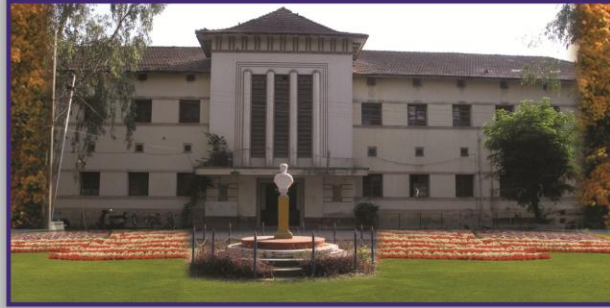




**The Annual Quality Assurance Report (AQAR) of the**  
**IQAC**  
**2012-2013**



**Submitted by**  
**Petlad Education Trust Managed**  
**Shri R. K. Parikh Arts and**  
**Science College, PETLAD.**  
**[Affiliated to Gujarat University]**  
**Accredited 'B' by NAAC**  
**To**  
**National Assessment and Accreditation Council**  
**Bangalore**

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

## Part – A

### I. Details of the Institution

1.1 Name of the Institution

SHRI R. K. PARIKH ARTS AND SCIENCE COLLEGE, PETLAD.

1.2 Address Line 1

DANTALI ROAD

Address Line 2

City/Town

PETLAD

State

GUJARAT

Pin Code

388 450

Institution e-mail address

[vsjoshi69@rediffmail.com](mailto:vsjoshi69@rediffmail.com),  
[vsjoshi69@gmail.com](mailto:vsjoshi69@gmail.com)

Contact Nos.

02697-252396

Name of the Head of the Institution:

Dr. VIMAL S. JOSHI

Tel. No. with STD Code:

02697-252396

Mobile:

9427004861

Name of the IQAC Co-ordinator:

KALPESH TRIVEDI

Mobile:

94280-76677

IQAC e-mail address:

krtrivedi1967@gmail.com

**1.3 NAAC Track ID**

GJCOGN13064

**1.4 NAAC Executive Committee No. & Date:**

March31, 2007/028

**1.5 Website address:**

<http://petladcollege.org/>

**Web-link of the AQAR:**

[http://petladcollege.org/AQAR\\_REPORTS/AQARoftheIQAC2012-13.pdf](http://petladcollege.org/AQAR_REPORTS/AQARoftheIQAC2012-13.pdf)

**1.6 Accreditation Details**

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	----	2007	2012
2	2 <sup>nd</sup> Cycle				

**1.7 Date of Establishment of IQAC :**

15/06/2007

**1.8 AQAR for the year :**

2012-13

**1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC.**

- i. AQAR 2008-2009 \_\_\_\_\_ (07/04/2010)
- ii. AQAR 2009-2010 \_\_\_\_\_ (21/10/2011)
- iii. AQAR 2010-2011 \_\_\_\_\_ (20/04/2012)
- iv. AQAR 2011-2012 (Online) \_\_\_\_\_ (01/10/2012)

**1.10 Institutional Status :**

University

State ☒ Central ☐ Deemed ☐ Private ☐

Affiliated College

Yes ☒ No ☐

Constituent College

Yes ☐ No ☒

Autonomous college of UGC

Yes ☐ No ☒

Regulatory Agency approved Institution

Yes ☐ No ☒

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 :**

GUJARAT UNIVERSITY, AHMEDABAD.

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="06"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="02"/>
2.3 No. of students	<input type="text" value="02"/>
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="01"/>
2.8 No. of other External Experts	<input type="text" value="0"/>
2.9 Total No. of members	<input type="text" value="14"/>
2.10 No. of IQAC meetings held	<input type="text" value="02"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="02"/> Faculty <input type="text" value="02"/>
	Non-Teaching Staff <input type="text" value="01"/> Alumni <input type="text" value="01"/> Students <input type="text" value="01"/>

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

Total Nos.  International  National  State  Institution Level

(ii) Themes

N.A.

## 2.14 Significant Activities and contributions made by IQAC

- Strengthen the activities of placement cell UDISHA.
- Promote faculty members to prepare Power point presentations for ICT based classroom teaching.
- IQAC collects information and analyze data, suggests required changes in teaching and learning methods.
- Faculty members were encouraged to emphasis on student seminars and quiz using power point presentations.
- Industry Interface Cell (IIC) activities of industrial visits and educational tours boosted interest among the students.
- Organizing Remedial Coaching Classes.
- To conduct extracurricular and professional short term course classes during summer vacation.

## 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 \*

Plan of Action	Achievements
<ul style="list-style-type: none"><li>• To encourage faculty members to attend seminar, conferences and workshops.</li><li>• More classrooms to get equipped for ICT enable teaching.</li><li>• To install Office automation software.</li><li>• To encourage the students for participation in extracurricular and soft skill programs.</li><li>• To organize orientation for faculties to prepare research grants proposals.</li><li>• Purchase of new books to enhance library facilities.</li><li>• To motivate students and faculties for educational and industry visits.</li><li>• Career guidance and placement to be strengthened.</li><li>• Encouraging students to excel in various sports events.</li></ul>	<ul style="list-style-type: none"><li>• Executed</li><li>• Executed</li><li>• Executed</li><li>• Executed</li><li>• Executed</li><li>• Executed</li><li>• Executed</li><li>• Executed</li><li>• Executed</li></ul>

\* See Academic Calendar of the year 2012-13 as Annexure-1.

## 2.16 Whether the AQAR was placed in statutory body

Yes ☐ No ☒

Management ☐ Syndicate ☐ Any other body ☐

Provide the details of the action taken

N.A.

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### **1.1 Details about Academic Programmes**

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	01	0	0	0
UG	02	0	0	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	0	0	0	0
Others	0	0	0	0
<b>Total</b>	<b>03</b>	<b>0</b>	<b>0</b>	<b>0</b>
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	03
Trimester	00
Annual	00

##### **1.3 Feedback from stakeholders\***

(On all aspects)

Alumni ☐ Parents ☐ Employers ☐ Students ☒

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

*\*Please see an analysis of the feedback in the Annexure-2*

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

NO

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

NO



## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
23	0	17	01(Principal)	05(P.T. and A.S.)*

\* P.T. – Part time lecturer, A.S. – Adhyapak Sahayak

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

08

#### 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
0	08	0	0	0	0	02	0	02 (A.S.)	08

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

Guest :  
02

Visiting:  
14

Temporary:  
07

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

No. of Faculty	International level	National level	State level
Attended	02	18	11
Presented papers	00	07	03
Resource Persons	00	00	02

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

- Many classrooms are furnished with multimedia projectors and internet facility for interactive teaching.
- Exploration of phenomena and practicals through Education video clips.
- Field experience through field trips and industrial visits.

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

185

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

No

<b>2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshops</b>	01	0	0
---	----	---	---

<b>2.10 Average percentage of attendance of students</b>	75%
--	-----

**2.11 Course/Programme wise distribution of pass percentage :**

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	I %	II %	Pass %
B.A.					
Sem-1	188	---	3.1	21.8	17
Sem-3	121	---	14.8	35.5	25.6
T.Y.BA	126	---	3.2	35.7	38
B.Sc.					
Sem-1	155	---	10.3	17.4	8.3
Sem-3	84	---	8.3	23.8	10.7
T.Y.B.Sc.	97	---	6.1	35	3.1
M.A.					
Sem-1	167	---	0	0	43.1
Sem-3	113	---	0	0	84

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

<ul style="list-style-type: none"> <li>➤ IQAC committee ensures timely, efficient and progressive performance of academic, administrative and financial tasks during the year.</li> <li>➤ The committee also monitor optimization and assimilation of modern methods of teaching and learning.</li> <li>➤ Feedback response from the students and its analysis.</li> <li>➤ Circulating brochures of seminars, conferences, symposia and workshops among the staff.</li> <li>➤ Documentation of various activities and programmes throughout the year.</li> <li>➤ Generate institutional database through MIS to enhance the institutional quality.</li> </ul>
---

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	0
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	0
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	0
Summer / Winter schools, Workshops, etc.	0
Others	0

### 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	01	05	0	04
Technical Staff	05	0	0	0

## Criterion – III

### 3. Research, Consultancy and Extension

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

- To inculcate the climate of research, college has constituted a research committee. The main objective of this committee is to encourage and help the faculty and the students to undertake the research projects.
- Orientation of teaching staff regarding minor research projects.
- To encourage research in the institution it was planned to establish research laboratories in the department of Chemistry and Physics.
- Principal Dr. V. S. Joshi and Dr. J. A. Chaudhari are research guides and their research students are using research laboratory facilities.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs	0	0	0	0

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	01	0	02
Outlay in Rs. Lakhs	0	67,500/-	0	0

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	09	02	0
Non-Peer Review Journals	0	0	0
e-Journals	03	0	0
Conference proceedings	0	0	0

#### 3.5 Details on Impact factor of publications: Please see Annexure:3

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	0	0	0	0
Minor Projects	2012-14	UGC	1,00,000	67,500
Interdisciplinary Projects	0	0	0	0
Industry sponsored	0	0	0	0
Projects sponsored by the University/ College	0	0	0	0
Students research projects <i>(other than compulsory by the University)</i>	0	0	0	0
Any other(Specify)	0	0	0	0
Total			1,00,000	67,500

**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-FIST   
DPE  DBT Scheme/funds

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

**3.10 Revenue generated through consultancy**

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

Level	International	National	State	University	College
Number	0	0	0	0	0
Sponsoring agencies	0	0	0	0	0

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

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

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

**3.15 Total budget for research for current year in lakhs :**

From Funding agency  From Management of University/College

Total

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

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

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

Total	International	National	State	University	Dist	College
0	0	0	0	0	0	0

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

and students registered under them

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

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

JRF  SRF  Project Fellows  Any other

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

University level  State level   
National level  International level

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

University level	<input type="text" value="0"/>	State level	<input type="text" value="61"/>
National level	<input type="text" value="08"/>	International level	<input type="text" value="0"/>

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

University level	<input type="text" value="0"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

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

University level	<input type="text" value="0"/>	State level	<input type="text" value="06"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

**3.25 No. of Extension activities organized**

University forum	<input type="text" value="0"/>	College forum	<input type="text" value="0"/>	
NCC	<input type="text" value="06"/>	NSS	<input type="text" value="04"/>	Any other <input type="text" value="0"/>

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

- Activities of N.S.S. and N.C.C. :
- Tree plantation in the campus.
- Jan Jagruti Rally on Swami Vivekanand Jayanti and essay competition.
- Visit to old age home at Swami Sacchidanand Ashram, Dantali and Sardar Patel Smruti Bhuvan at Karamsad.
- Celebration of Taluka Van Mahotsav.
- Thalassemia check up and health check up of the students.
- Voters awareness programme especially for first time voters.
- AIDS awareness lecture.

## Criterion – IV

### 4. Infrastructure and Learning Resources

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

Facilities	Existing	Newly created	Source of Fund	Total in ₹
Campus area	25 Acre	---	---	---
Class rooms	12	---	---	---
Laboratories	09	---	---	---
Seminar Halls	01	---	---	---
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	---	---	UGC	---
Value of the equipment purchased during the year (Rs. in Lakhs)	---	---	UGC	---
CCTV Camera and DVR	---	30	UGC	1,78,319
Internet facility and networking with server	---	1425	UGC	9,13,660
LCD projectors for classrooms	---	07	UGC	2,87,700
R.O. water treatment plant	---	01	UGC	1,54,000
Sports equipments	---	64	UGC	4,03,050
Others	---	03	UGC	94,390
<b>TOTAL</b>				<b>20,31,119</b>

#### 4.2 Computerization of administration and library

- Administrative office has TechSis MIS software.
- College library has SOUL software loaded with library books database and barcode facility.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value in ₹	No.	Value	No.	Value in ₹
Text Books	11,278	8,68,381	891	2,22,622	12,169	10,89,003
Reference Books	15,762		334		16,096	
e-Books	0	0	0	0	0	0
Journals	10	16,200	0	0	10	16,200
e-Journals	0	0	0	0	0	0
Digital Database	0	0	0	0	0	0
CD & Video	150	Gratis	0	0	150	Gratis
Others (specify)	---	---	---	---	---	---



#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs (DELL)	Internet	Browsing Centres	Computer Centres	Office	Departments	Other
Existing	69	25	20	04	25	05	09	02
Added	11	0	0	0	02	0	07	01
Total	80	25	20	04	27	05	16	03

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

- Students are offered many computer courses run by management. Also free internet access in computer lab and library.
- All the staff members have access to internet in their departments.
- College central hall fully equipped with LCD projector and accessories for

#### 4.6 Amount spent on maintenance in ₹ :

i) ICT

84,325

ii) Campus Infrastructure and facilities

52,139

iii) Equipments

0

iv) Others

0

**Total ₹:**

1,36,464

## Criterion – V

### 5. Student Support and Progression

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

- Academic support by advisement and counseling.
- Technology support for preparing power point presentations for subject seminars.
- Active working of grievance redressal cell.

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

- Continuous evaluation of the students through quiz, seminar, assignments, projects and internal examination assessment.
- Career and counseling cell plays important role in enabling students to choose their academic progression as well as keeps their record.

#### 5.3 (a) Total Number of students : 1022+06

UG	PG	Ph. D.	Others
B.A. 452	M.A. 208	06	0
B.Sc. 362	---	---	---

(b) No. of students outside the state

0

(c) No. of international students

0

No	%
498	48.72

Men

Women

No	%
524	51.28

Last Year <b>2011-12</b>						This Year <b>2012-13</b>					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
562	86	04	174	04	830	643	129	12	234	04	1,022

Students appear in examination during 2013-14 : 961

Demand ratio 1:1

Dropout % 5.9

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

- To provide equal opportunities to all for computer education of higher quality coaching classes for certificate in computer concept (CCC) are carried out.
- Career guidance magazines and competitive entrance examination books are available in college library.

No. of students beneficiaries

84

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

NET	<input type="text" value="0"/>	SET/SLET	<input type="text" value="0"/>	GATE	<input type="text" value="0"/>	CAT	<input type="text" value="0"/>
IAS/IPS etc	<input type="text" value="0"/>	State PSC	<input type="text" value="0"/>	UPSC	<input type="text" value="0"/>	Others	<input type="text" value="0"/>

### 5.6 Details of student counselling and career guidance

- The fresher are given indulgent guidance at the time admission.
- Regular sessions are conducted for outgoing students to make them aware of various career opportunities available to them.
- Personality development programs and guest lectures are arranged during the year.
- College library is furnished with the career guidance magazines and competitive entrance examination books.

No. of students benefitted

### 5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
01	155	20	---

### 5.8 Details of gender sensitization programmes

Collegiate Women's Development Cell (CDWC) regularly organises a variety of programmes like legal awareness, equal rights, self defence, Women's Day celebration.

### 5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events : 351

State /University level

National level

International level

No. of students participated in cultural events

State/University level

National level

International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

**5.10 Scholarships and Financial Support**

	Number of students	Amount
Financial support from institution	--	--
Financial support from government	349+43*=422	14,07,361
Financial support from other sources	#	--
Number of students who received International/ National recognitions	--	--

\* 43 minority student's financial support deposited directly that amount is not included.

# Students of our college get scholarship from Shri Sachchidanand Bhakti Niketan Ashram, Dantali Petlad, the sum amount is deposited directly in the students account.

**5.11 Student organised / initiatives**

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

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

**5.13 Major grievances of students (if any) redressed:** No major grievances.

## Criterion – VI

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

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

**Vision:** “ To offer knowledge based, career oriented education in various disciplines and build better citizens for tomorrow ”.

**Mission:**

To groom a student in areas of his/her career interest and impart necessary competence to make one successful in professional career

To develop a conducive and rich infrastructure with modern and adequate facilities for academic, co-curricular and overall development of students and staff.

To contribute to the development of the society with due focus on local economy.

To bring continuous improvement in performance on basis of the feedback from all the stake holders (Students, Parents, Faculty, management, employers, concerned authorities).

To build resource pool of alumni, ex-staff members, donors and well wishers.

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

Yes

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

##### **6.3.1 Curriculum Development**

- Curriculum Development is done by University only. There is no role of our College in this process.
- Our principal is member of board of studies of Gujarat University.

##### **6.3.2 Teaching and Learning**

- Teaching through ICT enabled classrooms.
- Soft skill, foundation and elective courses offered to develop student's communicative skill and social awareness.
- Students are given Assignments.
- Students are assigned Project work as a part of curriculum.
- Continuous evaluation through seminars, internal examination test.
- Remedial classes are arranged for socially under privileged students as well as slow learners for better performance in exams.

### 6.3.3 Examination and Evaluation

- Internal Examination and Evaluation – Unit tests, seminar, and quiz are conducted as continuous internal assessment and College conduct internal examinations. Internal exam evaluations are done by the College.
- External Examination and Evaluation – External examinations and evaluation are done by the Gujarat University.

### 6.3.4 Research and Development

- Some of the faculty members are already registered as Ph. D. students.
- Principal Dr. Vimal Joshi has been conferred as Ph. D. supervisor for Gujarat University, Ahmedabad, Kadi Sarva Vishwavidyalaya, Gandhinagar, JNT University, Jhunjhunu, Rajasthan. He is also a editorial board member for online research journal of U.S.A.
- Dr. J. A. Chaudhary conferred as Ph. D. supervisor for JNT University, Jhunjhunu, Rajasthan.
- Faculty members are motivated to pursue research and publications.

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

- New books are purchased as per new curriculum through Library Committee.
- Development in digitization of Library functioning is underway.
- Our library stock is collected through bar-code reader.
- Two computers were installed in library with internet access for the students.
- Some of the classrooms were made ICT enabled by installing multimedia projectors and screens.

### 6.3.6 Human Resource Management

- Planned and self-motivated process driven by gentle approach.
- Engagement of capable staff with effective technology interface.
- Opportunities for the individual growth and involvement of staff members and students in various College committees.
- Student's potency is utilized in N.C.C., N.S.S., nature Club, social, cultural and sports activities.

### 6.3.7 Faculty and Staff recruitment

- The recruitment of the faculty and non-teaching staff is done on the basis of type of post created, strictly by following the rules and regulations laid down by the government, university and U.G.C.
- The temporary teaching and non-teaching staff for non-grant or professional or add-on courses is recruited on the institutional level by management.

### 6.3.8 Industry Interaction / Collaboration

- Industrial Interface Cell (ICC) organizes industrial visits and guest lecture for the students.

### 6.3.9 Admission of Students

- Admission process is conducted as per University admission norms.

### 6.4 Welfare schemes for:

Teaching	Provision of GPF
Non teaching	Provision of GPF
Students	Annexure-4

### 6.5 Total corpus fund generated:

0

### 6.6 Whether annual financial audit has been done:

Yes

√

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	---	Yes	IQAC committee
Administrative	Yes	B. C. Patel & Co., Anand	Yes	Chartered Accountant

### 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?**

- Last year Gujarat University has adopted CBCS and semester system which leads to continuous evaluation of the students through MCQ tests, projects, viva, assignments and seminars.

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

N/A

#### **6.11 Activities and support from the Alumni Association**

- It is suggested by IQAC committee to form alumni association. It has been decided to commence such activity from next academic year.

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

- Parental communication regarding progress of their ward and important announcements through SMS.
- Invitation to parents for the interaction with staff, HODs and management at Parent's Meet.

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

- Training programs for administrative staff, lab assistants and peons to enhance skills in their functional areas.

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

- College campus has good number of trees maintained by N.S.S. students.
- This year we have introduced energy saver CFLs in some classes and laboratories.
- Proper disposal of garbage and chemical waste.
- Rain water harvesting on campus.
- The classrooms and laboratories are well ventilated with enough windows to save electricity.
- Various competitions and talks are arranged for environmental awareness among the students.



## 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.**

- Introduction of office automation software MIS.
- Some of the departments were provided WI-FI facility.
- All the departments, administrative office and classrooms were given internet access through LAN networking connected to central server procuring UGC grants.
- Seven classrooms were equipped with LCD projectors.
- Students are provided text books through library book bank.

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

See 2.15 of Part-A

**7.3 Give two Best Practices of the institution:**

- Introduction of Industry Interface Cell (IIC) for the students to explore industrial aspects accessible in proximity, to acquaint them regarding the latest trends in industry and job opportunities after graduation or post graduation.
- The College has introduced Remedial Coaching Classes for SC/ST/OBC students from poor and financially weaker background. Apart from this environmental science, computer application, nanotechnology, public health, sports and practices, journalism, structure of India, fundamental rights and duties, travel and tourism, Gandhian philosophy are introduced as elective course.

**7.4 Contribution to environmental awareness / protection**

- Our College is very sensitive to environmental issues. The students of N.S.S., N.C.C. and nature club actively participate in environmental awareness rallies, lectures of eminent speakers, plantation programs in campus, involvement with forest department projects, cleanliness drives with NGOs and municipality.
- College observes World environment Day and Ozone Day by organizing plantation programs and talk.

**7.5 Whether environmental audit was conducted?**

Yes ☐ No ☒

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

**SWOT Analysis**

**Strength**

- One of the oldest reputed establishments.
- Trustees with highest academic credentials, industrial touch and global exposure.
- Qualified and experienced staff.
- Well equipped laboratories.
- Active IQAC.

**weakness**

- Rural, more passive (not active) flow with very limited input.
- Insufficient non-teaching staff.
- Shortage of laboratory staff and peons affecting laboratory work.
- The students don't use English author's reference books because of Gujarati medium.

**Opportunity**

- Plenty of land available.
- Online assignments and projects.
- Online teaching material.

**Threats:**

- Financial Crunches, biggest constraint.
- Time constraints with limited staff which affects research exposure.
- Challenges regarding training of Ad-hoc faculties.
- Maintenance of laboratories due to lack of laboratory staff and peon.

## **8. Plans of institution for next year**

- Up gradation of library facilities.
- More emphasis on research activities for students and faculty members.
- To enhance academic and career opportunities through add-on coaching of advanced computer education.
- More action oriented career counseling and placement cell.
- More stress on classroom teaching through ICT.
- To encourage faculty members to host and participate in seminars, workshops and conferences.

***Name : Kalpesh Trivedi***

***Name : Dr. V. S. Joshi***

\_\_\_\_\_  
***Signature of the Coordinator, IQAC***

\_\_\_\_\_  
***Signature of the Chairperson, IQAC***

\_\_\_\_\_\*\_\*\_\*\_\_\_\_

**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

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## Annexure-1

### ગુજરાત યુનિવર્સિટી અમદાવાદ

નં.એકેડેમિક/ ૩૧૨૭૦/૨૦૧૨

તા. ૨૯-૬-૨૦૧૨

પરિપત્ર:-

વિનયન,વિજ્ઞાન,વાણિજ્ય,શિક્ષણ અને કાયદા વિદ્યાશાખાની સંલગ્ન કોલેજોના આચાર્યશ્રીઓ

શ્રીમાન,

શ્રી.વર્ષ.૨૦૧૨-૧૩ માટે સત્રોની ગોઠવણી ઓર્ડિ-૭૫માં જે નિયત કરવામાં આવી છે તે મુજબ સત્રોની ગોઠવણી નીચે પ્રમાણે રાખવા કુલપતિશ્રીના આદેશાનુસાર જણાવવામાં આવે છે.

ક્રમ	વર્ષ	તારીખ	કામગીરીના દિવસો
૧	પ્રથમ સત્ર:( તૃતીય વર્ષ માટે)	૧૫-૬-૨૦૧૨ થી ૧૦-૧૧-૨૦૧૨	૧૨૦
૨	પ્રથમ સત્ર:I/III Sem:	૦૧-૦૭-૨૦૧૨ થી ૧૦-૧૧-૨૦૧૨	૧૦૬
૩	દિવાળી વેકેશન	૧૧-૧૧-૨૦૧૨ થી ૦૨-૧૨-૨૦૧૨	૨૧(+૧ રવિવાર)
૪	દ્વિતીય સત્ર(તૃતીય વર્ષ માટે)	૦૩-૧૨-૨૦૧૨ થી ૨૬-૦૪-૨૦૧૩	૧૧૬
૫	દ્વિતીય સત્ર (Sem II & IV)	૦૧-૦૧-૨૦૧૩ થી ૨૦-૦૪-૨૦૧૩	૮૬
૬	ઉનાળુ વેકેશન	૨૭-૦૪-૨૦૧૩ થી ૧૪-૦૬-૨૦૧૩	૪૯

\*પ્રથમ અને દ્વિતીય વર્ષ (CBCS)ની આંતરિક તેમજ યુનિવર્સિટી (END SEMESTER EXAM) તથા તૃતીય વર્ષની કોલેજો દ્વારા લેવાનારી આંતરિક પરીક્ષા તથા યુનિવર્સિટી દ્વારા લેવાનારી વાર્ષિક પરીક્ષાઓ સહિતની તમામ પરીક્ષાઓ નીચે પ્રમાણે લેવાની રહેશે.

#### ૭: આંતરિક પરીક્ષા:

(અ)સેમેસ્ટર-I (પ્રથમ વર્ષ) અને સેમેસ્ટર-III (દ્વિતીય વર્ષ)ના CBCS આધારિત તમામ સંબંધિત અભ્યાસક્રમોમાં આંતરિક કસોટી દોઢ કલાકની ૫૦ ગુણની આંતરિક વિકલ્પ પદ્ધતિ દ્વારા પ્રથમ સત્રના અંત પહેલા એટલે કે તા.૧૦-૧૧-૨૦૧૨ સુધીમાં પૂર્ણ કરવાની રહેશે.જેમાં વધારાની કસોટીનો પણ સમાવેશ થાય છે.જે વિદ્યાર્થીઓ અગાઉના સેમેસ્ટરની આંતરિક પરીક્ષામાં નાપાસ થયા હોય તેમની પરીક્ષા પણ આ પરીક્ષાઓ સાથે ગોઠવવી.

(બ)સેમેસ્ટર II (પ્રથમ વર્ષ) અને સેમેસ્ટર IV (દ્વિતીય વર્ષ)ના CBCS આધારિત તમામ સંબંધિત અભ્યાસક્રમોમાં આંતરિક કસોટી દોઢ કલાકની ૫૦ ગુણની આંતરિક વિકલ્પ પદ્ધતિ દ્વારા બીજા સત્રના અંત પહેલા એટલે કે તા.૨૦-૪-૨૦૧૩ સુધીમાં પૂર્ણ કરવાની રહેશે.જેમાં વધારાની કસોટીનો પણ સમાવેશ થાય છે. જે વિદ્યાર્થીઓ અગાઉના સેમેસ્ટરની આંતરિક પરીક્ષામાં નાપાસ થયા હોય તેમની પરીક્ષા પણ આ પરીક્ષાઓ સાથે ગોઠવવી.

#### ૮:તૃતીય વર્ષ માટે:

(અ)તૃતીય વર્ષની તમામ સંબંધિત અભ્યાસક્રમોમાં પ્રથમ આંતરિક કસોટી દોઢ કલાકની ૫૦ ગુણની આંતરિક વિકલ્પ પદ્ધતિ દ્વારા પ્રથમ સત્રના અંત પહેલા એટલે કે તા.૧૦-૧૧-૧૨ સુધીમાં પૂર્ણ કરવાની રહેશે.  
(બ)તૃતીય વર્ષની તમામ સંબંધિત અભ્યાસક્રમોમાં દ્વિતીય આંતરિક કસોટી (પ્રિલીમનરી) ત્રણ કલાકની ૧૦૦ ગુણની આંતરિક વિકલ્પ પદ્ધતિ દ્વારા તેમજ વધારાની કસોટી તા.૧-૩-૨૦૧૩ સુધીમાં પૂર્ણ કરવાની રહેશે.પ્રિલીમનરી પરીક્ષાનું મૂલ્યાંકન કેન્દ્રસ્થ સમીને તા.૭-૩-૨૦૧૩ સુધીમાં પૂર્ણ કરવાનું રહેશે. વધારાની કસોટી પણ ત્રણ કલાક અને ૧૦૦ ગુણની રહેશે.

**Annexure-2**

**Student's Feedback Analysis**

Sr No	Particulars	Average %	Good %	Excellent %
1	Admission process	29.91	51.40	18.69
2	Office Administration Response	54.21	32.71	13.08
3	General Discipline	37.38	46.73	15.89
4	Teaching and General Behaviour of Faculty Members	28.97	43.93	27.10
5	Conduct of Examination and its Evaluation	15.89	44.86	39.25
6	Extracurricular, cultural and social activities	38.32	55.14	6.54
7	Administration and General Behaviour of Principal	16.82	39.25	43.93
8	Seminar, workshop, quiz and project work	26.17	50.47	23.36
9	Overall impression of institute	47.66	31.78	20.56
10	N.S.S., N.C.C. and sports activities	8.41	55.14	36.45
11	College library facilities	14.02	6.54	79.44
12	Non-teaching and laboratory staff services	29.91	52.34	17.76

**Target group: 201 final semester students**

**Annexure:3**

**Details on Impact factor of publications:**

<b>DR. J. A. CHAUDHARI (DEPT. OF CHEMISTRY)</b>				
<b>Sr. No.</b>	<b>Title</b>	<b>Journal</b>	<b>Impact Factor</b>	<b>ISSN</b>
1.	Material applications of novel interacting blends having S-triazine containing unsaturated Polyesters and epoxy resin residues	International Journal of ChemTech Research April-June 2012	H Index: 13	International ISSN : 0974-4290
2.	Novel s-triazine–epoxy resin curing system and their material applications.	Journal of Chemical Sciences, Biological Sciences and Physical Sciences. (An International Peer Review E-3 Journal of Sciences) May-July-2012	Global Impact Factor Year 2012 : 0.621	International e- ISSN: 2249 – 1929 Scientific journal impact Factor SJIF 2012: 3.406
3.	Studies on Synthesis, Characterization and Antibacterial Activity of Novel Coordination Polymers	Journal of Chemical, Sciences Biological and Physical Sciences (An International Peer Review E-3 Journal of Sciences) Nov-2012 January 2013	Global Impact Factor Year 2012 : 0.621	International e- ISSN: 2249 – 1929 Scientific journal impact Factor SJIF 2012: 3.406
4.	Physico-chemical assessment status of ground water of some villages of Petlad Tahsil.	Journal of Chemical and Pharmaceutical Research, 2012-2013	Global Impact Factor Year 2012 : 0.361	National ISSN : 0975-7384
5.	Studies on co-ordination polymers of 5,5'-(6-(diphenyl amino)-1,3,5-triazine-2,4-diyl) bis(azanediyl) diquinolin-8-ol	Der Pharma Chemica 2012-2013	---	National ISSN: 0975-413X

**Details on Impact factor of publications:**

<b>DR. R. T. JASRAI (DEPT. OF CHEMISTRY)</b>			
<b>Sr.No.</b>	<b>Title</b>	<b>Jounal</b>	<b>Status</b>
1	TO STUDY THE EFFECT OF MgCl <sub>2</sub> ON SEEDLING GROWTH AND BIOCHEMICAL CHANGES IN <i>Medicago sativa</i> VAR. ANAND-2, GUJARAT	<i>Bioscience Guardian</i> , 2(1), 2012, pp. 113-115.	ISSN:2277-9493 International Journal
2	Study of physico-chemical characterization of irrigation tanks and fishponds of Gujarat by statistical analysis	Pelagia Research Library Advances in Applied Science Research, 2012, 3 (3):1418-1422	ISSN: 0976-8610 CODEN (USA): AASRFC International Journal
3	Comparison of Antioxidant Enzymes Activity of Spirogyra Sp. and Oscillatoria Sp. under Heavy Metal Stress	International Journal of Green and Herbal Chemistry December 2012 – February 2013; Vol.2, No.1, 1-4.	E-ISSN: 2278-3229 International Journal Global Impact Factor 0.356
4	Heavy metal accumulation in Oscillatoria sp. induced biochemical response	Pelagia Research Library Advances in Applied Science Research, 2013, 4(3):182-185	ISSN: 0976-8610 CODEN (USA): AASRFC International Journal
5	Removal of cadmium, chromium and lead from filamentous alga of Pithophora sp. of industrial wastewater	International Journal of Environmental Sciences Year : 2012, Volume : 3, Issue : 1, PP.408-411	Online ISSN : 0976-4402. International Journal IJES IC VALUE 4.69
6	Bioremediation Potential of Spirogyra Sps & Oscillatoria Sps For Cadmium	Asian Journal of Biochemical and Pharmaceutical Research, Issue 2 (Vol. 2) 2012 Index coper nicus value: 9.0	ISSN: 2231-2560 CODEN (USA): AJBPAD International Journal Global Impact factor: 0.456
7	The Corrosion and Inhibition of copper and tin-lead alloy in acidic conditions	Journal of The Indian Council of Chemists, Vol.29, No.1 &2, 2012, pp 16-19	ISSN:0971-5037 National Journal



**Details on Impact factor of publications:**

<b>Dr. Snehal D. Shukla (Department of Mathematics)</b>				
Sr. No.	Title	Journal	Impact factor	ISSN
1.	Rough tilted pad slider bearing lubricated with a magnetic fluid.	Asian journal of science and technology. November-2012 Vol.4, No.11, pp.34-39	I.F.0.552	ISSN:0976-3336

#### **Annexure:4**

##### **The welfare schemes for students :**

- Free medical check up for first year students.
- Thalassemia check up facility for the students at subsidised rate.
- Hostel facility for boys and girls.
- College canteen within the campus to provide good quality of food.
- The College starts with prayer to bestow inner strength and peace of mind.
- Remedial coaching classes for SC., S.T. OBC and slow learners.
- Book bank facility for all the students in library.
- Online access available for the students in computer laboratory and library.
- Government scholarships for the SC., S.T. OBC and minority students. Scholarships to meritorious students.