

The Annual Quality Assurance Report (AQAR)
Year: 2012-2013



: Submitted By:
IQAC
SIR P. T. SCIENCE COLLEGE,
MODASA – 383315

DIST : SABARKANTHA (ARRAVALI),
GUJARAT



AFFILIATED TO
HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY, PATAN

To
National Assessment and Accreditation Council
Banglore

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

AQAR for the year

2012-2013

I. Details of the Institution

1.1 Name of the Institution

Sir P.T.Science College

1.2 Address Line 1

College Campus

Address Line 2

Dhansura Road

City/Town

MODASA

State

GUJARAT

Pin Code

383315

Institution e-mail address

Sirptscience127@gmail.com

Contact Nos.

02774-246410

Name of the Head of the Institution:

Dr.Kishor S.Pandya

Tel. No. with STD Code:

02774-246410

Mobile:

9825759666

Name of the IQAC Co-ordinator:

Dr.D.R.Fudani

Mobile:

09427694476

IQAC e-mail address:

iqac@sirptsciencecollege.org

1.3 NAAC Track ID (For ex. MHCOGN 18879)

GJCOGN12979

OR

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)

EC/41/65 dated10-02-2007

1.5 Website address:

www.sirptsciencecollege.org

Web-link of the AQAR:

http://sirptsciencecollege.org/iqar/aqar/AQAR2012-13.pdf

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 st Cycle	B+	3.04	2007	5Yr
2	2 nd Cycle	Applied			
3	3 rd Cycle				
4	4 th Cycle				

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

31/03/2007

1.8 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 -2008-09 Submitted NAAC on 31/12/2014__ (DD/MM/YYYY)4
- ii. AQAR-2009-10 Submitted NAAC on 08/01/2015__ (DD/MM/YYYY)
- iii. AQAR-2010-11 Submitted NAAC on_08/01/2015__ (DD/MM/YYYY)
- iv. AQAR-2011-12 Submitted NAAC on_16/01/2015__ (DD/MM/YYYY)
- v. AQAR-2012-13 Submitted NAAC on_17/01/2015 (DD/MM/YYYY)
- vi. AQAR-2013-14 Submitted NAAC on_____ (DD/MM/YYYY)

1.9 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

(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

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

Hemchandracharya North Gujarat
University, PATAN

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc –NO-

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="01"/>
2.3 No. of students	<input type="text" value="00"/>
2.4 No. of Management representatives	<input type="text" value="02"/>
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="00"/>
2.8 No. of other External Experts	<input type="text" value="00"/>
2.9 Total No. of members	<input type="text" value="11"/>
2.10 No. of IQAC meetings held	

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

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

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

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
1.Lan establishment	Executed

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

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	02			
PG	02			04+04
UG	03		01	12+12
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				01(Scope)
Others				
Total	07		01	33
Interdisciplinary				03
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	03+03=06
Trimester	
Annual	

1.3 Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

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

**Please provide an analysis of the feedback in the Annexure*

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

CBCS and Semester System applied in B.Sc. Semester-V

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
17	07	08	00	02

2.2 No. of permanent faculty with Ph.D.

13

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
7	2	08	4	00	00	02	01	17	07

2.4 No. of Guest and Visiting faculty and Temporary faculty

06

00

04

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	04	13	10
Presented papers	01	03	03
Resource Persons			

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

CBCS and Semester programme in B.Sc. Semester-V

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

150

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

Bar Coding

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

02

14

2.10 Average percentage of attendance of students

80%

2.11 Course/Programme wise
distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B,Sc.Sem-II	355					169
B.Sc.Sem-IV	479					357
B.Sc.Sem-VI	177	10	28	76	19	03

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

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	06
Summer / Winter schools, Workshops, etc.	02
Others	

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	03	00	00	00
Technical Staff	05	02	00	00

Criterion – III

3. Research, Consultancy and Extension

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

IQAC encourage faculty members to apply Minor Research Project in their respective subjects.

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	---	---	--	---
Outlay in Rs. Lakhs	---	---	---	----

3.4 Details on research publications

	International	National	Others
Peer Review Journals	02	02	01
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	--			
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				

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	--	--	--	---	---
Sponsoring agencies	---	---	---	---	---

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

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

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

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

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

03

07

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

03

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

Red Ribbon Club, Woollen Cloth Distribution to Needy, Blood Donation, Tree Plantation, Save Girl Child Rally, Visit to Rehabilitation centre for patients of Leprosy Etc.

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	18.29 Acre			18.29 Acre
Class rooms	07			07
Laboratories	09			09
Seminar Halls	01			01
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

Library and Office Computerize.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	265	80384	40	20820	305	101204
Reference Books	333	97406	93	17865	426	115271
e-Books	-	-	-	-	-	-
Journals	12	15450	-	-	12	15450
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	18	07	06	---	--	05	05	01
Added	17	17	05	----	--	---	---	----
Total	35	24	11			05	05	01

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

MAT Lab Programme for Maths Students

4.6 Amount spent on maintenance in lakhs :

i) ICT	<input type="text" value="---"/>
ii) Campus Infrastructure and facilities	<input type="text" value="---"/>
iii) Equipments	<input type="text" value="---"/>
iv) Others	<input type="text" value="---"/>
Total :	<input type="text" value="---"/>

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC takes keen interest in enhancing student support services like infrastructure facility, Scholarships, participation in seminars and various competitions, remedial classes, assignments, Classes for competitive exams, etc.

5.2 Efforts made by the institution for tracking the progression

Institution has made serious and continuous efforts to track the progression in achieving above mentioned suggestions of IQAC. Eligible students are given scholarships from gov. and other sources. Remedial classes are started for SC/ST/OBC & Minority students. Institution bears the expenses for sending the

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
786	46	07	840

(b) No. of students outside the state

(c) No. of international students

Men	No	%	Women	No	%
	542	64.52%		298	35.48%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
507	07	18	50	00	582	716	15	28	81	00	840

Demand ratio 44.33

Dropout %

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

Carrier Guidance cell/Employment information burro

No. of students beneficiaries

90

5.5 No. of students qualified in these examinations

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

5.6 Details of student counselling and career guidance

Advertisement of UPC,GPC, staff election and also the local competitive exams regularly display on the Notice board.

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	25	18	28

5.8 Details of gender sensitization programmes

Lectures and awareness programs are arranged by the Women Cell

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government	170(88+82)	630252/-
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 National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: _____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Our Vision:
To inculcate the students to analytical and compassionate, intellectually aspirant and reflective, synthesizing scientific temperament with humanistic wisdom and athitical values that builds spirit of humanity.

Our Mission:
TO PROVIDE STUDENTS WITH AN ENVIRONMENT FOR THE ALL-ROUND DEVELOPMENT OF THEIR MENTAL, PHYSICAL, AESTHETIC, SOCIAL, AND SPIRITUAL POTENTIALS, TOGETHER WITH THE ATTITUDES OF INTEGRITY, HARD-WORK, HONESTY, FAIRNESS AND TOLERANCE, SO THAT THEY GIVE OF THEIR VERY BEST. EXCELLENCE IN THESE FIELDS IS TO BE INTERPRETED IN TERMS OF PUTTING THE SKILLS DEVELOPED IN EACH AT THE SERVICE OF THE SOCIALLY DISCRIMINATED GROUPS IN OUR COUNTRY WITH A VIEW TO SETTING UP A SOCIETY WHERE ALL HAVE EQUAL OPPORTUNITY AS CHILDREN OF GOD.

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

Our faculty members of various departments are actively involved in framing of new Curriculum.

6.3.2 Teaching and Learning

Faculty members are actively involved in preparing Study materials and books in regional language.

6.3.3 Examination and Evaluation

Both internal and external examination conducted by our faculty members at our institute.

6.3.4 Research and Development

Major part of the faculty members involved in research

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library, Office ,Department lan connected .

6.3.6 Human Resource Management

Career counselling, UDISHA, Job Placement, Classes for competitive Exams, seminar organised by the institution for Human Resource Management

6.3.7 Faculty and Staff recruitment

No faculty is recruited in the recent year as it is dependent on the government policy. To cope up with demand of workload management recruited visiting faculties.

6.3.8 Industry Interaction / Collaboration

Industrial study tour and botanical study tour organized.

6.3.9 Admission of Students

It is completely based on merit. Admission process is done in accordance with the university and government rules. Students are attracted by the name and fame of the institution and the feedbacks of the past and present students.

6.4 Welfare schemes for

Teaching	√
Non teaching	√
Students	√

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done

Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic				
Administrative			YES	C.A

6.8 Does the University/ Autonomous College declares 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?

University have Board of Studies to made Examination /Syllabus reforms and our faculty members are involved in this forum.

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

Our university does not offer autonomy to any affiliated institution.

6.11 Activities and support from the Alumni Association

Felicitating the students by awards, sponsoring fees for the needy students and by offering services whenever is needed

6.12 Activities and support from the Parent – Teacher Association

No such formal association is in place in this institution.

6.13 Development programmes for support staff

1. Credit Society for both Teaching and Non-teaching staff.
2. Residential facility for both teaching and non-teaching staff.

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

Plantation is done on the campus every year.

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.

- 1.Seminar and projects are compulsory for the PG students.
- 2.Herbarium and assignments are prepared by the UG students.

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

1. Attracted maximum students from the college for SCOPE exams.

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

1. Student Welfare Schemes.
2. Proficiency in English through SCOPE

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

7.4 Contribution to environmental awareness / protection

Plantation, Save Water Campaign-Rain water harvesting, Environment Study as a subject - are some steps taken by the college for environmental awareness.

7.5 Whether environmental audit was conducted? Yes No

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

Institutional Strengths (S) :

- Team spirit
- Experienced and well Qualified Staff.
- Practice of Remedial Coaching.
- Creditable Academic Performance

Institutional Weaknesses (W) :

- Implement State Government / University Policy impulsion.
- Lack of teaching and non- teaching staff
- Excessive workload for the faculty members.

Institutional Opportunities (O) :

- Provision of Up gradation and Expansion of Physical and Supportive Infrastructure
- Provision to introduce new subject/Courses with the consent of the UGC/University.

Institutional Challenges (C) :

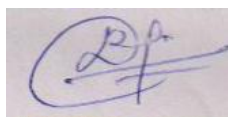
- Excessive Strength
- Quantitative Pressure of Assessment and Evaluation
- Heterogeneous Nature of classes and students
- coordinating with University and other external agencies.
- Lack of teaching and non- teaching staff

8. Plans of institution for next year

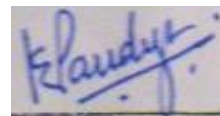
Classroom Digitalization

Name Dr.D.R.Fudani

Name Dr.K.S.Pandya



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
