The Annual Quality Assurance Report (AQAR)
Year: 2010-2011

: 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

2010-2011

1. 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 dated10-2-2007

1.5 Website address:

www.sirptsciencecollege.org

Web-link of the AQAR:

http://sirptsciencecollege.org/iqar/aquar/AQAR2010-11.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	1st Cycle	B+	3.04	2007	5Yr
2	2nd Cycle	Applied			
3	3rd Cycle				
4	4th 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 2010-11submitted to NAAC on 12-10-2011*)

   i. AQAR -2008-09 Submitted NAAC on 31/12/2014__ (DD/MM/YYYY)
   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_____ _____ (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	06
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	00
2.4 No. of Management representatives	02
2.5 No. of Alumni	01
2. 6 No. of any other stakeholder and community representatives	01
2.7 No. of Employers/ Industrialists	00
2.8 No. of other External Experts	00
2.9 Total No. of members	11

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. | 04 | Faculty | 01 |

Non-Teaching Staff Students | 01 | Alumni | 01 | Others | 01(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

Total Nos. [ ]   International [ ]   National [ ]   State [ ]   Institution Level | 01 |

(ii) Themes | Computer Training |

2.14 Significant Activities and contributions made by IQAC

| 1.Orientation programme for B.Sc. Sem-I students (CBCS) |
| 2.Exit meeting for T.Y.B.Sc. & M.Sc. 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 *

Plan of Action	Achievements
1.Internet Facilities in Library	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

| Has been approved by statutory body. |

Part – B

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	02			
PG	02			
UG	03		01	03
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	07	00	01	03

Interdisciplinary				
Innovative				

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

Pattern	Number of programmes
Semester	01
Trimester	
Annual	02

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.

> HNGU started CBCS & Semester programme in B.Sc. Sem-I

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
16	6	08	00	02

2.2 No. of permanent faculty with Ph.D.

11

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
06	01	10	02	00	00	00	00	16	03

2.4 No. of Guest and Visiting faculty and Temporary faculty   03   00   04

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	05	11	04
Presented papers	01	01	01
Resource Persons	00	00	00

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

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

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

162

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

MCQ & SQ

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

02   12

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-1	222	02	04	54	38	47
S.Y.B.Sc	140	06	08	74	29	15
T.Y.B.Sc	106	12	25	47	15	---

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

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	02
Summer / Winter schools, Workshops, etc.	01
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	--	--	--
Technical Staff	07	--	--	--

Criterion – III

3. Research, Consultancy and Extension

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

IQAC encourages faculty members to pursue research in their respective subjects.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	00	00	00
Outlay in Rs. Lakhs	00	00	00	00

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	01	--	--
Non-Peer Review Journals	--	--	--
e-Journals	07	01	--
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 *(other than compulsory by the University)*	--			
Any other(Specify)	--			
Total	--			

☐

3.7 No. of books published   i) With ISBN No. [01]   Chapters in Edited Books [00]

ii) Without ISBN No. [02]

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   `02`
   and students registered under them   `06`

3.19 No. of Ph.D. awarded by faculty from the Institution   `01`

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 `03`   State level `00`

National level `00`   International level `00`

3.22 No. of students participated in NCC events:

University level `---`   State level `12`

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 Rehabilitisation 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				
No. of important equipments purchased (≥ 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 automation in process.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	203	66480	26	8239	229	74719
Reference Books	37	23344	18	10030	55	33374
e-Books	-	-	-	-	-	-
Journals	08	10920	02	2480	10	13400
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Other	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	06	---	06	--	--	05	---	01
Added	07	---	---	--	--	---	---	07
Total	13	---	06	--	---	05	---	08

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

4.6 Amount spent on maintenance in lakhs :

i) ICT   -----

ii) Campus Infrastructure and facilities   ----

iii) Equipments   -----

iv) Others (Furniture)   3500/-

Total :   3500/-

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 ezxpenses for sending the students for attending seminars and participating in various competitions.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
459	41	06	506

(b) No. of students outside the state

--

(c) No. of international students

Men
No	%
329	65.01

Women
No	%
177	34.98

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
351	14	14	34	00	413	222	28	55	201	00	506

Demand ratio   22.52%   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

68

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   `200`

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
01	22	04	

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 `65`   National level `05`   International level `---`

No. of students participated in cultural events

State/ University level `15`   National level `---`   International level `---`

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

Sports : State/ University level | 02 | National level | 00 | International level | 00 |

Cultural: State/ University level | --- | National level | --- | International level | --- |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	00	
Financial support from government	150(85+65)	410520/-
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 | 02 |

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

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 automation is in process.

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

04 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 Nob-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 sprit • 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.
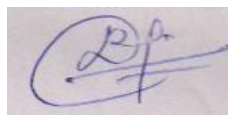```
Institutional Challenges (C) :
```
• Excessive Strength
• Quantitative Pressure of Assessment and Evaluation
• Heterogeneous Nature of classes and students
• coordinating with University and other external agencies.
• Lack of teaching and non- teaching staff

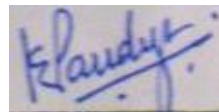## 8. **Plans of institution for next year**

1. Computer lab establishment

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 |

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