

Year: 2014-15

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	24	-	1	-
PG	36	1	7	3
UG	1	-	-	2 (B.Voc)
PG Diploma	7	-	1	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	2	-	1	-
Total	70	1	10	5
Interdisciplinary	6	1	-	-
Innovative	1		-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	All
Trimester	NIL
Annual	NIL

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.

Every three year Syllabus has been updated as per the requirements

Process was under taken during A.Y. 2014-15

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

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
96	59	28	9	96

2.2 No. of permanent faculty with Ph.D.

91

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
11	02	00	00	03	01	0	0	14	03

2.4 No. of Guest and Visiting faculty and Temporary faculty

54

30

19

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	35	105	19
Presented papers	41	197	59
Resource Persons	12	43	27

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

- Teaching is made easier and understandable by using various **animated software and videos**. For each topic covered students are given information of current application in market rather than only book material.
- **Interactive board** has been installed
- Last 10 minutes of each lecture is used for discussion to improve **interaction and solving doubts**.
- **Viva** is taken in each practical to make students study on regular basis. Study questions related to practical are given to prepare them for viva and better understanding of concepts of practical.
- Assignments are given to find out **current trends in topics** covered to improve their awareness in subject area.

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

240

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

MCQ questions and Theoretical Questions

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

57

2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise Distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	III %
MA	1510	5.7	20.07	65.81	8.42
M.PHIL.	293	46.75	47.78	2.04	3.41
M. Sc.	1403	49.53	35.85	7.41	0.2
M. Com	759	1.84	35.44	55.86	6.85
M. Lib. Info.	17	23.52	70.58	5.88	-
M. S. W.	403	61.78	38.22	-	-
M. L. W	18	88.88	11.12	-	-
M. Ed.	312	94.55	5.12	0.03	-
M. P. Ed.	14	100	-	-	-
MCA	58	53.44	36.20	8.62	1.7
MBA	94	6.38	82.97	10.63	-
LL. M.	13	69.24	30.76	-	-
MJMC	38	5.26	81.57	13.15	-
PG Diploma	18	11.11	77.77	5.55	5.55
Diploma	34	32.35	64.70	-	2.94
M. Pharm.	63	26.98	57.14	-	-
Total	5020				

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

The IQAC Conducts academic audit in all its academic departments internally as well as with the help of external agencies also.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	7
UGC – Faculty Improvement Programme	12
HRD programmes	2
Orientation programmes	1
Faculty exchange programme	3
Staff training conducted by the university	18
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	7
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	310	189	121	209
Technical Staff	13	7	06	4

Criterion – III

3. Research, Consultancy and Extension

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

IQAC is sensitizing for promotion of Research by various Schemes like Seed Money Project, Student Research Award, Dollarrai Mankad Award for Excellence in Research etc.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	5	25	17	6
Outlay in Rs. Lakhs	64.91	596.97	264.64	65.00

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	7	6	2	10
Outlay in Rs. Lakhs	9.95	9.95	4.00	20.00

3.4 Details on research publications

	International	National	Others
Peer Review Journals	121	69	0
Non-Peer Review Journals	9	6	1
e-Journals	35	8	0
Conference proceedings	14	20	1

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	Number of Projects	Name of the funding Agency	Total grant sanctioned	Received
Major projects	10	UGC, UGC-DAE, DAE-BRNS, CSIR, DST, SERB	49,91,375	
Minor Projects	5	UGC	4,66,000	
Interdisciplinary Projects	-	-	-	-
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)	5 (Research Project)	CSIR, DST, UGC-DAE, SERB	43,41,700	
Total	20		97,99,075	

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

ii) Without ISBN No.

3.8 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

Level	International	National	State	University	College
Number		6	4		
Sponsoring agencies		UGC	University		

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	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
31	5	11	4	1	5	5

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

43

192

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

21

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	<input type="text" value="--"/>	State level	<input type="text" value="--"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="3"/>	College forum	<input type="text" value="7"/>
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="5"/>
		Any other	<input type="text" value="--"/>

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

- NSS and NCC activities are vibrant amongst students of the affiliated colleges. On the campus, students are made aware of such programmes and encouraged to participate in them but also advised that their focus on higher education and research work should not be compromised. Students' delegations are sent for forums like the Youth Parliament, Swami Vivekananda's sesquicentennial year celebration etc.
- The faculty and the students take part whole-heartedly in various Government and University campaigns as a part of their social responsibilities. Many socio-cultural activities like Plastic Free day, Reforestation and Plantation day, 'Joy of Giving' day, public awareness generation against Swine-Flu, visits to the Homes for the mentally challenged persons, Old Age Homes, Blood Donation Camps, awareness towards RTI, visits to Baalwadi and Anganwadi centres, HIV awareness programmes, Women's Empowerment programmes, 'Save the Girl Child' programmes, programmes on the prevention of suicide, programmes on the promotion of Science, Consumer Awareness programmes, Legal Literacy Camps, and Rural Development programmes are some of the activities undertaken in the last four years.
- Faculty members of a particular department are aware of their students' participation in socio-cultural activities every academic year. Such activities in fact cannot be successful without participation of a large students' group.

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	360 Acres	NIL	-	360 Acres

Class rooms	111	-	-	111
Laboratories	88	-	-	88
Seminar Halls	15	-	-	15
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	3	-	-	3
Value of the equipment purchased during the year (Rs. in Lakhs)	1039951	-	-	1039951
Others	-	-	-	-

4.2 Computerization of administration and library

Each administrative office has a computer, and the library having more than 30 computers with internet facility and Wi-Fi facilities

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	195143	More than Crore	6357	3141758	2,01,500	More than Crore
Reference Books	22466	5100000	138	1200000	22,604	52,00,000
e-Books	-	-	10000+	-	10,000+	-
Journals	211	1000000	194	802175	405	10,00,000
e-Journals	8035	-	7537	-	15,572	
Digital Database	10	-	-	-	10	
CD & Video	3089	-	84	-	3,173	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	755	30	350	-	1	1	1	-
Added	77	--	200	-	-	-	-	-
Total	832	30	550	-	1	1	1	-

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

University has provided laptop to each faculty. In all departments adequate number of desktops and printers are installed at office premises each are connected with LAN facility. Individual faculties are provided with 24x7 Internet connections. Support service for hardware and software is provided by the University Computer Centre. 24x7 Wi-Fi throughout the campus for every Staff, Student and Guest.

4.6 Amount spent on maintenance in lakhs :

i) ICT	33,63,389
ii) Campus Infrastructure and facilities	4,00,80,245
iii) Equipments	1,07,10,483
iv) Others	32,27,63,846
Total:	37,69,17,963

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC has conducted many developmental programs for academic growth of student from disadvantaged sections of the society. In this regard, the CCDC has also extended its counselling programmes to students from disadvantaged sections studying in more than 200 affiliated colleges of the University.

5.2 Efforts made by the institution for tracking the progression

Grants for publication, travel expenses and registration charges for research training programmes, Attending or paper presentation in workshops and conferences, grants for research sample study by out sourcing.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2,08,764	7945	525	2758

(b) No. of students outside the state

00

(c) No. of international students

53

Men	No	%	Women	No	%
	384	33		786	67

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
106331	17747	4496	78370	394	209916	106822	19565	5168	83052	364	217677

Demand ratio 86 Dropout % 6

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

CCDC i.e. Career Council Development Centre provide support towards the student for competitive examination continuously

No. of successful students

143

5.5 No. of students qualified in these examinations

NET	33	SET/SLET	12	GATE	-	CAT	-
IAS/IPS etc		State PSC	119	UPSC	9	Others	143

5.6 Details of student counselling and career guidance

University has a Prefect Council which has student representatives from every department on the campus. Members of the Prefect Council are given leadership training for organizing various important functions on the campus, such as inauguration of various conferences and seminars, University Convocation, University Youth Festival, special lecture series and gathering, cultural events, etc.

No. of students benefitted

142

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
10	67	12	80

5.8 Details of gender sensitization programmes

Gender sensitization programmes needs to be carried out actively in university as well as other colleges and entire region. In this regard, we first initiated with gender audit at university campus to validate the form prepared to collect all necessary data for proper gender audit. Gender audit was carried out at the university campus on the basis of 12 different criteria as mentioned herewith like ratio of girl students admission, their drop out and reason for same, ranking among top 5 candidates, getting awards and scholarships from the University and various funding agencies, ratio of teaching and non-teaching ladies staff at the campus and their presence as senate and syndicate member and receipt of seed money projects comparatively. Data related to both girl students and ladies faculty's participation in various sports and academia related activities at state and national level are also collected. Cases of sexual harassment if any are also documented. Data analysis of gender audit is in process. Once the results are found and form validated, our future planning includes gender audit at multiple sites and initiating gender sensitization programmes as needed.

5.9 Students Activities

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

State/ University level	32	National level	74	International level	13
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No. of students participated in cultural events

State/ University level	-	National level	-	International level	-
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5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level	14	National level	1	International level	-
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Cultural: State/ University level	0	National level	0	International level	-
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5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	133	1545880
Financial support from government	119	845835
Financial support from other sources	NA	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: **No grievances received from student yet.**

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

<p>Vision: To be at the vanguard of knowledge in the domain of higher learning and achieve the highest global standards</p> <p>Mission:</p> <ul style="list-style-type: none"> • To achieve excellence in teaching and research • To empower learners in achieving their professional goals • To strengthen educational and professional interface • To contribute in building the society and the nation • To improve the quality of life in harmony with our heritage, culture and environment • To relate learning with the highest human values

6.2 Does the Institution has a management Information System

<p>The University has evolved a healthy practice of monthly meeting of Coordination Committee of teaching and non-teaching staff with the Vice Chancellor and other officials. This practice helps in cutting down of the red tape and builds a direct and one-to-one communication, which is found very useful and effective in policy formulations, implementations and feedbacks collection.</p>

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

6.3.1 Curriculum Development

The University fulfilled a long-held aspiration of the people of this region and of its own with the introduction of UG and PG level programmes on Gandhian Studies beginning 2013. By doing so, Saurashtra University is not only paying tribute to the father of our nation but becomes *the only* higher education institution in the State to offer such an extensive programme both for the UG and PG students. Incidentally, Saurashtra University not only has the academic jurisdiction over the birth-place of the Mahatma (Porbandar) but is itself located at the place (Rajkot) that shaped Gandhiji and where he (as well as Kasturba Gandhi) spent early years of their active life

6.3.2 Teaching and Learning

The University is moving in the direction of integrating newer technologies in all the three aspects. It envisages that use of technology would help in reducing the time in key aspects involving this criterion, e.g., in shortening the period of evaluation and reaching results quicker to the students. It plans to orient its students and faculty on the campus towards the newer modes of interactive learning to make the teaching-learning activities more exciting and result-oriented. Efforts would be to harness technology to create a network of scholars of global repute who would be accessible to our students too thereby increasing their exposure and competence. Emerging areas of learning shall be an important aspect of curricular reforms the University wishes to undertake in the coming academic year when the syllabus of most faculties would be revised / updated.

6.3.3 Examination and Evaluation

Grading system is introduced in examination after converting the curriculum as per choice based credit system. Important theoretical topics apart from the regular syllabus were given to the students for examination and it was included as a part of internal examination marking.

6.3.4 Research and Development

- Identification of thrust areas of research and generating funds for research from various funding agencies and through industrial collaborations and consultancies.
- Getting research work presented in conferences and symposia, published in reputed research journals and generating IPRs.

6.3.5 Library, ICT and physical infrastructure / instrumentation

University central library is having more than 2, 00,000 books, 150 national and international journals and 4500 e-journals etc. and well equipped with computer lab with Wi-Fi and internet facilities. The department's classrooms are well equipped with ICT enable facilities as per the need

6.3.6 Human Resource Management

Faculty development programs, seminars and conferences

6.3.7 Faculty and Staff recruitment

Central Recruitment System

6.3.8 Industry Interaction / Collaboration

<p>Collaboration with various academic and industrial centre</p> <ul style="list-style-type: none"> ▪ Christ College, Rajkot ▪ B.T. Savani Kidney hospital, Rajkot ▪ Wochardt Hospital, Rajkot ▪ Genetic Centre, Ahmedabad ▪ Torrent Research Centre, Gandhinagar ▪ Vasu Pharmaceuticals, Vadodara ▪ Espee Pharmaceuticals, Rajkot ▪ BAN Laboratories, Rajkot ▪ Purple Remedies, Ahmedabad <p>Collaboration with National level centre:</p> <ul style="list-style-type: none"> ▪ IIM, Jammu ▪ Gujarat Ayurveda University, Jamnagar ▪ CSMCRI, Bhavnagar. <p>Collaboration with various International level centre:</p> <ul style="list-style-type: none"> ▪ University of New Mexico, USA ▪ University of Lancashire, UK ▪ University of Manchester, UK

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

6.5 Total corpus fund generated

11,30,21,874

6.6 Whether annual financial audit has been done

Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	KCG	Yes	IQAC
Administrative	Yes		Yes	

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?

- Journal club lectures were included in the internal exam marking system
- Every three year the syllabus is revised as per the need CBCS and statute 103 of the university
- Continuously up gradation of teaching techniques and research techniques
- CCTV camera in all the examination hall/room

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

- All the academic decisions are left to the head of the department and discussed in staff council and decision taken.
- Purchase committee of department was formed

6.11 Activities and support from the Alumni Association

Alumni association is actively contributing in development of the University. Alumni's actively provide training to current students as per their skills in various research activities, and technical skills of instrumentation and use of Software. Alumni fund is used for promoting research activities by sponsoring research activities, travel grants for attending conferences, etc.

6.12 Activities and support from the Parent – Teacher Association

Parents informally support department by giving their feedback for improvement and sponsoring departmental events.

6.13 Development programmes for support staff

Number of Short-Term Courses offered

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

Plastic free campus, plantation of trees

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.

Faculties prepare course planners in the beginning of the semesters as per academic calendar and same is followed and again submitted with follow up comments to check the level of adherence. This practice has helped in improving faculties as well as student's performance to great extent

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

At the end follow up reports for course planners is analyzed to check the plan of action compliance.

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

- Student mentoring system which take care of their personal and professional issues.
- Value Based Education
- Academic Planning
- Student feedback
- Seminars to students and journal club

7.4 Contribution to environmental awareness / protection

We maintain eco-friendly campus and contribute in developing more green and plastic free campus.

7.5 Whether environmental audit was conducted? Yes No

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

SWOC analysis

Strengths:

- Grade "A" by NAAC
- The biggest strength of the University is its strong financial position (probably no University in the state would be having such own financial soundness as the Saurashtra University is having)
- The University is having extra ordinary research facilities with its applied and pure science departments e.g. Pharmaceutical Science, Chemistry, Bio Science, Physics, etc.
- The faculty and the campus is a optimum blend of highly experienced minds, emerging scholars and fresh talent providing an excellent learning ground for newcomers. They are provided with excellent infrastructure for research and teaching.
- The University has an excellent network of colleges reaching to the remotest area of the Saurashtra Region and it provides higher education at affordable cost.
- The University has been leader in implementation of UGC Higher Education Reform agenda.

Weakness:

- Unfilled teaching and non-teachings posts
- There is significant variation in research activities across the departments

Opportunities:

- Harmonious stakeholders relations
- Good infrastructural Research, ICT, and Financial Support
- The SU may become a virtual leaning place by converting its course content and lectures in electronic form and giving access to its students registered for online courses.

Challenges:

- The Central and State Governments are cutting the Size of the grants day by day and the expenses are increasing day by day.
- Monolithic hierarchical structure of governance of the University inherited from British system
- Multiplicity of diverse functioning and constraint on resources

8. Plans of institution for next year

- Starting new programmes in emerging areas
- Starting skill based programmes
- Promoting Green Campus Drive
- Enhancing placement activities
- Apply for Centre for Potential for Excellence
- Promoting Research in applied areas
- Promoting faculty members for more Major and Minor Projects

Name: Prof. Alok Chakrawal

Name: Prof. Pratapsinh Chauhan

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC