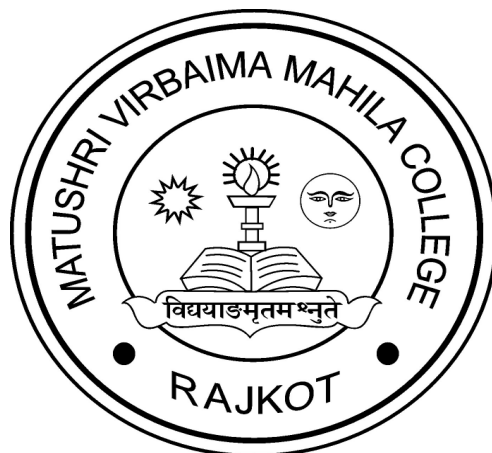


**Matushri Virbaima Mahila Science & Home Science College, Rajkot**



## **Annual Quality Assurance Report**

**2014-15**

**Submitted to**

**National Assessment and Accreditation Council**

**Bangalore**

**(Ms. N. K. Pandya)**

**Coordinator**

**Internal Quality Assurance Cell  
M. V. M. Sc. & Home Sc. College**

**(Principal Dr. K. J. Ganatra)**

**Chairperson**

**Internal Quality Assurance Cell  
M. V. M. Sc. & Home Sc. College**

## MVM Sc & HSc College Rajkot AQAR 2014-15

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## 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)

### Part – A

#### 1. Details of the Institution

1.1 Name of the Institution	Matushri Virbaima Mahila Science & Home Science College, Rajkot
1.2 Address Line 1	Near Under Bridge
Address Line 2	Kalawad Road
City/Town	Rajkot
State	Gujarat
Pin Code	360007
Institution e-mail address	mvmscience@yahoo.co.in
Contact Nos.	0281 2452997
Name of the Head of the Institution:	Dr Kalpesh J Ganatra
Tel. No. with STD Code:	0281 2452997
Mobile:	09825198991

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHC0GN 18879)

1.4 NAAC Executive Committee No. & Date:   
 (For Example EC/32/A&A/143 dated 3-5-2004.  
 This EC no. is available in the right corner- bottom  
 of your institution's Accreditation Certificate)

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A		March 2007	Five years
2	2 <sup>nd</sup> Cycle	A	3.04	15-09-2012	15-09-017
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC: DD/MM/YYYY



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

Autonomy by State/Central Govt. / University	<input type="text"/>		
University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other ( <i>Specify</i> )	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

**2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="08"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="Nil"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="Nil"/>
2.8 No. of other External Experts	<input type="text" value="Nil"/>
2.9 Total No. of members	<input type="text" value="12"/>
2.10 No. of IQAC meetings held	<input type="text" value="04"/>

2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No   
 If yes, mention the amount

2.13 Seminars and Conferences (i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC  
 Total Nos.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

Students' Welcome Program was arranged by our institute with KCG in the beginning of the year on 4/8/14. KCG Joint CEO Shri Chotalia was present in the function (Swaagat / Praveshotsav)

1. A three day lecture series (4, 6, 8 August 14) on "Women's' Right: Issues and Remedies" was organized. Dr Gora N Trivedi – (lecturer in Dept of Law, Sau Uni Rajkot, social worker and educationist ) delivered talk on 'Constitutional Privileges to Women, 'Special Welfare laws and policies for women' and 'Human rights and concepts of equality'
2. Faculty Development Program was organized jointly with V P academy during 7 to 17 July 14, where training was given to all teaching and non teaching staff members for "Computer Basics" and all were benefitted.
3. Under the banner of Suraksha Setu, a special camp of Judo and Karate for the self protection was organized from 30/7/14 to 5/8/14 in college ground. Rajkot City Police and judo expert Mr. Jitendra Maaru (Black Belt) gave training to 102 students.
4. For the development of entrepreneur aptitude among students,' Fun Fiesta 2014-15' was organized for three days (30, 31 Jan and 1 Feb 2014). Also during this three days an exhibition of artistic handy craft items by Home science wing and various cultural items were also performed. Total 30 stalls were managed by students.
5. Our students participated in "Mahila Suraksha Rally 2014-15" organized by Rajkot City Police and RMC. Smt Rakshaben Bolia, Mayor of Rajkot City, Mr Jha, Rajkot City Police Commissionaire, Mr Gagandeepsinh Gambhir, Smt Bhanuben Babaria, encouraged students for the rally.
6. For health awareness various activities like Dental camp, Mega Blood Donation Camp, Red Ribbon Club program , Thalassemia check up etc was carried out

7. For the protection and awareness about health and hygiene, clean environment is must. As per Govt of Gujarat initiative “Swachata Abhiyan” was held during 25/9/to 2/10/14. Cleaning college campus and canteen, giving guidance and motivation to safai kamdar at hospitals, cleaning foot paths, and taking oath were the prim activities performed by students.
8. Various social activities carried out by NSS team, like NSS camp, NCC team and distribution of blankets at Dholara Vrudhhashram, Gondal Road, Rajkot by sports team.
9. IQAC motivated students to actively participate in Saptadhara (Gov of Gujarat Initiative) , Youth Festival ( Saurashtra Uni ) for various cultural and sports activities.
10. IQAC has supported CCDS & UDISHA’s (Initiative of Gov of Gujarat ) activity for career awareness and advancement through programs such as CCC Course for Skill development in computer work.
11. IQAC encouraged Celebration of Special Days and Religious days: like Guru Purnima day, Teacher’s Day, International Women Day, Samvatsari, Ganesh Chaturthi Vasant panchami etc, Gujarati folk dance during Navratri.
12. IQAC played significant role in encouraging & guiding students for poster/oral/model etc presentation at state/national level conference/symposim at UG level & achieve ranks.
13. IQAC provided encouragement for small research activities by Research & Development Committee to participate actively in National & International conference & presenting papers & to register Ph. D students.
14. IQAC initiated ‘Mentor register system’ for counseling the student for various aspects.
15. IQAC motivated students for active participation in “Soil Health Card Project” initiated by Govt of Gujarat.
16. IQAC supported all departments to conduct study tour at various industries or at research institutes.
17. Grivance redreassal cell has resolved few issues among students.
18. IQAC supported sports and students participated in All India Women’s Cricket tournament 26 to 28 Jan 2015.



## 2.15 Plan of Action by IQAC/Outcome

**The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year 2014-15**

1	Creating environment awareness	<ol style="list-style-type: none"> <li>1. Essay , elocution and group discussion with various Competition on Environmental Issues</li> <li>2. 'Science Day' Celebration</li> <li>3. Awareness about Environment Conservation : By visits and Film show on Wild life and Nature</li> <li>4. Plastic free campus and consciousness about pollutants</li> <li>5. Plantation</li> </ol>
2	Skills for income generation/ Enterpreurship	<ol style="list-style-type: none"> <li>1. To arrange various workshops for skill development – Jewellery Making / handwork etc</li> <li>2. Visit to different industries and make them understand about business</li> <li>3. Workshop on preserved products, canning &amp; bottling</li> <li>4. Exhibition cum Demo and sale of handicraft items</li> <li>5. Concept and demo of kitchen garden</li> </ol>
3	Health aspects	<ol style="list-style-type: none"> <li>1. Thalassemia camp and test for incoming students</li> <li>2. Visit to various hospitals</li> <li>3. Awareness about Healthy Diet &amp; life style Patient Counselling</li> <li>4. Sports</li> </ol>
4	To cultivate & nurture patriotism	<ol style="list-style-type: none"> <li>1. Independence Day 15<sup>th</sup> August , motivational talk by Dr Annapuran Shah, Principal MVM Arts College and plantation</li> <li>2. Republic Day 26<sup>th</sup> January , celebration</li> <li>3. Shaheed Din 30<sup>th</sup> Jan remembering and paying tribute to martyr of independence.</li> <li>4. Matrubhasha ni mahatta 21<sup>st</sup> Feb giving respect to mother tongue Gujarati</li> <li>5. NCC and NSS activities</li> </ol>
5	Empowering women	<ol style="list-style-type: none"> <li>1. To organise various activity related to development of women</li> <li>2. To organise camp and training for self defence( Karate and Judo)</li> <li>3. To understand laws favouring and protecting women in society</li> </ol>
6	Social responsibility / extension activity/ Value education	<ol style="list-style-type: none"> <li>1. Students Views on Our Religious and National Festivals</li> <li>2. Visit to Anganwadi</li> <li>3. NSS Activities and camp</li> <li>4. Visit to the institute of mentally challenged children etc</li> <li>5. Visit to Andh Mahila Vikas Gruh</li> <li>6. Blood Donation Camp</li> <li>7. Celebration of Various special days</li> </ol>

7	Adding value to syllabus	<ol style="list-style-type: none"> <li>1. Study of plant diversity in college campus</li> <li>2. Educational Tours and Visit to educational institutes</li> <li>3. Film show on Wild Life &amp; Birds Identification</li> <li>4. Session on Story Making Skill</li> <li>5. Visit to Poultry farm</li> <li>6. Project making</li> <li>7. Guest lectures by eminent subject expert</li> <li>8. Participation in various academic activities in conference/ seminar/symposia etc</li> </ol>
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**\* Attach the Academic Calendar of the year as Annexure 1.**

2.15 Whether the AQAR was placed in statutory body      Yes  No

Management       Syndicate       Any other body

Provide the details of the action taken

**Annexure A 1 Academic Calendar 2014-15**

	<b>Nature of Activity</b>
<b><u>JUNE 2014</u></b>	<b>First Term</b>
Wednesday, 18 <sup>th</sup>	Academic Year begins
Monday, 23 <sup>rd</sup>	HOD meeting
Thursday, 26 <sup>th</sup>	IQAC meeting for 12 <sup>th</sup> Plan
Friday, 28 <sup>th</sup>	Common staff meeting
Saturday, 21 <sup>st</sup>	Orientation for First year students
<b><u>JULY</u></b>	
Monday, 1 <sup>st</sup>	Mangal Pravachan
Mon 7 <sup>th</sup> - Thu 17 <sup>th</sup>	FDP: Workshop on 'Computer Basics'
Saturday 12 <sup>th</sup>	Gurupurnima celebration
Tuesday, 29 <sup>th</sup>	Ramjan-Id holiday
<b><u>AUGUST</u></b>	
Mon 4 <sup>th</sup> - Fri 8 <sup>th</sup>	Lecture series on women's rights by Dr. Gora Trivedi
Friday, 8 <sup>th</sup>	HOD meeting for Janmashtami vacation
Friday, 15 <sup>th</sup>	Independence day celebration & Plantation , plastic free campus
Monday, 18 <sup>th</sup>	Krishna Janmashtami
Friday, 29 <sup>th</sup>	Samvant Sari holiday
Saturday, 30 <sup>th</sup>	HOD meeting for Internal test Time-table and IQAC meeting .
<b><u>SEPTEMBER</u></b>	
Friday, 5 <sup>th</sup>	Teachers' day celebration
Tuesday, 9 <sup>th</sup>	Thalassemia test & awareness by N.G.O. LIFE
15 <sup>th</sup> to 18 <sup>th</sup>	Internal Exam for Semester III & V
Wed 17 <sup>th</sup> -Sat 20 <sup>th</sup>	Saptadhara competition
Friday, 26 <sup>th</sup>	Navratri Function
<b><u>OCTOBER</u></b>	
Thursday, 2 <sup>nd</sup>	Gandhi Jayanti holiday
Friday, 3 <sup>rd</sup>	Dusshera holiday
Monday, 6 <sup>th</sup>	Bakri-Id holiday
14 <sup>th</sup> to 18 <sup>th</sup>	Internal Exam for Semester I
Saturday, 18 <sup>th</sup>	Last day of 1st semester
Sunday, 19 <sup>th</sup>	Diwali vacation
<b><u>NOVEMBER</u></b>	<b>Second Term</b>
Thursday, 20 <sup>th</sup>	Second semester begins
Friday, 21 <sup>st</sup>	HOD meeting and IQAC meeting
<b><u>DECEMBER</u></b>	
Saturday, 20 <sup>th</sup>	Sports Activity
Saturday, 27 <sup>th</sup>	Field trip/ Academic visit
Monday, 29 <sup>th</sup>	CCC Training
<b><u>JANUARY 2015</u></b>	
Thursday, 1 <sup>st</sup>	AIDS awareness camp by Red Ribbon Club

Sunday 4 <sup>th</sup>	NSS Camp
Wednesday, 14 <sup>th</sup>	MakarSankranti holiday
Friday, 16 <sup>th</sup>	HOD for Fun Fiesta and Annual Day
Friday 23 <sup>rd</sup>	Vasantpanchmi- Saraswativandana program
Monday, 26 <sup>th</sup>	Republic day celebration
Fri 30 <sup>th</sup> – Sun 1 <sup>st</sup> Feb	Fun fiesta for students
<b><u>FEBRUARY</u></b>	
Saturday, 21 <sup>st</sup>	Matrubhasha day
Second week	Annual Function
Tuesday, 17 <sup>th</sup>	Maha Shivratri holiday
Friday, 27 <sup>th</sup>	HOD meeting for Internal Exam
<b><u>MARCH</u></b>	
Friday, 6 <sup>th</sup>	Holi- Dhuleti holiday
5 <sup>th</sup> to 10 <sup>th</sup>	Internal Exam for Semester II, IV & VI
28 <sup>th</sup>	Ram navmi holiday
<b><u>APRIL</u></b>	
Thursday, 2 <sup>nd</sup>	Mahavir Jayanti holiday
Friday, 3 <sup>rd</sup>	Good Friday holiday
Tuesday, 14 <sup>th</sup>	Baba Saheb Ambedkar's Birth day holiday
Thursday, 30 <sup>th</sup>	HOD meeting for Second term end and IQAC meeting
<b><u>MAY</u></b>	
Sunday, 3 <sup>rd</sup>	Summer vacation

\

## Part – B

### Criterion – 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				
PG				
UG	<b>05</b>			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	<b>05</b>			
Interdisciplinary				
Innovative				

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

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	<b>05</b>
Trimester	
Annual	

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*

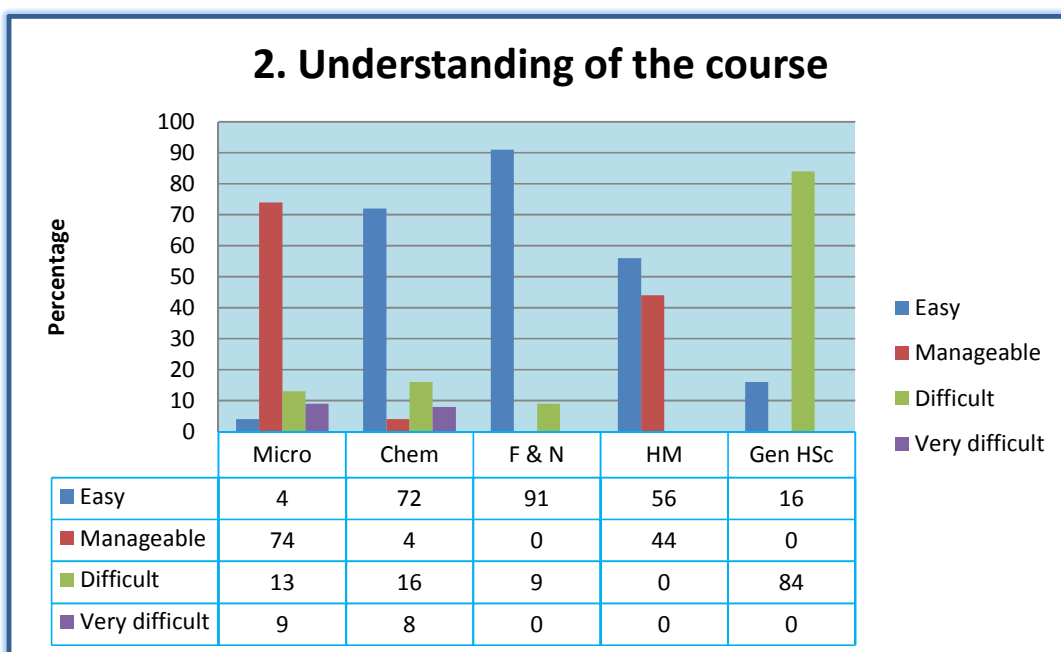
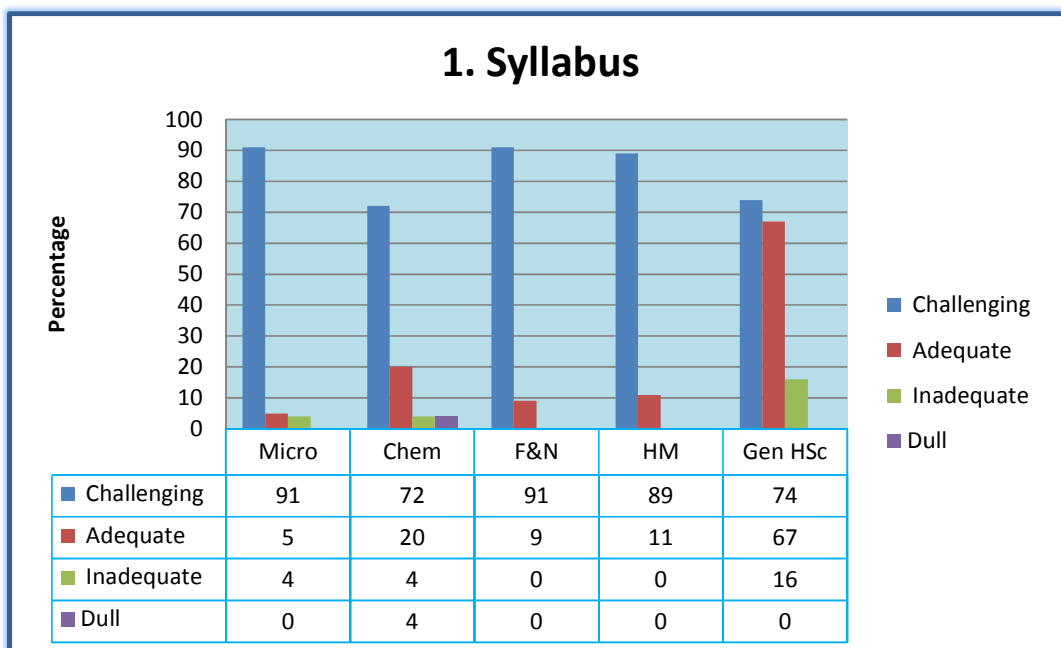
#### 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Syllabus of Semester V & VI updated by Board of studies, Saurashtra University, Rajkot as per UGC guide lines and Choice Based Credit System was introduced in June 2014

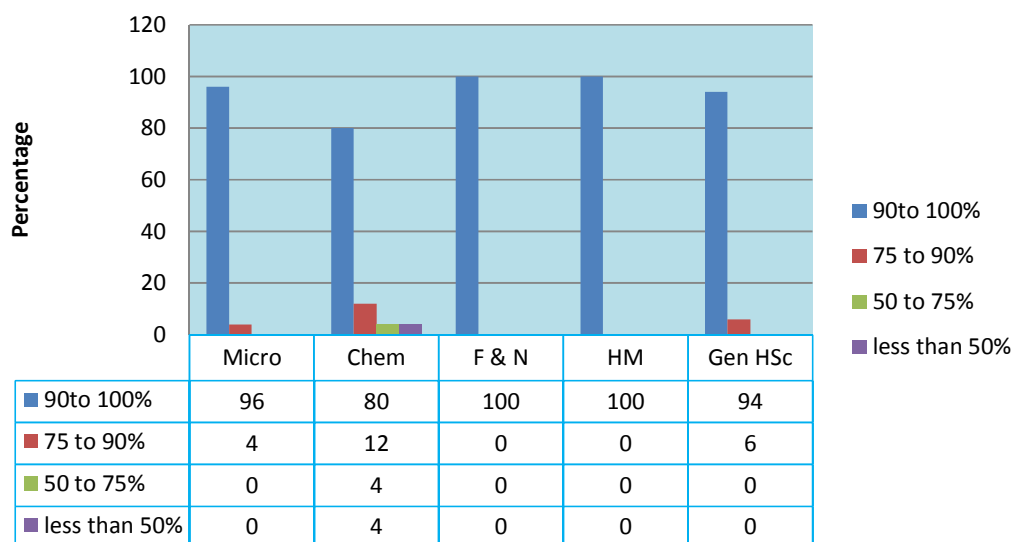
#### 1.5 Any new Department/Centre introduced during the year. If yes, give details.

**M V M Science & Home Science College, Rajkot**  
**Internal Quality Assurance Cell**

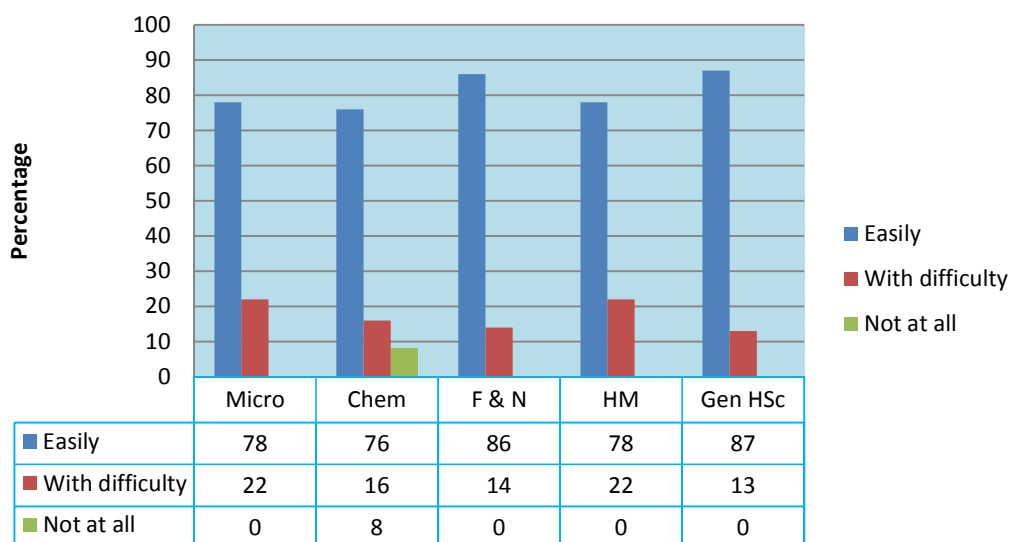
Analysis of the feedback received from outgoing students  
**Academic year 2014-15**



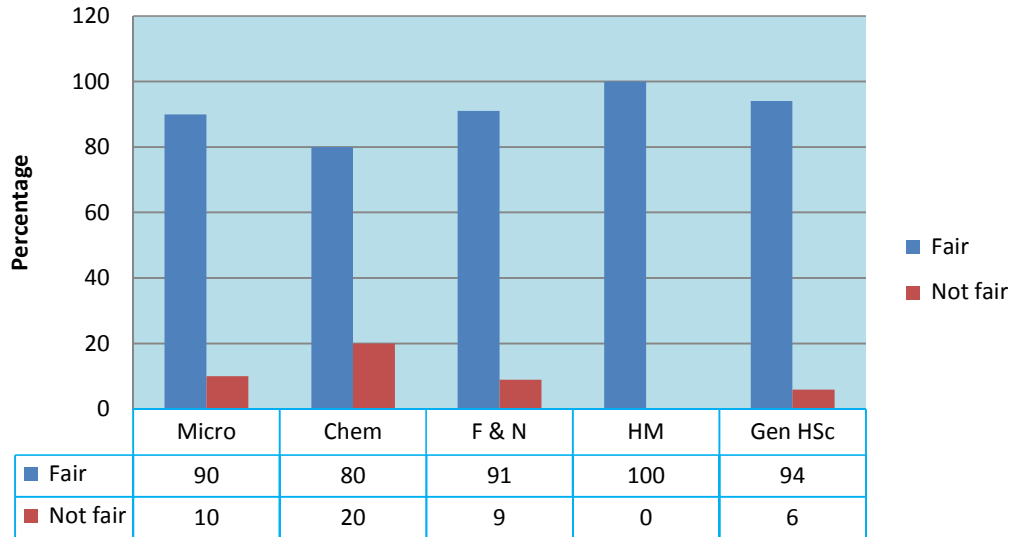
### 3. Syllabus completed in class



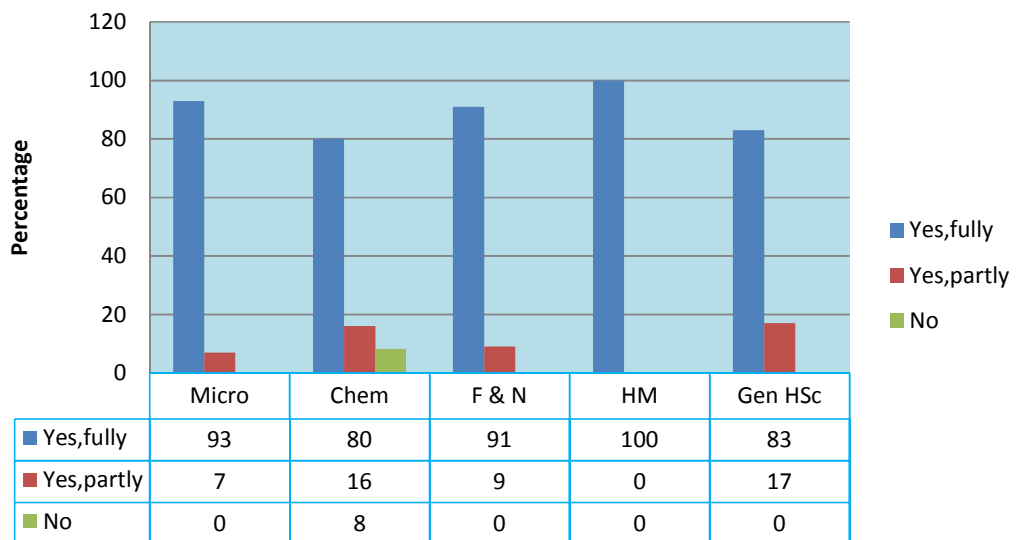
### 4. Availability of prescribed reading



## 5. Internal assesment

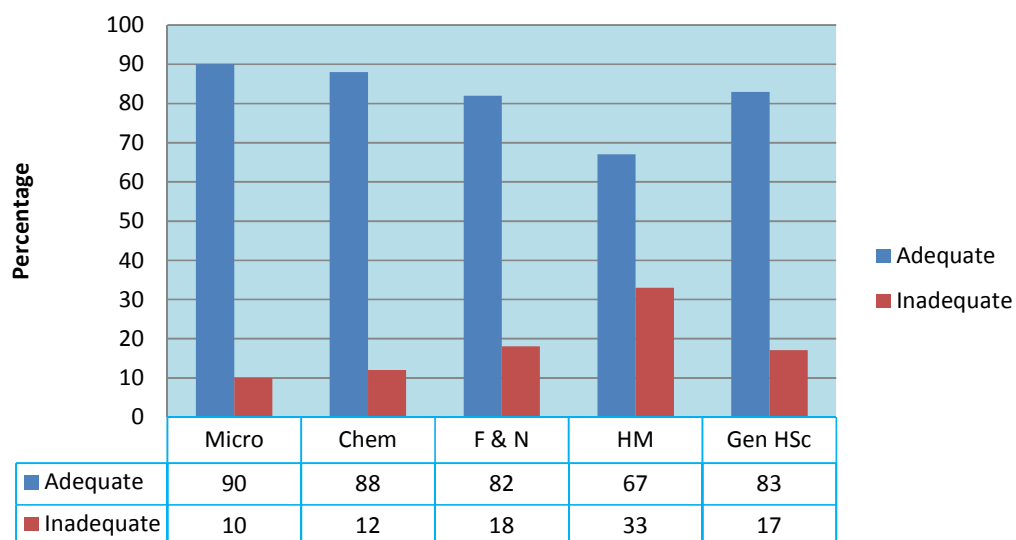


## 6. Were assignments discussed with you

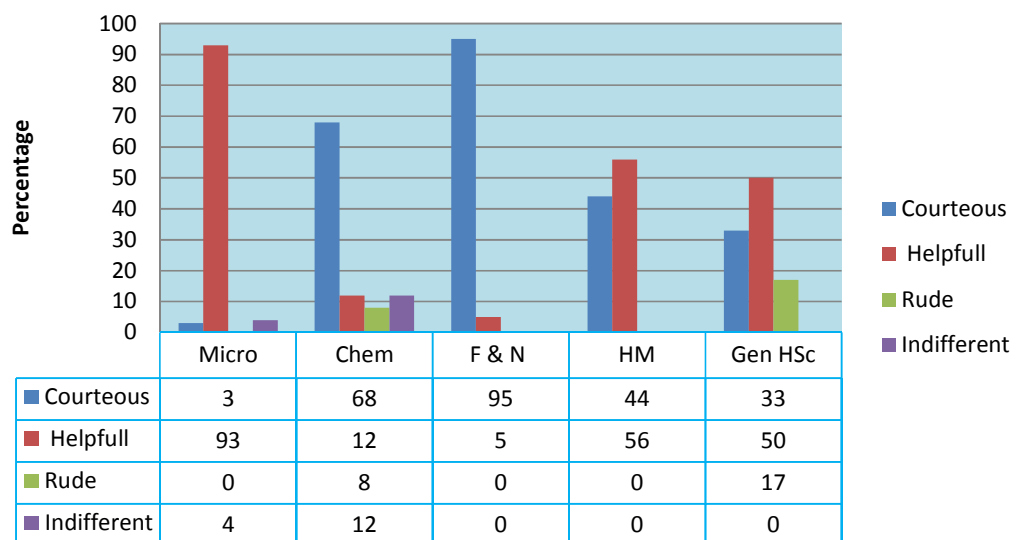




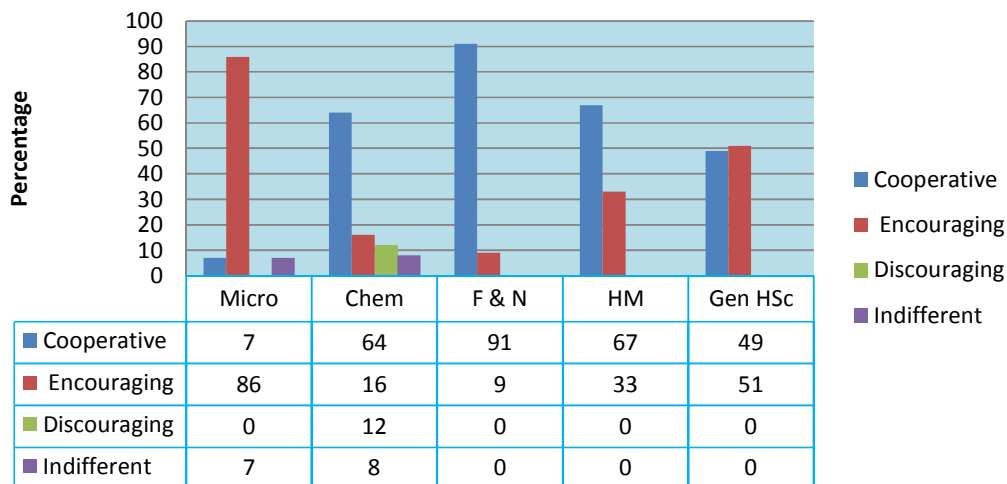
## 7. Sports infrastructure



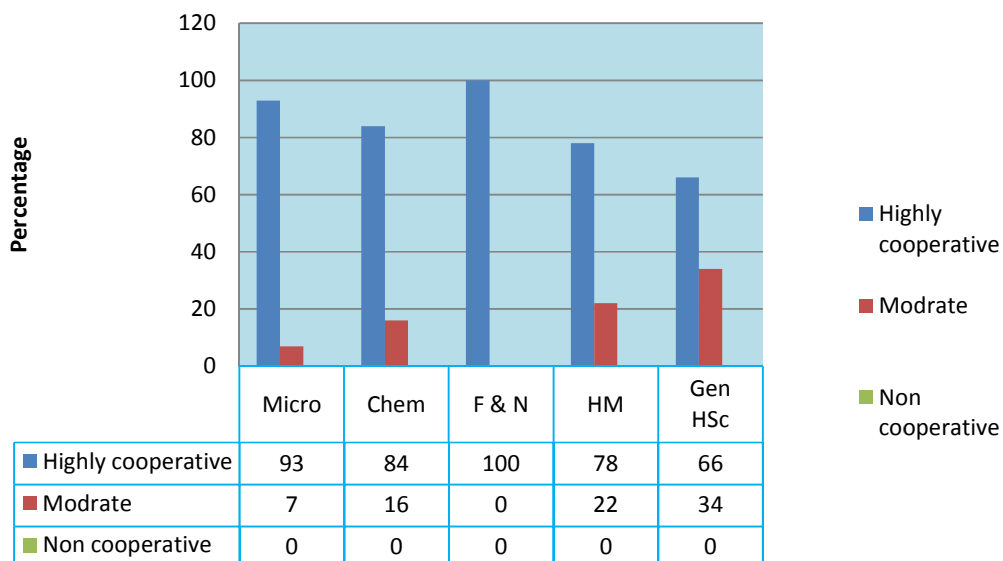
## 8. Staff's approach



## 9. Teacher's approach for extra-curricular activities



## 10. Motivation of teachers for academic/co-curricular activity



## Report and recommendations based on the analysis of the feedback received from outgoing students (2014-2015)

### Chemistry

- Understanding the syllabus was 72% in last year which increased to 76%, which shows improvement.
- Previous year 81% students felt that syllabus was fully taught which is 82% this year.
- Internal assessment was fair as per 80% in previous year which increased to 88% this year, indicates more commitment of staff
- Approach of staff towards students increased by 2% and for extracurricular activity increased by 8%, which shows goodness from staff.

### Microbiology

- Previous year 93% students felt that syllabus was fully taught which 94% this year is.
- Courteous approach of staff towards students was decreased by 6% which shows it may be due to shortage of staff.
- Motivation from staff was found to highly cooperative by 94% students, which is good.
- Internal assessment was fair as per 90% in previous year which increased to 94% this year, indicates more commitment of staff

### Food and Nutrition

- Motivation from staff was found to be highly cooperative this year it is 100% which was 88% in previous year.
- Internal assessment was fair as per 100% in previous year which reduced to 91% this year, indicates that staff has to be alert.
- Courteous approach of staff towards students was 28% in previous year which has increased and it is 95% this is appreciable.

### Home Management

- Motivation from staff was found to be highly cooperative and it is 78%
- Previous year and this syllabus was fully and thoroughly completed was felt by 100% students, which is admirable.
- Reading material was easily available as per 100% students earlier but this year it declined by 22% students.

**General Home Science**

- 20 % students felt that the course is difficult to understand and 80% felt that it is easy so this need to be improved.
- Reading material was easily available as per 85 % students earlier but this year it increased by 5 % which indicates more involvement of staff .
- Approach of staff towards students increased by 27 % and for extracurricular activity increased by 6%, which shows goodness from staff.
- Syllabus completion was similar to last year, i.e.85% students believed that it is completed thoroughly.

**Student's feedback form****Course:****Year:**

You may tick off more than one answer to a question to the extent that it does not invalidate your response.

- 1] The syllabus was
 

a) Challenging	b) Adequate
c) Inadequate	d) Dull
  
- 2] Was the course conceptually difficult to understand?
 

a) Easy	b) Manageable
c) Difficult	d) Very difficult
  
- 3] How much of the syllabus was taught in class?
 

a) 90to 100%	b) 75 to 90%
c) 50 to 75%	d) less than 50%
  
- 4] Were you able to get the prescribed readings?
 

a) Easily	b) With difficulty
c) Not at all	
  
- 5] Internal assessment was
 

a) Fair	b) Not fair
---------	-------------
  
- 6] Were your assignments discussed with you?
 

a) Yes, fully	b) Yes, partly
c) No	
  
- 7] How did you find sports infrastructure in college?
 

a) Adequate	b) Inadequate
-------------	---------------
  
- 8] The administrative staff' approach can best be describe as
 

a) Courteous	b) Helpful
c) Rude	d) Indifferent
  
- 9] How did you find the support of the teachers for extra-curricular and curricular activities?
 

a) Cooperative	b) Encouraging
c) Discouraging	d) Indifferent
  
- 10] How did you find the motivation of teachers for academic/co-curricular activity?
 

a) Highly cooperative	b) Moderate
c) Non cooperative	

**Criterion – II Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
<b>29</b>	<b>5</b>	<b>24</b>	<b>nil</b>	<b>nil</b>

2.2 No. of permanent faculty with Ph.D.

**15**

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
<b>5</b>	<b>8</b>								

2.4 No. of Guest and Visiting faculty and Temporary faculty

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2.5 Faculty participation in conferences and symposia: **Annexure 2.5**

No. of Faculty	International level	National level	State level
Attended Seminars/	<b>01</b>	<b>03</b>	<b>02</b>
Presented papers	<b>04 (Poster) 02 (Oral)</b>	<b>07 (Poster) 05 (Oral)</b>	---
Resource Persons	--	--	--

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

- The college has developed a digital Laboratory from where one can access internet.
- Efforts are taken to adopt advanced technology in teaching certain topics with the help of computer simulations, demonstration in class with LCD and Laptop, use of virtual classes
- Innovative pedagogical method called cooperative learning is adopted by teachers, in classroom teaching. This resulted in improvement in the performance of the students in internal examinations.
- Few staff members used their personal website and blog.
- Some innovative teaching- learning systems developed by college
  1. Remedial courses - Chemistry and Microbiology Departments
  2. Unit wise class test, Practical Test, Group Discussion, Study Tour, Poster/ Chart making, Book Reading
  3. Audio-visual aids like Charts, LCD
  4. Interactive methods like class discussions/ presentations, asking questions, conducting class quiz, sharing experiences-

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

**223**

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

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 11

**As per Annexure 2.9**

2.10 Average percentage of attendance of students 89 %

2.11 Course/Programme wise distribution of pass percentage

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
BSc						
F Y Sem1	124	28.23	53.23	13.71	--	95.16
F Y Sem 2	124	26.61	56.45	5.65	--	88.71
S Y Sem 3	174	33.33	56.90	5.75	--	95.98
S Y Sem 4	174	41.95	50.57	3.44	---	96.55
TY Sem 5 Micro	17	29.41	64.71	--	--	94.12
TY Sem 6 Micro	17	29.41	70.59	--	--	100
TY Sem 5 Chem	117	24.79	51.28	11.97	--	88.03
TY Sem6 Chem	117	23.93	60.68	2.56	---	98.29
BSc HSc						
F Y Sem 1	55	34.55	36.36	27.27	--	100
Sem 2	49	46.94	38.76	14.29	--	100
S Y FN Sem 3	35	54.29	25.71	14.29	5.71	100
Sem 4	36	58.33	25.00	8.33	--	97.22
HM Sem 3	09	22.22	66.67	11.11	--	100
Sem 4	09	55.56	44.44	--	--	100
Gen HSc Sem 3	27	11.11	62.96	18.52	--	96.15
Sem 4	23	37.78	43.48	13.04	--	100
CT Sem 3	14	85.71	14.29	--	--	100
C T Sem 4	12	100	--	--	--	100
T Y FN Sem 5	23	26.09	39.13	30.43	--	95.65
Sem 6	22	27.27	63.64	9.09	--	100
HM Sem 5	09	100	--	--	--	100
Sem 6	09	77.78	22.22	--	--	100
Gen HSc Sem 5	30	50.00	43.33	6.67	--	100
Sem 6	28	46.43	46.43	7.14	--	100

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

Teaching & Learning processes are regularly monitored by checking the performance of the students in class – group discussion and monthly test. Assignment and viva test are the check point for their improvement and maintenance of interest in the subject.

2.13 Initiatives undertaken towards faculty development **Annexure 2.13**

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programme	--
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	<b>05</b>
Summer / Winter schools, Workshops, etc.	<b>01</b>
Others FDP	<b>28</b>

## 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	<b>02</b>	<b>02</b>	<b>nil</b>	<b>nil</b>
Technical Staff	<b>01</b>	<b>05</b>	<b>nil</b>	<b>nil</b>

**Annexure 2.5 Faculty participation in Conferences, Workshops, Seminars and Symposia (Attended/Presented (-Poster / Oral)/Resource person****Annexure 2.9 Faculty members involved in curriculum restructuring / revision / syllabus development as member of Board of study / faculty / curriculum development workshop****Annexure 2.13 Refresher/Orientation/Training /Workshop / FDP**



**Annexure 2.5 Faculty participation in Conferences, Workshops, Seminars and Symposia (Attended/Presented (-Poster / Oral)/Resource person)**

Sr.No	Name	Title of the Paper presented	Title of Conference/ Seminar	Organized by	International / National/ State	Attended/ Presented (Oral /Poster) Resource person
1	Dr J J Upadhyay	'Cu(I) Catalyst Highly Efficient one-pot Synthesis of pyrazole derivatives using microwave assisted A3 coupling' 25-28 /2/15	Current trends in drug discovery and developments	C. D. R. I. Lucknow	International	Poster
2	Dr V V Umrana	'Application of Acidothermophiles in Biomining Technology' 8-9 /12/14	4 <sup>th</sup> International Sci Congress Association: Global Research, Enhancement, Reforms and Commercialization	Intl Sc. Congress Association & Pacific University, Udaipur	International	Oral
3	Dr V V Umrana	'Accurate Perception-Correct Expression; The Essence of Higher Education" 8-9 /12/14	--As above --	--As above--	International	Oral
4	Dr V V Umrana	"Screening of Chemolithotrophic Microbes for Chalcopyrite Biosolubilization" 14/2/15	"One Day National Seminar on Recent Advances in Biochemical Research"	UGC & Dept. Of Biochemistry, Saurashtra University, Rajkot	National	Oral
5	Dr V V Umrana	"Green Synthesis of AgNP and AuNP" 17-18 /3/15	UGC-CAS Natl. Conf on 'Biodiversity and Bioresource Utilization'	Bioscience Dept Saurashtra Uni Rajkot	National	Oral
6	Dr. C. M. Rajyaguru	'Lin-Benzo-Quinolones Synthesis & Antibacterial Activity of Lin-Benzo-	Seminar on Microbes & Industrial Biotechnology	GSBTM & Dept. Of Pharmaceutical Sciences, Saurashtra University,	National	Poster

		Ciprofloxacin' 23/9/14		Rajkot		
7	Dr. C. M. Rajyaguru	'Agar Dilution Method –A Developing Technique for MIC 14/2/15	One Day Seminar on Recent Advances on Biochemical Research	UGC & Dept. Of Biochem., Saurashtra University, Rajkot	National	Poster
8	Dr. C. M. Rajyaguru	'Antifungal Profile of Some Newly Synthesized 2-Amino-6-methyl-5-oxo-4-substituted phenyl-5,6-Dihydro-4Hpyreno[3,2-C]quinoline-3 Carboxylates' 21/02/15	One Day Seminar on Challenges & Opportunities on Nanotechnology based Drug Delivery System	GUJCOST & Dept. Of Pharmaceutical Sciences, Saurashtra University, Rajkot	National	Poster
9	Dr. C. M. Rajyaguru	Antimicrobial Studies of Some Newly Synthesized ethanones By Agar Dilution Method 22/2/15	8 <sup>th</sup> National Science Symposium 2015 on Recent Trends in Science & Technology	Christ College, Rajkot	National	Oral
10	Dr. C. M. Rajyaguru	Antimicrobial Activity of newly synthesized Caumarins 28/2/15	One Day Seminar on Widening Horizons of Microbiology	DBT,GSBTM & M.& N. Virani Science College, Rajkot	National	Poster
11	Ms. R. P. Panjabi	28/2/15	One Day Seminar on Widening Horizons of Microbiology	DBT,GSBTM & M.& N. Virani Science College, Rajkot	National	Attended
12	Dr C M Thaker	'Pr 3+ and Ca 2+ co substitution induced phase transition in LaMnO <sub>3</sub> manganites' 4-5/9/14	NWXRD 2014	National Level Workshop at Dept of Physics, Saurashtra Uni Rajkot	National	Poster <b>1<sup>st</sup> Rank</b>
13	Dr. N. N. Gosai	"Dielectric Properties of GeS <sub>0.75</sub> Se <sub>0.25</sub> Single Crystals". 22/2/15	8 <sup>th</sup> National Level Science Symposium on Recent Trends in Science and Technology	Christ College, Rajkot.	National	Poster <b>2<sup>nd</sup> Rank</b>
14	Dr. N. N. Gosai	"Size Dependant Thermal Properties of	8 <sup>th</sup> National Level Science Symposium on	Christ College, Rajkot.	National	Oral <b>2<sup>nd</sup> Rank</b>

		SnSe Nanoparticles” 22/2/15	Recent Trends in Science and Technology			
15	Dr. N. N. Gosai	23/1/2015	One day seminar entitled “Frontiers in Research on New Materials”	Department of Physics, Saurashtra University, Rajkot	National	Attended
16	Dr. A. P. Goswami	“ Soil quality status of micro nutrients of fresh water reservoir Nyari – II Rajkot Gujarat. (317) 3- 8/9/2014	“Emerging Trends and Challenges in Science and Technology” (ETCST-2014)	Moutien Hotel, 54, Surawongse road, Bangkok (Thiland)	International	Poster
17	Dr.A. P. Goswami	Taxonomic account of molluscan diversity of fresh water reservoirs Aji-I and Aji-II, Rajkot district, Gujarat, India.” 7/12/14	“ Environments conservation and clean India programme.”	Academic Staff College, Kumaun University, Nainital	National	Poster
18	Ms. I.S. Budhdhdev	29 &30/09/2014	NSS Programme Officer Seminar	Saurashtra University, Rajkot Ardhana dham, Jamnagar	University Level	Attended
19	Ms. I.S. Budhdhdev	14 &15/03/2015	NSS Programme Officer Seminar	Saurashtra University, Rajkot Prakruti Dham, Junagadh	University Level	Attended
20	Dr.G.P. Mankad	22/02/2015	8 <sup>th</sup> National Sc Symp on Recent Treads in Science and Technology	Christ College, Rajkot	National	Attended
21	Ms J B Ranpara	‘Recycled Papers Made on Different Surfaces’ 8-9 /12/2014	4 <sup>th</sup> International Sci Congress Association : Global Research, Enhancement, Reforms and Commercialization	Intl Sc. Congress Association & Pacific University, Udaipur	International	Poster
22	Ms J B Ranpara	‘Study of State of Anxiety in the Under Graduate Girls Students in Relation to their Future’ 8-9 /12/2014	-As above-	-As above-	International	Poster

23	Dr. B P Khoyani	'Effects of yoga on depression and anxiety of Women' 8/2/ 2015	UGC Sponsored One Day Conference on Multidimensional aspects of Yoga	Dept of Philosophy Saurashtra University, Rajkot & DH Arts College, Rajkot	National	Oral
24	Ms N K Pandya	14-16/03/2015	Conference on The Indian Literary Constructs and Responses- Late Nineteenth and Early Twentieth Century British Literary Works	Department of English and CLS, Saurashtra University, Rajkot	International	Attended

## 2.9 Faculty members involved in curriculum restructuring / revision / syllabus development as member of Board of study / faculty / curriculum development workshop

Sr No	Name of Faculty	University	Position with Subject
1	Dr K J Ganatra	Saurashtra University	Science Faculty Member And Member of Board of Chemistry
2	Dr V V Umrania	Saurashtra University	Member of Board of Microbiology and in syllabus formation committee
3	Ms R P Panjabi	Saurashtra University	Member of Board of Biochemistry and in syllabus formation committee
4	Dr C M Rajyaguru	Saurashtra University	Member of Microbiology Syllabus formation committee
5	Dr S K Teraiya	Saurashtra University	Member of Board of Zoology
			Member in syllabus formation committee
6	Ms N R Budhdhdev	Saurashtra University	Member of Board of FN
7	Ms D M Oza	Bhavnagar University	Member of Board of HM
8	Dr V S Samani	Saurashtra University	Member of Board of Gen. HSc.
9	Ms I S Buddhev	Saurashtra University	Member of Board of Gen. HSc.
10	Ms S N Parikh	Saurashtra University	Member of Board of Gen Sc
11	Ms N K Pandya	Saurashtra University	Member of Board of English
12	Dr R D Raviya	Saurashtra University	Other than chairman in Board of Botany Member in syllabus formation committee

**Annexure 2.13 Refresher/Orientation/Training /Workshop FDP**

Sr. No	Name	Detail and Date	Name of the Training Programme	Name of the Organizing body and Place
1	Dr K J Ganatra	'Computer Basics' by IQAC & V.P. academy 7 to 17 July 2014	FDP	MVM Sc& H.Sc College Rajkot
2	Dr D M Vasavda	----As above ---	FDP	MVM Sc& H.Sc College Rajkot
3	Ms N H Parmar	----As above ---	FDP	MVM Sc& H.Sc College Rajkot
4	Dr J J Upadhyay	----As above ---	FDP	MVM Sc& H.Sc College Rajkot
5	Dr V V Umrانيا	One Day Hands on Training in 'Bioinformatics' 14th March 2015	Training	GSBTM & Hemchandracharya North Gujrat University Patan
6	Dr V V Umrانيا	'Computer Basics' by IQAC & V.P. academy 7 to 17 July 2014	FDP	MVM Sc. &H. Sc. College-Rajkot
7	Dr C M Rajyaguru	----As above ---	FDP	MVM Sc. &H.Sc. College-Rajkot
8	Dr C M Rajyaguru	Special summer school 2015,Enhancement of e learning, Grade A 25/05/2015 to 13/06/2015	Special summer school Training	UGC, HRDC, Saurashtra University, Rajkot MVM Sc. & H.Sc. Collage-Rajkot
9	Ms R P Panjabi	'Computer Basics' by IQAC & V.P. academy 7 to 17 July 2014	FDP	MVM Sc. &H.Sc. College-Rajkot
10	Dr C M Thaker	----As above ---	FDP	MVM Sc. &H.Sc. College-Rajkot
11	Dr N N Gosai	Development of Mathematical Software Skills (SCILAB) 11 <sup>th</sup> Jan 2015	FDP	DBT Sponsored Region Level Shree M N Virani Science College, Rajkot
12	Dr A P Goswami	on 'Research Methodology for Management and statistical analysis using IBM SPSS Statistics 22.0 26-5-14 to 1-6-14	5 <sup>th</sup> 7 day National Workshop	I. T. M. University Gwalior
13	Dr A P Goswami	'Computer Basics' by IQAC & V.P.academy7 to 17 July 2014	FDP	M.V.M. Sc. & H. Sc. College, Rajkot
14	Dr A P Goswami	Soil analysis for micronutrients about Soil Health Card Programme  9-11/3/15	Training	State Agricultural Management and Extension Training Institute ATMA Directorate and SAMETI Gandhinagar  CORDET, IFFCO, Kalol

15	Dr S K Teraiya	'Computer Basics' by IQAC & V.P.academy 7 to 17 July 2014	FDP	M.V.M. Sc. & H. Sc. College, Rajkot
16	Dr R D Raviya	----As above ---	FDP	M.V.M. Sc. & H. Sc. College, Rajkot
17	Ms N K Pandya	----As above ---	FDP	M.V.M. Sc. & H. Sc. College, Rajkot
18	Ms N K Pandya	Training assessors for academic & administrative audit 02-03/01/2015	Training	KCG & Christ college, Rajkot
19	Ms N R Budhhdev	'Computer Basics' by IQAC & V.P.academy 7 to 17 July 2014	FDP	M.V.M. Sc. & H. Sc. College, Rajkot
20	Ms H K Bhadaniya	----As above ---	FDP	MVM Sc. & H. Sc. College- Rajkot
21	Dr B M Vaid	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
22	Dr D J Jotangiya	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
23	Ms D M Oza	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
24	Ms J B Ranpara	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
25	Dr V S Samani	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
26	Ms I S Buddhadev	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
27	Ms N P Desai	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
28	Ms D A Joshi	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
29	Ms M K Pathak	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
30	Ms S N Parikh	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
31	Dr G P Mankad	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
32	Dr B P Khoyani	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot
33	Ms R B Rathod	----As above ---	FDP	MVM Sc. & H.Sc. College- Rajkot

### Criterion – III Research, Consultancy and Extension

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

1. Students were motivated by providing circulars and announcements from other institutes for any academic event were displayed on notice board regularly.
  2. Encouraging and guiding students to participate in Poster Oral and other presentations in Conferences, Seminar etc
  3. Arranging lectures by eminent scientists from Academia and Industry
  4. Arranging study tour to expose students to various esteemed institutes
- Here is the detailed information about student's participation in various academic activities **Annexure 3.1**

#### 3.2 Details regarding major projects.....N A .....

	Completed	Ongoing	Sanctioned	Submitted
Number	----	----	----	-----
Outlay in Rs. Lakhs	----	----	-----	-----

#### 3.3 Details regarding minor projects .....Annexure 3.3

	Completed	Ongoing	Sanctioned	Submitted
Number	<b>Nil</b>	<b>6</b>	<b>6</b>	<b>Nil</b>
Outlay in Rs. Lakhs	---	<b>Rs.7,18,000/-</b>		

#### 3.4 Details on research publications **Annexure 3.4**

	International	National	Others
Peer Review Journals	<b>10</b>	---	---
Non-Peer Review Journals	<b>01</b>	---	---
e-Journals	---	---	---
Conference proceedings	---	---	---

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

Range **1.4 to 4.33** Average **3.13** h-index **4.7** 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	Received
Major projects	-	-	-	
Minor Projects	<b>06</b>	<b>UGC</b>	<b>7,18,000/-</b>	<b>5,13,500/-</b>
Interdisciplinary Projects	-	-	-	
Industry sponsored	-	-		
Projects sponsored by the University/ College	-	-	-	
Students research projects (other than compulsory by the University)	-	-	-	
Any other(Specify)	-	-	-	
<b>Total</b>	<b>06</b>		<b>7,18,000/-</b>	<b>5,13,500/-</b>

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

**Annexure 3.7**

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from -----NA-----

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

3.9 For colleges --NA--

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

3.10 Revenue generated through consultancy

1. Soil Health Card Project Govt of Gujarat  
**Institute : 36,433/-**  
**Students (34) : 3, 49, 047/-**  
2. CCC Students: 65  
College share per student (Rs) 350/-  
Total amount (Rs) 22,750/-

3.11 No. of Conferences organized by the Institution .....Nil....

Level	International	National	State	University	College
Number					
Sponsoring agencies					

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

**11 Faculty – as per annexure 3.12**

3.13 No. of collaborations International  National **01** 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 **UGC** From Management of University/College **---**

Total **Rs. 5, 13, 500/- all detail as per Annexure 3.3**

3.16 No. of patents received this year-... Nil....

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 - **Annexure 2.5**

Total	International	National	State	University	Dist	College
<b>03</b>	--	<b>03</b> <b>(Christ College)</b>	--	---	---	----

3.18 No. of faculty from the Institution **Annexure 3.18**

**04**

who are Ph. D. Guides

**12**

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

**02**

SRF

Project Fellows

Any other

No. of students Participated in NSS events: **Annexure 3.21**

University level

**101**

State level

-

National level

-

International level

-

3.21 No. of students participated in NCC events: **Annexure 3.22**

University level

-

State level

**31**

National level

**06**

International level

-

3.22 No. of Awards won in NSS: **Annexure 3.21**

University level

-

State level

-

National level

--

International level

--

3.24 No. of Awards won in NCC: **Annexure 3.22**

University level

--

State level

**02**

National level

**02**

International level

3.25 No. of Extension activities organized

University forum

--

College forum

--

NCC

**06**

NSS

**04**

Any other

--

\

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

No	Date	Event	No. of Participants	Collaboration /Venue	Remark
1	24 to 26-7-14	District Level Three days Shibir	10	Munjka, Distric Rajkot	NSS Activity
2	22 to 24-8-14	Zonal Level Three days Shibir	05	Doliya Surendranagar	NSS Activity
3	27/8/14	Visit to a school for Teaching of skills	79 Students	Kadvi Doliya Surendranagar bai Kanya Vidyalay	Demonstration of Nutritive Dishes, Puppet Show
4	28/8/14	Visit to Aanganvaadi.	50 students of F.Y.H.Sc.(Sem.-I)	Vaishalinagar Anganvaadi No 41	Rhymes singing, Story telling
5	29/8/14	Visit- Dholara Old Age Home	Sports Students	Dholara Dist Rajkot	Counselling to aged people
6	31/8 to 3/9/14	State level Culture/Workshop	07	Kelanpur Baroda	NSS Activity
7	6/9/14	Dr. Rameshbhai Thakker	Mega Blood Donation Camp	Tarapanth Yovak Parishad, Ahmedabad	Active participation by 18 and donated by 4 student
8	25/9/14	“Swachatta Abhiyaan” Elocuation competition and oath taken for cleanliness	NCC and NSS students	MVM Sc & HSc College	Cleaning at Under bridge , nr college
9	26/9/14	--As above --	--As above --	--As above--	Inside college campus
10	27/9/14	--As above --	--As above --	--As above--	Civil Hospital
11	29/9/14	--As above --	--As above --	--As above--	'Red cross'NGO
12	30/9/14	--As above --	--As above --	--As above--	College canteen
13	18/10/14	Dr. Ritu Mehta	Dental Camp	'Muskan''	81 Dental Checkups
14	4 to 10 /1/15	Special Camp NSS	50	Rangpar,Rajkot MVM Sc & HSc College	Various activities
15	19/2/15	Visit to Perna Sankool ( the institute of mentally challenged children)	35 students visited	MVM Sc & HSc College	Counselling to them
16	19/2/15	Visit toAndh Mahila Vikas Gruh(Blind school)	35 students visited	MVM Sc & HSc College	Counselling to them

**Annexure 3.1 Student's Academic Activities [ Presentation( Oral/Poster/Model ) ]**

**Annexure 3.3 UGC Minor Research Projects**

**Annexure 3.4 Publications in Journal**

**Annexure 3.7 Books / Chapters in Book**

**Annexure 3.12 Faculty served as experts/Chairpersons or Resource persons**

**Annexure 3.18 Ph.D. guide details**

**Annexure 3.21 NSS Activity**

**Annexure 3.22 NCC Activity**

**Annexure 3.1 Student's Academic Activities [Presentation ( Oral/Poster/Model ) ]**

Date	Dept.	Name	Topic	Activity	Level	Organizer
22/2/15	Chem.	Anandi Mardiya	Crystal meth uses & abuses	Oral Presentation	National	Science Symposium-2014 Christ College, Rajkot
		Toral Sigal	Id catalyzed condensation reaction			
		Niyati Vagal Shital Ubhadiya Dipali Vyas Bhavika Javia	Essential oil & its healing effect <b>(2<sup>nd</sup> Rank)</b>	Poster Presentation		
		Kajal Jethwa Ankita Dodiya	<b>(1<sup>st</sup> Rank) A Grade</b>	'Sundar Akshar Spardha'	-	Oskar Academy
12/1/15	Gen HSc	Dipali Gotecha	Problems of HIV positive people	Poster Presentation	-	--
14/2/15	Micro.	Khushali Sadariya Ruchita Rathod	'Biofertilizers'	Poster Presentation	-	Biochemistry Dept. Saurashtra University, Rajkot
		Pari Rajani Neha Vidja	'ELISA'			
22/2/15		Cristal Bambhaniya Shradhdha Dedhi Mira Balasara	'NMR-A powerful analytical tool' <b>(2<sup>nd</sup> Rank)</b>		National	Science Symposium-2014 Christ College, Rajkot
		Priyanka Dangar Trupti Chudasama Ekta Jetani	'Mendelian Genetics'			
28/2/15		Ruta Limbasiya Jemina Mardiya	'Isolation & Identification of Selenium nanoparticles producing Bacteria'			
		Hiral Dalsadiya Kinjal Kadivar	'Green synthesis of silver nanoparticles'			
		Maulika Sitapara Jinkal Viramgama	'Microbiological analysis of water from different localities of Rajkot city'			
22/2/15	Physics	Anjali Jadeja Foram Rajvir	'Biological Application of ZnO Nano Particles'	Poster Presentation	National	Science Symposium-2014 Christ College, Rajkot
		Vrutashri Pandya Shruti Govidiya	'Non Newtonian Fluids & Its Applications'			
		Rutvi Merja	Non Conventional Energy Source – Sea Water			

			<b>(2<sup>nd</sup> Rank)</b>			
		Mansi Vadhela	Lion- Claws			
		Falguni Solanki	Poultry Farming: New Technique			
		Vasvoliya Hema	Whisten Bridge as a sensor	Oral Presentati on		
23/1/15		Monika Barasara Radhika Gangiya Vaishali Desai Shruti Govingiya	Quiz participation	Quiz Competiti on	National Level – Work shop	Physics Dept. Saurashtra University, Rajkot
5 & 6 Jan. 2015	Soil Testing Lab	42 students participated in workshop	Soil analysis workshop for Major, Secondary and Micronutrients	Training programm e	-	Soil analysis Laboratory, Shri M.V.M. Sc. & H. Sc. College Rajkot
22/2/15	Soil	Ruchita Delvadiya Falguni Delvadiya Rimpal Bhungani Sweta Bhimani	“Status of Major, Secondary and Micronutrients present in the soil of Vijaynagar Village, Rajkot.”	Poster Presentati on	National	Science symposium-2014 Christ College, Rajkot

### Annexure 3.3 UGC Minor Research Projects

Sr No	Principal Investigator - Dept	Title	Agency	Duration/ Submitted/ Ongoing	Sanctioned / Received Amount (Rs.)
1	Dr. Veena S. Samani	Nutritional & Health Status of Children going to Anganwadi (I.C.D.S.)	U.G.C. Ref. No. 47-1828/11 (WRO) Dt: 11-01-2012	2 Years Submitted on 30-7-14	75,000/- 60,500/-
2	Dr. Gira P. Mankad	A Study of Anaemic Status of Women in Rajkot and Awareness Initiatives Regarding Contributing Factors to Anaemia.	UGC Ref. No. 47-1832/11(WRO) Dt: 11-01-2012	2 Years Submitted on 4-5-14	1,30,000/- 87,500/-
3	Dr. Valentina V. Umrania	'Screening And Development Of Potent Strains For POP Degradation Form Native Contaminated Soil'	UGC Ref no. 47-122/11(WRO) Dt: 08-03-2012	2 Years Submitted on 31-3-2014	2,00,000/- 1,55,000/-
4	Dr Daxa J. Jotangiya	'Health And Nutritional Status Of Pregnant And Nursing Mother Visiting As Beneficiaries Of Anganwadi'	UGC Ref. No. 47-052/12 (WRO) Dt: 04-02-2013	2 Years Ongoing	1,30,000/- 83,000/-
5	Ms. Hina K. Bhadaniya	'Effectiveness Of Health Improvement Programme For Obesity In Rajkot City'	U.G.C. Ref. No. : 47-053/12 (WRO) Dt:20-02-2013	2 Years Submitted 13-2-15	98,000/- 63,000/-
6	Ms. Nila K Pandya	'Myths and Archetypes in the Writings of Hermann Hesse'	UGC Ref. No. 32-3133/11 (WRO) Dt:19-04-2012	2 Years Ongoing	85,000/- 65,000/-



**Criterion -III 3.4 Publications in Journal**

Sr. No	Name	Title with page nos.	Journal	ISSN No./ Impact Factor	International/ National
1	Dr V V Umrania	Introduction To QTL Mapping In Plants Pg No. 1072-1079	Open Access Annals of Plant Sciences Vol 4, No 04 (2015)	2287-688X Peer Reviewed I F 4.4	International
2	Dr V V Umrania	In vitro antagonism between phytopathogenic fungi Sclerotium rolfsii and Trichoderma species, Plant phytology Pg No. 16-19	International Journal of Applied Sciences and Biotechnology Vol 3, No 1 (2015)	Peer Reviewed I F 1.4	International
3	Dr V V Umrania	Development of SCAR marker for Specific Detection of Trichoderma harzanium and Trichoderma viridae Pg No.45-49	American Journal of Microbiological Research, 2015, Vol. 3, No. 1, <a href="http://pubs.sciepub.com/ajmr/3/1/7">http://pubs.sciepub.com/ajmr/3/1/7</a> © Science and Education Publishing DOI:10.12691/ajmr-3-1-7	ISSN (Print): 2328-4129 ISSN (Online): 2328-4137 Peer Reviewed	International
4	Dr V V Umrania	“Current drugs and drug targets in non-small cell lung cancer: limitations and opportunities”. Pg No.4147-56.	Asian Pac J Cancer Prev. 2015;16 (10):41 Asian Pacific journal of cancer prevention: APJCP (Asian Pac J Cancer P)	RG Journal I Factor 2.39 Peer Reviewed	International
5	Dr. S K Teriya	‘Studies on Change of Sodium, Potassium and Calcium in White muscles and red muscles of two species of fishes of Jodia coast in Gulf of Kutch’ Pg No 1028-34	International Journal of Advance Research	ISSN 2320-5407 I F 4.336	International
6	Ms H K Bhadaniya	Effectiveness of health improvement programme for obesity – A cross sectional Study. Pg No. 55-57	Refereed Research Journal “ International Journal Of Medical Sciences” [IJMS] Vol-7 Issue 1&2, April & October-2014,	ISSN 0974-2654, NAAS Rating 3.20 Peer Reviewed	International
7	Dr D J Jotangia	Health And Nutritional Status Of Nursing Mother Visiting As Beneficiaries Of Anganwadi. Pg No.33-37	Refereed Research Journal “ International Journal Of Medical Sciences”[IJMS] Vol-7 Issue 1&2,	ISSN 0974-2654, NAAS Rating 3.20 Peer	International

			April & October- 2014	Reviewed	
8	Dr. N N Gosai	Structural, Optical and Dielectric Properties of Tin Selenide Nanoparticles Prepared by Aqueous Solution Method.  Pg No. 757 – 762.	Intl Journl of Emerging Technology and Advanced Engineering, Vol 4, Issue 9, (2014),	ISSN 2250- 2459 Peer Reviewed	International
9	Dr. N N Gosai	Structural, Optical and Dielectric Properties of Tin Selenide Nanoparticles Doped by Copper by Aqueous Solution Method  Pg No. 1 – 5.	Research Journal of Chemical Sciences, Vol 3, No. 5, March (2015)	ISSN 2231- 606X Peer Reviewed	International
10	Dr. N N Gosai	Growth and application of GeSeFe <sub>0.02</sub> Single Crystal as Photo electrochemical (PEC) Solar Cell.  Pg No. 178 – 183	International Journal of Emerging Technology and Advanced Engineering, Vol 5, Issue 4, April (2015)	ISSN 2250- 2459 Peer Reviewed	International
11	Dr. N N Gosai	Structural and Thermal Properties of Iron Doped SnSe Nanoparticles  Pg No. 142-145	International Journal of Emerging Technology and Advanced Engineering, Vol 5, Issue 4, April (2015)	ISSN 2250-2459	International

**Criterion III 3.7 Books Published by Staff - with /without ISBN 20 14-15**

<b>Sr. No.</b>	<b>Author</b>	<b>Title</b>	<b>Publishers</b>	<b>ISBN No.</b>
1	Dr. D M Vasavada	Chemistry Paper 401	Bharat Prakashan	978-93-84910-11-2
2	Dr. D M Vasavada	Chemistry Paper 501	Bharat Prakashan	978-93-5236-007-9
3	Dr. S K Teraiya	Essential Zoology – III	Bharat Publication	978-93-81786-11-6
4	Dr. S K Teraiya	Applied Zoology – IV	Bharat Publication	978-93-84910-14-3
5	Dr. R D Raviya	Applied Botany -2	Bharat Publication	978-93-84910-18-1
6	Dr. D J Jotangiya	Nutrition during life cycle	Sau Uni Rajkot,	978-93-5235-164-0
7	Ms. M K Pathak	Apparel Making & Fashion Designing	Vasuki Publisher Rajkot	978-93-5174-070-4
8	Dr. G P Mankad	“Microbiology ane khaadya vignan ma teni agatyata”	Prakaashan Vibhag, Sau Uni,Rajkot	-----
9	Dr. V S Samani	“Textile Process”	University Granth Nirman D.K Production	978-93-5235-165-7
10	Ms. R P Panjabi	Microbiology Sem I	Bharat Prakashan	978-93-81786-14-7

**Annexure 3.12 Invited Talk as Expert / Chairperson /Resource person /Judge / Coordinator –  
Co editor**

<b>Sr. No</b>	<b>Name of Faculty</b>	<b>Expert / Invited lecture – Judge Coordinator</b>	<b>Date</b>	<b>Title / Detail</b>	<b>Name of the Organizing body and Place</b>
1	Dr. D. M. Vasavada	Subject Expert	18/3/15	Interview of Assistant Prof. in Chemistry	Sarvoday College, Rajkot
2	Dr J J Upadhyay	As Judge in Poster and Oral Presentation	22/2/15	8th National Level Symposium 2015 on Recent Trends in Science & Technology	Christ College, Rajkot
3	N. H. Parmar	Subject Expert	18/3/15	Interview of Assistant Prof. in Chemistry	Sarvoday College, Rajkot
4	Dr V V Umrانيا	Judge in Poster In Bioinformatics	22/2/15	8 <sup>th</sup> National Sc Symp 2015 on Recent Trends in Science & Technology	Christ College, Rajkot
5	Dr V V Umrانيا	Judge in Poster presentation in PG Category	28/2/15	DBT & GSBTM Supported One Day National Seminar on “Widening Horizons of Microbiology”	M. & N. Virani College (Autonomous),Rajkot  National
6	Dr V V Umrانيا	Subject Expert for UG Interview	29/3/15	UG Lecturer/Assistant Prof.	Ms. S.V. Patel (Gardi) B.Ed. College Shri Saraswati Education & Charitable Nyara Trust Rajkot
7	Dr V V Umrانيا	Subject Expert for UG Interview	5/4/15	Interview of Assistant Prof. in Microbiology	Sarvoday College of Science and Technology, Rajkot
8	Dr C M Rajyaguru	Judge in Poser presentation Microbiology	22/2/15	8 <sup>th</sup> National Level Sci Symp 2015 on Recent Trends in Science & Technology	Christ College, Rajkot
9	Dr C M Rajyaguru	Invited lectures	Feb 2015	Invited lectures on Antimicrobial Agents, Chemotherapy	Biotechnology Department, Saurashtra University, Rajkot
10	Dr C M Thaker	Chairperson	4-5/9/14	-----	National Level Workshop at Dept of Physics, Saurashtra Uni Rajkot
11	Dr C M Thaker	Judge	23/1/15	-----	‘Research on new materials-One Day Seminar Dept of Physics, Saurashtra Uni

					Rajkot
12	Dr C M Thaker	Subject Expert	31/3/15	-----	State level Workshop, Atmiya College Rajkot
13	Dr A P Goswami	Expert in Training programme	5- 6/1/15	Soil analysis workshop for Major Secondary and Micronutrients	Soil analysis Laboratory, Shri M.V.M. Sc. & H. Sc. College Rajkot 42 students participated
14	Dr A P Goswami	Judge in Poster	22/2/15	8th National Level Symposium 2015 on Recent Trends in Science & Technology	Christ College, Rajkot
15	Dr A P Goswami	Joint Organizing Secretary	3-8/11/14	'Emerging Trends and Challenges in Science and Technology'	Bangkok Thailand
16	Dr B M Vaid	Resource Person	3/8/14	On Line course on " Health Enriching Food and Nutrition"	BISAG Studio recording for Dr Babasaheb Ambedkar Uni .
17	Dr V S Samani	Sandhan Lecture	07-08-2014	Tools of Sewing & Cutting	BISAG Gandhinager,
18	Dr V S Samani	Resource person	Knowledge Consortium of Gujarat Department of Higher Education Government of Gujrat, 22,23,24-08-2014	Three Days Workshop on Promotion of Culture of Quality through Research' "Minor research proposal Training "	V.M.Mehta Panchvati College, Jamnagar, Saurashtra University
19	Dr G P Mankad	Coordinator	30/1/15	Mahatma Gandhi Swachhta Abhiyaan	MVM Sc & HSc College Rajkot
20	Dr G P Mankad	Judge in Poster Biochemistry	22/2/15	8 <sup>th</sup> National Level Symposium 2015 on Recent Trends in Science & Technology	Christ College, Rajkot
21	Dr B P Khoyani	Selection Committee Member	For Year 2014-15	Selection Committee Member of Handball, Basketball, Volleyball, Cricket, Hockey organize by Saurashtra University.	At Various Sports Dept Saurashtra Uni, Rajkot
22	Dr B P Khoyani	Observer member	17/9/14	Observer member of Kabbadi	At Various Sports Dept Saurashtra Uni, Rajkot

				(Women)	
23	Dr B P Khoyani	Expert	23/12/14	Ph. D Title Clear for Physical Education	Hemchandracharya North Gujarat University, Patan

## Annexure 3.18 Ph D Guides and Students

Sr. No Ph.D. Guide	Name of the Student	Registratio n No. with date	Title	Thesis submitted / Ongoing
1 Dr J J Upadhyaya PG/PhD/1217/ 2007 Dt.13/07/2007	1. Trivedi Milan R.	3686, 31-7-2007	Synthesis, Evaluation and Characterization of anticancer property of some bioactive compounds with emphasis on study of evolution of cancer.	Completed PG/B/Ph.D./2209/ 2010 Dt 12/11/2010
	2. Chavda Mukesh M	3701, 11-9-2007	Synthesis, Characterization and anti-bacterial activity of organic molecules	Completed PG/B/Ph.D./1659/ 2011 Dt 23/6/2011
	3. Kalariya Rushit I	3687, 31-7-2007	Studies and biological evaluation of novel Hetero cycles compounds	Completed PG/B/Ph.D./2594/ 2012 (09/10/12)
	4. Danger Yogesh N.	4287, 1-1-2011	“Studies on some organic compound and ionic liquid as possible WER	Ongoing
	5. Ajudiya Yogesh M	4565, 1-1-2012	“Studies and biological evolution of some heterocyclic compounds of medical interest”	Ongoing
	6 . Makwana Sheetal H	5090, 1-1-2013	“Studies on chromatographic profile of some pharmaceutical compounds”	Ongoing
	7. Kanzariya Jayendra S.	5105, 1-1-2013	Synthesis, Characterization & Biological evaluation of some heterocyclic molecules	Ongoing
	8. Vala Hitesh B.	14185/1-2- 2014	“Studies on some compounds of medicinal interest”	Ongoing
	9 . Vaghasiya Arun V	14186/1-2- 2014	“Studies on some Heterocyclic compounds of medicinal interest & synthesis characterization and antimicrobial activity of nitrogen oxygen containing Hetero cycles”	Ongoing
	10. Trivedi Prachi A	14187, 1-2-2014	“Synthesis Characterization and biological evaluation of Heterocyclic moieties”	Ongoing
	11. Karangiya Krushnakumar L	14188, 1-2-2014	“Synthesis Characterization and biological screening of some Heterocyclic compound”	Ongoing
2 Dr V V Umrana  PG/PhD/1248/ 05 Dt. 16/11/2005	1. John George	3695, 31-7-07	Novel Drug Target Identification and Rational Drugs Designing for Some Selected Human Pathogens," Saurashtra Uni, Rajkot	Completed PG/B/PhD/787/ 2014.Dt 27/3/14
	2. Hina Parmar	3696 , 31-7-07	“Studies of Molecular Markers in Selected <i>Trichoderma</i> species and their Interaction with <i>Sclerotium rolfsii</i> ” , Saurashtra Uni, Rajkot.	Thesis submitted 8/5/2014 PGTR/3/PhD/3415/ 2014 Dt 16/12/2014

	3. Aditi Mundra	4097, 28-2-09	"In-Silico Analysis of Cancer and Cancer Drug targets", Saurashtra Uni, Rajkot.	Ongoing
	4. Dhaval Parmar	556, 24-1-13	"The study for monitoring antimicrobial resistance trends (SMART) and infection control measures to reduce multi drug resistant organisms", Saurashtra Uni, Rajkot.	Ongoing
	5. Vikram Shetty	558, 24-1-13	"Coral Associated Microbial Diversity and their Antimicrobial Activity study from Gujarat Coast.", Saurashtra Uni, Rajkot.	Ongoing
	6. Jaimin Jadav	571, 16-1-13	"Development of nanobiosensor for early detection of potassium (K <sup>+</sup> ) deficiency in groundnut ( <i>Arachis hypogea</i> L)", Saurashtra Uni, Rajkot.	Ongoing
	7. Anand Buch	557, 24-1-13	The Study on prevalence of hospital acquired pneumonia in tertiary care hospitals, their antimicrobial patterns and preventive measures.", Saurashtra Uni, Rajkot.	Ongoing
3. Dr K J Ganatra	PG/PhD/483/06 Dt. 26/06/2006			
4 Dr A P Goswami	PG/PhD/3143/2012 Dt. 20/12/2012			



### Annexure 3.21 NSS- National Service Scheme

(Student Registered 101)

Sr No	Date	Activity	Place	No of participant	Level
1.	14/7/14	Registration and Orientation	MVM Sc & HSc College	101	Local
2	7/8/14	Tree Plantation	“	“	
		Plastic Free Campus	“	“	
		Shram Yagna	“	“	
3	24 to 26/7/14	District Level Three days Shibir	Munjka, District Rajkot	10	
4	22 to 24/8/14	Zonal Level Three days Shibir	Doliya, Surendranagar	05	Zonal
		Rangoli - 1 , Disha Mungra 1st Rank	“		
		Dance , Drama , Prayer Shram Yagna, Baudhik vyakhyaan	“		
		Drawing Competition, Aasha Boda 2nd Rank	“		
7	31/8-14 to 3/9/14	State Level Culture Workshop	Kelanpur, Baroda	7	
8	<b>Sp. Camp 50-students</b> 4/1/15 to 10/1/15	Safai, Prabhatferi, Filmshow, Garba,	Rangpar, Rajkot District	50	Local
		Antakshari, Health Checkup Camp, Bhajan, Educational Drama, Puppet show, AIDS	50	“	
		Poster Exhibition Colour of tree		“	
		Vanagi (Receipe) Competition, Anganwadi Visit		“	
		Games Competition, Slogan Writing on Wall		“	

### Annexure 3.22 NCC (National Cadets Corps)

**Total Allotted Strength** --- 105 (Every Year)

**PARADE** ---- One Parade in a week---4 hours (6-period)

#### No. of Cadets Given Examination

Year	'B' Certificate		'C' Certificate	
	appeared	passed	appeared	passed
2014-2015	32	30	06	06

#### Important Camps

Year	Name of camp	Place	Name of cadet
2014-2015	NIC	Bhilai	Zalavadiya Foram, Vasveliya Heta, Mand Mayuri, Kanpara Arti, Chotaliya Bina, Jadav Khushbu

#### Details of Camps 2014-15

	ATC	NIC	TSC	RDC	AAC	Other camp	Total cadets participated in camp
No. of camp	2	1	2	10	6		51
Total No.of cdt	31	6	6	2	6		
Camp Place	Khamata	Bhilai	Junagadh	Jamnagar	Surendr-anagar		

**ATC- Annual Training Camp**  
**SSB- Short Service Board**

**NIC- National Integration Camp**  
**RDC- Republic Day Camp**

**TSC- Thal Sena Camp**  
**AAC- Army Attachment Camp**

**Other Activities in NCC**

1. Rally—Save girl child, Vyasana –mukti ( Deaddiction), Aids
2. Tree plantation
3. Cultural activities in camps
4. Income generating for village people
5. Yoga training
6. Blood Donation

**NCC Awards 2014-15**

<b>Sr. No.</b>	<b>Camp</b>	<b>Place</b>	<b>Participated</b>	<b>Level</b>	<b>Awards</b>	<b>Achievements</b>
1	Annual Training Camp	<b>Khamata</b>	30	State	Trophy	First in group dance First in drill
2	National Integration Camp	<b><u>Bhilai</u></b> <b><u>(Chhatisgrah)</u></b>	06	1- National	Trophy	Third in group dance
				2- National	Silver medal	Second in essay competitions

## Criterion – IV Infrastructure and Learning Resources

### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	<b>6.8 Acres</b>	<b>Nil</b>	<b>NA</b>	<b>6.8 Acre</b>
Class rooms	<b>09</b>	<b>Nil</b>	<b>NA</b>	<b>09</b>
Laboratories	<b>12</b>	<b>Nil</b>	<b>NA</b>	<b>12</b>
Seminar Halls	<b>01</b>	<b>Nil</b>	<b>NA</b>	<b>01</b>
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	<b>04</b>	<b>Nil</b>	<b>UGC</b>	<b>04</b>
Value of the equipment purchased during the year (Rs. in Lakhs)	<b>10,32,844/-</b>	<b>6,78,082/-</b>	<b>UGC</b>	<b>17,10,926/-</b>
Others	----	-----	-----	----

### 4.2 Computerization of administration and library

Necessary computerization had been made especially for admission process, examination related work, faculty and students' activities, salary, purchase, stock etc.

All journals and books are listed in computer. Internet surfing facilities for reference book, e-journals, e-books etc made available. Library has subscribed INFLIBNET

### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	<b>1355</b>	<b>72,534/-</b>	---	<b>72,534/-</b>	---	<b>72,534/-</b>
Reference Books	<b>5312</b>	<b>8,35,538</b>	<b>537</b>	<b>1,40,714</b>	<b>5849</b>	<b>9,76,252/-</b>
		<b>/-</b>		<b>/-</b>		<b>-</b>
e-Books	<b>87</b>	<b>2175//-</b>	<b>2</b>	<b>3350/-</b>	<b>89</b>	<b>5,525/-</b>
Journals	<b>12</b>	<b>11345/-</b>	----	----	<b>12</b>	<b>11,345/-</b>
e-Journals	<b>N-List</b>	----	---	---	----	----
Digital Database	---	---	----	---	----	----
CD & Video	----	----	----	----	----	----
Others (specify)CCDC	<b>20</b>	<b>3,099/-</b>	<b>135</b>	<b>22,368/-</b>	<b>155</b>	<b>25,467/-</b>

## 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	<b>47</b>	<b>02</b> ( <b>17 computer</b> )	Broadband	<b>12</b>	<b>01</b>	<b>06</b>	<b>08</b>	<b>04</b>
Added	-----	-----	-----	-----	-----	-----	---	----
Total	<b>47</b>	<b>02</b>	Broadband	<b>12</b>	<b>01</b>	<b>06</b>	<b>08</b>	<b>04</b>

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

The progress of the student is monitored as a result of class test / internal test and suggestion for improvement are given by concerned teacher in detail.

## 4.6 Amount spent on maintenance in lakhs :

i) ICT

**88,426/-**

ii) Campus Infrastructure and facilities

**2, 68, 156/-**

iii) Equipments

**3,050/-**

iv) Others

**94,222/-****Total:****4, 53,854/-**

## Criterion – V Student Support and Progression

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

1. A workshop on awareness about legal rights of women and their responsibility as committed citizen was organised.
2. Implementation of government programmes towards responsible citizenship: Celebration of Gyan Saptaah, Guruvandana celebration, Mahatma Gandhi Swachchata Abhiyan
3. Entrepreneurship experience was provided to students through Funfair and Exhibition cum Sale.
4. Guidance to students for Poster, Oral / Model Science cartoon etc type of active participation in conferences, seminars.
5. Thalassaemia detection Camp in collaboration with International NGO LIFE.
6. Dental check up camp organized by Dr. Ritu Mehta.

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

The progress of the students is tracked by taking surprise class test by few departments and results are discussed for the improvement. Internal test and assignment are taken for further up gradation of the student.

### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
<b>634</b>	Nil	Nil	Nil

### (c) No. of international students

Nil

### (b) No. of students outside the state

Nil

Men	No	%	Women	No	%
	Nil				

Last Year 2013-14						This Year 2014-15					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged /Minority	Total
<b>408</b>	<b>30</b>	<b>05</b>	<b>176</b>	<b>10</b>	<b>629</b>	<b>486</b>	<b>17</b>	<b>02</b>	<b>112</b>	<b>17</b>	<b>634</b>

Demand ratio

Dropout %

### 5.4 Details of student support mechanism for coaching for competitive examinations (If any) **Ann.5.4**

- Coaching for CCC Exam in two batches 18 and 47 students appeared
- Seminar on Overseas studies and carrier opportunities by VIEC ( Viv's International Education Centre) Malhar Patel and Rachna Talsania explained about admission and scholarship schemes in foreign universities.

No. of students beneficiaries

65

5.5 No. of students qualified in these examinations

NET	Nil	SET/SLET	Nil	GATE	Nil	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	Others	As given below

5.6 Details of student counselling and career guidance

- Saurashtra University Competitive Exam Awareness Test (SUCEAT)---- 128 Students
- Course on Computer Concepts(CCC) ----- 65 Students
- Gujarat State Biotech Mission - Crash Workshop for National level competitive exams, Microbiology students attended.

No. of students benefitted

193

5.7 Details of campus placement ...N A...

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

5.8 Details of **gender sensitization** programmes

No	Date	Event	No of participants	Collaboration /Expert	Remark
1	30/7/14 to 5/8/14	Self Defence – Basic Karate Camp	102	Mr. Jitendra Maru ( Karate Black belt)	To empower women ( after Nirbhaya rape case)
2	4,6,8/8/14	‘Awareness for laws for Women’ - 3 days lecture series	All students and staff	Dr Gora N Trivedi	
3	09-09-14	Thalassamia Awareness & Test Camp	200	Life International NGO, Rajkot	Health awareness
4	17-10-14	Thalassamia Counselling specially to 12	12	Life International NGO, Rajkot	Minor thalassemia students
5	Dec 2014	Rally for the safety of women(Mahila suraksha)	All Students	Rajkot Municipal Corporation	To sensitize society (after Nirbhaya rape case, Delhi)

5.9 Students Activities

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

79

14

Nil

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 Rs.
Financial support from institution	Nil	Nil
Financial support from government	125	3,35,350/-
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

#### 5.11 Student organised / initiatives

Fairs : State/ University level       National level       International level

Exhibition: State/ University level       National level       International level

5.12 No. of **social initiatives** undertaken by the students

No	Date	Event	No. of Participants	Collaboration /Venue	Remark
1	27/8/14	Visit to a school for Teaching of skills	79 Students	Kadvibai Kanya Vidyalay	Demonstration of Nutritive Dishes, Puppet Show
2	28/8/14	Visit to Aanganvaadi.	50 students of F.Y.H.Sc.(Sem.-I)	Vaishalinagar Anganvaadi No 41	Rhymes singing, Story telling
3	29/8/14	Visit- Dholara Old Age Home	Sports Students	Dholara Dist Rajkot	Counselling to aged people

5.13 Major grievances of students (if any) redressed: Disputes among students were solved by concern faculties.

#### **Annexure 5.4 CCDC Activities Report**

**Annexure 5.9.1(a) Sports Activity Department of Physical Education**

**Annexure 5.9.1(b) Report of Cultural Activity Youth Festival**



### Annexure 5.4 CCDC Activities Report

No.	Details of The Event	Resource Person	No. of Student Participants
1	Certificate Course in Computer Concepts, a 45 days programme for generating computer skills 18 student 31/7/14 47 students 29/12/14	Experts from VP Academy, Rajkot	65
2	The Career Counseling and Development Center (CCDC) of Saurashtra University, Rajkot, organized SUCEAT (Saurashtra University Competitive Awareness Test), a test meant to create awareness among students about the competitive tests. 24/9/2014	Counseling provided by college faculties regarding preparation	188
3	Seminar on Career awareness: Pursuing career abroad was organised for all students. 26/2/15	Mr. Malhar Ardesna And Rachna Talsania from VIEC, Rajkot	All students
4	Online registration of students facilitated by CCDC, Saurashtra University intended to create databank of job seekers and their areas of interest for career. April to May 2015	Counselling provided by college faculties	All final year students

**Annexure 5.9.1(a) Sports Activity Department of Physical Education**

<b>Inter College Tournament</b>						
<b>Name Of Game</b>	<b>Partici. Stud.</b>	<b>Event Date &amp; Day</b>	<b>Venue</b>	<b>Winners</b>	<b>Medal / Shield</b>	<b>Remark</b>
Chess	02	04-08-2014 Monday	Jasani Arts & Commerce College, Rajkot	---	---	---
Cross Country	02	13-08-2014 Wednesday	Shri H. M. V. Arts & Commerce College, Delwada road, Una.	4 <sup>th</sup>	---	---
Kabbadi	02	17-09-2014 Wednesday	P. S. Hirpara Mahila Arts & Commerce College, Jetpur.	---	---	---
Handball	12	02-09-2014 Tuesday	Shri G. H. Gosarani College, Jamnagar.	---	---	---
Basketball	13	07-09-2014 Sunday	M.V.M. Arts, Comm., manag., & I.T. College, Rajkot.	---	---	---
Hockey	01	12-09-2014 Friday	Dept. of Phy. Edu. Saurashtra University, Rajkot.	---	---	---
Wrestling	03	13-09-2014 Saturday	Dept. of Phy. Edu. Saurashtra University, Rajkot.	2 <sup>nd</sup>	---	---
Judo	02	21-09-2014 Sunday	M.V.M. Arts, Comm., manag., & I.T. College, Rajkot.	1 <sup>st</sup>	---	---
				3 <sup>rd</sup>	---	---
Softball	16	23-09-2014 Tuesday	Dept. of Phy. Edu. Saurashtra University, Rajkot.	---	---	---
Cricket	18	01-10-2014 Wednesday	Dept. of Phy. Edu. Saurashtra University, Rajkot.	---	---	---
Athletics	01	10-12-2014 Wednesday	Dept. of Phy. Edu. Saurashtra University, Rajkot.	1 <sup>st</sup>	---	---
<b>45<sup>th</sup> State Fencing Championship</b>						
Fencing	07	21-12-2014 Sunday	Dept. of Youth & Cultural activity & School games federation (S. A. G.) gandhinagar.	Runners- up	---	7 Point
<b>Self defence Karate Camp</b>						
Karate Camp	102	20-07-2014 to 05-08-2014	M.V.M. Science & Home Science Ground, Rajkot.	---	---	7 days
<b>Gramin Olympic</b>						
Garmin Olympic	01	28-08-2014 Tuesday	Organise by Gram Panchayat, Tarnetar.	2 <sup>nd</sup>	Medal	400 mt
				3 <sup>rd</sup>	Medal	3000 mt
<b>West Zone Athletics Competition</b>						
Athletics	01	20-09-2014 Sunday	Sports Authority of Gujarat, Nadiad.	1 <sup>st</sup>	Medal	2000 mt
				1 <sup>st</sup>	Medal	Steeple chase

### Inter University and National Records

Sr.	Name of the Student	Game	Performance	Remark	
01	Gohel Manisha Hemantbhai	Cross country	Inter University	---	
02	Khachar Anjali jorubhai	Handball	Inter University	---	
03	Dodia Priti Jagdishbhai	Basketball	Inter University	---	
04	Tala Gopi Ashwinbhai	Softball	Inter University	---	
05	Sanghani Parita Kurjibhai	Softball	Inter University	---	
06	Gohel Manisha Hemantbhai	Athletics	Inter University	---	
07	Dobariya Dhatri Keshavjibhai	Cricket	Inter University	---	
08	Kiyada Nirali Babubhai	Cricket	Inter University	---	
09	Sankaliya Mira Kalubhai	Judo	Inter University	---	
10	Savaliya Jhanvi Ratilal	Fencing	National	---	
11	Bhimani Krishna Babubhai	Fencing	National	---	
12	Ghadiya Reena Bharatbhai	Fencing	National	---	
13	Gajera Radhika Pravinbhai	Fencing	National	---	
14	Vasoya Jinal Bharatbhai	Fencing	National	---	
<b>45<sup>th</sup> State Fencing Championship 2014-15</b>					
<b>Runners-up</b>					
Sr.	Name of the Student	Class	Rank	Medal	Point
01	Sanghani Parita Kurjibhai	T. Y. B.Sc. H. Sc.	1 <sup>st</sup>	Gold Medal	05
02	Savaliya Jhanvi Ratilal	S. Y. B.Sc.	2 <sup>nd</sup>	Silver Medal	03
03	Bhimani Krishna Babubhai	S. Y. B.Sc.	2 <sup>nd</sup>	Silver Medal	03
04	Ghadiya Reena Bharatbhai	S. Y. B.Sc.	2 <sup>nd</sup>	Silver Medal	03
05	Gajera Radhika Pravinbhai	S. Y. B.Sc.	2 <sup>nd</sup>	Silver Medal	03
06	Vasoya Jinal Bharatbhai	T. Y. B.Sc. H. Sc.	2 <sup>nd</sup>	Silver Medal	03
07	Desai Avani Kishorbhai	S. Y. B.Sc.	2 <sup>nd</sup>	Silver Medal	03
				<b>Total Points</b>	<b>23</b>

Sports 2014-15



### Annexure 5.9.1(b) Report of Cultural Activity Youth Festival

45<sup>th</sup> Youth Festival was organized at Saurashtra University from 4<sup>th</sup> to 6<sup>th</sup> October 2014 at Saurashtra University campus. 46 students from our college participated in 15 different competitions in Sahitya, Kala and Sanskrutik categories.

Sr. No.	Competition	Name of Student	Class
<b>Saahitya Vibhaag (Literature section )</b>			
1	Elocution competition	Ms. Anjaliba Jadeja	S.Y.B.Sc. (Sem.-III)
2	Quiz	Ms. Shruti Govindiya	S.Y.B.Sc. (Sem.-III)
		Ms. Falguni Solanki	
		Ms. Nirali Javiya	T.Y.B.Sc. (Sem.-V)
3	Paad purti	Ms. Bhoomi Pathak	T.Y.H.Sc. (Sem.-V)
<b>Kalaa Vibhaag ( Art section)</b>			
4	Rangoli	Ms. Avani Limbasiya	F.Y.B.Sc.(Sem.- I)
5	પિત્તલ	Ms. Monali Ajani	S.Y.H.Sc. (Sem.-III)
6	Cartooning	Ms. Bhautika Jethwa	T.Y.H.Sc. (Sem.-V)
7	Poster Making	Ms. Mital Nayakpara	T.Y.H.Sc. (Sem.-V)
8	Creative handy craft	Ms. Daisy Doshi	S.Y.H.Sc. (Sem.-III)
9	Hastakala Hobby (Second Rank)	Ms. Anjana Nimavat	F.Y.H.Sc.(Sem.- I)
<b>Sanskrutik vibhaag( Cultural Section)</b>			
10	Light vocal solo singing	Ms. Niyati Vegal	T.Y.B.Sc. (Sem.-V)
11	Bhajan-Religious song	Ms. Heta Vasveliya	S.Y.B.Sc. (Sem.-III)
12	Mime (Third Rank)	Ms. Rutvi Meraja	T.Y.B.Sc. (Sem.-V)
		Ms. Disha Zanakat	
		Ms. Chandni Jadav	
		Ms. Jasavanti Bhimani	
		Ms. Alpa Parmar	
		Ms. Dhara Ghatodiya	S.Y.B.Sc. (Sem.-III)
13	Skit ( Laghu Natak) (Second Rank)	Ms. Heta Vasveliya	S.Y.B.Sc. (Sem.-III)
		Ms. Dhatri Jani	T.Y.B.Sc. (Sem.-V)
		Ms. Dhara Ghatodiya	
		Ms. Jasavanti Bhimani	
		Ms. Chandni Jadav	
		Ms. Rachna Bhadaliya	
14	Group Dance (Second Rank)	Ms. Disha Mungra	T.Y.H.Sc. (Sem.-V)
		Ms. Jinal Vasoya	
		Ms. Parita Sangani	
		Ms. Dipali Gotecha	
		Ms. Ritu Rajyaguru	
		Ms. Udit Santoki	F.Y.B.Sc.(Sem.- I)
		Ms. Bhakti Santoki	S.Y.H.Sc. (Sem.-III)
		Ms. Devayani Ardesana	
		Ms. Hetvi Bhalodiya	
		Ms. Kavita Chotaliya	
		Ms. Ridhhiba Jadeja	
		Ms. Jinal Kothari	
		Ms. Niyati Vegal	T.Y.B.Sc. (Sem.-V)
15	Traditional Folk Raas	Ms. Dipali Vyas	T.Y.B.Sc. (Sem.-V)

		Ms. Khushbu Dadhaniya	
		Ms. Shruti Vekariya	
		Ms. Purvi Gondaliya	
		Ms.Mital Detroja	
		Ms. Bindiya Vanja	S.Y.B.Sc. (Sem.-III)
		Ms. Vidhi Dokiya	F.Y.B.Sc.(Sem.- I)
		Ms. Dhara Movaliya	
		Ms. Formi Rojivadiya	
		Ms. Arati Vansajaliya	
		Ms. Monika Barasara	
		Ms. Bhakti Rank	

### College Level Saptadhara 2014-15

College level Saptadhara Competitions were organized on 19-20 September 2014

Dhara	Competition	No. Of Participants	Rank	Name of Winner	Class
Rang kala Kaushalya Dhara	Poster Making	04	1st	Nayakpara Mital R.	T.Y. Gen. (Sem.-V)
			2nd	Merja Rutvi P.	S.Y. B.Sc. (Sem.-III)
			3rd	Ajani Monali M.	S.Y. HSc. (Sem.-III)
	Clay Modelling	01	1st	Merja Rutvi P.	S.Y. BSc. (Sem.-III)
	Rangoli	18	1st	Limbasiya Avni V.	F.Y. BSc. (Sem.-I)
			2nd	Ajani Monali M.	S.Y. HSc. (Sem.-III)
			2nd	Gohil Dimpal D.	F.Y. BSc. (Sem.-I)
			3rd	Thumar Devanshi R.	
			4th	Pandya Shruti B.	T.Y. FN (Sem.-V)
			4th	Baldha Nidhi N.	T.Y. Chemistry (Sem.-V)
	Drawing	21	1st	Ajani Monali M.	S.Y. HSc. (Sem.-III)
			2nd	Dafda Chhaya R.	F.Y. BSc. (Sem.-I)
			2nd	Bhalodiya Hetvi K.	S.Y. HSc. (Sem.-III)
			3rd	Charoliya Chandani B.	F.Y. BSc. (Sem.-I)
			3th	Dangar Priyanka B.	S.Y. BSc. (Sem.-III)
			4th	Marvaniya Anandi V.	T.Y. Chemistry (Sem.-V)
			5th	Desai vaishali C.	F.Y. BSc. (Sem.-I)
			5th	Viradiya Sweta C.	



			5th	Jethwa Kajal P.	T.Y. Chemistry (Sem.-V)
	<b>Cartooning</b>	07	1st	Jethva Bhautika D.	T.Y. G.H.Sc. (Sem.-V)
			2nd	Merja Rutvi P.	S.Y. BSc. (Sem.-III)
			2nd	Vaghela Mansi R.	
			3rd	Donga Rutvi V.	
			3th	Marvaniya Anandi V.	T.Y. Chemistry (Sem.-V)
	<b>Collage</b>	01	1st	Pandya Shruti B.	T.Y. FN (Sem.-V)
	<b>Sarjanaatmak Kaarigari (Best from Waste)</b>	05	1st	Doshi Daisy H.	S.Y. HSc. (Sem.-III)
			2nd	Sisodiya Meeraba H.	F.Y. HSc. (Sem.-I)
			2nd	Rukiya Sham S.	
			3rd	Pathak Bhoomi P.	T.Y. FN (Sem.-V)
	<b>Hastakala Hobby</b>	10	1st	Nimaavat Anjana R.	F.Y. HSc. (Sem.-I)
			2nd	Rathod Hemali R.	S.Y. HSc. (Sem.-III)
			2nd	Bataviya Disha S.	
			3rd	Nirmal Heta R.	F.Y. HSc. (Sem.-I)
			3rd	Ajani Monali M.	S.Y. HSc. (Sem.-III)
<b>Gyan Dhara</b>	<b>Quiz</b>	16	1st	Govindiya Shruti S.	T.Y. Chemistry (Sem.-V)
			2nd	Solanki Falguni T.	
			3rd	Chavda Anjali D.	
			3rd	Gheewala Khadija M.	
			3rd	Singal Toral R.	
			3rd	Javiya Nirali D.	
<b>Geet Sangeet Nritya Dhara</b>	<b>Solo Song</b>	03	1st	Vegal Niyati K.	F.Y.BSc. (Sem.-I)
			2nd	Joshi Anjali J.	
			3rd	Vasveliyan Heta B.	
<b>Sarjanaatmak Abhivyakti Dhara</b>	<b>Paad Purti (Kavya lekhan)</b>	01	1st	Pathak Bhoomi P.	T.Y. FN (Sem.-V)

## Criterion – VI Governance, Leadership and Management

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

**Vision:** Empowerment & upliftment of women through excellence in Science Education.

**Mission:** To provide higher education to girls especially conservative segment of the regional society where coeducation is discouraged. To inculcate & propagate the values of commitment, integrity & self-reliance, thus making the globally competent.

Enlighten & create wide spread awareness of the scientific knowledge among the girls, thus making them better women for tomorrow.

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

It will be considered.

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

#### 6.3.1 Curriculum Development

Few faculty members are member of board of studies and actively contributing in the formulation of new syllabus at Saurashtra University, Rajkot

#### 6.3.2 Teaching and Learning

- Students' Learning experiences are made interested by the use of ICT tools.
- To strength overall teaching and learning process, Group discussions, debates and seminars involving students' participation are carried out
- Audio-visual system is available in most of the classrooms. Live telecast of lecture series on various subjects of science and home science delivered by experts on BISAG ( by Govt. of Gujarat) is arranged.
- Well established computer lab with LAN facilitates students to use internet for academic tasks.
- Regular visits to industry, research institutes etc are arranged for students to give first-hand experience of current day need in industry and academics.
- The number of demonstration experiments has been increased for improving conceptual clarity of the subjects.



### 6.3.3 Examination and Evaluation

- Examination committee conducts the internal exams efficiently and ensure the smooth and fair conduct of exams.
- Papers are set covering maximum syllabus as per university paper style and checked by all staff members of the department.
- Test results are announced in stipulated time frame, and students are guided to improve their performance by showing their answer books as per the guide line of Saurashtra University.
- Assignments in the form of questions, project work or group activities are given. The test score (out of 20) and the assignment score (out of 10) add up to give internal marks.

### 6.3.4 Research and Development

- Maximum faculties are research oriented and four faculties are recognised Ph D guide at Saurashtra Uni, Rajkot. Their papers are published in various national and international journals.
- Students and staff, both actively participate in conferences, seminar for their presentations via oral and or posters and they won awards/ prizes.
- Project work is also guided as a part of syllabus
- Various national level scholarships are awarded to some students Ms Sheetal Makwana student of Dr J.J.Upadhyay is regularly getting Rajiv Gandhi National Fellowship (JRF), Mr. Y.M.Ajudiya is getting Shyama Prasad Mukherjee Scholarship (JRF) sponsored by UGC Minor research projects.

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

- Library- New books are purchased every year. These help the staff and students to prepare study materials or are used for reference work.
- Books on general knowledge, books and magazines for competitive examination and current affairs are subscribed. The library also subscribes journals of different subjects.

### 6.3.6 Human Resource Management

-----Nil-----

### 6.3.7 Faculty and Staff recruitment

The members of faculty and staff are selected as per the criteria formulated by the education department of state government; Saurashtra University and UGC. A committee is designed as per university guidelines and this committee Conduct complete interview process.

### 6.3.8 Industry Interaction / Collaboration

-----Nil-----

### 6.3.9 Admission of Students

- Admission committee is formulated to frame admission criteria and whole admission process. After declaration of H.S.C results, the admission committee declares the date of distribution of admission form and last date of submission. When the forms are returned, a merit list is prepared and kept on notice board.
- The admission level is confirmed by the admission committee, looking to the percentage of H.S.C result. Usually this level remains at least 50 to 55% marks. The applicants are given last date for payment of their fees. After this schedule, if the seats remain vacant, the second admission list is prepared for little lower percentage

### 6.4 Welfare schemes for

- The institution runs a credit Co-operative society to provide loan to the members of staff and faculty.
- The staff and faculty get medical allowance. They can opt for fix medical allowance every month or reimbursement actual medical expense as and when it occurs.

### 6.5 Total corpus fund generated

Teaching	
Non teaching	
Students	

College does not have any corpus fund as such. The fund is collected by way of mainly term fees and is utilized for the expenditure.

6.6 Whether annual financial audit has been done  Yes  No

The institution follows the mechanism of external audit. The accounts of the institution are audited by registered chartered accountant. The internal audit is looked after by principal, the head of the institution.

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	-	-	-	-
Administrative	-	-	-	-

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

For UG Programmes Yes  No

For PG Programmes Yes  No

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

----- Nil -----

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

----- Nil -----

6.11 Activities and support from the Alumni Association

**Annexure 6.11**

6.12 Activities and support from the Parent – Teacher Association

-----Nil-----

6.13 Development programmes for support staff

-----Nil-----

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

1. To develop the interest in natural habitat of living organisms
2. To create Environmental awareness
3. To make responsible about the conservation and sustainable Environmental development
4. To maintain campus plastic free

<b>Sr. No.</b>	<b>Date</b>	<b>Activity</b>
1	13/7/14	Lecture on Activities of nature club followed by registration
2	7/8/14	Collection of biodegradable material and preparation of compost manure
3	15/8/14	Tree Plantation and plastic free campus
4	4/9/14	Poster presentation on environment awareness
5	10/12/14	Film show on Global warming –by AL GORE
6	23/3/15	Distribution of sparrow nests on sparrow Day

#### **Annexure 6.11 Activity and Support from Alumnae Association**

**Annexure 6.11 Activity and Support from Alumnae Association**

<b>Sr No</b>	<b>Date</b>	<b>Time</b>	<b>Theme</b>	<b>Speaker/ Expert</b>	<b>Participants</b>	<b>Venue</b>
1	21/07/2014	1 to 2 pm	Handicraft and cooking	Buddadev Bijal	All students Of Home science	Home Science Department, M. V. M.Sc. & HSc. College
2	1/09/2014 to 6/09/2014	1 to 3 pm	Workshop of Canning & Bottling	Shri Barotbhai	69 students of Home science including 24 alumnea	Home Science Department, M. V. M.Sc. & HSc. College
3	10/01/2015	3 to 4 pm	Guidance on How to prepare for TAT & TET Exams for teaching Jobs	Jalpa Daxini, B.Sc. Chemisrty, TAT exam passed, Primary Teacher	T.Y. Chemistry and Microbiology students	Chemistry classroom
4	11/02/2015	1 to 3 pm	Lecture Demonstration on Dialysis & Diet in Kidney Disorders	Ms. Madhavi Sampat	23 students of T.Y.FN	B.T. Savani Hospital, Rajkot
5	13/02/2015	1 to 3 pm	Seminar on Diet Prescription and Patient Counselling	Ms. Charmi Dave, Dietician, Giriraj Hospital, Rajkot	T.Y. FN students	Home Science Department, M. V. M.Sc. & HSc. College
6	12/09/2015	3 to 5 pm	Guidance on Preparation of M.Sc. Entrance Test	Zinkal Chandarani, Ph.D chemistry	T.Y. Chemistry students	Chemistry classroom

## Criterion – VII 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.

- Various academic and extracurricular activities as per annexure 7.2 served the purpose of creating positive impact on the functioning of the institute.
- Training workshop for 10 days on ‘Computer Basics’ in collaboration with VP Academy was organised for all the teaching and non teaching staff members.
- Students were benefitted from career oriented activities conducted by CCDC
- Activities strengthening social awareness, responsibility and women empowerment such as one week for cleanliness drive under Swachhta Abhiyaan , Government initiative; Women safety Maha Rally with Rajkot Police Dept, Self defence training by organizing Karate Camp , Plastic free campus, Thalassemia test and its awareness

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

**Annexure 7.2**

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

**Annexure 7.3**

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

Sr. No.	Date	Activity
1	13/7/14	Lecture on Activities of nature club followed by registration
2	7/8/14	Collection Of biodegradable material and preparation of compost manure
3	4/9/14	Poster presentation on environment awareness
4	10/12/14	Film show on Global warming –by AL GORE
5	23/3/15	Distribution of sparrow nests on sparrow Day

7.5 Whether environmental audit was conducted? Yes  No

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

**Annexure 7.6 SWOT Analysis**

### 8. Plans of institution for next year

1. Conduct the institutionalised activities for value education, inculcating skills for income generation, creating awareness for health, sensitizing for conservation of clean and green environment, nurturing patriotism, empowering women, shouldering social responsibility and caring for society, and adding value to the syllabus.
2. Organise a workshop on soft skills for students.
3. Conduct a seminar on Women's Rights and Issues.
4. Organise a fun fair.
5. Prepare the academic calendar.
6. Organise departmental study tours for better insight of the subjects and exploring new horizons emerging in different areas.
7. Organize Prize Distribution Function to felicitate academic and co-curricular / extracurricular achievements.

Name *Ms NK Pandya*

*N.K. Pandya*  
19/9/2018

Signature of the Coordinator, IQAC

Name *Dr K J Ganatra*

*K. Ganatra*

Signature of the Chairperson, IQAC



Annexure 7.2 Action Taken Report

Annexure 7.3 Best Practices

Annexure 7.6 SWOT Analysis

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<b>Annexure 7.2 Action taken report 2014-2015</b>		
1	Creating environment awareness	<ol style="list-style-type: none"> <li>1. 9/10/14 Film show on Wild Life &amp; Birds Identification</li> <li>2. 8/12/14 Elocution Competition on Vasant Panchmi, Spring season and Science</li> <li>3. 16/1/15 Essay Competition on Environmental Issues</li> <li>4. 28/2/15 'Science Day' Group Discussion on 'Importance of Science in day to day Life' and Environment Conservation</li> </ol>
2	Skills for income generation / Entrepreneurship	<ol style="list-style-type: none"> <li>1. 28/8/14 Demo of Jewellery Making by alumnae Ms Kailash Ajudia</li> <li>2. 1-5/9/14 Workshop on preserved products, canning &amp; bottling by Shri Barotbhai from Horticulture Dept.</li> <li>3. 6/9/14 Skills of growing vegetables in Grow Bags by Shri Hareshbhai Halaiya from Horticulture Dept</li> <li>4. 20/9/14 Exhibition cum Demo and sale of handicraft items</li> <li>5. 12/1/15 Handwriting Competition</li> <li>6. 30-31 Jan and 1 Feb 2015 'Fun Fiesta' Fun fair</li> <li>7. 19/2/15 Visit to Lijjat Papad Unit</li> <li>8. 26/2/15 Visit to Patola Unit – 36 students</li> </ol>
3	Health aspects	<ol style="list-style-type: none"> <li>1. 09-09-14 Thalassaemia Awareness &amp; Test Camp 200 students Life International NGO, Rajkot</li> <li>2. 17-10-14 Thalassaemia Counselling specially to 12 Minor Thalassaemia students students Life International NGO, Rajkot</li> <li>3. 11/2/15 Visit to B.T. Savani Hospital for studying Dialysis – 22 students</li> <li>4. 13/2/15 Seminar on Diet Prescription &amp; Patient Counseling By Dr Charmiben Dave from Giriraj Hospital, Rajkot</li> <li>5. 21/2/15 Project Display on Food Nutrition, Diet in Diseases</li> <li>6. Sports activities as per annexure 5.9.1(a)</li> </ol>
4	To cultivate & nurture patriotism	<ol style="list-style-type: none"> <li>1. 15<sup>th</sup> August Independence Day , motivational talk by Dr Annapurana Shah, Principal MVM Arts College and plantation</li> <li>2. 26<sup>th</sup> January Republic Day, celebration</li> <li>3. 30/1/15 Shaheedd Din - remembering and paying tribute to martyr of independence.</li> <li>4. 21/2/15 Matrubhasha ni mahatta ...giving respect to mother tongue Gujarati</li> <li>5. NCC and NSS activity as described annexure 3,21 and 3.22</li> <li>6.</li> </ol>
5	Empowering women	<ol style="list-style-type: none"> <li>1. 24/6/14 Alumnae lecture on Chemistry – Useful branch of Science by alumnae Avani Ranipa</li> <li>2. 4,6,8/8/14 , 'Awareness for laws for Women'- Three days lecture series by expert Dr Gora N Trivedi</li> <li>3. 19/9/14 Talk on Analytical Techniques by alumnae Sheetal Makwana</li> <li>4. 22/11/14 Participation in Seminar on women empowerment at Police Community Hall in presence of DIG Shri Chaudhary saheb – 25 students</li> <li>5. 17/1/15 Essay competition on 'My Efficiency in my View'</li> <li>6. 30/7 to 5/8/14, Self Defence – Basic Karate Camp, Total 102 students trained under the guidance of expert Mr. Jitendra Maru ( Karate Black belt)</li> </ol>



		7. Dec 2014, Rally for the safety of women (Mahila suraksha), All Students with Rajkot Municipal Corporation and Rajkot City Police in presence of Mayor Ms Rakshaben Bolia, Police commissionair Jhasaheb, Shri Gagandeepsingh Gambhir. To sensitize society (after Nirbhaya rape case, Delhi)
6	Social responsibility / extension activity / Value education	<ol style="list-style-type: none"> <li>1. 24/8/14 Students Views on Our Religious and National Festivals</li> <li>2. 27/8/14 Visit to KVKV for exhibition, demonstration, puppet show and increasing health awareness</li> <li>3. 28/8/14 Visit to anganwadi - 50 students</li> <li>4. 29/8/14 Visit to Old Age Home, Dholara, Rajkot by Sports students</li> <li>5. 5/9/15 Teacher's Day celebration</li> <li>6. 25-30/9/14 "Swachhat Abhiyaan" for one week, elocution competition and cleaning of various place like Under bridge, hospital, college campus etc</li> <li>7. 30/9/14 group discussion on Life of Gandhiji</li> <li>8. 24/12/14 Students' views on Message of Bhagwad Gita in my Life</li> <li>9. 13/1/15 Group discussion on 'Makar Sankranti and Science'</li> <li>10. 19/2/15 Visit to Prerna Sankool ( the institute of mentally challenged children) - 35 students visited</li> <li>11. 19/2/15 Visit to Andh Mahila Vikas Gruh ( Blind school) -35 students visited</li> <li>12. 6/9/14 Blood donation camp with Terapanth yuvak parishad</li> <li>13. NSS activity as per annexure 3.21</li> <li>14. Cultural activities as per annexure 5.9.1(b)</li> </ol>
7	Adding value to syllabus	<ol style="list-style-type: none"> <li>1. 28/8/14 Study of plant diversity in college campus</li> <li>2. 6/9/14 Demo of growing vegetables in Grow Bags by Shri Hareshbhai Halaiya</li> <li>3. 15/9/14 Visit for Bird watching &amp; identifying birds</li> <li>4. 9/10/14 Film show on Wild Life &amp; Birds Identification</li> <li>5. 9/12/14 Session on Story Making Skill</li> <li>6. 12/1/15 Visit to Poultry farm</li> <li>7. 11/2/15 Educational Tour to Marine National Park, Gulf of Kutch (Narara, Jamnagar)</li> <li>8. 23/2/15 Study of Plant Diversity in College campus</li> <li>9. 28/2/15 and 1/3/15 Cursive Hand writing competition organised by The Oskar Institute of English, two students got prizes.</li> <li>10. Projects on various subjects by students.</li> <li>11. Academic participation as per annexure 3.1</li> </ol>

### **Annexure 7.3 Best Practices**

#### 1. TITLE OF THE PRACTICE: **FUN FAIR**

#### 2. GOAL

- A. Instil the qualities of leadership, team building, management, creative thinking and marketing in students.

#### 3. CONTEXT

Organizing activities which fall outside the realm of normal curriculum fosters learning, facilitates educational retainment, success in academic work, socialization and positive self-development with higher self esteem. Events like fun fair need culmination of ideas and hard work from great young minds wherein students have to develop a plan, create a product or service, build marketing strategy, and then open for customers. There cannot be a better tool for teaching and learning which teaches complex principles of life and commerce with all the fun and frolic.

#### 4. THE PRACTICE

The college organised fun fair which instils or strengthens skills of organising, team building and creative thinking and also enhances sound interpersonal relationships amongst students.

One of the college grounds was used for the purpose. Stalls were allotted to students and faculty by draw system at token charge so as to meet the expenses on electricity and setting up of stalls. These stalls offered assortment of goodies like food, garments, games, books and selfie zone. Dance and music performances on stage specially erected for the event entertained the visiting masses all through their stay.

#### 5. EVIDENCE OF SUCCESS

The event claimed a big success – all stalls were booked, was attended by huge number which gave good business to the stall holders and boosted their morale.

#### 6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

Larger number of attendees could have been drawn, but the entry was restricted to parents and ladies only. Students had to raise funds through sponsorship which turned out to be an added liability.

#### 7. NOTES (OPTIONAL)

#### 8. CONTACT DETAILS : Dr. R .D Raviya, 2. Dr B. P Khoyani

1. TITLE OF THE PRACTICE: **STUDENT MENTORING**

2. GOAL

- A. Improve the academic performance of the weak performers
- B. Provide support for personal advancement.

3. CONTEXT

Mentoring programmes are important elements of the personal and professional development of students. These help slow learners to perform better. Mentorship programmes benefit mentees via several important outcomes, including increased career satisfaction, personal advancement, and the capacity for personal and professional identity development.

4. THE PRACTICE

Each faculty gets a definite number of students from new entrants who remain with the faculty as mentee for a period of three years. The mentor maintains the academic record the mentee. Counselling sessions are arranged for students, or mentors may be approached by students as and when needed. Apart from academic aid, mentees are counselled and helped for social and financial challenges.

5. EVIDENCE OF SUCCESS

Slow learners often lack confidence to come up with their academic shortfalls or other social/financial challenges. The practice of one to one counselling helps students to gradually surmount this bottleneck situation and emerge as better performers as experienced by our faculty.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

In some cases, the progress of mentee is gradual and the outcome often intangible demanding consistent, persuasive endeavour on the part of the mentor and the mentee.

7. NOTES (OPTIONAL)

8. CONTACT DETAILS: 1.Dr. D.M Vasavada , 2. Dr. V. S Samani, 3. Dr B .M Vaid

## **Annexure 7.6 Report of SWOT Analysis 2014-15**

SWOT analysis was carried out (in terms of methodology used, analysis and information and data as collected and inferences derived with respect to strengths, weaknesses, opportunities and threats).

The institution has a well established and well developed mechanism for feedback collection and each year, the feedback is collected, analyzed and a report is prepared. For SWOT analysis, we used the feedback received and the analysis thereof. The feedback questions were designed carefully to cull responses on the strengths, weaknesses, opportunities and threats. Customized questionnaires were prepared for students for feedback and faculty members were given self appraisal forms. The two time NAAC accreditation of the institution provided us valuable inputs about the strengths and weaknesses of the institution. The peer team visits, the reports of the peer teams, the recommendations of the peer teams made the SWOT analysis of the institution, objective and precise.

### **The core strengths of the institution are as follows:**

- “A” grade accreditation from NAAC for two consecutive assessments
- Activities related to development of staff and students ( FDP, Fun Fair etc)
- Competent experienced faculty
- Strong base of research and innovation
- Good physical infrastructure
- Good knowledge resource
- Highly motivated work force
- “Earn while Learn” is possible through Soil Health Card Project.
- Committed and visionary management
- Prestigious brand image of the institution that draws quality student inflow

### **The weaknesses envisaged by the institution are as follows:**

- Lack of national or international perspective
- Absence of courses for post graduation
- Limited industry-institution interface
- Implementation of changes is slow due to systemic hurdles
- Alarming student teacher ratio
- Alarming reduction in the number of teaching and non teaching staff members
- Infrastructure development: Modernizing the laboratories, Revamping of Library, equip classroom with internet and smart boards

### **Opportunities before the institution:**

- Status of autonomous institution
- Envisaging forays into vocational add on courses and post graduate courses

- Utilizing research potential for resource mobilization and knowledge strengthening.
- Utilizing expertise of prominent alumnae for the benefit of current students in terms of awareness in career advancement and scope in the field.

**Threats before the institution:**

- Reluctance of government and funding agencies to invest more in the aided institutions
- Reforms delayed and/or stymied and /or inconsistent at the level of university or government
- Recruitment of fresh teaching and non-teaching staff

**Based on SWOT analysis, “strategic plan” was developed for institutional development.**

The institution has following development plan based on the **SWOT** analysis.

**Priority areas:**

**(1) Infrastructure development**

- Modernizing the laboratories
- Revamping of library gradually
- Equip classroom with internet and smart boards

**(2) Academic development**

- Starting PG programme
- Introducing more add on courses
- Faculty training every year
- Motivating and facilitating learner centric curriculum transaction
- Incentivizing research and innovation
- To pursue for the graduation level in the subject of physics, botany and zoology so that it can be up to B Sc final year.

**(3) Administrative reforms**

- Strengthen data collection, maintenance and analysis
- Management information system
- Recruitment of new administrative staff

**• Key activities to be proposed in the Institutional Development linked with the results of SWOT Analysis.**

- The proposed development plan of the institution is aimed at optimal utilization of the strength of the institution.
- A revamping of the classroom and equipping them with smart board and internet along with audio-video facility will make the classroom transaction more effective.
- Access of internet to students and faculty members will improve curriculum transaction.
- Modernizing of laboratories will improve research.
- Revamping library facility and augmenting library holding in terms of books, journals and e-content will improve learning process.

- Acquiring the status of autonomous college will give the institution freedom to frame its own courses, implement reforms in teaching, learning and evaluation and bench marking own student output.
- Faculty training and encouraging and enabling learner centric classroom transaction will improve the academic output
- Research and innovation are key issues. Incentivizing research and innovation is essential for quality research output
- Introduction of add on courses will improve the employability of the students and will equip them with essential skills.
- Starting new PG programs will help in drawing quality students at UG level also and will encourage students to pursue higher education.
- A good management information system will make information access easy, error free and cost efficient.

### 2.3 Specific objectives and expected results based on the SWOT analysis

#### **Improving library facility**

Research has been a strong hold of the institution. Improving library facility is essential especially in view of growing demand and availability of e-content. This will ultimately improve learning outcome also as faculty and students will have access to latest development and current knowledge.

#### **Modernizing laboratory facility**

We have competent faculty who have good research experience. The college also has started entering into collaboration for consultancy and revenue generation with government agencies. Modernizing laboratory facility is essential for state of the art research work. Students are also involved in research and consultancy work. This gives them hands on experience and improves their employability and learning outcomes.

#### **Human resource improvement**

Faculty members are the cornerstone of any institution and play a very vital role in the learning outcomes of the graduates. The institution has a very extensive and intensive plan for upgrading the human resource by imparting them training, incentivizing pursuit of further study, and encouraging them to participate in seminars, conferences and workshops. The institution wants to hold national and international level seminars and workshops in the institution, sending faculty members on visits to research facilities of national import, facilitating research and publication. This approach will improve the learning outcomes of the graduates and perk up their employability.

#### **Academic reforms**

The institution plan involves up-gradation of classrooms to smart classes. At present the institution has facility for using audio-video content in the class. Now the institution has planned to have smart boards in the classrooms and equipping them with internet facility. The institution has also planned to train our faculty members for generating multimedia content and digital repository. This will have immense positive impact on the learning outcome of the students and the classroom transaction will become truly effective and engaging.

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