

## 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

J. & J. College of Science

##### 1.2 Address Line 1

J. & J. College of Science

##### Address Line 2

College Road

##### City/Town

Nadiad

##### State

Gujarat

##### Pin Code

387 001

##### Institution e-mail address

Jandjscience1947@gmail.com

##### Contact Nos.

0268 2529871

##### Name of the Head of the Institution:

Dr. A.M.Patel

##### Tel. No. with STD Code:

0268 2528362

##### Mobile:

9825713355

##### Name of the IQAC Co-ordinator:

Ms. P.S.Bhatt

##### Mobile:

9824536895

**IQAC e-mail address:**

psbhatt.bhatt44@gmail.com

**1.3 NAAC Track ID** (For ex. MHCOGN 18879)

GJCOGN 15109

**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)

EC65/57/2014

**1.5 Website address:**

www.jandjscience.org

Web-link of the AQAR:

[WWW.jandjscience.org/AQAR](http://www.jandjscience.org/AQAR) 2014-2015.doc

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	B	2.21	2008	2013
2	2 <sup>nd</sup> Cycle	B	2.57	2013	2018
3	3 <sup>rd</sup> Cycle	-	-	-	-
4	4 <sup>th</sup> Cycle	-	-	-	-

**1.7 Date of Establishment of IQAC :**

20/08/2008

(dd/mm/yyyy)

**1.8 AQAR for the year** (for example 2010-11)

2014-2015

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR NA (dd/mm/yyyy)
- ii. AQAR NA (dd/mm/yyyy)
- iii. AQAR NA (dd/mm/yyyy)
- iv. AQAR NA (dd/mm/yyyy)

**1.10 Institutional Status**

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College No  Yes

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

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

Type of Institution Co-education  Men  Women   
Urban  Rural  Tribal

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

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

**1.11 Type of Faculty/Programme**

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

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

Gujarat University

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

Autonomy by State/Central Govt. / University	<input type="text" value="NA"/>		
University with Potential for Excellence	<input type="text" value="NO"/>	UGC-CPE	<input 156="" 448="" 500="" 516"="" data-label="Section-Header" text"="" type="text" value="---&lt;/input&gt;&lt;/td&gt; &lt;td&gt;&lt;/td&gt; &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;/table&gt; &lt;/div&gt; &lt;div data-bbox="/> <p><b><u>2. IQAC Composition and Activities</u></b></p>

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="03"/>
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 text"="" type="text" value="----"/>
2.8 No. of other External Experts	<input type="text" value="- ---"/>
2.9 Total No. of members	<input type="text" value="14"/>
2.10 No. of IQAC meetings held	<input type="text" value="05"/>

2.11 No. of meetings with various stakeholders No. Faculty

Non-Teaching Staff  Alumni  Others

Students  Parents

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos.  International  National  State  Institution

(ii) Themes

#### 2.14 Significant Activities and contributions made by IQAC

1. AQAR writing, compilation and submission.
2. Preparation of academic calendar.
3. Efforts to increase presence of the students.
4. Efforts to strengthen activities related to student support and progression.
5. Proposal is submitted for National seminar in chemistry.
6. Efforts for maintenance of Website initiated and are continue.
7. Strengthening of ICT.
8. To organize environment awareness programmes.
9. Initiated preparation for AAA.
10. Submitted proposal for IQAC seminar and waiting for the sanctioning.
11. Infrastructure extension and maintenance.
12. Planning for the maintenance of the building of the institution.
13. Computerization of library.
14. To keep research activities in gear.
15. To introduce skill oriented programmes for students.

## 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 \*

No.	Plan of action	Achievements
1.	Preparation of academic calendar	Successfully remained able to carry out syllabus completion,, examinations, activities of SAPTADHARA', activities of CWDC, UDISHA, NSS, Study circles, sports etc..
2.	Preparation for AAA accreditation	Is started
3.	Maintenance of the building of the institution	Water proofing Completed in 2014
4.	Computerization of library.	Efforts continue
5.	Maintenance of Website	Efforts initiated and are continued.
6.	To keep research activities in gear.	03Research projects continue and 02 have submitted,,28 Research paper presentation ,15 research paper publications,05 have presented Research poster, 03 got Ph.D. ,03 faculty are involved in Ph.D. work, 02 have got guide ship for Ph.D.
8.	Planning for IQAC seminar organization.	Proposal is submitted and waiting for approval.
9.	Faculty development programme	Proposal is submitted to UGC to organise conference in Chemistry and are waiting for approvals
9.	Activities for student support and progression	—nearly 60 carried out throughout the year through student empowerment cell.
10.	IQAC meetings held	05
11.	Introduction of skill oriented courses	Taken a centre for “SCOPE”—English language , and communication skill development programme

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

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**For Year 2013-14**

**Criterion – I**

**1. Curricular Aspects**

*1.1 Details about Academic Programmes*

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	Nil	-----	-----	
PG	01			
UG	04			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	05			

Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	04+01= 05
Trimester	Nil
Annual	Nil

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

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

*\*Please provide an analysis of the feedback in the Annexure(Annexure-2)*

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

Revision and update of syllabi is done by Gujarat University with which our college is affiliated. Our faculty members are involved in syllabus revision committees of Gujarat University and two of our faculties are members of board of studies in Gujarat University.

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

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**Criterion – II**

**2. Teaching, Learning and Evaluation**

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	34	01	33	----	----

2.2 No. of permanent faculty with Ph.D.

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
	01	09	----	---	--	--	----	---	01	09

2.4 No. of Guest and Visiting faculty and Temporary faculty



2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	01	34	10
Presented papers	02	19	07
Resource Persons	---	--	05
Research paper publication	12	03	---

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

Faculty members use various advanced teaching methods:

- Interactive method.
- Project-based learning.
- Use of multi media.
- e-books and CDs, to make teaching more interesting.
- seminars, debate-elocutions, competitions, assignments, group discussion, model making, poster making etc. as per the demand of the content.
- Educational tours, Industrial tours, Botanical excursions etc.
- Subject experts'/ Resource persons' lectures.

College and Government have provided computer facility, internet facility and smart boards in classes that have enabled the faculty to adopt new approaches. College also provides financial support to students for study tours and for paying registration fees to participate in various state level competitions based on curriculum.

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

226

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

Continuous assessment as per University norms.

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

All teachers are involved either directly or indirectly.  
 Directly: by participation  
 Indirectly : by forwarding suggestions.  
 During the meetings of syllabus revision arranged by the University.

Staff appointed as member of Board of studies in Gujarat University: 02

2.10 Average percentage of attendance of students

More than 70%

2.11 Course/Programme wise distribution of pass percentage : 2014-15 Sem-6

Title of the Programme	Total no. of students appeared	Division					fail
		Distinction %	I %	II %	III %	Pass %	
Physics	68	--	04	09	--	21.66	47+08*
Chemistry	284	03	40	76	02	60.19	78+83* +02absent
Microbiology	144	01	06	40	08	48.67	58+27* +04absent
Maths	66	21	21	06	--	96	02+16*

\* Indicates results not declared.

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

- IQAC takes care for proper timetable formation
- Syllabus completion is observed which is the benchmark of the institute is.
- Continuous evaluation method is established and is monitored through Head of the department.
- Schedule of examination given by Gujarat University is perfectly maintained.
- Audit of Pass % is done
- Improvement each year is monitored in terms of results.
- Through student counselling and through feedback mechanism.
- Proper directions are given whenever and where ever is required.

## 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	Nil
UGC – Faculty Improvement Programme	Applied for : 1.IQAC Seminar 2.Physics conference 3.Chemistry conference
HRD programmes	Nil
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops, etc.	Nil
Others ( acted as chair person of session in a symposium)	01

## 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	07	08	nil	02
Technical Staff	17	09	nil	06

## Criterion – III

### 3. Research, Consultancy and Extension

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

IQAC has formed Faculty empowerment cell for the purpose and it has set some goals for promoting research climate in the institution. The result in this field is quite pleasing this year.

#### 3.2 Details regarding major projects

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

3.3 **Details regarding minor projects**

	Completed	Ongoing	Sanctioned	Submitted
Number	-----	10	-----	-----
Outlay in Rs. Lakhs	-----	10,78,000/-	-----	-----

3.4 **Details on research publications**

	International	National	Others
Peer Review Journals	13	-----	-----
Non-Peer Review Journals	-----	-----	-----
e-Journals	-----	-----	-----
Conference proceedings	-----	-----	-----

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

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	2014-15	UGC	Rs.10,40,000/-	Rs.8,20,500/-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total			Rs.10,40,000/-	Rs.8,20,500/-

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

ii) Without ISBN No.

3.8 **No. of University Departments receiving funds from**

UGC-SAP  CAS  DST-F IST   
DPE  DBT Scheme/funds

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

**3.10 Revenue generated through consultancy**

**3.11 No. of conferences organized by the Institution**

Level	International	National	State	University	College
Number	-----	-----	01	-----	-----
Sponsoring agencies	-----	-----	Jointly with GSBTM at Kadi	-----	-----

\*Institute has applied for: 1.IQAC Seminar 2.Physics conference 3.Chemistry conference

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

**3.13 No. of collaborations** International  National  Any other

**3.14 No. of linkages created during this year**

**3.15 Total budget for research for current year in lakhs** : Rs.10,40,000/-

From Funding agency  From Management of University/College

Total

**3.16 No. of patents received this year**

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

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

Total	International	National	State	University	Dist	College
-----	-----	-----	----	-----	----	11

**3.18 No. of faculty from the Institution who are Ph. D. Guides**

**and students registered under them**

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

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

JRF  SRF  Project Fellows  Any other

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

University level  State level

National level  International level

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

University level  State level

National level  International level

**3.23 No. of Awards won in NSS:**

University level  State level

National level  International level

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

University level  State level

National level  International level

**3.25 No. of Extension activities organized**

University forum  College forum

NCC  NSS  Any other

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

1. Participation at Zonal level seminar at Valvode organised by Bhadrang College as a host.
2. NSS organised one day College Campus cleaning programme.

3. NSS organised annual one week programme.at Village “Petli Taluka- Sojitra (Cleaning of village, Slogan writing on wall,” in the village, Cultural programme.)
4. Organisation of One day workshop at Pavagadh .
5. Organisation of free medical check up camp in the institution in which 400 students participated.
6. NCC has organised rallies for: Women empowerment, “Svachhata abhiyan” and awareness regarding traffic rules
7. Chemistry study circle organised “Chemical day” to enlighten the people against blind faith and black magic.
8. Microbiology study circle as a co patron of the “State level competitions for undergraduates of Gujarat” organises the events and participates since last 26 yrs. in which ,around 800 delegates and 300 participants got benefited in the year 2014-15.
9. Institute has permitted alumni and students from near colleges to do their dissertation work or part of their research work in 2014-2015 also.

#### Criterion – IV

#### 4. Infrastructure and Learning Resources

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

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	2,71,140 sq.mt.	-----	----	-----
Class rooms	11	-----	-----	-----
Laboratories	13	-----	-----	
Seminar Halls	01	Nil	-----	
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	--		-----	
Value of the equipment purchased during the year (Rs. in Lakhs)			-----	
Others			-----	

##### 4.2 Computerization of administration and library

Administrative office is fully computerized and library is partially computerized.

### 4.3 Library services:

	Existing		Newly added		Total			
	No.	Value	No.	Value	No.	Cancelled during the year	Total no.	Value
<b>Text Books</b>	9928	-----	916	Rs.42000/-	9928	10844-4454	6390	Rs.2503137.60
<b>Reference Books</b>	15175	-----	78	Rs.33794/-	15253	00		
<b>e-Books</b>	-	-	-	-	-		15253	
<b>Journals</b>	27	-	-	-	27	27-09	18	
<b>e-Journals</b>	-	-	-	-	-			-
<b>Digital Database</b>	-	-	-	-	-			-
<b>CD &amp; Video</b>	69	Rs.4000/-	-	-	-			4000
<b>Others (specify)</b>	-	-	-	-	-			-

### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	61+06 Lap top	39	66	04	----	04	18	01
Added	---	---	---	---	---	---	---	---
Total	67	39	66	04	---	04	18	01

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

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### 4.6 Amount spent on maintenance in lakhs:

i) ICT	50,497/-
ii) Campus Infrastructure and facilities paid by Forest department	5,00,000/-
iii) Equipments	5,87,705/-
iv) Others for (adhoc staff)	25,545/-
v) Water proofing	7,57,980/-
vi) Drainage line maintenance	80,300/-
<b>Total</b>	<b>22, 71,087/-</b>



## Criterion – V

### 5. Student Support and Progression

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

To create awareness about student support services is a continuous effort in the institute and it is done at different levels.

IQAC, organises meetings and discussion is done about student support activities/services .In it what is done and what could be done is discussed.

- IQAC arranges orientation programme on the very first day of the first semester students and gives institutional information including programmes for student support.
- During counselling mentor makes students aware regarding various activities, its importance and motivates students for their participation.
- Notices are displayed on notice board regarding various activities.
- After admission administrative wing scrutinises students who are eligible for various scholarships and help students individually in filling up of forms at right time and thereby students gets financial help(SC/ST/OBC and others).
- At departmental level also students are oriented and they are informed very well about study circle activities run in favour of student support.
- In Parents teachers meeting student activities and support systems are discussed.
- Faculty as a mentor also during student mentoring/counselling gets the information and record.
- Various committees (UDISHA,CWDC,NCC,NSS)keeps record of students participation in various activities and thus continuously at all level ,students are motivated to involve ,to interact and to participate in various activities aimed at student progression.
- On annual day of the institution, deserving students are awarded.
- In the same function annually a college magazine is published showing information including activities related to student support.

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

Student progression is tracked at different levels:

It is done at departmental level in terms of regularity, involvement, participation, results, as students are regularly in touch with faculty during their lectures and practical as well as during various activities organised by study circles and the institution.

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1438	112	----	-----

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

Nil

(c) No. of international students Nil

No	%	Men
802	51.75	

No	%	Women
748	48.25	

Last Year(2013-14)						This Year (2014-15)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
725	94	80	518	-----	1417	722	120	123	584	01	1550

No. Of students appeared in examination Nov./Dec 2014 - -- 1944

No. Of students appeared in examination April/May 2015 ---1785

Demand ratio 1:1

Drop out % 8.1 (approximate)

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

Institute runs UDISHA club for the career advancement and placement of students. Jointly with study circles of different it organizes such activities.

1. Physics department guided and organized National graduate physics examination (NGPE).—17 students
2. Physics department guided and organised examination for selection of candidates to attend summer programme organized by Vikram Sarabhai Science Centre. ---22 students
3. M.Sc. Part II students of chemistry attended 1 day workshop at ISTAR V.V.Nagar.---06 students
4. Institute is been given a centre of SCOPE by Gujarat Government .In 2014-15 -303 students

No. of students beneficiaries

$17+22+06+303= 348$

**5.5 No. of students qualified in these examinations**

NET	---	SET/SLET	----	GATE	---	CAT	----
IAS/IPS etc	----	State PSC	----	UPSC	----	Others	01

## 5.6 Details of student counselling and career guidance

- Counselling forms are prepared and counselling of all students is done individually.. Equal students are allotted to each faculty. During the year at least two counselling sessions are kept.
- Counsellor prepares a report and submits to IQAC and IQAC does analysis and action is taken.
- During counselling student’s social, financial, academic aspects are considered along with health status of the student and needful steps are taken.
- Students are motivated for their academic career as well as opportunities in life against them is shown .Mentor thus takes a position as a parent for student in the institution.
- For career guidance the institution has UDISHA club
- UDISHA organises various programmes related to career counselling directly and placement through study circles of various departments.

No. of students benefitted 100%

## 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
04	102+96=198	46were selected	02+1=02

## 5.8 Details of gender sensitization programmes

- The institution has CWDC that organises programmes for the empowerment, upliftment and welfare of girl students
- Organised lecture series on the occasion of “women teaching day” announced by Gujarat Government.
- Organised one day workshop on “Personality development “ with the aspect of –How to be presentable on various occasions?”.
- To motivate and inspire students elocution competition was kept.
- For recreation and talent hunt various competitions were organised (Mehndi, poster making, rangoli, elocution) jointly with SAPTDHARA.

## 5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events  
 Other events: Co curricular activity: 07 students participated in “State level intercollegiate competitions “organised jointly by Microbiology study circle, J.and J. College of science, Nadiad and GSBTM, DST, Government of Gujarat.

State/ University level  National level  International level

No. of students participated in cultural events : at University zonal level :30

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 02 National level  International level

**Other events: Co-curricular:**

State level

**5.10 Scholarships and Financial Support**

	Number of students	Amount
Financial support from institution		
Financial support from government	255	Rs. 6,93,400/-
Financial support from other sources		
Number of students who received International/ National recognitions		

**5.11 Student organised / initiatives**

**Fairs** : State/ University level  National level  International level

**Exhibition:** State/ University level/College level 01 National level  International level

**Cultural and other:** College level: 05 Educational: State level: 01

**5.12 No. of social initiatives undertaken by the students** 08

**5.13 Major grievances of students (if any) redressed: not any significant.**

## Criterion – VI

### 6. Governance, Leadership and Management

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

**Vision :** Serving the society by enlightening the rural area of Nadiad and its surroundings at the doorstep and to educate and enable youth to enhance the dignity and progress of the society and nation.

**Mission:** (1) to provide science education without any discrimination.  
(2) to create the life-long learners.  
(3) to groom accountable, knowledgeable, versatile global citizens.

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

- The Institution has an optimised hierarchical information system chaired by the President of the “The Education society “,Principal of the institution and the staff members .The information is passed through various layers of the hierarchy.
- Head of the institute is thus the connecting link between management and staff members of the institute.
- The principal interacts through meetings with IQAC ,Head of the departments, administrative section, faculty members, nonteaching staff, entire staff ,student representatives and discuss and informs and interact regarding relevant things and tries in all possible way to strengthen the policies and prospects of the institution.
- Institution publish an annual magazine in which data about received grants, its utilisation, number of students, scholarships allotted, Pass out data, achievements of students and faculty, activities of UDISHA, NSS,NCC, Departmental ,Sports etc..... are published.
- The institution is having its own website on which efforts are done to share the information with various stakeholders.

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

### **6.3.1 Curriculum Development**

- Active involvement of each faculty Active in the institutional functioning is seen.
- Continuous involvement of each faculty in the curriculum of the subject he/she teaches helps to get good suggestions in curriculum development.
- A group discussion periodically is arranged regarding the up gradation of the subject that includes practical as well as theory and suggestions are recorded at departmental level.
- Each department send these suggestions through the faculty who are member of Board of studies at University level.
- Feedback of pass out students, alumni, parents and other stakeholders regarding curriculum is forwarded to the Board of Studies of each subject for the purpose of curriculum development.

### **6.3.2 Teaching and Learning**

- Teaching learning methods adopted are not only traditional with chalk and talk but it is always made enjoyable with proper examples, correlating facts for clarity of the subject.
- Often it is supplemented with multimedia usage using smart boards and power point presentation.
- Strategy for good result is kept and for that 100% syllabus completion is made a benchmark
- Involvement of all faculties equally by equal syllabus distribution is seen .However syllabus is distributed as per liking of the faculty which is absolutely a good favour for the students.
- Learning is facilitated by text books usage, reference books usage, projects, seminars, assignments etc.. as per the demand of the content.Students are motivated for internet

### **6.3.3 Examination and Evaluation**

- Information is provided to the students about examination format, approximate time of the examination, evaluation pattern (External marks and internal marks) in the very initial lectures of the semester along with syllabus and question bank whereabouts.
- The institution is affiliated with Gujarat University and has to apply the format given by the University Examination and evaluation.
- To keep the evaluation transparent answer sheets are shown to students once the results are declared to the entire students (internal examination) .For external examination student has to follow a procedure set by the university for the same purpose.
- Minimisation of all possibilities of error during assessment and mark sheet preparation.
- To maintain reliability at all levels of examination :  
Paper setting, Paper reprography, Invigilation and Evaluation

#### **6.3.4 Research and Development**

1. Permission to faculty to pursue research. Faculty who wants to do research in college premises, is permitted to use the facilities available in the college
2. College appreciates research activities by honoring the faculty memento, certificate and prizes in the annual Day function of the institution.
3. The institution has “Faculty empowerment cell” to motivate and to guide research activities in
4. To encourage faculty members to attend seminars, conferences, workshops etc. Provision of T.A. & D.A. registration fees and duty leave for the same is provided by the institution.
5. The committee, observes progress in terms of continuous registration of faculty for research, Preparation of project proposals and submission, paper presentation and publications.

#### **6.3.5 Library.ICT and physical infrastructure/ Instrumentation.**

- To have Library Committee consisting of the Principal, Librarian and H.O.D.’s year. In these to discuss about the purchase of research journals, periodicals, newspapers, books and other necessary items during the year. To purchase more number of books, journals, employment news magazines, books for entrance examination coaching, books that create value addition etc...
- To add e- books and educational CDs
- To organise Library orientation programme for students.
- To provide maximum number of books in a set to students by nominal fees and deposit system through “Book Bank”
- For sem-05 and Sem-06 students , set of reference books of national and international level (cost in thousands of rupees)is given to students. Even depreciation charges are not taken from students.
- To provide syllabus copy & Question Bank copy for reprography.
- To increase the number of latest computers and broad band connections for the use of faculty and student to increase the computer users
- To utilize more grant for ICT purpose
- To do provision for Daily News subscription of good quality
  - To provide facilities for computer and internet usage during college hours.

### 6.3.6 Human Resource Management

- Principal along with the HOD and senior faculty members frame the policy statements for fulfilling the stated vision.
- The action plan for all operation and incorporation of the same into the institutional strategic plans are made during the Principal's meetings with Heads of various departments after careful consideration and discussions
- The Principal informs the management about the issues, challenges, progress, requirements with respect to the achievement of the goals of the institute.
- Meetings with stakeholders is done to discuss issues, challenges, success for the betterment of students and thereby the institution.
- To do provision for filling up of any vacant posts in teaching and nonteaching staff and to do efficient planning to maintain quality even in deficiency of staff(Teaching & non teaching)
- Planning of duties of Teaching and non teaching staff
- Allotment of Equal duties for all in teaching and non teaching
- To monitor regularity of staff through "Biomatrix" and monthly follow up.

### 6.3.7 Faculty and staff Recruitment

- Each year after admission process is completed each department head submits workload per faculty in terms of students: teacher to the Principal of the Institution.
- After verification it is then submitted to government department.
- Since last years due to Government policies none of the post is sanctioned. However, we have been permitted to call back surplused staff member of the institution.
- Currently the institution runs with the vacancy of 08 posts of faculty and 15 posts of nonteaching.

### 6.3.8 Industry Interaction /collaboration

A) The institute has good interaction with industries:

- I. Every year industrial visit is organised.
- II. Every year few of the companies organises campus interview since 2002.

B) The institute has long term relationships with Government sectors:

Microbiology study circle is having "Rajyashraya" from the Gujarat state biotechnology mission, DST, Government mission, Department of science and technology, Government of Gujarat in the form of financial assistance since 2005 for organisation of state level intercollegiate competitions in the subject of Biological sciences.



### 6.3.9 Admission of students

- The dates of the admission process are displayed on the college notice board. This process starts immediately after the declaration of XII Science results in the state.
- **This year centralized admission process was followed as per the declaration of the Gujarat university**
- The procedure of admission followed was online.
- Each and every student who cleared the XIIth exam is eligible for the admission.
- The students are provided information regarding the choices they can adopt and admission is given according to choice based system decided by Gujarat University.
- All SC/ST/OBC category students are given admission as per the policy of Central and State Government.
- Our college offers basic subjects.

### 6.4 welfare schemes for

Teaching staff	Through Credit society	<ol style="list-style-type: none"> <li>1. Provision of loan up to Rs.400,000/-</li> <li>2. Savings</li> <li>3. Yearly Dividend on savings</li> <li>4. Provision of Rs.10,000/- in crisis to the Family</li> <li>5. Group insurance.</li> </ol>
Non teaching staff	Through Credit society	<ol style="list-style-type: none"> <li>1. Provision of loan up to 400,000/-</li> <li>2. Savings</li> <li>3. Yearly Dividend on savings</li> <li>4. Provision of Rs. 10,000/- in crisis to the Family</li> <li>5. Group insurance.</li> <li>6. Facility in terms of advance for buying grain, oil &amp;/or for festival celebration.</li> </ol>
Students	Government Scholarships → Library facilities Study circles Student concession pass UDISHA CWDC Counselling Canteen facilities Hostel facilities Alumni association PTA	-for SC/ST/OBC students For all students Library ,activites,financial For commuting students For career and placement Women empowerment Of All students Economic rate and hygienic food For Boys and Girls Support in form of fees, books, placement, and lectures. Moral support

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes  No

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

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

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

For UG Programmes Yes  No

For PG Programmes Yes  No

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

Our institute is affiliated to Gujarat University, so it has to follow the evaluation process designed by the Gujarat University. Gujarat University has adopted the choice based system since three years which has shown a major change in the internal evaluation. The internal evaluation became continuous evaluation which includes unit wise assignments/ projects, besides examinations. Each paper now has a compulsory short question to improve the students' performance in the section.

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

NA

6.11 Activities and support from the Alumni Association

Every year we arrange a grand Alumni Meet of our Institute. In this meeting we also invite our retired faculties, so that the alumni visiting the event can also meet their teachers. In these meetings we discuss and inform them with the progress, activities, problems, and requirements of the college. They give suggestions and advise and are always ready to help the institution in every possible way

Many of our alumni 'are on high positions and are invited for guest lectures and guide. Our institution acts as a bridge between the old students and the new ones. They also help our students in seeking employment.

This Year:

- Rs. 10,000/- donation each year since last 5 yrs. for Microbiology study circle activities.
- Rs. 11,000/- donation for prize to the student getting highest marks in Sem-6 examination.
- Sponsoring of 12 students in all this year by 2 alumni.
- Fees for study circle membership of one student by one alumnus.
- Fees to attend crash course (training) by one alumnus.
- Adoption of any number of students (village adoption-Village "Hingda")s who takes admission in J. and J. College of science, Nadiad, by one alumnus ,with respect to fees of complete graduation.
- Two guest lecture from two alumni.(one each)
- Value addition lectures 04 from tow alumnus.
- Accommodating 02 students for jobs by one alumnus in Pharmaceutical Company of his own.

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

The college conducts PTA meetings each year. Through these meetings policy matters are communicated and discussed with them. Suggestions are invited and open discussion is done regarding any of the issue.

### **6.13 Development programmes for support staff**

Not this year

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

- Department of Botany does “Green Audit of our campus as an internal body”.
- Every year tree plantation program is conducted by NSS.
- Counseling to minimize the use of plastic .
- Use of water harvesting facilities.

## Criterion – VII

### 7. Innovations and Best Practices

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

Culture of study circle in various departments is innovative aspect in our institute .Innovation introduced this year remained remarkable.

(A) Year 2014-15, Chemistry study circle planned to organise “Chemical Day” to celebrate centenary of donor Lt. Shri Narendrabhai. Shri Narendrabhai Desai donated Rs. 25 lacs in 1991 for development of Chemistry laboratory in the name of his Lt. mother Smt. Surajba. The laboratory developed is outstanding and exemplary among undergraduate colleges in the State of Gujarat.

(B) Academicians of Chemistry department initiated study circle activities for grooming of students and for cultivating their subjects thirst through co curricular activities and widening their horizons in the thought process since, 1971 . Activities create platform for dignitaries, alumni, and faculty to share precious views, knowledge and experiences with the undergraduate students.

“Chemical Day” was planned to enlighten the people of Nadiad against blind faith and black magic. Simultaneously, to give fundamental understanding of certain principles of chemical reactions among students. The intention was also to increase communication skill of students.

The event remained glorious and as per demand it was extended for another day. (24 and 25 February, 2015).Six schools of Nadiad town and 1600 students in all, visited this Exhibition –Chemical Day.!!!

This has increased pride and prestige of the institution and has certainly created positive reflections in the functioning of the institute.

This Grand celebration has increased self esteem of the management, institutions, faculty, staff and student stakeholders of the institute. Organisation of the event heightened team spirit and has created positive vibrations at all level.

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

- A) In the very beginning of the academic year 2014-2015, celebration of centennial of donor Shri Narendrabhai Desai was planned in a joint meeting held with IQAC and the staff of Chemistry department.
- B) The Nadiad education society authorities encouraged the department for the conduction of the programme assuring Chemistry study circle, Chemistry department for any financial support if needed.
- C) It was decided to name the event as “Chemical Day” which would be an exhibition kind of event conducted by students of chemistry department.
- D) The event was planned to fulfil three major goals:
- To enlighten people of rural area against black magic.
  - To cultivate interest in the subject of chemistry and thereby science in the young minds of students of the schools.
  - To provide a platform for the students of Chemistry department, to cultivate skills of communication as students were going to handle the day.
- E) 104 students of chemistry department participated.
- F) 27 groups were made each having 3-4 students for flaw less conduction.
- G) Faculty of chemistry department, well in advance guided students regarding all the aspects of the event.
- H) Students of Post graduation were allotted the duties of volunteers.
- I) well in advance, information and invitation was given to almost all the schools of Nadiad, regarding the celebration of “Chemical Day”
- J) Due to great rush and enthusiasm of college students and visitors, the event was extended for one more day.
- K) Arrangement for light refreshments were done for participating students and student volunteers.

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

1. To provide support to alumni

Our institution takes very good care not only of students but is always ready to help

Alumni also and that is the extent of institutional student support service.

2. Activities of UDISHA CLUB. (Universal Development of Integrated Employability Skill through Higher education Agencies.)

*(annexure-3)*

**7.4 Contribution to environmental awareness / protection**

1. Department of Biology of the institute organised a study tour every year with an objective to study biodiversity of a particular ecosystem they visit their by gives understanding of biodiversity and its values and how important is environment conservation thus.
2. Rain water harvesting is done. We use this water for gardens, and laboratory purpose
3. The college has keenly taken steps to reduce carbon emissions by planting as many trees as possible .Avoiding use of plastic bags in the campus as far as possible is observed.
4. Plantation is actively carried out each year and cultivated plants are maintained.
5. For the protection of heritage trees situated in Botanical garden, J. and J. College of Science, Nadiad ,Forest department , Government of Gujarat has allotted Rs. 5.0 lacs

Above said grant is to be utilized for: grant .

- net channelling
- placing 20 benches
- making a gazebo of 6.0 ft. width surrounding the tree
- purchase of rare plants
- Cultivation and maintenance of all plants of Botanical garden

7.5 whether environmental audit was conducted ? Yes  No

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

In order to meet with the recommendations of the peer team report on institutional assessment and reaccreditation of our institution, the institution has initiated student empowerment cell”.

This cell is meant to harmonize and establish equilibrium between fast on-going academic semesters due to the semester system recently introduced in Gujarat University and affiliated colleges.

Student Empowerment cell and IQAC of the institution guided students to take benefit of centre of “SCOPE” .....offered to the Institute

**8. Plans of institution for next year(2015-2016)**

- i. AQAR writing, compilation and submission
- ii. Preparation of academic calendar
- iii. Efforts to increase the attendance of students
- iv. To strengthen activities related to student support and progression.
- v. To keep in gear research activities and research environment.
- vi. To organize programmes related to faculty and staff development.
- vii. Maintenance of Website.
- viii. To strengthen ICT
- ix. To organize environment awareness programmes.
- x. To go for AAA
- xi. To continue skill oriented programmes for students.
- xii. To organize IQAC seminar.
- xiii. To organize National seminars in Chemistry
- xiv. Infrastructure extension and maintenance.

Name \_\_\_\_\_

Name \_\_\_\_\_

Signature of the Coordinator, IQAC

Signature of the  
Chairperson, IQAC

**Annexure I**

**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

**Annexure-1 Academic Planner of the year 2014-15**

<b>June 2014</b>	<b>July 2014</b>	<b>August 2014</b>	<b>September 2014</b>
College opened on 15 <sup>th</sup> June 2014 for new academic year IQAC meeting 1 Making of the academic Planner	26/7 CSC :debate competition 28/7 MSC: Group presentation by ppt and Animations 20,21 NSS :Orientation programme 22/7 Sports: Chess team selection 27/7 NSS: one day workshop at Pawagadh IQAC meeting 2 4/7 to 26/7 IQAC meetings with various committee	4/8 student Orientation programme with parents 4/8 Parents teaching meeting 6/8 participation in singing songs on rain 8/8 CWDC organised programme on Women empowerment jointly with Gujarat government 14/8 celebrations on the eve of Independence day by <i>SAPTDHARA</i> organisation of workshop on public speaking followed by elocution	4/9 Sports: Participation in table tennis interzone team selection 5/9 teacher's day celebration 15,16 sept. : participation in Gujarat university South zone zone -2 Youth festival at Viramgam in 14 competitions 7/9/2014: parents teachers association meeting 16/9 onwards internal examination started and then after Gujarat uni



		<p>competition training under natya dhara, sangeet nrutya dhara  20,23 Aug. :Study tour by MSC  26/8 CWDC: Mehndi competitions  27/8 CWDC: Elocution competition  28/8 CWDC: One day workshop  CWDC :Participation in” Balkanji Bari” organised competiitions  28/8 Guest lecture by MSC -1  28/8 ‘SAPTDHARA” organised Quiz  8/8 Sports: participation in Table tennis tournament Gujarat Uni. South zone-2  6/8 Sports: Badminton team selection  12/8 participated in Gujarat uni. south zone at Birpur ,Cross country college tournament  22/23 : Sports Guj uni inter college chess tournament  27.8 Sports: Participated in Wolleyball Men Guj . Uni south zone inter college tournament at Balasinore</p>	examination started
<b>October 2014</b>	<b>Nov. 2014</b>	<b>December 2014</b>	<b>Jan 2015</b>
<p>1/10 NSS: Cleaning of college campus   9-11:NSS :Participated in Zonal seminar at Bhadran College   Internal examination and Gujarat uni examination</p>	<p>7/11 NCC : CATC camp Mogri   <b>10<sup>th</sup> Nov. College reopened</b>  12-15 Sports: Examination of Sem 3 yoga.  16/11 Sports :Participated in Guj . Uni south zone inter college tournament at Balasinore  16/11 Sports: Guj . Uni south zone inter college tournament at Balasinore</p>	<p>NCC: Traffic rally  NCC: “SWACCHATA ABHIYAAN” rally  NCC:” Women empowerment” rally  2/12 College athletics team selection  14/15 Sports: participated in Guj . Uni south zone inter college tournament at Pavi, Jetpur.  27/12 Sports:Volleyball(girls) :participated in Guj . Uni south zone inter college tournament at Gandhinagar</p>	<p>1<sup>st</sup> Jan 2015 Teaching started for new semester  5,6 Jan: Industrial tour at Ankaleshwar,Tirthal, vapi  13/1 NCC ALC camp-3  17 /1 IQAC Meeting- <b>3</b>  19<sup>th</sup> Jan-23 Jan. MSC :educational Tour at Dunny point Dwarka.  21/1 CSC: Guest lecture  22/1 CSC: Campus interview</p>

continue <b>19 Oct. Diwali vacation</b>	24/11 NCC:B.L.C. camp  Mogri 10 days	P.K.Chaudhary Mahila College.Gujarat University Examination continue..  31 <sup>st</sup> Dec. Get together party by Microbiology study circle.	26/1 NCC: Republic day celebration 27/1 to 2/2 NSS: Annual workshop at Petli  28/8 MSC: Guest lecture.- 2  31/1 CSC: Quiz
<b>February 2015</b>	<b>March 2015</b>	<b>April 2015</b>	<b>May 2015</b>
<p>First week: MSC: Intra college competitions</p> <p>7/2 Sports: Cricket (Boys) Guj . Uni south zone inter college tournament at I.V.Patel Commerce college, Nadiad.</p> <p>14/2: Students participation in selection for summer programme at Vikram Sarabhai Community Science Centre.</p> <p>18/2 MSC:Guest lecture-3</p> <p>20/2 CSC: Annual Day</p> <p>21/2CSC:Quiz at V.P.Science, VVNagar</p> <p>22/2 MSC: organised jointly with GiBiOn and participated in 26<sup>th</sup> State level academic competitions.</p> <p><b>24/2 and 25/2 CSC :Chemical Day celebration</b></p> <p>24/2 Physics Dept:Distribution of Ayurvedic concoction for “Swine Flu prevention”</p>	<p>4/3 68<sup>th</sup> College Annual Day celebration</p> <p>10/3Internal Examination started</p> <p>19/3 MSC: Farewell for Sem-6 students.</p>	<p>9/4 IQAC Meeting <b>5</b></p> <p><b>16/4 Gujarat Uni. External examination started</b></p> <p><b>27/4 Summer vacation started.</b></p>	

25/2 National graduate Physics examination(NGPE)			
18/2 NSS: organized free medical checkup camp in the college			
26/4 IQAC Meeting 4			

**Annexure2**(Analysis of student feedback )

### Annexure 3(Two Best Practices of the institution)

#### 1. To provide support to alumni

Our valued alumni doing post graduation at other institute are provided facilities of usage of infrastructure including instrument and guidance of our eminent faculty to carry out dissertation research work.

In the year 2014-15, five such alumni students carried out two dissertation projects in Microbiology department under the guidance of Dr. Shilpa Jani on the subject

1. “Production of keratinolytic protease from *Saccharothrix xinjiangensis* and its characterization ” and,
2. “Production of keratinolytic protease from *Streptomyces* sp. and its characterization” as a partial work of UGC minor project file no. 47-506/12 (WRO) .They successfully completed their project work because all kind of resources are available in the Department of Microbiology. They were able to publish a research paper too in an International journal from their work done.

*Int.J.Curr.Microbiol.App.Sci* (2015) 4(5): 962-975

**Research Article: “ Production and characterization of keratinolytic protease from *Streptomyces* sp”**

**Shilpa Ashok Jani1\*, Raval Heta2, Harnisha Patel2, Drashti Darji2, Ankit Rathod2 and Seema Pal2**

#### **2.UDISHA CLUB. (Universal Development of Integrated Employability Skill through Higher education Agencies.)**

Being the oldest college in this rural area, we found that there was a need to develop awareness among the student about the options available to them after achieving their graduation and also to guide them. Our students hardly have educated family background where parents and families can motivate them for making or choosing their career. In spite of having such backgrounds, our students are full of enthusiasm and potential to pursue bright career. We found a need to educate our students about how to prepare Curricula Vitae, whom to approach, where and how to pursue admissions for their further studies, where to apply for placement and so on.

Our college appointed Dr. S.D. Patel as co-ordinator of this activity who was already doing the same activities informally earlier. Government of Gujarat also recognized his efforts and appointed Dr, S.D. Patel as a district co-ordinator of the UDISHA Club.

This practice includes everything that a college can do in the direction or supporting students for their future. Activities like Campus interviews, Job fair, Personality development guidance, circulation of informations regarding further studies, lectures of expert counsellors, training programmes for the students as well as teachers in this regard, industrial visit, entrepreneurship development training programmes, arrangement for coaching classes for the preparations of competitive examinations, workshops, guidance for preparation of their Resume etc. are some of the activities undertaken by UDISHA. This club gives special encouragement to the girl students of the rural area and have also found the best results in this respect.

#### **Important programmes of 2014-15:**

Club is organizing various activities, through which it addresses various issues related to the carrier guidance and placement of the college students:

1. Lecture on blood banking was organised of Dr. A.H.Patel an alumnus of ours working as a scientist at USA.

2. A lecture on Entrepreneurship development in biological sciences was organized of Shri Bipin Shah, EDI, Ahmedabad on 28<sup>th</sup> January, 2015
- 3a. Dr.Amit balani ,NVPASS, Vallabh vidhyanagar disussed about crash courses for higher studies in JNU, MSU on 18<sup>th</sup> Feb 2014 organised by GSBTM,Gandhinagar.
- 3b. Career counselling lecture by Dr. Seema Amin for Microbiology students of Sem-6
4. To create awareness regarding entrepreneurship in biotechnological sciences a lecture was taken by faculty of microbiology followed by intra college competitions on the subject: “My business proposal in biological sciences as a future bioentrepreneur”
5. Students in Physics department of Sem-6 participated in National Graduate Physics Examination 2014(NGPE-2014) and one student got first prize.
6. Students of Physics department participated in \_\_\_\_\_ at Charusat University,Changa
7. Students of Mathematics department partidipated in “A.R.Rao” mathematics competition at V.V.Nagar
8. **51** students participated at National level “ Madhva Mathematics Competition “
9. One day seminar was organized to give guidelines for the “Madhva Mathematics Competition” in mathematics department
10. Students participated in 2 day workshop regarding “Solution to Mathematical Problems”organized at St.Xavier’s Science College,Ahmedabad.

**11.Campus interview /job fair details:**

Date	Name of the company visited	No. of students participated	No. of Students selected
23/1/15	P.I.Industries,Panoli	102	15
2/5/15	Mafatlal Industries,Nadiad	Sem-6 students	17
2/6/15	Creast Composite,Kheda		06
16/6/2015	Sun pharma	96	10
Intracin Pharmaceutical Nadiad, directly took 02 students			

8. Beside placement activity, to make the students aware about courses they can opt for better career, was given in printed form.

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