

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, 2012 to June 30, 2013*)

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	Prof. T.K Das
	Mobile	9898316966
	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 st Cycle	Four Stars	--	2001	5 years
2	2 nd Cycle	B	2.71	2010	5 years

1.7	Date of Establishment of IQAC	14/03/2007
1.8	AQAR for the year	2013-2014
1.9	Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC	Not applicable
1.10	Institutional Status	State University
	University	State
	Affiliated College	Yes (Gujarat Medical Education & Research Society, Gotri)
	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
		UGC-Special Assistance Programmes DRS in Department of 1. Archaeology & Ancient History 2. Applied Chemistry 3. Biochemistry 4. Botany 5. Clothing & Textile 6. Gujarati 7. Pharmacy 8. Physics

		<p>DSA in Department of</p> <ol style="list-style-type: none"> 1. Foods & Nutrition 2. Social Work <p>CAS in Department of</p> <ol style="list-style-type: none"> 1. Education 2. Chemistry 3. HDFS <p>DST-FIST in Department of</p> <ol style="list-style-type: none"> 1. Physics 2. Mathematics 3. Pharmacy 4. Applied chemistry <p>UGC Study Centres</p> <ol style="list-style-type: none"> 1. Women's Study research centre <p>Centre of Excellence in Polymers (GoG)</p> <ol style="list-style-type: none"> 1. Applied Chemistry <p>UGC Strengthening of Infrastructure grant</p> <ol style="list-style-type: none"> 1. Clothing and textiles <p>DST-TIFAC in Department of</p> <ol style="list-style-type: none"> 1. Pharmacy <p>Centre for Research in planning & development</p> <ol style="list-style-type: none"> 1. Economics <p>DBT- MSUB Inter disciplinary Life Science Program for Advanced Research & Education in Department of</p> <ol style="list-style-type: none"> 1. Bio-Chemistry
2.	<u>IQAC Composition and Activities</u>	
2.1	No. of Teachers	8
2.2	No. of Administrative/Technical staff	1
2.3	No. of students	-
2.4	No. of Management representatives	2
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	11
2.10	No. of IQAC meetings held	4

2.11	No. of meetings with various stakeholders	
	Faculty	2
	Non-Teaching Staff	2
	Students	2
	Alumni	-
	Others	-
2.12	Has IQAC received any funding from UGC during the year?	
	No	
2.13	Seminars and Conferences (only quality related):	
	(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
	Total Nos	51
	International Level	3
	National Level	26
	State Level	1
	Institution Level	21
	(ii) Themes	
2.14	Significant Activities and contributions made by IQAC:	
	<ul style="list-style-type: none"> • Arranged Feedback responses from students on quality related institutional process • Documentation of various programmes and acting as a nodal agencies of HEI that leads to quality improvement • Development and maintenance of institutional database • Preparation of AQAR 	
2.15	Plan of Action by IQAC/Outcome	
	Plan of Action	Achievements
	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • New courses introduced • MOUs & International Exchange programs are made • Almost all of the faculties have implemented CBCS successively. • Completion of the renovation and creation of facilities at Maharaja Pratapsinhrao Gaekwad Parisar, Renovation and modernization of all rooms at the Smt. Hansa Mehta Hall (girls' hostel), Day care centre for staff children at the Faculty of Family and Community Sciences • All the rooms of the Smt. Hansa Mehta Hall

<p>/tasks/programme.</p> <ul style="list-style-type: none"> • 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 Equipments & 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 	<p>(Girls Hostel) were renovated and with new facilities added.</p> <ul style="list-style-type: none"> • For supporting poor students for waving tuition fees, directorate of student welfare were established and more than 138 students benefited from directorate. • The renovated Maharaja Pratapsinhrao Gaekwad Parisar was inaugurated with enhanced infrastructure like RCC roads, landscaping, storm water drainage system, esthetic lighting etc. • Project costing more than a hundred crore for the construction of ultra-modern hostel for boys and girls is being implemented by the Government of Gujarat. • Project costing more than Rs. 5 crore for the construction of boys’ hostel for Polytechnic students has been sanctioned by the Government of Gujarat. • The ‘Students’ Facilitation Centre’ was inaugurated at the University Main Office for attending to their various needs. • In the faculty of Journalism, a whole new floor has been extended and added to the existing premises of the Faculty. • The new area comprises a Seminar hall, Computer lab space, lounge area, two staff/class rooms, and wash area. • The entire floor will have internet connectivity in the near future. A formal inauguration ceremony was held on September 11, 2012; • A major highlight of the year under review was the first ever global meet of MSU alumni “Reunion 2013” organized by Maharaja Sayajirao University Alumni Association (MSUAA) in the month of January 2013. Several distinguished alumni of the University from India and abroad were felicitated at a grand function at this meet.
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	<p>university facilities & Sport facilities.</p>	<ul style="list-style-type: none"> • Department of French has conducted tutorials for all undergraduate programmes & French classes conducted at center for life-long learning & extension, Hotel management and other faculties of the university as a part of CBCS programme. • Workshop conducted by Dr. A.B.Saxena on archival documents and interaction with faculty members for 30 students & two teachers from Delhi Public School Vadodara. • Contains programmes for Industry Interaction. • West zone inter university cricket (men) tournament and west zone inter university table tennis (men & women) were organised by M.S. University of Baroda. • Establishment of dean of sports for coordinating sport activities at faculty level. • Development of football field as per international standard and installation of sprinkling system at pavilion ground.
2.16	<p>Whether the AQAR was placed in statutory body</p>	<p>Yes, in Syndicate.</p>
	<p>Provide the details of the action taken</p>	<p>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.</p>

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	106	0	9	3
UG	77	0	7	0
PG Diploma	22	0	11	0
Advanced Diploma	1	0	0	0
Diploma	27	0	3	2
Certificate	7	0	2	0
Others	10	0	0	0
Total	287	0	32	7

Interdisciplinary	20	0	0	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	214
Trimester	0
Annual	91

*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 2013-14. (Faculty of ARTS)
- Revision of syllabi and introduction of specialization in corporate management and rural studies (Faculty of commerce)
- Introduced two new CBCS courses at M.Sc. level (Faculty of Family and Community Science)
- Constant up gradation in class work along with course modification, content of which is discussed in the BOS. (Faculty of Fine arts)
- Curriculum revamped thoroughly. (Faculty of journalism)
- Updated the syllabus of English (Faculty of law)
- Course is being updated every three year. (Faculty of performing arts)
- Design of irrigation distribution system. (Faculty of technology and engineering)
- Revision of syllabus (Faculty of Sanskrit)

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

- Fashion communication department. Centre for cross culture research. (Faculty of Family and Community Science)
- Centre of excellence in polymer science. (Faculty of technology and engineering)

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
725	303	206	129	87

2.2 No. of permanent faculty with Ph.D.

371

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
3	314	0	88	0	93	0	0	3	495

2.4 No. of Guest and Visiting faculty and Temporary Faculty

Guest – 103

Visiting – 148

Temporary - 313

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	101	294	85
Presented papers	204	434	94
Resource Persons	25	83	78

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

- 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 more than 60 computers which facilitates navigation, searching and downloading.
- Most of the class rooms have been upgraded to include facilities for making classroom teaching more interactive and effective.
- Facilities for making audio-visual presentation through LCD projectors (recently installed) have been provided.
- Tutorials have been introduced to provide specialized and remedial learning to students.
- The Department of English is fully computerized. 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
- Department of German Uses of e resources, languages courses according to common European Framework of Languages.
- Department of History Uses 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.
- Department of Linguistics Uses of e-resources, audio-visual aids. Assignments and Field-work.
- Case study Methods, PPTs, Interactions, Experience Based Learning, Field work, Project Reports, on Job Training with commercial houses for PG Students.
- Internships, Dissertations, Students' participation in Seminars and Conferences and workshops , Classroom discussions, field work, web based learning
- Individual attention and fine tuning assignments to enhance student abilities
- Use of visual presentation in the classroom, sabha vadan, sabha gayan, sabha nritya and satur theatre to exhibit student talent in front of audiences at Faculty of performing arts.
- Introduction of field work on every alternate days, Regular feedback meetings with agency personnel, parents, alumni and students, Introduction of Tutorials for student's self learning at faculty of social works.
- Placements made through on-line examination at Faculty of technology and engineering.

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

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

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

BOS - 311

FB - 193

CDW - 155

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total No. of Students appeared	Division			
		Distinction %	First %	Second %	Pass %
TY BA	782	20	101	243	389
MA PART-II	452	10	65	149	147
B.LIB & INFO. SCI.	22	0	0	0	18
M.LIB & INFO. SCI.	10	0	0	0	9
DIP. IN GERMAN	27	0	0	0	21
POST DIP. IN GERMAN	6	0	0	0	6
DIP. IN RUSSIAN STUDIES	9	0	0	0	6
DIP. IN PERSIAN	1	0	0	1	0
DIP. IN ARABIC	8	7	1	0	0
DIP. IN FRENCH	3	0	0	0	1
II SEM PG. DIP. IN APP. CORP. FIN.	9	0	0	4	3
TY B.SC.	556	19	55	163	118
M.SC. (FINAL)	31	0	0	4	10
PG DIP. IN APP. BIOCHEM.	3	0	2	1	0
IV SEM M.SC. SOFTWARE TECHNOLOGY	32	0	0	0	24

IV SEM M.SC. PETRO GEOLOGY	19	10	9	0	0
IV SEM M.SC. BIO-STATISTICS	5	3	2	0	0
II SEM PG DIP. IN DISASTER MNGT.	4	3	1	0	0
TY B.COM	4676	106	606	1168	1692
M.COM (FINAL)	915	37	180	317	238
PG DIP. IN BANKING	4	0	0	0	0
PG DIP. IN CO-OP.	2	0	0	0	0
II SEM PG DIP. IN BUS. MNGT.	35	0	0	0	29
PG DIP. IN BUS. ADMINISTRATION	13	0	0	2	3
PG DIP. IN ACCOUNT & FINANCE	11	0	0	1	5
PG DIP. IN APPLIED ECO.	8	0	0	0	1
PG DIP. IN STRATEGIC HRM	50	2	14	15	2
II SEM PG DIP. MARKETING MNGT.	40	0	3	16	2
II SEM PG DIP. FIN. MNGT.	44	4	14	18	4
II SEM PG DIP. BANKING & INSURANCE	28	1	1	1	1
II SEM TY BBA	174	19	72	45	0
SS BE-IV	579	228	159	132	14
SS BE-IV (PTD)	11	0	0	1	1
ME-III-IV	167	54	72	29	0
II SEM M.C.A.-III	27	3	14	5	1
II SEM PGDCA	16	3	2	5	0
III SEM PGDCA-PT	1	0	0	1	0
SS B.PHARM FINAL	34	4	13	15	1
M.PHARM-III-IV	39	9	24	5	0
SS B.ARCH-V	32	1	5	13	3
II SEM B.SC. DTC	9	1	1	4	2
II SEM TY DTC	10	0	0	5	2
II SEM TY DTT	9	0	3	3	1
IV SEM SECOND LL.B. (GEN.)	12	0	0	0	6
VI SEM SEC. B.A. LL.B. (HONS)	41	0	14	21	3

VI SEM LL.B. (SPECIAL) NEW COURSE	100	0	1	75	0
IV SEM LL.M. PART-II	39	0	2	36	0
II SEM PGDLP	68	0	19	34	0
XI & X SEM BA LL.B.-V	55	0	0	0	50
M.D.	52	0	0	0	47
M.S.	16	0	0	0	11
FINAL M.B.B.S. PART-II	147	0	0	0	137
M.SC. MEDICAL PART-II	6	0	0	0	4
DIP. IN ANAESTHESIOLOGY	2	0	0	0	2
DIP. IN CHILD HEALTH	4	0	0	0	4
DIP. CLIN. PATHO.	2	0	0	0	2
DIP. IN OPHTHALMOLOGY	2	0	0	0	2
DIP. IN VENEREOLOGY & DERMATOLOGY	2	0	0	0	2
DIP. IN GYNAECOLOGY & OBSTETRICS	2	0	0	0	2
DIP. IN TB & CHEST DISEASES	2	0	0	0	2
DIP. IN MED RADIO DIAG PART-II	1	0	0	0	1
DIP. IN PUBLIC HEALTH	3	0	0	0	3
FINAL YEAR PHYSIOTHERAPY	15	0	0	0	15
B.ED.	155	4	55	94	0
M.ED.	29	0	17	9	2
MASTER IN EDU. MGMT P-II	3	0	1	2	0
PDEM	19	5	5	9	0
PG DIP. GUIDANCE & COUNCIL	23	1	3	19	0
PG DIP. CCP	18	3	11	1	1
PG DIP. HRD	44	4	11	9	5
PG DIP. IN C & AH	10	2	6	2	0
B.F.C.SC	66	1	6	24	35
M.F.C.SC	60	2	30	16	12
PG DIP. IN ECCE	13	1	9	3	0
PG DIP. DEVP. MNGT.	7	0	0	4	2
M.A. (FINE) MUSEOLOGY PART-II	5	0	3	2	0
P. G. DIP. IN	1	0	0	1	0

MUSEOLOGY (IN SERVICE)					
M.V.A. PART-II	51	10	29	10	1
B.V.A.	43	1	16	18	2
D.V.A.	10	1	3	6	0
PDVA	16	2	7	7	0
M.P.A.	39	2	28	6	1
B.P.A.	55	2	21	19	5
D.P.A.	65	11	35	11	5
POST DIP. IN NATUVANGAM (BN)	3	0	0	0	1
SY VISHARAD	27	0	3	2	6
TY SHASTRI	11	3	3	2	2
ACHARYA PART-II	26	2	13	7	3
M.B.A. (REGULAR)	33	0	0	0	33
M.B.A. (EVENING)	31	0	0	0	31
SS FINAL DIP. CIVIL - SSC	142	14	32	50	24
SS FINAL DIP. MECHANICAL - SSC	145	59	28	26	10
SS FINAL DIP. ELECTRICAL - SSC	128	78	26	17	1
SS FINAL DIP. MECHANICAL - HSC	2	0	0	0	0
SS FINAL DIP. ELECTRICAL - HSC	1	0	0	0	1
II SEM FINAL DIP. IT	21	16	3	2	0
II SEM FINAL DIP. CIVIL - EDC	12	1	4	6	0
II SEM FINAL DIP. MECH. - EDC	29	3	7	13	3
II SEM FINAL DIP. ELECT. - EDC	34	17	7	9	0
II SEM FINAL DIP. PCT	31	4	10	14	1
II SEM FINAL DIP. (EC)	45	33	4	7	1
II SEM FINAL DIP. (CE)	50	37	9	4	0
II SEM FINAL DIP. (AA)	34	0	0	0	29

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

- Motivating Teachers to use innovative teaching methods. Creating awareness with regards to contemporary issues, Economic conditions, Employment opportunities etc.
- A faculty level workshop was organised by IQAC committee members (FFCS)
- 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.
- Organization of Regular Feedback programs for students and teachers.
- To Smooth conduction of examination, the university appoints a vigilance member of IQAC.
- Better documentation, better awareness through academic audit.
- Library keeps the faculty alert about the new issues related to teaching & learning process.

2.13 Initiatives undertaken towards faculty development:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	27
UGC – Faculty Improvement Programme	11
HRD programmes	34
Orientation programmes	130
Faculty exchange programme	23
Staff training conducted by the university	22
Staff training conducted by other institutions	11
Summer / Winter schools, Workshops, etc.	113
Others	105

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	256	87	0	73
Technical Staff	310	353	0	218

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	23	100	29	10
Outlay in Rs. Lakhs	329.198	4716.95	1522.809	14.6

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	15	5	9	3
Outlay in Rs. Lakhs	28.25	47.19	4.23	4.4

3.4 Details on research publications

	International	National	Others
Peer Review Journals	384	272	39
Non-Peer Review Journals	31	68	
e-Journals	3	6	0
Conference proceedings	96	115	27

3.5 Details on Impact factor of publications:

Range 3.8 Average 0 h-index 0 Nos. in SCOPUS 351

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 (in Lacs)	Received (in Lacs)
Major projects	11	DBT, DST, UGC, GSBTM, CSIR, NBHM	494.92	514.52
Minor Projects	6	Ministry of culture	16.39	2.1
Interdisciplinary Projects	6	DBT, DST, UGC	2200	0
Industry sponsored			21.489	18.89
Projects sponsored by the University/ College	2	TISS, UGC, unassigned grant	16.39	0
Students research projects (other than compulsory by the University)				
Any other(Specify)			4.5	
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	2	40	5	5	8
Sponsoring agencies	NIL	Sanskrit Academic Gandhinagar, UGC-DRS, CPD, UGC, DBT-MSUB-ILSPARE UGC Unassigned grant, NCPSL, Lalit Kala Academy (Delhi), Lalit Kala Academy (Lucknow)	ICAI	Nanavati Associates, Ahmedabad, AAAC, Vadodara, UGC, MSU	

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	8
	Granted	6
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

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
65	15	34	11	1	0	4

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	0	College forum	12		
NCC	3	NSS	7	Any other	31

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

- Breast feeding week celebration.
- Nutrition Week celebration, NGO SWADESH Undera.
- Nutrition Week celebration, VMSS.
- Talk on Nutrition by creation NGO Halol.
- Bal Amrutam Programme, Jilla Panchayat, Vadodara.
- Live lecture series by SANDHAN, Deesa, Gandhinagar.
- Training and exhibitions of craft products for different NGOs, Bhagini Samaj, Sahej Shishu Milap, Friends Society, Kamubdva.
- One day workshop organized for awareness of home makers on Nutritious food and Packed food items.
- National Seminar on Women Development and Empowerment in India, Vision, Mission and Action
- Workshop on E content Development
- Awareness on water management on slums of Vadodara city at household level

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		UNDER XI PLAN UGC & SAP DRS	
Class rooms	323	24		347
Laboratories	204	4		208
Seminar Halls	40	5		45
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	238	47		285
Value of the equipment purchased during the year (Rs. in Lakhs)	1731352	35862946		37594298
Others	16	1389000		1389016

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	207701.00	40042180	2535	2966021	210236	43041326
Reference Books	1,11,259	34,42,175	1,742	5,30,411	1,13,001	39,95,802
e-Books	2	0	0	0	2	0

Journals	24,028	18,50,867	449	1,08,491	24,477	20,14,440
e-Journals	8,804	18,44,636	12	16,73,012	8,816	35,17,648
Digital Database	1	0	1	0	2	0
CD & Video	3,098	3,00,000	407	0	3,505	3,00,000
Others (specify)	1,212	0	97	6,547	1,309	36,197

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1389	89	161	97	13	61	90	26
Added	30	0	15	31	5	7	0	0
Total	1419	89	176	128	18	68	90	26

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (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 Spectrophoto Meter ; 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	14068
ii) Campus Infrastructure and facilities	1638408
iii) Equipments	6653453
iv) Others	1564000
Total :	9869929

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
- Health 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 committee
- Sports Medical Advisory Committee
- 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

- Periodic 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

UG	PG	Ph. D.	Others
27804	5289	263*	4680

* Registered during this academic year

(b) No. of students outside the state

808

(c) No. of international students

19

No	%
18232	47.93

Men

No	%
19804	52.07

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
30463	2123	1517	4746	53	38849	29375	2360	1441	4860	27	38036

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

351

5.5 No. of students qualified in these examinations

NET	<input type="text" value="75"/>	SET/SLET	<input type="text" value="9"/>	GATE	<input type="text" value="11"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text" value="5"/>	State PSC	<input type="text"/>	UPSC	<input type="text" value="12"/>	Oth	<input type="text" value="6"/>

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

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
247	3517	1088	71*

* Limited data available

5.8 Details of gender sensitization programmes

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

- Short course on 'Feminist Research Methodology' for faculty doctoral students and NGOs of Vadodara
- Two day seminar 'role of NGOs in schemes for adolescent girls: special focus on SABLA and ARSH was organised in collaboration with SAHAJ-local NGO
- Panel discussion organised on 'is beauty only skin deep? The Indian obsession with fairness'.
- Under the auspices of WSRC samvad, a talk on 'locating absence of women in history' was organised.
- Talk on 'women walking on exceptional path' by dr. Bhagwati Oza
- Talk on 'Supreme court guideline on sexual harassment' by experts was organised.
- Series of talks on 'Supreme court guidelines on sexual harassment' were organised particularly for 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.
- To avoid the gender based discrimination and violation of human right women's students and research center working and collaborating with faculties.
- 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

	Number of students	Amount
Financial support from institution	81	1221338
Financial support from government SEBC SC ST	2730	15928914
Financial support from other sources	1	11999
Number of students who received International/ National recognitions	30	3737216.5

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:

6.3.1 Curriculum Development

- 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 was introduced for both UG and PG.

- Simultaneous End Semester Examination of both Odd and Even semesters was introduced for both UG and PG.
- New Elective courses for UG and PG programs.
- Additional Optional courses were introduced at PG programs.
- Regularly restructuring and revising the syllabi as per the need of Industries
- Faculty 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
- Board Of Studies, Faculty Board are regularly conducted.

6.3.2 *Teaching and Learning*

- All teachers incorporate the latest developments in their teaching helping to keep the students abreast in the subject.
- Use of ICT , Use of case study methods, Industrial visits, Guest lectures, Quiz Competition, etc.
- LCD Projector , Power Point Presentation, Multimedia, Guest Lecture
- Staff and students encouraged to attend webinars.
- They are encouraged to carry out e-based learning.

6.3.3 *Examination and Evaluation*

- Apart from Midterm and End Semester examinations, viva voce is conducted for practical and comprehensive viva-voce for Theory courses. At PG level, students also have to give seminars on latest research topics and on their dissertation where they are thoroughly questioned on their topic of research.
- Continuous evaluation by conducting objective & Descriptive Types Test Examination
- Semester wise result declaration
- Change in passing criteria
- Change in Internal External ratio
- University Exam, Internal External Evaluation, Digitalization of Student Record

6.3.4 Research and Development

- 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 initiated from the year 2012.
- Motivating faculty members to undertake research projects, to pursue Ph.D. and Publish Research articles.
- Involvement of faculty in Research Project
- More than 15 institutional collaborations is a plus point to the University

6.3.5 *Library, ICT and physical infrastructure / instrumentation*

- Department Libraries; Teaching through LCD Projectors, CCTVs, computer lab with internet facility Fabrication work, E-database

6.3.6 Human Resource Management

- Faculty 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.
- Providing conducive Environment for effective learning and Teaching with Humanistic approach
- To facilitate administration, program officers are employed on temporary basis.
- Various training programs have been imparted to all staff towards progressive e-governance.
- Play therapy workshop to understand the concept and application in varied settings such as class rooms and hospitals
- Seminar on significance of early detection for infants at risk.
- Lectures on feminist counselling was well received
- Workshop for school going adolescents on citizenship and democracy appreciated.

- Life skills training program for adolescents and their parents was a great success.
- Workshop on creative thinking among adolescents was at its best attended by young adults.

6.3.7 Faculty and Staff recruitment

- As per University Guidelines.
- Centralized Process at University Office at University Level and Temporary Faculty at Institute / Department Level is followed.

6.3.8 Industry Interaction / Collaboration

- Industrial visits and inviting industrial Resource Persons for Students interactions.
- Many teachers have collaborations with industry like-Technology, Family and Community sciences, Science faculty, Polytechnic etc are few to name.
- Plant Visit, Field Visit etc are regular features of the various departments.
- Students get hands on experience to be trained and thus helps in job oriented skills.

6.3.9 Admission of Students

- Admission to all 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 and Personal Interviews.
- Hence all admissions to Faculty are through Entrance exams to ensure qualitative and focused students
- Central Admission through ACPDC after 10th Pass

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Scholarships

6.5 Total corpus fund generated

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	No	--	Yes	Faculty
Administrative	No	--	-	Senate and Syndicate

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

For UG Programmes Yes No

For PG Programmes Yes No

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

- Some Faculties have 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.
- Introduction of Digital Life Cycle of Students, each admitted candidate is well informed about his Personal details, Academic details and Examination details.
- In order to have transparency and openness, the answer-books can be inspected centrally at the University for University Assessment only. The candidates desiring to inspect his/her own answer book (s) for one or all course(s)/paper(s) shall have to apply to the Examination section along with the payment of `1000/- per course/paper.
- Candidates can seek their ‘Certified copy of their Answer-book(s)’ of the University examination after pursuant to Hon’ble Supreme Court Judgment.

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

Total autonomy is provided to Gotri Medical education and research society as per Faculty of Medicine

6.11 *Activities and support from the Alumni Association*

- Alumni Centers have supported Scientists from abroad to deliver Special lectures and Training programs.
- Alumni Associations support in setting up labs, infrastructure, organizing seminars.
- Training Programme for Students and Staff are regular features of the University.

6.12 *Activities and support from the Parent – Teacher Association*

- Regular meeting and Feedback mechanism for improving systems exist

6.13 *Development programmes for support staff*

- Computer Skills enhancement
- Accountability Training programmes

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

- Tree plantation on yearly basis.
- Cleanliness awareness programme
- Stray dogs on Campus are vaccinated and spayed-initiative taken by a Ph. D Student from Nutrition department.

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.

- Special recruitment drive for SC / ST as per rooster.
- Child guidance cell – counselling the hyper active children.
- SAKSHAM – project about training the councillors who will work for awareness on HIV AIDS , TB and Malaria.
- Online application for admission has attracted students across the country.
- Maximum teachers benefited under CAS.
- Organized DST-INSPIRE camp for Xth class school students.
- Organized open house under the celebration of MSU calling – reunion’2013.
- Faculty organizes open house, essay elocution to popularize the science into the attracting good students to pursue the study of science.
- Annual awards were given for the best research work carried out by Ph. D. students and faculty in different science disciplines.
- Faculty of Law sent around 250 students to be as Interns at various reputed Law Firms and Companies in India.
- Organizing Moot Court
- Training of administrative and non-teaching staff from class I to IV.
- An annual craft fair – HASTAKARY: A culmination of the traditional and creative craft subjects of the curriculum.

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

- The ‘Students’ Facilitation Centre’ was inaugurated at the University Main Office for attending to their various needs.
- In the meetings of head of various departments, a regular event of the faculty the output and achievement is discussed. In these meetings the progress of departments in terms of

teaching, examinations and Research is discussed. These help in improving the quality culture in the faculty.

- The 'Students' Facilitation Centre' was started at the University Main Office for attending to their various needs. More than 138 students were benefited through the directorate. Students with less than Rs. 2,00,000/- parental income were selected for the scheme.
- Project costing more than Rs. 5 crore for the construction of boys' hostel (SAMRAS- with 1000 students accommodation capacity) for Polytechnic students has been started by the Government of Gujarat.
- A major highlight of the year under review was the first ever global meet of MSU alumni "Reunion 2013" organized by Maharaja Sayajirao University Alumni Association (MSUAA) in the month of January 2013. Several distinguished alumni of the University from India and abroad were felicitated at a grand function at this meet.
- Department of French has conducted tutorials for all undergraduate programmes & French classes conducted at center for life-long learning & extension, Hotel management and other faculties of the university as a part of CBCS programme.
- Deans of Sports were appointed for coordinating Sports activities at faculty level, which resulted in increase participation in sports.
- The Maharaja Prata psinhrao Gaekwad Parisar was inaugurated with enhanced infrastructure like RCC roads, landscaping, storm water drainage system, esthetic lighting etc.
- West Zone Inter University Cricket (Men) Tournament and West Zone Inter University Table Tennis (Men & Women) were organised by M.S. University of baroda. 54 university teams in Cricket Men tournament participated and 108 teams Men and women table tennis teams were present to represent respective universities in prestigious West Zone Inter University Tournament.
- Smt. Hansa Mehta Hall (Girls Hostel) was renovated and added new facilities.

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.
- Dual professorship (one teacher with same specialization can be professor at two faculties)

7.4 Contribution to environmental awareness / protection

- Department of Extension and Communication has conducted Urban Non Formal Education Programme with Government Schools.
- Department also started Adult Education program for slums and underprivileged communities.
- The Department of zoology lent its expertise to NGOs like INSONA to develop and manage nature trails and to create manual for the identification of local fauna. This effort of the department is aimed at the larger objective of bringing man closer to nature and thereby creates compassion and awareness towards the fast depleting faunal wealth of India.
- Faculty of Social works organized Environment Brigade on August 2, 2012. Also Clean MSU Green MSU Campaign was organized at different faculties.

7.5 Whether environmental audit was conducted? Yes 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 like CBCs bring 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.

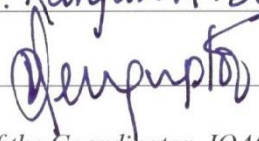
Threats

- 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 review the smooth implementation of CBCS and extend CBCS to Technology and Engineering Faculty.
- 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 pursue the idea of pharmacy faculty that got concurrence from senate in 2010.
- To encourage teachers for research as well as in conducting & organizing academic activities /tasks/programme.
- To encourage departments & Faculties for creation of additional facilities in terms on Equipment, Books & Journals.
- To complete renovation & construction of buildings started earlier.
- 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.
- To achieve the higher performance in sports and encourage players for advance learning in sports.
- To support the organization of the opening ceremony of Khel-Mahakhumb organized by GoG and participate proactively in it. And provide logistics support for the event organised in Baroda.

Name Prof. Ranjan A. Sengupta


Signature of the Coordinator, IQAC

Name Prof. Parimal H. Vyas


Signature of the Chairperson, IQAC