

## The Annual Quality Assurance Report (AQAR) of the IQAC 2011-12

### Part – A

AQAR for the year (for example 2013-14)

2011-12

#### I. Details of the Institution

1.1 Name of the Institution

*Narmada College of Science and Commerce*

1.2 Address Line 1

*Shuklatirth Road*

Address Line 2

*Zadeshwar*

City/Town

*Bharuch*

State

*Gujarat*

Pin Code

*392011*

Institution e-mail address

[principal@narmadacollege.ac.in](mailto:principal@narmadacollege.ac.in)  
[narmada\\_college@yahoo.co.in](mailto:narmada_college@yahoo.co.in)

Contact Nos.

*+91 2642 231930*

Name of the Head of the Institution:

*Dr. B M Rawal*

Tel. No. with STD Code:

*+91 2642 231930*

Mobile:

*9327295433*

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHC0GN 18879)

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)

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B+	79.00	2007	5 Yrs
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

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

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 2007-08 submitted to NAAC on 21-05-2008 (DD/MM/YYYY)
- ii. AQAR 2008-09 submitted to NAAC on 16-12-2011 (DD/MM/YYYY)
- iii. AQAR 2009-10 submitted to NAAC on 16-12-2011 (DD/MM/YYYY)
- iv. AQAR 2010-11 submitted to NAAC on 16-12-2011 (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

(e.g. 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)

*Faculty of Information and Technology*

1.11 Name of the Affiliating University (for the Colleges)

*Veer Narmad South Gujarat University, Surat, Gujarat*

1.12 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	<input type="text" value="NO"/>	UGC-CE	<input type="text" value="NO"/>
UGC-Special Assistance Programme	<input type="text" value="NO"/>	DST-FIST	<input type="text" value="NO"/>
UGC-Innovative PG programmes	<input type="text" value="NO"/>	Any other (Specify)	<input type="text" value="--"/>
UGC-COP Programmes	<input type="text" value="NO"/>		

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

2.1 No. of Teachers	<input type="text" value="5 + 1 (Librarian)"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="2"/>
2.3 No. of students	<input type="text" value="3"/>
2.4 No. of Management representatives	<input type="text" value="2"/>
2.5 No. of Alumni	<input type="text" value="3"/>
2.6 No. of any other stakeholder and Community representatives	<input type="text" value="1"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="--"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="18"/>
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

*The following were planned and considered for the institutional growth*

1. *Improvement of library services*
2. *Technological upgradation*
3. *Increase in infrastructure*
4. *Support to research activities*
5. *Encouragement to Extension activities*

*The head of the institution in coordination with the various stakeholders had focused on the above mentioned agenda of IQAC. This resulted in the fulfilment of the action plan*

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 \*

<i>Plan of Action</i>	<i>Achievements</i>
1. <i>Improvement of library services</i>	<ul style="list-style-type: none"> <li>• <i>Data entry work for soul in progress</i></li> <li>• <i>Increase in the use of N-List facility</i></li> <li>• <i>Floating library project initiated</i></li> </ul>
2. <i>Technological upgradation</i>	<ul style="list-style-type: none"> <li>• <i>On line admission through website of the college</i></li> <li>• <i>Process of installation of security and attendance systems.</i></li> </ul>
3. <i>Increase in infrastructure</i>	<ul style="list-style-type: none"> <li>• <i>Setting up of language lab</i></li> </ul>

4. <i>Support to research activities</i>	<ul style="list-style-type: none"><li>• <i>Stationary shop</i></li></ul>
5. <i>Encouragement to Extension activities</i>	<ul style="list-style-type: none"><li>• <i>New minor research projects</i></li><li>• <i>Enrolment of students for M Phil and Ph D</i></li><li>• <i>Undertaken the project of Narmada Samagra</i></li></ul>

\* *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**

**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	00	00	00
PG	02	00	00	00
UG	06	00	03	00
PG Diploma	00	00	00	00
Advanced Diploma	00	00	00	00
Diploma	00	00	00	00
Certificate	01	00	00	00
Others	00	00	00	00
<b>Total</b>	<b>11</b>	<b>00</b>	<b>03</b>	<b>00</b>
Interdisciplinary				
Innovative				

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

Pattern	Number of programmes
Semester	08
Trimester	00
Annual	00

- 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.

Implementation of CBCS system in line with UGC / University guidelines

- 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	<i>Total</i>	<i>Asst. Professors</i>	<i>Associate Professors</i>	<i>Professors</i>	<i>Others</i>
	31	02	29	NA	--

2.2 No. of permanent faculty with Ph.D. 16

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	<i>Asst. Professors</i>		<i>Associate Professors</i>		<i>Professors</i>		<i>Others</i>		<i>Total</i>	
	<i>R</i>	<i>V</i>	<i>R</i>	<i>V</i>	<i>R</i>	<i>V</i>	<i>R</i>	<i>V</i>	<i>R</i>	<i>V</i>
	0	0	0	0	0	0	0	0	0	0

2.4 No. of Guest and Visiting faculty and Temporary faculty 05 09

2.5 Faculty participation in conferences and symposia:

<i>No. of Faculty</i>	<i>International level</i>	<i>National level</i>	<i>State level</i>
<i>Attended</i>	05	02	01
<i>Presented papers</i>	04	02	01
<i>Resource Persons</i>	00	00	00

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

- *Introduction of MOOCS courses as an innovation*
- *Participation of students in courses offered by edx from Berkley, California*

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) *Signature of the student on the answer book shown after evaluation*

2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 07 03 01

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.	112	7	20	51	07	85
B.Com.	192	01	10	33	27	71
B.B.A.	90	17	41	19	00	86
B.C.A	22	00	23	64	13	100
M.Sc.	27	00	65	27	08	100
M.Com.	65	07	38	27	07	79

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

*The IQAC meets regularly with the agenda chalked out in the beginning of the academic year and takes note of any development. It also motivates and encourages the students and faculty members to get involved in the process. The Principal, also the chairman of IQAC, initiates, supports and co-ordinates any such process*

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	03
UGC – Faculty Improvement Programme	Fellowship under FIP was completed in 2010 for Ph.D., viva voce due
HRD programmes	nil
Orientation programmes	02
Faculty exchange programme	nil
Staff training conducted by the university	Workshop attended by all the staff members, organized by Veer Narmad South Gujarat University and Knowledge Consortium of Gujarat on “Choice Based Credit System” in 2012
Staff training conducted by other institutions	Six Days residential training for capacity building conducted by KCG was attended by 10 staff members

<i>Summer / Winter schools, Workshops, etc.</i>	<i>33</i>
<i>Others</i>	<i>00</i>

2.14 Details of Administrative and Technical staff

<i>Category</i>	<i>Number of Permanent Employees</i>	<i>Number of Vacant Positions</i>	<i>Number of permanent positions filled during the Year</i>	<i>Number of positions filled temporarily</i>
<i>Administrative Staff</i>	<i>17</i>	<i>02</i>	<i>00</i>	<i>02</i>
<i>Technical Staff</i>	<i>04</i>	<i>02</i>	<i>00</i>	<i>00</i>

**Criterion – III****3. Research, Consultancy and Extension**

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

The faculty members were motivated to take up the UGC's research projects by IQAC. Two Minor Research Projects were taken up from the Physics and the Electronics Departments.

## 3.2 Details regarding major projects - NA

	<i>Completed</i>	<i>Ongoing</i>	<i>Sanctioned</i>	<i>Submitted</i>
<i>Number</i>	00	00	00	00
<i>Outlay in Rs. Lakhs</i>	00	00	00	00

## 3.3 Details regarding minor projects

	<i>Completed</i>	<i>Ongoing</i>	<i>Sanctioned</i>	<i>Submitted</i>
<i>Number</i>	00	Two	00	00
<i>Outlay in Rs. Lakhs</i>	00	One Lac for each	00	00

## 3.4 Details on research publications

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

## 3.5 Details on Impact factor of publications: Not Available

Range  Average  h-index  Nos. in SCOPUS

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

<i>Nature of the Project</i>	<i>Duration Year</i>	<i>Name of the funding Agency</i>	<i>Total grant sanctioned</i>	<i>Received</i>
<i>Major projects</i>				
<i>Minor Projects</i>	2009-2011	UGC	230000	230000
<i>Interdisciplinary Projects</i>				
<i>Industry sponsored</i>				
<i>Projects sponsored by the University/ College</i>				
<i>Students research projects (other than compulsory by the University)</i>				
<i>Any other(Specify)</i>				
<i>Total</i>				

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: NA

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

<i>Level</i>	<i>International</i>	<i>National</i>	<i>State</i>	<i>University</i>	<i>College</i>
<i>Number</i>	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>	<i>Nil</i>
<i>Sponsoring agencies</i>					

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

<i>Type of Patent</i>		<i>Number</i>
<i>National</i>	<i>Applied</i>	<i>Nil</i>
	<i>Granted</i>	<i>Nil</i>
<i>International</i>	<i>Applied</i>	<i>Nil</i>
	<i>Granted</i>	<i>Nil</i>
<i>Commercialised</i>	<i>Applied</i>	<i>Nil</i>
	<i>Granted</i>	<i>Nil</i>

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

06

04

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

Nil

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

JRF Nil SRF Nil Project Fellows Nil Any other Nil

3.21 No. of students Participated in NSS events:

University level 134 State level 59  
National level 02 International level Nil

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 02 State level 00  
National level 01 International level 00

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	<input type="text" value="00"/>	College forum	<input type="text" value="05"/>		
NCC	<input type="text"/>	NSS	<input type="text" value="06"/>	Any other	<input type="text" value="00"/>

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

- *A test of Thalassemia for 728 students was performed in association with Red Cross, Ahmadabad and Rotary club, Bharuch on 15<sup>th</sup> Feb, 2011.*
- *100 boys and girls participated in awareness drive of cleanliness on Narmada river at Kabirwad ,in association with Rotary Club ,Bharuch on 29-08-2011*
- *119 volunteers gave their service at Khel Maha kumbh for Special child , organised by KALARAV ,BHARUCH and State Govt. Gujarat on 11-10-2011.*
- *59 students participated at state level celebration of 150<sup>th</sup> birth anniversary of Swami Vivekananda at Gandhinagar on 12-01-2012.*
- *Blood donation camp organised in association with Rotary Club ,Bharuch on 25-01-2012*
- *Narmada Samagra, a NGO organised Panch kosi yatra and our students participated in this event for environment awareness .*

## 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	16.4 acres	Nil	NA	16.4 acres
Class rooms	16	Nil	NA	16
Laboratories	12	Nil	NA	12
Seminar Halls	01	Nil	NA	01
No. of important equipments purchased ( 1-0 lakh) during the current year.	04	Nil	NA	04
Value of the equipment purchased during the year (Rs. in Lakhs)	8.5 Lac	Nil	NA	8.5
Others				

#### 4.2 Computerization of administration and library

- All administrative work including online admissions is computerised.
- Computerisation (SOUL software installed) of Library is in progress.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	11942	16,71,880	742	1,68,116	12684	18,39,996
Reference Books	3480	487200	146	52,106	3626	5,39,306
e-Books				97000		97,000
Journals	26	25,932	45	31,782	71	57,714
e-Journals				6000		6,000
Digital Database						0
CD & Video	28	--	100	-		
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Other s
Existing	117	04	01	nil	02	02	25 dell 30 bba	Soil Testi

							60 cs 115 Total	ng lab
Added	46	nil	29	03	nil	04	42	nil
Total	163	04	30	03	02	06	157	

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

- Two days workshop on ICT organised for training the soft skills of the faculty members.
- With the assistance of the computer department informal training sessions were organised from time to time.

4.6 Amount spent on maintenance in lakhs:

i) ICT	1.00 lacs
ii) Campus Infrastructure and facilities	12.5 lacs
iii) Equipments	4.5 lacs
iv) Others	4.16 lacs
<b>Total:</b>	<b>22.16 lacs</b>



**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- *IQAC takes care for getting the feedback of the outgoing students every year and then the course of action is decided accordingly.*
- *Co-ordinates with the library for expediting the entries of SOUL Software so as to Facilitate students as soon as possible.*

5.2 Efforts made by the institution for tracking the progression

- *Data of the outgoing students opting for any PG course can be collected from the details in their Transfer Certificates.*

5.3 (a) Total Number of students

<i>UG</i>	<i>PG</i>	<i>Ph. D.</i>	<i>Others</i>
1450	151	5	2 (M Phil)

(b) No. of students outside the state

10

(c) No. of international students

Nil

Men		<table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 2px;"><i>No</i></td> <td style="padding: 2px;"><i>%</i></td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	<i>No</i>	<i>%</i>			Women		<table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 2px;"><i>No</i></td> <td style="padding: 2px;"><i>%</i></td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	<i>No</i>	<i>%</i>		
<i>No</i>	<i>%</i>												
<i>No</i>	<i>%</i>												

<i>Last Year</i>						<i>This Year</i>					
<i>General</i>	<i>SC</i>	<i>ST</i>	<i>OBC</i>	<i>Physically Challenged</i>	<i>Total</i>	<i>General</i>	<i>SC</i>	<i>ST</i>	<i>OBC</i>	<i>Physically Challenged</i>	<i>Total</i>
1005	104	80	426	04	1619	1008	103	76	418	03	1608

Demand ratio 4:1      Dropout % 18.12

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

- *Free coaching for Common Admission Test (CAT) for the outgoing undergraduate students is conducted in Narmada College of Management, a sister college in the campus..*
- *Expert lectures are held regularly.*
- *Reference books and magazines for competitive exams are provided.*
- *Classes for SCOPE are conducted.*

No. of students beneficiaries

*Approximately 200 final year students*

5.5 No. of students qualified in these examinations : No data available

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

5.6 Details of student counselling and career guidance

- The institution has a Career Guidance Centre named DISHA.
- 'DISHA' is the career counseling cell that orients the students for campus placement by grooming them for the campus interviews
- Orientation coaching for CS/ICWA/CAT is conducted by various outside agencies
- Students are informed about the available job opportunities.

No. of students benefitted

*Approximately 200 final year students*

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
<i>Number of Organizations Visited</i>	<i>Number of Students Participated</i>	<i>Number of Students Placed</i>	<i>Number of Students Placed</i>
<i>09</i>	<i>50</i>	<i>18</i>	<i>Not Available</i>

5.8 Details of gender sensitization programmes

*Various activities like debate, elocution, rangoli, poster, drawing, essay competition, drama etc. are organised on the themes of gender sensitization issues regularly.*

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

	<i>Number of students</i>	<i>Amount</i>
<i>Financial support from institution</i>	<i>Nil</i>	<i>Nil</i>
<i>Financial support from government</i>	<i>136</i>	<i>3,40,145</i>
<i>Financial support from other sources</i>	<i>Nil</i>	<i>Nil</i>
<i>Number of students who received International/ National recognitions</i>	<i>Nil</i>	<i>Nil</i>

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: NIL

## **Criterion – VI**

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

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

*Vision*

*Institute Par Excellence, poised to the aspirations of the 21<sup>st</sup> century in the field of Science, Technology and Commerce through value based quality education.*

*Mission*

*To serve as a launching pad for the aspiring learners to fulfil the needs of the industries and the society by equipping them with requisite knowledge and skills through value based education.*

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

*YES,*

- *For online admissions e-mahavidhyalaya's software is used. It is integrated with the college web-site*
- *Fee collection is done only through e-mahavidhyalaya's software.*

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

##### 6.3.1 Curriculum Development

*The curriculum of various subjects are designed by the board of studies of the universities.*

##### 6.3.2 Teaching and Learning

- *The assignments, group assignments/projects, case-studies etc. are given to the students as a part of continuous evaluation.*
- *Exercise of mock interviews is conducted*
- *Industrial visits to 'Videocon, GNFC and Dudhdhara Dairy' are organised.*
- *The collegiate and inter collegiate events like CHEMFEST (Chemistry), FLEDGERS (Computer Science) and ANVESHAN (BBA) are organised.*
- *The students participate in various inter collegiate competitions and prestigious events like INTELLECTUS conducted by H.L.College of Ahmedabad.*
- *The teachers enhance their quality and capacity by attending/presenting in seminars/conferences*

6.3.3 Examination and Evaluation

*The examination and evaluation process is done as per norms of the university.*

6.3.4 Research and Development

- *Teachers are actively involved in guiding the students for M.phil and PhD*
- *Three minor research projects are in progress*
- *The faculty members present and publish research papers*

6.3.5 Library, ICT and physical infrastructure / instrumentation

- *The ICT based teaching and learning is encouraged and supported. Hence more class rooms equipped with LCB projectors.*
- *SOUL software installation in progress*
- *N-list facility is developed and utilised by students and faculty members.*
- *E-Resources/books made available*

6.3.6 Human Resource Management

*The College is a place that gives ample opportunity to faculty and staff to display their skills as well as provides good exposure to nurture their potentials. Recognizing the competence and capability of each individual the suitable portfolios are allotted. Similarly, student secretaries are selected as per his/her interest and aptitude.*

6.3.7 Faculty and Staff recruitment

*Staff recruitment is done as per the UGC and the affiliating norms. However the state government taking the cost cutting measures has not granted any new posts during the year and the college has recruited 12 visiting faculty as per norms and the salary is paid to them as per norms*

6.3.8 Industry Interaction / Collaboration

- *The various projects assigned to the students necessitate the interaction.*
- *The college organizes industry visits for the professional exposure to the students.*
- *People from the various industries are invited to deliver the lectures and conduct workshops.*
- *Various industries visit the campus for the purpose of placement.*

6.3.9 Admission of Students

Online admission system is being used.

6.4 Welfare schemes for

Teaching	Co-Op society
Non teaching	Co-Op society
Students	Awards(cash +medals)

6.5 Total corpus fund generated

1,00,00,000

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	No	-	-	-
Administrative	No	-	-	-

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

For UG Programmes

Yes

No

For PG Programmes

Yes

No

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

NA

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

Formal Meetings of the past students of BBA/Chemistry are held but there is no registered Alumni Association

6.12 Activities and support from the Parent – Teacher Association

NA

6.13 Development programmes for support staff

- *Allowed to attend the capacity building-programmes.*
- *Provided with the facilities of computer and internet.*
- *Encouraged to attend the seminars and conferences for which the registration fees are reimbursed*

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

- *Plantation done regularly*
- *Energy audit by GNFC*

## 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.

- *Involvement in extension activities with the NGO 'Narmada Samagra'.*
- *Technological upgradation of the institute.*
- *Enrolment of the students and teachers in N-list for e-recourses.*
- *Regular annual submission of the self appraisal of the teachers initiated.*
- *Registration of the students and faculty members for the online courses like ed.X from Berkley University, California.*

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

- *Augmentation of the library services in progress.*
- *Planning of the centralised library for all regular and self-financed courses in campus.*
- *Online admissions.*
- *Upgradation of the college website.*

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

- *Paryavaran Panchkosi Yatra. (Annexure I)*
- *Learning Centre Initiatives. (Annexure I)*

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

7.4 Contribution to environmental awareness / protection

- *Tree plantation.*
- *Participation in the activities of 'Narmada Samagra'.*

7.5 Whether environmental audit was conducted?    Yes     No



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

<p><u>Strengths</u></p> <ul style="list-style-type: none"><li>• The good discipline of the campus is the noticeable strength of the institution.</li><li>• Most of the faculties are involved in some or the other research activities.</li><li>• The implementation of CBCS from the university in line with the UGC directives gave a new form to the academic activities of the institution. The members of the BOS actively contributed in redesigning the syllabus as per the CBCS.</li></ul> <p><u>Weaknesses</u></p> <ul style="list-style-type: none"><li>• The college has been striving to establish its Alumni Association for last five years. Not all the departments could initiate their contribution to it.</li><li>• The automation of the library progresses very slow, though for sure.</li></ul> <p><u>Opportunities</u></p> <ul style="list-style-type: none"><li>• The government of Gujarat has formed the knowledge consortium of Gujarat to enhance the all round development of the students. Various programs were taken up by the college under KCG.</li></ul> <p><u>Challenges</u></p> <ul style="list-style-type: none"><li>• The institute has paid due heed to the quality enhancement in all respects and has been progressing steadily, though much is left to be done for technological, infrastructural as well as academic upgradation.</li></ul>
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## 8. Plans of institution for next year

<p>The institution intends to extend its developmental work which is already being carried out in the college. The college is planning to expand its infrastructural facility in terms of a research centre, girls' hostel, auditorium and face-lift of the staff common room and Wi-Fi facility in the campus. Some new courses are also in pipeline.</p>
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Dr. K S Shah

Dr. B M Raval

Coordinator, IQAC

Chairperson, IQAC

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## ***Paryavaran Panchkosi Yatra – Narmada College Annexure I***

### ***Goal***

*We adopted Paryavaran Panchkosi Yatra of Narmada Samagra in order to contribute towards the protection, conservation and caring for the river's growth and development.*

*The following were the prime objectives under consideration:*

- *Providing the first hand on-field exposure to the students about nature and environment and the effect of human interference on them.*
- *Spreading awareness about the well-being of Maa Narmada and our interference with the environment and its impact on the climate and our life among the people alongside the banks of Narmada.*
- *Carrying out some research inputs and primary surveys for*
  - ✓ *Re-fixing up the routes of the Narmada Parikrama in Gujarat Region*
  - ✓ *River health index*

### ***The Context***

*Narmada is a perpetual flow of religious traditions and spiritual consciousness in the heart of India. The great river, historically much older than even the great Ganges, is also the hub of Indian culture, civilization and rituals. She is considered a living deity with whom people interact and communicate at mental and spiritual level. Narmada means one that provides happiness and joy. Located on the bank of Narmada our institute becomes part of the great civilization living by both the sides of the river. The river runs through hills, dense forests, gorges, the vines, rocky patches, caves, plateaus and plains, in all covering 1312 km. Hence, automatically becomes a hub of bio-diversity in all varieties and species. Though Mother Narmada is heartily worshipped by the people, she is harmed and her purity polluted too, knowingly or unknowingly.*

*Her existence itself is endangered in the long run due to continued contamination of her water, deforestation and mining activities in the catchment area. Being a part of the civilization, it becomes the duty and responsibility of the society to be concerned about her well being. We should work for her protection, conservation and also to spread awareness among people about it.*

*Many organizations are active for such a noble cause. "Narmada Samagra" is a leading NGO devoted and dedicated to work on all the aspects of the river. Recognizing the responsibility, our College got associated with the activities of "Narmada Samagra".*

### ***The Practice***

*Paryavaran Panchkosi Yatra has been formulated on the line of Narmada Parikrama on the smaller scale. Narmada Parikrama is a special kind of river pilgrimage of circumambulation of the river Narmada which is popular in central India. It is an age-old tradition which involves walking along side the river Narmada from her origin Amarkantak to the sea, crossing to the other side and walking back to her origin.*

*The idea of Panchkosi Yatra was proposed and conceptualized in 2009 as a result of active discussions at the College level. The students interested in this activity were identified and groomed for the task. The project commenced from 2010.*

<i>Year</i>	<i>Number of Groups</i>	<i>Number of Students</i>	<i>Number of routes</i>
2010-11	24	139	12
2011-12	30	306	12

*The Paryavaran Panchkosi Yatra is a program carried out every year fulfilling the objectives of Narmada Samagra. Under this program, the students are required to walk five “kos” (20 km approx.) alongside Narmada. The students set out for this Yatra in groups and complete it in two days. During their visit, the members of the groups are supposed to visit villages and towns en route and discuss with the people various issues pertaining to the protection and conservation of the river. The groups are also supposed to find out the causes of her pollution and the measures to curb the sources of pollution thereby creating an environment of awareness. The awareness campaign is thus initiated and the local people are also involved in it.*

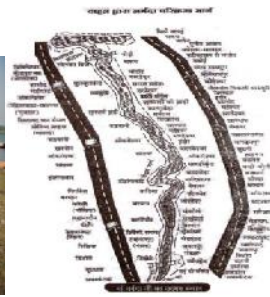
*The students are divided into groups of five to six on an average. Each group has a coordinator. The groups are motivated, trained and assigned different segments, each covering almost 20 km of the length of the river on both the banks. They set out on different locations as per the schedule given. They visit villages and towns on their way and talk about various aspects of river pollution in the “Chaupal” (a gathering of leading people of the village). They find out the causes of pollution and suggest measures to control it and create an atmosphere to initiate action. They are advised to meet the saints, “parikramavasis”; visit the “maths” and “ashrams” en route and receive support and guidance from the enlightened souls. The students walk on foot and are usually welcome warmly by the villagers and are provided food and shelter as part of the tradition of “parikrama”. The students did not have to bear any expenses for their yatra. The people actively participated and contributed to the noble cause by their philanthropy.*

*During the Yatra, they also carry out the surveys. They surveyed on two different aspects:*

- I. Narmada Path Sarvekshan (Parikrama Path Survey)*
- II. Nadi Swasthya Prapatra (River Health Index)*

*The students prepare their group wise reports and many present their work through power point presentations too. It is made a part of the curriculum assignment work. The Yatra and the survey reports are submitted to Narmada Samagra. The compilation and analysis of these reports are done at the core level of Narmada Samagra.*

*The Narmada Samagra brings out a quarterly bulletin on the various aspects and activities of the project. The 4<sup>th</sup> issue of the first year has mentioned some of the views of the participants of our College.*



## *Learning Centric Initiatives*

### *Goal*

*The institute has always zealous to bring into practice new trends in academics. The thrust of education is generally towards teaching. However, the recent paradigm shift is towards learning centric education. The college has continuously evolved the learning process through new initiatives.*

### *The Context*

*With the introduction of ICT based education the focus is expected to be on using ICT based teaching and learning aids. Exploring the new learning initiatives in ICT based education the faculty members came across the self learning online tools offered by various organizations under MOOCs (Massive Open Online Courses)*

*The advantages of this new initiative are as follows:*

- Anytime anywhere learning*
- Pause and repeat the e-resource*
- Review the material wherever and whenever required*
- The e-resource is available online for generations together*
- Possibility to flip the classroom to interactive learning mode*
- Re-conceptualization of the educational methods and modes*
- One can learn at one's own pace*
- Instant feedback*
- Teaching moments are converted into learning outcomes*

### *Practice*

*The faculty members and students were informed about the existence of such courses and were motivated to enroll for the enrichment of their knowledge and enhancement of their skills. Grabbing this opportunity several students and faculty members of our College got enrolled for some of these courses.*

### *Problems envisaged and resources required*

*Not everybody has an access to Internet connection and computer resources anywhere anytime as a prerequisite for these courses. Despite this limitation many students and faculty members were motivated to register for the course.*