The Annual Quality Assurance Report (AQAR) of the IQAC 2013-14

Part – A

AQAR for the year *(for example 2013-14)* | *2013-14* |

1. 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 <br> 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:

Dr. K S Shah

Mobile:

9998010682

IQAC e-mail address:

ncsckss@gmail.com

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

GJCOGN13164

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:

www.narmadacollege.ac.in

Web-link of the AQAR:

http://www.narmadacollege.ac.in/new/index.php/about-us/iqac-report

1.6 Accreditation Details

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

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

01 January 2008

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 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   *NO*

University with Potential for Excellence   *NO*   UGC-CPE   *NO*

DST Star Scheme	*NO*	UGC-CE	*NO*
UGC-Special Assistance Programme	*NO*	DST-FIST	*NO*
UGC-Innovative PG programmes	*NO*	Any other (*Specify*)	--
UGC-COP Programmes	*NO*		

2. IQAC Composition and Activities

2.1 No. of Teachers
5 + 1 (Librarian)

2.2 No. of Administrative/Technical staff
2

2.3 No. of students
3

2.4 No. of Management representatives
2

2.5 No. of Alumni
3

2. 6 No. of any other stakeholder and

Community representatives
1

2.7 No. of Employers/ Industrialists
--

2.8 No. of other External Experts
1

2.9 Total No. of members
18

2.10 No. of IQAC meetings held
20

2.11 No. of meetings with various stakeholders: No. | 20 | Faculty | 19 |

       Non-Teaching Staff Students | | Alumni | | Others | 1 |

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

       If yes, mention the amount | *Rs. 3,00,000/-* |

2.13 Seminars and Conferences (only quality related)

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

       Total Nos. | *Nil* | International | *Nil* | National | *Nil* | 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. ***Preparation of the Re accreditation report for the second cycle of assessment***
>
> *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 *

Plan of Action	*Achievements*
Improvement of library services	• *Data entry work for SOUL in progress* • *Increase in the use of N-List facility* • *Bar coding process initiated for automation purpose*
Technological upgradation	• *On line admission through website of the college* • *Process of installation of LCD projectors in the classrooms.* • *Purchase of new computers for computer*

	centre
Increase in infrastructure	• *Proposal of renovation of computer lab* • *Proposal of renovation of staff common room*
Support to research activities	• *Motivation to staff to join Ph D program* • *Enrolment of research students (M Phil and Ph D) in Electronics Department*
Preparation of the Re accreditation report for the second cycle of assessment	• *The core committee, formed for the preparation of RAR, met frequently and regularly for the purpose.*

* 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*
Total	*11*	*00*	*03*	*00*

Interdisciplinary				
Innovative				

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

Pattern	*Number of programmes*
Semester	*06*
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

Total	Asst. Professors	Associate Professors	Professors	Others
30	02	28	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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
0	2	0	0	0	0	0	0	0	2

2.4 No. of Guest and Visiting faculty and Temporary faculty

17		07		12

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1	4	5
Presented papers	1	4	2
Resource Persons	-	-	-

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

- *Introduction of MOOCS courses as an innovation*
- *Participation of students in online 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.	*85*	*26*	*48*	*18*	*4*	*96*
B.Com.	*250*	*5*	*40*	*29*	*19*	*93*
B.B.A.	*59*	*10*	*41*	*30*	*09*	*90*
B.C.A	*45*	*11*	*45*	*20*	*22*	*98*
M.Sc.	*29*	*48*	*52*	*-*	*-*	*100*
M.Com.	*71*	*13*	*27*	*22*	*13*	*75*

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	*Nil*
UGC – Faculty Improvement Programme	*Nil*
HRD programmes	*Nil*
Orientation programmes	*Nil*
Faculty exchange programme	*Nil*
Staff training conducted by the university	*Nil*
Staff training conducted by other institutions	*Nil*
Summer / Winter schools, Workshops, etc.	*Nil*
Others	*Nil*

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	*17*	*2*	*0*	*2*
Technical Staff	*4*	*2*	*0*	*2*

Criterion – III

3. Research, Consultancy and Extension

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

> *More number of students were motivated towards research activities and the number of students increased for the research courses of M Phil. And Ph D.*

3.2   Details regarding major projects - NA

	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	*2*	*3*	
Non-Peer Review Journals	*0*	*1*	
e-Journals			
Conference proceedings/ Books Published		*2*	

3.5 Details on Impact factor of publications:

Range [   ]   Average [1.7]   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. | *00* |

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 | *NIL* |

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	*Nil*	*Nil*	*Nil*	*Nil*	*Nil*
Sponsoring agencies					

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

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

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

3.15 Total budget for research for current year in lakhs:

From Funding agency | *Nil* | From Management of University/College | *Nil* |

Total | *Nil* |

3.16 No. of patents received this year

Type of Patent		*Number*
National	*Applied*	*Nil*
	Granted	*Nil*
International	*Applied*	*Nil*
	Granted	*Nil*
Commercialised	*Applied*	*Nil*
	Granted	*Nil*

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   `06`
and students registered under them   `04`

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

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

JRF `Ni`   SRF `Ni`   Project Fellows `Ni`   Any other   `Ni`

3.21 No. of students Participated in NSS events:

University level `134`   State level `59`

National level `02`   International level `Ni`

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	*00*		College forum	*05*		
NCC			NSS	*06*	Any other	*00*

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

- *Student Volunteers gave their service at Khel Maha kumbh for Special child, organised by KALARAV ,BHARUCH and State Govt. Gujarat on 11-10-2011.*

- *Blood donation camp organised in association with Rotary Club ,Bharuch*

- *Narmada Samagra, a NGO organised Panch kosi yatra and our students participated in this event for environment awareness.*

- *Donations were collected for Armed Force Welfare*

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	*13478*	*20,31,363*	*916*	*2,05,949*	*14394*	*22,37,312*
Reference Books	*3863*	*6,17,403*	*199*	*77,373*	*4062*	*6,94,976*
e-Books		*97,000*				
Journals	*43*	*57,714*	*04*	*12,374*	*47*	*44,848*
e-Journals		*6,000*				*6,000*
Digital Database						
CD & Video	*130*		*50*		*180*	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	*Computer Labs*	*Internet*	*Browsing Centres*	*Computer Centres*	*Office*	*Depart-ments*	*Others*
Existing	*173*	*04*	*40*	*03*	*03*	*06*	*15*	*nil*

Added	*24*	*nil*	*nil*	*nil*	*Nil*	*nil*	*Nil*	*nil*
Total	*197*	*04*	*40*	*03*	*03*	*06*	*15*	*nil*

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 *2.17 lacs*

ii) Campus Infrastructure and facilities *8.61 lacs*

iii) Equipments *0.40 lacs*

iv) Others *0.11 lacs*

Total: *11.29 lacs*

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

UG	*PG*	*Ph. D.*	*Others*
1635	*180*	*14*	*--*

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

	No	*%*
Men		

	No	*%*
Women		

Last Year						*This Year*					
General	*SC*	*ST*	*OBC*	*Physically Challenged*	*Total*	*General*	*SC*	*ST*	*OBC*	*Physically Challenged*	*Total*
1008	*103*	*76*	*418*	*03*	*1608*	*981*	*102*	*87*	*409*		*1579*

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 :

NET [ ]   SET/SLET [ ]   GATE [ ]   CAT [ ]

IAS/IPS etc [ ]   State PSC [ ]   UPSC [ ]   Others   SCOPE 105 (96%)

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

On campus			Off Campus
Number of Organizations Visited	*Number of Students Participated*	*Number of Students Placed*	*Number of Students Placed*
08	*111*	*17*	*04*

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 [02]   National level [07]   International level [*Nil*]

No. of students participated in cultural events

State/ University level [45]   National level [   ]   International level [   ]

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

Sports : State/ University level [   ]   National level [   ]   International level [   ]

Cultural: State/ University level [02]   National level [   ]   International level [   ]

5.10 Scholarships and Financial Support

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

5.11   Student organised / initiatives

Fairs   : State/ University level [02]   National level [*Ni*]   International level [*Ni*]

Exhibition: State/ University level [*Ni*]   National level [*Ni*]   International level [*Ni*]

5.12   No. of social initiatives undertaken by the students [05]

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 21st 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 curricula 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 Ph D*
> - *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.*
- **More stress was laid on the administration of college through various committees**

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

The following plans initiated in the previous year have been implemented
- o *Renovation of the lab in Computer Science Department*
- o *Facelift of the Common Staff Room*
- o *Installation of CCTV camera in College*

New plans initiated
- o *Layout of central library proposed*
- o *Wi fi facility for campus in pipeline*

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)

Strengths
- *The good discipline of the campus is the noticeable strength of the institution.*
- *Most of the faculties are involved in some or the other research activities.*
- *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.*

Weaknesses
- *The college has been striving to establish its Alumni Association for last five years. Not all the departments could initiate their contribution to it.*
- *The automation of the library progresses very slow, though for sure.*

Opportunities
- *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.*

Challenges
- *The institute has paid due heed to the quality enhancement in all respects and has been progressing steadily, through much is left to be done for technological, infrastructural as well as academic upgradation.*

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

- *Proposal for renovation of computer labs*
- *Proposal for renovation of staffroom*
- *Enhancing the internet connectivity by providing Wifi facility for the campus*
- *During the placement process, extensive deliberations with certain industries are likely to result into long term association as industry – academia interactions. It is therefore targeted to focus such deliberations and increase industry – academia interactions so as to result into the MOUs in future.*

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.

Year	Number of Groups	Number of Students	Number of routs
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 4th issue of the first year has mentioned some of the views of the participants of our College.
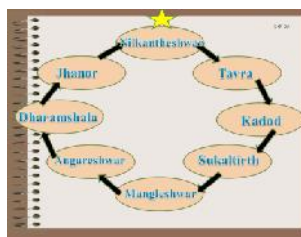
Learning Centric Initiatives

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.