# `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

## I. Details of the Institution

| 1.1 Name of the Institution         | Maharshi Dayanand Science College |  |  |  |  |  |
|-------------------------------------|-----------------------------------|--|--|--|--|--|
| 1.2 Address Line 1                  | Opp. Lions Hospital               |  |  |  |  |  |
| Address Line 2                      | Near Kamla Park                   |  |  |  |  |  |
| City/Town                           | Porbandar                         |  |  |  |  |  |
| State                               | Gujarat                           |  |  |  |  |  |
| Pin Code                            | 360575                            |  |  |  |  |  |
| Institution e-mail address          | mdscpbr@yahoo.co.in               |  |  |  |  |  |
| Contact Nos.                        | 0286-2244593                      |  |  |  |  |  |
| Name of the Head of the Institution | on: Dr. A.J. Rojivadia            |  |  |  |  |  |
| Tel. No. with STD Code:             | 0286-2244593                      |  |  |  |  |  |
| Mobile:                             | 9426133678                        |  |  |  |  |  |

| Name                 | of the IC | QAC Co-ordii          | nator:         | Dr. A. J. Ro | ojivadia                 |                          |  |  |  |
|----------------------|-----------|-----------------------|----------------|--------------|--------------------------|--------------------------|--|--|--|
| Mobil                | le:       |                       |                | 09426133     | 678                      |                          |  |  |  |
| IQAC e-mail address: |           |                       |                | iqacmdscr    | iqacmdscpbr@gmail.com    |                          |  |  |  |
| 1.3 <b>N</b>         | AAC Tı    | rack ID(For e         | ex. MHCO       | GN 18879)    | GJCOGN1321               | 0                        |  |  |  |
| 1.4 <b>N</b> .       | AAC Ex    | ecutive Com           | mittee No.     | & Date:      | EC(SC)/14/               | A&A/37.2                 |  |  |  |
| 1.5 W                | Vebsite a | ıddress:              |                | www.mds      | cpbr.org                 |                          |  |  |  |
|                      | W         | eb-link of th         | e AQAR:        |              |                          |                          |  |  |  |
| 1.6 A                | .ccredita | tion Details          |                |              |                          |                          |  |  |  |
|                      | Sl. No.   | Cycle                 | Grade          | CGPA         | Year of<br>Accreditation | Validity Period          |  |  |  |
|                      | 1         | 1 <sup>st</sup> Cycle | C <sup>+</sup> |              | 2007                     | 31-03-2007 to 31-03-2012 |  |  |  |
|                      | 2         | 2 <sup>nd</sup> Cycle | В              | 2.27         | 2016                     | 29-03-2016 to 28-03-2021 |  |  |  |
|                      | 3         | 3 <sup>rd</sup> Cycle |                |              |                          |                          |  |  |  |
|                      | 4         | 4 <sup>th</sup> Cycle |                |              |                          |                          |  |  |  |
| 1.7 Da               | ate of Es | tablishment o         | f IQAC:        | DD/MM/       | YYYY                     | 28-06-2007               |  |  |  |
| 184                  | OAR for   | · the vear <i>(fo</i> | r ovamnlo      | 2010-11)     | 2016-2017                |                          |  |  |  |

1.9Details of the previous year's AQAR submitted to NAACafterthe latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11submitted to NAAC on 12-10-2011)

# i. AQAR 2015-16 submitted on 14-7-2017

| 1.10 Institutional Status               |   |
|---|---|
| University                              | State \[ \sqrt{\sqrt} \] Central \[ \] emed \[ \] Private \[ \] |
| Affiliated College                      | Yes \[ \sqrt{}  \text{No } \[ \]                                |
| Constituent College                     | Yes No \[   |
| Autonomous college of UGC               | Yes No  |
| Regulatory Agency approved Institut     | ion Yes No  |
| (eg. AICTE, BCI, MCI, PCI, NCI)         |   |
| Type of Institution Co-education        | on  |
| Urban                                   | Rura V Tribal   |
| Financial Status Grant-in-aid           | $\sqrt{c}$ 2(f) $\sqrt{c}$ 2B $\sqrt{c}$                        |
| Grant-in-aid                            | d + Self Financing Totally Self-financing                       |
| 1.11 Type of Faculty/Programme          |   |
| Arts Science                            | Commerce PEI (Phys Edu)   |
| TEI (Edu) Engineering                   | g Health Science Management                                     |
| Others (Specify)                        |   |
|   | BhaktKaviNarsinh Mehta University                               |
| 1.12 Name of the Affiliating University | ity (for the Colleges)  |
| 1.13 Special status conferred by Cent   | ral/ State Government UGC/CSIR/DST/DBT/ICMR etc                 |
| Autonomy by State/Central Govt. / U     | niversity -   |
| University with Potential for Exceller  | uce _ UGC-CPE -   |

| DST Star Scheme                                   | - CE                   | - |
|---|------------------------|---|
| UGC-Special Assistance Programme                  | -                      | - |
| UGC-Innovative PG programmes                      | - pecify)              | - |
| UGC-COP Programmes                                | -                      |   |
| 2. IQAC Composition and Activiti                  | <u>es</u>              |   |
| 2.1 No. of Teachers                               | 10                     |   |
| 2.2 No. of Administrative/Technical staff         | 1                      |   |
| 2.3 No. of students                               | 1                      |   |
| 2.4 No. of Management representatives             | 1                      |   |
| 2.5 No. of Alumni                                 | 1                      |   |
| 2. 6 No. of any other stakeholder and             | 1                      |   |
| Community representatives                         |                        |   |
| 2.7 No. of Employers/ Industrialists              | 1                      |   |
| 2.8 No. of other External Experts                 | 1                      |   |
| 2.9 Total No. of members                          | 17                     |   |
| 2.10 No. of IQAC meetings held                    | 02                     |   |
| 2.11 No. of meetings with various stakeholders:   | No. 4 llty 2           |   |
|   |                        |   |
| Non-Teaching Staff Students 1                     | Alumni 1 Others        |   |
| 2.12 Has IQAC received any funding from UGC d     | uring the year? Yes No |   |
| If yes, mention the amount                        | Rs. 3,00,000           |   |
| 2.13Seminars and Conferences (only quality relate | ed)                    |   |

| (i) No. of Seminars/Conference                                      | es/ Workshops/Symposia organized by the IQAC   |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| Total Nos. Internat   | ional National State Institution Level 1   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |
| (ii) Themes Spipa-Competitive exams 16-7-16,                        |  |  |  |  |  |  |  |  |
| 2.14 Significant Activities and contributions made by IQAC          |  |  |  |  |  |  |  |  |
| 1 X 14  |  |  |  |  |  |  |  |  |
|   | dents/institute-and Preparation of various proposals Curricular and Extra Curricular |  |  |  |  |  |  |  |
| 3. Monitoring – Academic and  |  |  |  |  |  |  |  |  |
| 4. Evaluation, audit and Docur                                      |  |  |  |  |  |  |  |  |
| 5. Felicitations  |  |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |
| 2.15 Plan of Action by IQAC/Outco                                   | me   |  |  |  |  |  |  |  |
| 2.13 Tian of redon by 1Q110, outco                                  |  |  |  |  |  |  |  |  |
| •   | 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   |  |  |  |  |  |  |  |
| Study of the suggestions made by                                    | Identification of the followup steps and   |  |  |  |  |  |  |  |
| NAAC  | assignment of duty.  |  |  |  |  |  |  |  |
| N 1   |  |  |  |  |  |  |  |  |
| Need assessment of the  | Proper utilization of the UGC grants.  |  |  |  |  |  |  |  |
| students/teacher/institute.  Identification of needs and            |  |  |  |  |  |  |  |  |
| allocation of funds   |  |  |  |  |  |  |  |  |
| anocation of funds  |  |  |  |  |  |  |  |  |
| Academic calendar prepared Implementation of the planned activities |  |  |  |  |  |  |  |  |
| Soil Analysis 3504 samples analysed                                 |  |  |  |  |  |  |  |  |
| * Attach the Academic Calen   | ndar of the year as Annexure.  |  |  |  |  |  |  |  |
| 2.15 Whether the AQAR was placed in statutory body  Yes   No   No   |  |  |  |  |  |  |  |  |
| Management S ate  | Any body   |  |  |  |  |  |  |  |

| Autonomy grant | ted to IQAC and for fu | irther necessary | actions |  |
|----------------|------------------------|------------------|---------|--|
|                |                        |                  |         |  |
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|                |                        |                  |         |  |
|                |                        |                  |         |  |
|                |                        |                  |         |  |

# Part – B

Number of

programmes added

during the year

## Criterion - I

# **1. Curricular Aspects**

Level of the

Programme

1.1 Details about Academic Programmes

Number of

existing

**Programmes** 

|   | Flogrammes         | during the year         | programmes                              | programmes               |
|---|--------------------|-------------------------|---|--------------------------|
| PhD   | 2                  | -                       | -                                       | -                        |
| PG  |                    |                         |   |                          |
| UG  | 3                  | -                       | -                                       | -                        |
| PG Diploma  |                    |                         |   |                          |
| Advanced Diploma                                  |                    |                         |   |                          |
| Diploma   |                    |                         |   |                          |
| Certificate                                       |                    |                         |   |                          |
| Others  |                    |                         |   |                          |
| Total   | 5                  | -                       | -                                       | -                        |
| Interdisciplinary                                 |                    |                         |   |                          |
| Innovative  |                    |                         |   |                          |
|   |                    | ·                       | hemistry, Mathema                       | atics, Botany)           |
|   |                    | `                       | nemistry, wrathema                      | uics, Botany)            |
|   |                    | Trimester               |   |                          |
|   |                    | Annual                  |   |                          |
|   |                    |                         |   |                          |
| 1.3 Feedback from stake ( <i>On all aspects</i> ) | eholders*Alumni    | √ Parents               | √ Employers                             | vents V                  |
| Mode of feedback :O                               | nline Ma           | nnual Co-opera          | √ chools (for PE                        | I)                       |
| *Please provide an analys                         | is of the feedback | in the Annexure         |   |                          |
| 1.4 Whether there is any                          | revision/undate    | of regulation or syllab | hi if ves mention t                     | heir salient aspects     |
|   |                    |                         |   | rsityYes. Newer syllabus |
| for BSc-SemIntoduce                               |                    |                         |   | .,                       |
| 1.5 Any new Departmen                             | -                  | ced during the year. If | yes, give details.                      |                          |
| No.   |                    | <u> </u>                | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                          |

Number of value

added / Career

Oriented

Number of

self-financing

programmes

## Criterion - II

# 2. Teaching, Learning and Evaluation

| 2.1 | Total No. of   |
|-----|----------------|
| per | manent faculty |

| Total | Asst.<br>Professors | Associate<br>Professors | Professors | Others   |
|-------|---------------------|-------------------------|------------|----------|
| 18    | 7                   | 10                      | -          | 1 – Part |
|       |                     |                         |            | Time     |

2.2 No. of permanent faculty with Ph.D.

10

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst.  |      | Associate |     | Profes | sors | Others |   | Total |    |  |  |  |  |
|--------|------|-----------|-----|--------|------|--------|---|-------|----|--|--|--|--|
| Profes | sors | Profess   | ors |        |      |        |   |       |    |  |  |  |  |
| R      | V    | R         | V   | R      | V    | R      | V | R     | V  |  |  |  |  |
|        |      |           |     |        |      |        |   |       |    |  |  |  |  |
| 7      | 25   | 10        |     |        |      | 1      |   | 18    | 25 |  |  |  |  |

2.4 No. of Guest and Visiting faculty and Temporary faculty

|   |   | <br> |   |
|---|---|------|---|
| 7 | 2 |      | 2 |

2.5 Faculty participation in conferences and symposia:

| No. of Faculty   | International level | National level | State level |
|------------------|---------------------|----------------|-------------|
| Attended         | 1                   | 3              | 1           |
| Presented papers | 1                   | 2              |             |
| Resource Persons | 1                   | 2              | 5           |

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

Extended use of ICT, Fast learner Students as tutor for Remedial classes. Demonstration of alabexott

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

231

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

Barcoding :  $\sqrt{\text{Photocopy}}$ :  $\sqrt{}$ MCQ :  $\sqrt{\text{Double Evaluation}}$  :  $\sqrt{}$ 

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

| 5 |  |  |
|---|--|--|
|---|--|--|

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 |       | Ι     | Division |       |        |
|------------------------|-----------------------|-------|-------|----------|-------|--------|
| Trogramme              | appeared              |       | I %   | II %     | III % | Pass % |
| B.Sc. Botany           | 21                    | 19.04 | 47.61 | 14.28    | 19.04 | 100    |
| B.Sc. Chemistry        | 179                   | 11.73 | 16.75 | 15.08    | 32.96 | 76.53  |
| B.Sc. Maths            | 36                    | 22.22 | 3.55  | 8.33     | 27.27 | 88.88  |

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

1. The IQAC prepares Curricular, cocurricular and extracurricular activities calendar at the beginning of the semester by considering data obtained on past performance and present need through feedback mechanism.

(Past performance includes evaluatory reports of the previous semester/year related to teaching learning and various types of feedbacks on learning outcome. Present needs of the students are identified through feedback mechanism and conventional student's evaluation by the teacher. The IQAC during the meetings communicates these feedbacks with the concerned member/section of the college. It tries to identify viable follow up steps. It also motivates them by demanding and fulfilling their requirements to submit a viable plan which can be included in the calendar to execute the follow up steps.)

- 2. The monitoring of quality of the teaching learning process as planned at the onset of the year is carried out by the cocoordinator of IQAC for the respective departments.
- 3. Self-appraisal report of teachers, academic audit and evaluation report of the departments are collected at the end of the year.

Felicitations of quality achievement are also conducted by IQAC as a part of motivational steps.

## 2.13 Initiatives undertaken towards faculty development

| Faculty / Staff Development Programmes | Number of faculty<br>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 |   |
| Summer / Winter schools, Workshops, etc.       |   |
| Others (Soil Analysis)                         | 1 |

## 2.14 Details of Administrative and Technical staff

| Category             | Number of        | Number of | Number of        | Number of        |
|----------------------|------------------|-----------|------------------|------------------|
|                      | Permanent        | Vacant    | permanent        | positions filled |
|                      | <b>Employees</b> | Positions | positions filled | temporarily      |
|                      |                  |           | during the Year  |                  |
| Administrative Staff | 3                | 3         |                  | 3                |
| Technical Staff      | 5                | 7         |                  | 7                |

## Criterion - III

# 3. Research, Consultancy and Extension

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

Motivates for optimum use of Network Resource Center (extended timing). Inclusion of student's seminar in the college calendar.

Dissimination of informations on research related activities at other institutes and facilitation of leave and Contingencies to attend such programmes.

Motivating to undertake research programme like Ph.D during the service

Motivating to persue Guideship and register Ph.D students.

Facilitating various requirements like library, laboratory with extended use, some chemicals, glasswares etc.

Motivate to undertake UGC research projects.

Facilitate consultancy services to be provided by the faculty or undertake such projects from government (soil analysis).

## 3.2 Details regarding major projects

|                     | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number              | -         | -       |            | -         |
| Outlay in Rs. Lakhs | -         | -       |            | -         |

## 3.3 Details regarding minor projects

|                     | Completed | Ongoing  | Sanctioned | Submitted |
|---------------------|-----------|----------|------------|-----------|
| Number              |           | 1        | 1          | 1         |
| Outlay in Rs. Lakhs |           | 3,55,000 | 2,47,500   | 2,32,334  |

## 3.4 Details on research publications

|                          | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals     | 5             | 2        |        |
| Non-Peer Review Journals |               | 3        |        |
| e-Journals               |               |          |        |
| Conference proceedings   |               | 1        |        |

| 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<br>Year | Name of the funding Agency | Total grant sanctioned | Received |
|--|------------------|----------------------------|------------------------|----------|
| Major projects   |                  |                            |                        |          |
| Minor Projects   |                  | ugc                        | 3,55,000               | 2,47,500 |
| Interdisciplinary Projects   |                  |                            |                        |          |
| Industry sponsored   |                  |                            |                        |          |
| Projects sponsored by the University/ College                        |                  |                            |                        |          |
| Students research projects (other than compulsory by the University) |                  |                            |                        |          |
| Any other(Specify)   |                  |                            |                        |          |
| Total  |                  |                            | 3,55,000               | 2,47,500 |

| Students research p                              |                      |          |           |                  |          |        |           |            |          |
|--|----------------------|----------|-----------|------------------|----------|--------|-----------|------------|----------|
| (other than compulsory by the Any other(Specify) |                      |          |           |                  |          |        |           |            |          |
| Total  | ,                    |          |           |                  |          | 2      | ,55,000   | 2,47,500   | \        |
| Total  |                      |          |           |                  |          | ٥,     | ,55,000   | 2,47,300   | <u>'</u> |
| 3.7 No. of books published                       | d i) W               | ith ISE  | BN No.    | 2                | Chapter  | s in I | Edited Bo | oks 5      |          |
| ii) Without ISBN No.                             |                      |          |           |                  |          |        |           |            |          |
| 3.8 No. of University Department                 | artments             | s recei  | ving fund | ds from          |          | ,      |           | _          |          |
|  | UGC-S                | SAP      |           | CAS              |          | DS     | ST-FIST   |            |          |
|  | DPE DBT Scheme/funds |          |           |                  |          |        |           |            |          |
| 3.9 For colleges Autonomy CPE DBT Star Scheme    |                      |          |           |                  |          |        |           |            |          |
|  | INSPI                | RE _     |           | СЕ               |          | An     | y Other ( | (specify)  |          |
| 3.10 Revenue generated th                        | rough c              | onsult   | ancy      | 8,30,448         |          |        |           |            |          |
| 3.11 No. of conferences                          |                      | Leve     | el        | International    | Natio    | onal   | State     | University | College  |
|  | -                    | Numl     | ber       | -                | _        |        | -         | -          | -        |
| organized by the Institu                         | ution                | Spons    | soring    |                  |          |        |           |            |          |
|  |                      | agenc    | -         |                  |          |        |           |            |          |
| 3.12 No. of faculty served                       | oc avna              |          |           |                  | 2010000  | . Г    |           |            |          |
| 5.12 No. of faculty served                       | as expe              | 115, CII | anperson  | is of resource j | oci sons | `      | 6         | _          |          |
| 3.13 No. of collaborations                       |                      | Iı       | nternatio | nal 1 N          | ational  | 1      |           | Any other  | 3        |
| 3.14 No. of linkages create                      | ed durin             | g this   | year      | 1                |          |        |           |            |          |
| 3.15 Total budget for resear                     | arch for             | curren   | t year in | lakhs:           |          |        |           |            |          |
| From Funding agency                              | 2,47,5               | 500      | Ianagen   | nent of Univer   | sity/Co  | llege  | ;         | -          |          |
| Гotal  | 2,47,5               | 00       |           |                  |          |        |           |            |          |

| 3.10 No. of patents received this year                                | Type of Patent       |                 | Number             |  |
|---|----------------------|-----------------|--------------------|--|
|   | National             | Applied         |                    |  |
|   | T (dilonal           | Granted         |                    |  |
|   | International        | Applied Granted |                    |  |
|   |                      | Applied         |                    |  |
|   | Commercialised       | Granted         |                    |  |
| 3.17 No. of research awards/ recognition Of the institute in the year | received by facul    | lty and resea   | arch fellows       |  |
| Total International National  | State University     | Dist Col        | lege               |  |
| 2.10N 66 1 6 1 1 1 1 1  |                      |                 |                    |  |
| 3.18No. of faculty from the Institution                               | 4                    |                 |                    |  |
| who are Ph. D. Guides   |                      |                 |                    |  |
| and students registered under them                                    | 16                   |                 |                    |  |
| 3.19 No. of Ph.D. awarded by faculty fro                              | om the Institution   | 2               | ]                  |  |
| 3.20 No. of Research scholars receiving                               | the Fellowships (New | wly enrolled    | l + existing ones) |  |
| JRF SRF   | Project Fe           | llows           | Any other          |  |
|   |                      |                 | _                  |  |
| 3.21 No. of students Participated in NSS                              | events:              |                 |                    |  |
|   | Universit            | y level 5       | O State level      |  |
| National level  | Internet             | ional lev       |                    |  |
| National level  | mema                 |                 |                    |  |
| 2.22 N  | <b>3</b>             |                 |                    |  |
| 3.22 No. of students participated in NCo                              | events:              |                 |                    |  |
|   | Universi             | ty level        | State level        |  |
| National level  | Internat             | tional lev      | <u> </u>           |  |
| Tuttoliai ievel   | mema                 |                 |                    |  |
| 2 22 No. of A   |                      |                 |                    |  |
| 3.23 No. of Awards won in NSS:  |                      |                 |                    |  |
|   | Universit            | y level         | State level        |  |
|   | •                    | 느               |                    |  |
| National level  | Internati            | ional lev       |                    |  |
|   |                      |                 |                    |  |
| 3.24 No. of Awards won in NCC:  |                      |                 |                    |  |
|   | Universit            | y level         | State level        |  |
|   |                      | ı               | i                  |  |

|  | National level International lev                   |   |  |  |  |  |  |
|--|--|---|--|--|--|--|--|
| 3.25 N   | No. of Extension activities organized              |   |  |  |  |  |  |
|  | University forum College forum NCC NSS 1 Any other | 1 |  |  |  |  |  |
|  |  |   |  |  |  |  |  |
| 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility  |  |   |  |  |  |  |  |
| <ol> <li>AIDS lecture Sanitation Awareness, Save Girls Child Campaign</li> <li>Women health and social awareness programme</li> <li>Blood donation camp</li> </ol> |  |   |  |  |  |  |  |
|  |  |   |  |  |  |  |  |

# **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   | File     | -             | -              | -       |
| Class rooms   | 7        | -             | -              | 7       |
| Laboratories  | 9        | 1-DELL Lab    | -              | 10      |
| 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) | 3885545  | 61556         |                | 3947101 |
| Others  |          |               |                |         |

| 1  | 2          | Compu | torizot | ion of | f adm | inict | ration | and 1 | libror |
|----|------------|-------|---------|--------|-------|-------|--------|-------|--------|
| 4. | <i>Z</i> ' | Combu | terizai | ion oi | - aam | nnisu | ramon  | ana   | morary |

The Office Administration has been computerized

Admission Process is computerized and centralized at the university

## 4.3 Library services :

|                  | Existing |          | Newl | y added | Total |          |
|------------------|----------|----------|------|---------|-------|----------|
|                  | No.      | Value    | No.  | Value   | No.   | Value    |
| Text Books       |          |          |      |         |       |          |
| Reference Books  | 9971     | 8,63,217 | -    | -       | 9971  | 8,63,217 |
| e-Books          |          |          |      |         |       |          |
| Journals         |          |          |      |         |       |          |
| e-Journals       |          |          |      |         |       |          |
| Digital Database |          |          |      |         |       |          |
| CD & Video       |          |          |      |         |       |          |
| Others (Specify) |          |          |      |         |       |          |

## 4.4 Technology up gradation (Overall):

|          | Total<br>Computers | Computer<br>Labs | Internet | Browsing<br>Centres | Computer<br>Centres | Office/<br>Lib | Depart-<br>ments | DEL<br>L Lab |
|----------|--------------------|------------------|----------|---------------------|---------------------|----------------|------------------|--------------|
| Existing | 69                 | 20               | (10)     | 7                   | 5                   | 7              | 4                | 26           |
| Added    | 00                 |                  |          |                     |                     |                |                  |              |
| Total    | 69                 | 20               | (10)     | 7                   | 5                   | 7              | 4                | 26           |

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

| Subjective software training-Chemdrawto studen | ıts    |
|--|--------|
|  |        |
| 4.6 Amount spent on maintenance in lakhs:      |        |
| i) ICT   | 9600   |
| ·  |        |
| ii) Campus Infrastructure and facilities       |        |
| iii) Equipments                                | 15,030 |
| iv) Others                                     |        |
| · ·  |        |
| Total:   | 24,630 |

# Criterion - V

# 5. Student Support and Progression

| 5.1 | Contribution | of IOAC in | n enhancing awar | eness about Stude | nt Support Services |
|-----|--------------|------------|------------------|-------------------|---------------------|
|     |              |            |                  |                   |                     |

| 5.1 Contribution of IQAC in enhancing awareness about Student Support Services  |   |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|
| 1. Available Student Support services by ICT cell of IQAC.  | and activities are incorporated in the college prospectus prepared    |  |  |  |  |  |  |  |
| 2. Details of members of various cell/committee are displayed in the notice board at the onset of the year which includes Student support and placement cell. |   |  |  |  |  |  |  |  |
| 2. Information are Provided during va   | 2. Information are Provided during various gathering with the Student |  |  |  |  |  |  |  |
| 3. Informative Guest Lectures are Arr   | anged on Saturday   |  |  |  |  |  |  |  |
| Thalassemia testing for the newly adm   | nitted students.  |  |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |  |
| 5.2 Efforts made by the institution for   | tracking the progression  |  |  |  |  |  |  |  |
| 1. Transfer Certificate Details   |   |  |  |  |  |  |  |  |
| 2. Alumni Association   |   |  |  |  |  |  |  |  |
| 4. Industry   |   |  |  |  |  |  |  |  |
| 5. Social Networking Sites  |   |  |  |  |  |  |  |  |
| 6. Website  |   |  |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |  |
|   |   |  |  |  |  |  |  |  |
| 5.3 (a) Total Number of students  | UG         PG         Ph. D.         Others           760         16  |  |  |  |  |  |  |  |
| (b) No. of students outside the star  |   |  |  |  |  |  |  |  |
| (c) No. of international students   | -   |  |  |  |  |  |  |  |

Men

Women

| No  | %     |
|-----|-------|
| 438 | 57.63 |

| No  | %     |
|-----|-------|
| 322 | 42.37 |

| Last Year |    |    |     |                          | This Year |         |    |    |     |                          |       |
|-----------|----|----|-----|--------------------------|-----------|---------|----|----|-----|--------------------------|-------|
| General   | SC | ST | OBC | Physically<br>Challenged | Total     | General | SC | ST | OBC | Physically<br>Challenged | Total |
| 166       | 59 | 21 | 670 | 00                       | 916       | 132     | 44 | 25 | 559 | 00                       | 760   |

Demand ratio 2.25 Dropout % 6.39

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

Courses run by SCOPE [Society for creation of opportunity through proficiency in English]

Guest lectures are arranged under career counselling cell and placement cell.

No. of students beneficiaries

All

5.5 No. of students qualified in these examinations

| NET         | LET       | GA | CAT  |        |  |
|-------------|-----------|----|------|--------|--|
| IAS/IPS etc | State PSC | J  | UPSC | Others |  |

- 5.6 Details of student counselling and career guidance
- 1. During admission-Career Counselling which includes choice of programme etc.

The college organizes counselling in coordination with Technical education board, Government of Gujarat.

Financial support during studies. and Job opportunities and prospects information.(> 70 % of OBC Students admitted in the college)

2 Facilitating Career Guides Seminar in Association with State Government

| 3. Career Counselling Cell Activities Like: Guest Lecture, Notices, etc.  |
|---|
| No. of students benefitted  All   |
| 5.7 Details of campus placement   |
| On campus Off Campus  |
| Number of Number of Students Placed Organizations Participated Students Placed Visited  |
|   |
| 5.8 Details of gender sensitization programmes  |
| 1. Women Cell Activities  |
| 2. Guest Lecture (Kanuni Shikshan Shibir)   |
| 3. Health Awareness Programme (Thalassemia)   |
| <ul><li>5.9 Students Activities :</li><li>5.9.1 No. of students participated in Sports, Games and other events</li></ul>                          |
| 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   |

|            | Year Wise  | Number of students | Amount                          |
|------------|--|--------------------|---------------------------------|
|            | Financial support from institution                                   |                    |                                 |
|            | Financial support from government                                    | 306                | 807400                          |
|            | Financial support from other sources                                 |                    |                                 |
|            | Number of students who received International/ National recognitions |                    |                                 |
|            |  |                    |                                 |
| 5.11 Stu   | dent organised / initiatives   |                    |                                 |
| Fairs      | : State/ University level National level                             |                    | International level             |
| Exhibition | : State/ University level 1 National level                           |                    | International level             |
| 5.12 No.   | of social initiatives undertaken by the students                     | 3                  |                                 |
| 5.13 Major | r grievances of students (if any) redressed: Timing                  | change for t       | he last lecture changed to zero |
| Grievance  | redressal cell   |                    |                                 |

## Criterion - VI

## 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

To be a centre of science education and research with equity in access, collaborations for sill development and linages for community services

6.2 Does the Institution has a management Information System

No

- 6.3 Quality improvement strategies adopted by the institution for each of the following:
  - 6.3.1 Curriculum Development
  - 1. Various Type of Feedback
  - 2. Communication during staff IQAC meeting
  - 3. Suggestion in Board of Study Meeting
  - 6.3.2 Teaching and Learning
  - 1. Need Assessment of the students and teachers at the onset of year
  - 2. Feedback from students onteachers, course, programme of study, exit questioner.
  - 3. Feedback from others stake holders (employers etc)
  - 4. College calendar (Stress on ICT Enabled Methods, Self learning and field visit)
  - 5. Academic Audit
  - 6. Evaluation outcome
  - 7. Progression and placement
  - 6.3.3 Examination and Evaluation

1. Continuous Evaluation system which involves objective test, Assignment, Project

Advanced information about the exam schedule by Evaluation committee through calander and notice

Prepreparations for the exams

Fair examination practice

Transpareny in evaluation process and redressal of grievances if any

Arrangement of arrears test for genuine candidates

Planning and Evaluation by Evaluation Committee

#### 6.3.4 Research and Development

Privilege in the UGC planning Board-Purchase of Books, equipments, lab development etc

Need Assessment and Guidance for submitting research Proposal

Extended use of infrastructure w.r.t timing, space, internet and computer,

Providing unavailable prohibited chemicals (alcohol etc) and other special needs.

Motivation for participation in seminars, conferences, workshops, Quality Publication and Facilitation for Various Modes of Presentation

Motivation to organize knowledge dessimination programmes like seminars at the college for students

Earn while learn-Priviledge in the consutancy services and part time job placement at the institute to the research students. Hence, financial independency to research students

Felicitation of Quality

## 6.3.5 Library, ICT and physical infrastructure / instrumentation

Computerization of library and extended timing for the use

Computer with installed antivirus, printer and Internet facility in each department with extended timing for the use.

Wifi campus development

Purchase/ upgradation/ maintenance of sophisticated instruments/ for laboratory practicals in various subjects.

Development/ of newer laboratory and renovation of the older ones

## 6.3.6 Human Resource Management

Need assessment of teaching departments and administrative sections

Grievance redressal of teaching and nonteaching staff through meetings and Creation of institutional ambience, free and fair atmosphere

Managing timely submission of the demand to the government for teaching and nonteaching posts.

Managing temporary/visiting faculties/nonteaching staff

## 6.3.7 Faculty and Staff recruitment

Recruitment as per rules of UGC and Commissioner of higher Education, Govt of Gujarat

## 6.3.8 Industry Interaction / Collaboration

Field/Industrial visits by students and teachers

Assistance in analytical problem solving by chemistry department (water analysis etc)

Assistance in plant identification by Botany department

Interactions during college seminar

Feedback

#### 6.3.9 Admission of Students

Transparency in admission process with proper counselling

Adhering the merit and reservation policies of the Government of Gujarat

6.4 Welfare schemes for

| Teaching     | Group Insurance               |
|--------------|-------------------------------|
| Non teaching | Group Insurance               |
| Students     | Group Insurance of University |

6.5 Total corpus fund generated

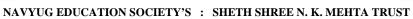
| 6.6 Whether annual financial                               | audit has been don   | e Yes          | √ No             |                               |
|--|----------------------|----------------|------------------|-------------------------------|
| 6.7 Whether Academic and A                                 | dministrative Audi   | t (AAA) has    | been done?       |                               |
| Audit Type   | Externa              | ıl             | Inte             | rnal                          |
|  | Yes/No               | Agency         | Yes/No           | Authority                     |
| Academic   |                      |                | $\sqrt{}$        | IQAC                          |
| Administrative   |                      |                | $\checkmark$     | $\checkmark$                  |
| 6.8 Does the University/ Auto                              | nomous College d     | eclares result | s within 30 days | ?                             |
| For  | UG Programmes        | Yes            | No               |                               |
| For  | PG Programmes        | Yes            | No               |                               |
| 6.9 What efforts are made by                               | the University/ Au   | tonomous Co    | ollege for Exami | nation Reforms?               |
| CBCS – Continuous evaluation                               | n system has been    | implemented    | 1                |                               |
| 6.10 What efforts are made by 30% Internal evaluation      | the University to    | promote auto   | nomy in the aff  | iliated/constituent colleges? |
| 6.11 Activities and support from                           | om the Alumni Ass    | sociation      |                  |                               |
| NSS, Environmental Audit, Thalassaemia Testing of students |                      |                |                  |                               |
| 6.12 Activities and support from                           | om the Parent – Te   | acher Associ   | ation            | _                             |
| Feedback, Thalassaemia Testi                               | ng                   |                |                  |                               |
| 6.13 Development programme                                 | es for support staff |                |                  |                               |
| Computer training  |                      |                |                  |                               |
| 6.14 Initiatives taken by the in                           | stitution to make t  | he campus ed   | co-friendly      |                               |
| Plantation and audit                                       |                      |                |                  |                               |

# **Criterion - VII**

# 7. Innovations and Best Practices

|   | novations introduced during this academic year which have created a positive impact on the inctioning of the institution. Give details.  |  |  |  |  |  |
|---|--|--|--|--|--|--|
|   | Involvement of Students as tutor during the remedial classes   |  |  |  |  |  |
|   | Students as tutor for the internet training to the FY BSc students   |  |  |  |  |  |
|   | Library Photocopier run by students at no profit no loss basis   |  |  |  |  |  |
|   | Students involvement in the college developmental plans of the institute through open gathering  |  |  |  |  |  |
|   | Hunt for talent-Open selection of talented students (in the central hall) as college representative for various events by all students themself (anchor/announcer/singer/monoactetc) |  |  |  |  |  |
|   |  |  |  |  |  |  |
| 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year |  |  |  |  |  |  |
|   | As per the plan  |  |  |  |  |  |
| 7.3 Gi  | ve two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)  |  |  |  |  |  |
|   | Thalassaemia testing   |  |  |  |  |  |
|   | Consultancy services   |  |  |  |  |  |
| *Provide the details in annexure (annexure need to be numbered as i, ii,iii)                                    |  |  |  |  |  |  |
| 7.4 Co  | ontribution to environmental awareness / protection  |  |  |  |  |  |
|   | Plantation and awareness lectures  |  |  |  |  |  |

| 7.5 <b>Y</b> | Whether environmental audit was conducted?     | ? Yes     | No                     |              |
|--------------|--|-----------|------------------------|--------------|
| 7.6          | Any other relevant information the institution | wishes to | add. (for example SWC  | OT Analysis) |
|              | Improvement of research facilities             |           |                        |              |
|              | Inverter for office                            |           |                        |              |
| 8. <u>PI</u> | lans of institution for next year              |           |                        |              |
|              | NCC for students                               |           |                        |              |
|              | Increasing strength of books                   |           |                        |              |
| •            |  |           |                        |              |
|              |  |           |                        |              |
|              |  |           |                        |              |
| Sign         | nature of the Coordinator, IQAC                |           | Signature of the Chair | person, IQAC |
| Nan          | ne   | Name      |                        |              |
|              |  | ***       |                        |              |





# Alaharshi Dayanand Science College Porbandar Near Kamla Park, Aerodrome Road, Porbandar-360575 Affiliated to Saurochter.

Affiliated to Saurashtra University: UGC 2(f) & 12(B) College

E-mail: iqacmdscpbr@gmail.com Web Site: www.mdscpbr.org



|   | Month    | Activities to be done  |
|---|----------|--|
| 1 | June -16 | Term starts 16-06-16 Counselling Remedial Teaching, Bridge Course (Terminology of various science subjects) International Yoga Day celebration   |
| 2 | July-16  | Student's presentation–Every Saturday Awareness program by NSS Gurupurnima Celebrations College level Seminar - Chemistry Thelessemia Testing Quizz competition Scope activity   |
| 3 | Aug-16   | Women empowerment program-First two week Soil analysis Janmashtami Celebration Thalassemia Testing Phase – 2 Celebration of Independence day Art and cultural events Blood grouping & blood donation camp  |
| 4 | Sept.16  | Guest's Lecture Internal Exam sem1, 3, 5 Arrears Exam Sem-1, 3, 5 Celebration of Teacher's Day ThelessemiaCouncelling with parents Celebration of Ganesh Chaturthi College level SAPTADHARA competitions District level SAPTADHARA competitions Sports day celebration University Youth Festival Celebration |
| 5 | Oct-16   | Prohibition Week Celebration Gandhi Jayanti Celebration Celebration of Navratri District level SAPTADHARA competitions   |

Commissed to Qualit

|    |          | University Exams Vacation from 27-10-16   |
|----|----------|---|
| 6  | Nov.16   | Vacation opens 24-11-16 University Exams Phylarea Eradication Awareness Program Disaster management program                                   |
| 7  | Dec.16   | Field visit for junior students International AIDS day celebration N. S. S. Camp Red ribbon club Environment preservation Overseas Employment |
| 8  | Jan.17   | Guest lecture-Value education, Elocution competitions National voter's day celebration Republic day celebration College Seminar               |
| 9  | Feb.17   | Career counseling activities Internal Exams Sem-2,4,6 Arrears Exam Internal Assessment Workshop by Government Agency                          |
| 10 | Mar-17   | Educational / Industrial Tour Revision Content University Practical Examinations AIDS Awareness program                                       |
| 11 | April-17 | University Semester Examinations Preparation of State level SAPTADHARA Competitions University Semester Examinations                          |
| 12 | May-17   | Campus Interviews Preparation of State level SAPTADHARA Competitions Vacation from 1-5-17   |