended in all faculties even PG students have also been provided access to computers & Internet facility in their project work.
- Dept. of Library & Information Sciences have incorporated Developing computer skills of the students as a part of the curriculum of BLIS & MLIS programmes. All the teachers are well versed with the computer, networking and digital skills.
- Internet facility extended to teachers rooms and cubicles.



## 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	2,00,221	3,78,60,549	3,738	25,39,400	2,03,959	4,06,70,534
Reference Books	1,06,866	32,09,694	2,646	5,13,714	1,09,512	37,23,408
e-Books	2	0	0	0	2	0
Journals	4,978	32,61,384	102	1,12,549	5,080	33,73,933
e-Journals	8,804	0	0	0	8,804	0
Digital Database	1	3,00,000	1	0	2	3,00,000
CD & Video	1,765	748	982	890	2,747	1,638
Others (specify)	2,151	22,611	962	0	4,128	22,611

## 4.4 Technology up gradation (overall)

	Total Computer s	Compute r Labs	Interne t	Browsin g Centres	Compute r Centres	Offic e	Depart -ments	Other s
Existin g	1095	100	210	61	14	54	87	23
Added	313	15	15	18	5	5	3	8
Total	1408	115	225	79	19	59	90	31

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

- Computer aided programs are introduced in several courses.
- Sy. Level Computer Application in Fashion Designing and Sr. M.Sc. Level Computer Application and Scientific Writing is a part of curriculum.
- Teacher's Software training for Jindex pattern making & Fashion Design System is available at the Faculty of Family & Community Sciences. Teacher's Spectrophotometer ; RICOH MP C2051 A3 Printer are present in the faculty.

- Computer lab for first year students has been developed with the facility of Computer Aided Designing -2D & 3D.
- All staff and office have internet access and communicate with students and other researchers worldwide using internet facilities and upgrade their knowledge using various browsing modes, search engines on the internet. Staff and students attend online webinars on the Globe front.

4.6 Amount spent on maintenance in lakhs :

i) ICT	4112
ii) Campus Infrastructure and facilities	846435
iii) Equipments	6602761
iv) Others	1594000
<b>Total :</b>	<b>9047308</b>

## Criterion – V

### 5. Student Support and Progression

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

- Student feedback systems
- Student data management system
- Orientation programme for students at every departments and faculties.
- Students felicitation center
- Online admission
- Choice Based Credit System
- Electronic Notice boards, banners, posters and circulars
- Student teacher interaction.
- Dean of students at faculty level
- Dean of Sports at faculty level
- Scholarship for under privileged students.
- Career and counselling cell
- Heath center with multi specialised facilities
- Canteens in all faculties.
- Women grievance cell.
- Anti ragging committee
- Common rooms for ladies.
- Computer center
- Centralised sports faculties with swimming pool and separate sports fields
- Sports promotion board
- NCC and NSS for the all round development of student personality
- Youth festival including sports, cultural activities.

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

- Reports
- Meeting of Deans of faculties at University level
- Meeting of Heads of the departments at Faculty level

- Conduct seminar, workshop, exhibition, competition at various level in favour of students progress
- Feedback meeting with parents, alumni and students

5.3 (a) Total Number of students (\* Registered during this academic year)

UG	PG	Ph. D.	Others
28240	5926	233*	4450

(b) No. of students outside the state 189

(c) No. of international students 16

Men

No	%
18232	47.93

Women

No	%
19804	52.07

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
28767	1979	1283	4336	70	36365	30463	2123	1517	4746	53	38849

Demand ratio

Dropout %

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

- Session on mathematical and logical reasoning etc were organised by career and counselling cell
- Center of Indian Civil Services conduct various program
- Sessions for preparation of NET/SLET on teaching and research aptitude/ reading comprehension etc.

No. of students beneficiaries 352

5.5 No. of students qualified in these examinations

NET 84 SET/SLET 7 GATE 6 CAT 1

IAS/IPS etc 0 State PSC 1 UPSC 0 Others 2

5.6 Details of student counselling and career guidance

- The career and counselling cell was set up in the university in 2010. Under the cell, the students of different faculties are given training in broad aspect like life skills and communication skills. Individual topics that are under taken include bahvioural and attitudinal issues of students, preparation of resume, group discussion skills, interview facing, skills, improvement in language skills, communication skills, personality development, leadership, entrepreneurship, presentation and report making techniques etc.
- The students are guided in term of various career moves and choice at all stages of their life in the university by Career and counselling cell.
- They are offered extensive soft skill teaching through various session conducted by field experts.
- Students counselling and guideline is done on regular basis to help the students to excel both in academics and for their overall development.

No. of students benefitted

2735
------

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
242	3374	1124	104*

\*Limited data available

5.8 Details of gender sensitization programmes

Women’s Studies and Research Center conducted following various program:

- State level workshop on ‘ sex determination and safe abortion : issue and challenges’ in collaborate with society for women’s action and training initiative ( SWATI), women power connect (WPC) & common health was organised.
- Talk on ‘supreme court guideline on sexual harassment’ by experts were organised.
- Series of talk on ‘ supreme court guideline on sexual harassment’ for girls students of faculty of family and community science
- Gender sensitization session were organised at various faculties.

- Students were introduced to the programme during orientation programme of various departmental and faculty programme.
- Women’s studies and research center is working and collaborating with faculties to avoid gender based discrimination and violation of human rights.
- The faculties have committees comprising of senior female teachers, headed by professors of the faculties to organise gender awareness programme.

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

	No. Of students	Amount
Financial support from institution	38	394927
Financial support from government		
SEBC		
SC		
ST	1533	20300567,4
Financial support from other sources	6	276500
Number of students who received International/ National recognitions	6	75256

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:

\_\_\_\_\_None\_\_\_\_\_

## Criterion – VI

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

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

#### **VISION**

The progress of a nation requires that its people should be educated. Knowledge is necessity of man. It instils in him a desire to question and to investigate, which leads him in the path of progress. Education, in the broadest sense, must be spread everywhere. Progress can only be achieved by the spread of education. Cooperation is necessary to achieve any worthy end, and this readiness to cooperate will not be found in a people if they are not educated.

**H. H. Sir Sayajirao Gaekwad III  
Maharaja of Baroda**

#### **MISSION**

- Sustain an environment of academic excellence and innovative research that enable students to think global and act local with a conscious focus on indigenous perspectives.
- Striving to create an equitable and gender just society that ensures better quality of life to individuals, families and communities.
- To inculcate highest human values, - tolerance, compassion and equanimity in all the adherents, students, teachers and support staff of the University.

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

**YES each department has both academic and administrative management system with effective processes and organizational structure.**

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

Quality improvement strategies adopted by the institution for each of the following by the departments have been listed below -

##### *6.3.1 Curriculum Development*

- The curriculum at each program of study is reviewed, revised/modified and new courses designed and developed to strengthen and upgrade the programme as per the needs of the society and its student clientele.
- The revised/developed curriculum is passed through Board of Studies at department and faculty level.



- Feedback from various stakeholders.
- Faculty of law adopts the latest amendments and developments in law in order to keep pace with the contemporary issues. This ensures that the students are abreast with relevant and current laws and policies
- The curriculum is revised and updated keeping in view the social, industrial and academic growth and development.
- Newer courses are introduced time and again.
- Very recently the curriculum has been revised and updated as per the norms given by the Government of the Gujarat.
- Total 144 credits are being followed as per the government norms which also includes choice based credits system.
- There are weekly meetings to review the researches.
- Board of studies is an integral part of the system.
- Regularly restructuring and revising the Syllabi as per the need of industries
- Course curriculum for UG second and third year, PG second year was designed and passed as per the new CBCS guidelines.
- Centralized assessment of end semester examination of both odd and even semesters was introduced for UG and PG.

### 6.3.2 *Teaching and Learning*

- LCD Projector , Powerpoint Presentation, Multimedia, Guest Lecture
- Use of ICT , Use of case study methods, Industrial visits, Debates, Quiz , GDs etc.
- All teachers incorporate the latest developments in their teaching helping to keep the students abreast in the subject.

### 6.3.3 *Examination and Evaluation*

- Internal and semester exam with 30 and 70 percent weight age is followed.
- University Exam, Internal and External Evaluation
- Semester Examination with Internal External Evaluation
- Continuous evaluation by conducting objective & Descriptive Types Test Examination
- Reassessment procedures as per university rules
- Apart from midterm and end semester examinations, viva voce is conducted for practical's and comprehensive viva voce for theory courses. At PG level students also have to give seminars on latest research topics and their dissertation where they are thoroughly questioned on their research topic.

#### 6.3.4 *Research and Development:*

- Involvement of faculties in Research Project
- Encouraging Faculty members to under minor & major research projects to pursue Ph.D. and to publish research articles.
- Majority of the Departments have UGC-SAP and DST-FIST Schemes. Most of the teachers have more than one projects funded by national and state financial bodies. Teachers also attend international, national, state held seminars as participants, resource persons etc. Most teachers also have Interactions/ collaborations with academicians, researcher of other institutes and industry.
- Awards for teachers excelling in research have been consistent from the year 2012

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

- e-database, ICT and smart classrooms
- Departmental Library, Teaching Through LCD Projectors, Campus beautification, Safety measures.
- Every department has the departmental library, computer lab with internet facility and class rooms equipped with LCD projector

#### 6.3 *Human Resource Management*

- To create appropriate, interactional and Cordial among the students/ Teachers.
- Faculty of science has a placement cell through which different companies enrol the students.
- Post graduate students are trained through the projects relevant for job in industries and academic positions in universities and colleges.

#### 6.3.7 *Faculty and Staff recruitment*

- Centralized Process at University Office at University Level and Temporary Faculty at Institute Level
- As per University Guidelines.

6.3.8 Industry Interaction / Collaboration

- Plant Visit, Field Visit etc
- Inviting Industry Resource Person for Students Interaction.

6.3.9 Admission of Students

- Admission to various PG courses (Regular as well as High Payment) is through Entrance Test conducted by the Departments. Admission to regular UG courses is based on the merit. Admission to Higher payment UG courses (BCA and Environmental Studies) is through Entrance Test.
- Admission to five years through entrance test and for other courses on merit bases.
- Central admission through ACPDC after 10<sup>th</sup> class.
- Admissions of the students are done as per university rules.
- Online Admission

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> <li>• Group Insurance</li> <li>• Provident Fund</li> </ul>
Non-teaching	<ul style="list-style-type: none"> <li>• BUSA (Baroda University Staff Association)</li> <li>• M. S. University credit cooperative society</li> </ul>
Students	<ul style="list-style-type: none"> <li>• Directorate of Student Welfare disburses scholarship.</li> <li>• Various merit scholarship available in all faculties.</li> </ul>

6.5 Total corpus fund generated

NA

6.6 Whether annual financial audit has been done

Yes  No

At the faculty and department level has been done

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	---	Yes	Faculty
Administrative	No	---	-	Senate and Syndicate

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

For UG Programmes Yes

For PG Programmes Yes

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

Some faculties have such as faculty of science has Examination reform committee under the chairmanship of Dean, Faculty of Science, which regularly meets and give the suggestions to university. These suggested reforms in examination and evaluation are implemented time to time. Some of them are the central assignment of all UG and PG examinations for speedy declaration of results.

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

Not Applicable

6.11 Activities and support from the Alumni Association

- Training Programme for Students and Staff
- Alumni of Department of Microbiology & Biotechnology Centre actively participated and supported in the Golden Jubilee celebrations of the Department.
- Alumni of various Departments y have supported Scientists from abroad to deliver Special lectures and Training programs.
- Alumni Associations of various departments such as Biochemistry, Microbiology and Chemistry Departments supported in organizing seminars

6.12 Activities and support from the Parent – Teacher Association

- Regular meeting and Feedback mechanism

6.13 Development programmes for support staff

- Training programmes
- Computer Skills enhancement

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

- Tree Plantation on yearly basis
- Cleanliness awareness programme

## 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.*

Most innovations introduced have been student centric and would facilitate student learning and efficient time management so as to build confident individuals that bring quality representation of the University at various platforms like:

- Prof. B. B. Chattoo, Department of Microbiology and Biotechnology has been designated as distinguished Professor and provided all facilities even after retirement for conducting the Genome research. He has been designated as Scholar –in – Residence.
- Implementation of Choice Based Credit System in true spirit across faculties like Arts and Commerce in 2011
- Wi-Fi Campus
- Use of smart board for effective teaching and learning.
- Establishment of Communication cell.
- MoU in sports (BCA 2011).
- Digitalization of examination system.
- Digitalization of thousands of manuscripts at oriental institute.
- Legacy records digitalization / Digitalization of examination system since inception.
- Mentorship program and also reverse mentoring.
- Students were evaluated under various courses for making audio visual aids like Bhavai, street plays, mock consumer forum and presentation on different Indian and continental traditions prepared by them, which motivated students to develop their own understanding & creativity in the subject matter.
- Exhibition and Display where Students along with the subject teachers visit industry fairs and exhibitions so that they keep abreast with the latest technological advancement.
- Wordle - This exercise leads to reinforcement of use of correct terminology along with recalling the learning and also helps in organisation and prioritization of the concepts learnt during class.

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

- Total modification of course structure involving participation of various faculties and industrial organization was carried out.
- A list of academic events is made according to the courses being offered for the semester.
- Introduction of online examination software and student tracing system implemented.
- Infrastructure development and renovation across campus

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

- All authorities / bodies / committees of university meet on regular basis and work as per agenda that is fixed for various meeting with an objective of upliftment of university.
- Meritorious students are felicitated on eve of convocation at vice chancellors residence. Parents, head of institution, eminent citizens are invited.

7.4 *Contribution to environmental awareness / protection*

- Environment Awareness Programme for students and a rally was held in 2011-12 (Faculty Level)
- Projects at M.Sc. level are directed to bring about eco-consciousness and a large volume of researches have been directed towards eco-friendly processes in textiles.
- Students are instructed to use resources like electricity and water consciously and are made to practice when on campus.
- Interactive Environment awareness programmes in community
- Organized a seminar on “Green Building: enhancing energy efficiency”. Tree plantation
- A skit performed by students on “Environmental and sustainable Development” for urban slum women, Live puppet show was performed by students and topics were lighting in interiors, consumer education, environmental protection and ergonomics in the home. Tobacco free campus.
- The dogs in premises are completely vaccinated, spayed so that no hindrances are caused to any public, Garbage free campus.
- Development of more green areas by tree and sapling plantations is conducted.

7.5 *Whether environmental audit was conducted?*

NO

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

### **Strengths**

- Dedicated faculty and support staffs.
- Great legacy and brand value.
- Innovative teaching, learning and research.
- Excellent human relationships on campus.
- Cosmopolitan campus and city.
- Strong outreach, strongly intertwined with the city of baroda.
- Very low attrition rate of faculty.

### **Weakness**

- Aging infrastructure.
- Paucity of physical resources and human resources
- Skewed teachers student ratio.
- Pace of developmental movement is slow.

### **Opportunities**

- New initiatives likes CBCs brings forth the inherent strength of the university.
- The vast span of subjects endears the university to new comers & existing students.
- Interdisciplinary approach to development.
- Good patronage to developmental activities by citizens.

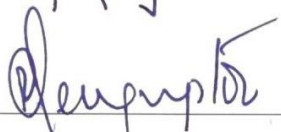
### **Threats**

- Complacency
- New institution comes in with more focused approach to growth and greater economic resources.
- Slow process of staff recruitment.
- Shifting of focus from classical disciplinary moving away good scholars from the University.

### **8. Plans of the Institution for the next year**

- To restructure the existing curriculum & if necessary, design a Curriculum that focus on applying learning to real life situations.
- To make further MoUs with institutions abroad.
- To review the smooth implementation of CBCS.
  - To encourage teachers for research & Contribution in conducting & organizing academic activities /tasks/programme.
  - To sensitize teachers for getting projects from outside funding agencies with the help of organizing workshops on 'How to prepare research proposal'.
  - To provide logistic supports to khel Mahakumbh sports tournaments organized by Govt. Of Gujarat.
  - To encourage departments & Faculties for creation of additional facilities in terms on equipment & Library Books & Journals.
  - To complete renovation & construction started earlier.
  - To start Reunion programme from this year.
  - To encourage faculties for organizing events & activities of National & International importance.
  - To initiate new programmes for community outreach.
  - To conduct Industry Interaction programme for liaison making.
  - Renovation of university guest house and other university facilities & Sport facilities.

Name Prof Ranjan A. Sengupta



Signature of the Cordinator, IQAC

Name Prof. Parimal H. Vyas



Signature of the Chairperson, IQAC