#### Annual Quality Assurance Report (AQAR) for the Year: 2017-18

#### Part - A

# I. Details of the Institution:

1.1 Name of the Institution : VASANTRAO NAIK MAHAVIDYALAYA

1.2 Address Line 1 : AIRPORT ROAD

Address Line 2 :

City/Town : AURANGABAD

**State** : MAHARASHTRA

**Pin Code** : 431003

**Contact Nos.** : 0240 2482321

Name of the Head of the : Professor Milind Ubale

Institution

Tel. No. with STD Code :

**Mobile** : +919730365498

Name of the IQAC : Dr. Jaishree Chamargore

Coordinator

**Mobile** : +919420268565

IQAC e-mail address : vnma\_iqac@rediffmail.com

**1.3 NAAC Track ID** : EC\_52\_RAR\_19 dated 28-03-2010-Vasantrao Naik College,

Aurangabad-Maharashtra.doc

**1.4 NAAC Executive Committee** : EC (SC)/28/A&A/68.3 Dated:30/10/2017

No. & Date:

| 1.5 We         | ebsite addre  | ess                   | :        | www.naikcollege.org |                       |                    |                      |  |  |  |  |
|----------------|---------------|-----------------------|----------|---------------------|-----------------------|--------------------|----------------------|--|--|--|--|
| We             | eb-link of th | ne AQAR               | :        | http://www.         | naikcollege.org/ac    | ıar.html           |                      |  |  |  |  |
|                |               |                       |          | For ex.http:/       | //www.ladykeanec      | college.edu.in/    | /AQAR2012-13 doc     |  |  |  |  |
| 1.6 Acc        | creditation   | Details               |          |                     |                       |                    |                      |  |  |  |  |
|                | Sr. No.       | Cycle                 | Grade    | CGPA                | Year of Accreditation | Validity<br>Period |                      |  |  |  |  |
|                | 1             | 1 <sup>st</sup> Cycle | В        |                     | 2003                  | 5 years            |                      |  |  |  |  |
|                | 2             | 2 <sup>nd</sup> Cycle | В        | 2.70                | 2010                  | 5 years            |                      |  |  |  |  |
|                | 3             | 3 <sup>rd</sup> Cycle | B+ +     | 2.76                | 2017                  | 5 years            |                      |  |  |  |  |
|                | te of Establ  | ishment of IQ         |          | 3/2004<br>2017-18   |                       |                    |                      |  |  |  |  |
| <b>1.9</b> Det | ails of the p | revious year's        | AQAR sub | mitted to NA        | AAC after the lates   | st Assessment      | and Accreditation by |  |  |  |  |
| NA             | AAC           |                       |          |                     |                       |                    |                      |  |  |  |  |
| 1.10 In        | stitutional   | Status:               |          |                     |                       |                    |                      |  |  |  |  |
|                | Universi      | ty                    |          | State 1             | Central               | Deemed             | Private              |  |  |  |  |
|                | Affiliate     | d College             |          | Yes 🔽               | No                    | 7                  |                      |  |  |  |  |

Yes

Yes

No

No

Yes

No

Constituent College

Autonomous College of UGC

Regulatory Agency approved Institution

| 1.11 Type of Faculty/Program:                              |  |
|--|--|
| Arts Science J Commerce                                    | Law PEI (Phys Edu)   |
| TEI (EDU) Engineering Health Scie                          | ience Management v Others (Specify)                            |
| 1.12 Name of the Affiliating University (for the Colleges) | Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, M.S. |
| 1.13 Special status conferred by Central/State Government  | nent—UGC/CSIR/DST/DBT/ICMR etc                                 |
| Autonomy by State/Central Govt. University:                | N/A  |
| University with Potential for Excellence                   | N/A UGC-CPE N/A  |
| DST Star Scheme  | N/A UGC-CE N/A   |
| UGC-Special Assistance Program                             | N/A DST-FIST N/A   |
| UGC-Innovative PG Program                                  | N/A Any other (Specify) N/A                                    |
| UGC-COP Programs   |  |
| 2. IQAC Composition and Activities:                        | 08   |
| 2.1 No of Teachers   | 02   |
| 2.2 No of Administrative/Teaching Staff                    |  |
| 2.3 No of Students   |  |
| 2.4 No of Management representative                        |  |
| 2.5 No of Alumni   |  |
| 2.6 No of any other stakeholder and community              |  |
| representatives 2.7 No of Employers/Industrialists         |  |
| 2.8 No of other External Experts                           | 02   |

| 2.9 Total No. of members                        | 12   |
|---|--|
| 2.10 No of IQAC meetings held                   | 10   |
| 2.11 No of meetings with various stakeholders:  | No Faculty 03  |
| Non-Teaching Staff Students                     | Alumni Others  |
| 2.12 Has IQAC received any funding from UG      | C during the year? Yes No                                      |
| If yes, mention the amount                      |  |
| 2.13 Seminars and Conferences (only quality i   | related)   |
| (i) No. of Seminars/Conferences/Wor             | kshops/Symposia organized by the IQAC                          |
| Total Nos International -                       | - National State Institution Level 03                          |
| (ii) <b>Themes:</b> 1. The newly implemented    | ed Maharashtra Public University Act, 2016.                    |
| 2. Assessment, Accreditat                       | ion & Academic Audit.  |
| 3. Issues related to perfor                     | mance based appraisal scheme an academic Performance indicator |
| as per 4 <sup>th</sup> amendment of t           | he U.G.C.  |
| 2 14 Significant Activities and contributions n | nada by IOAC   |

- Undergone the process of Third cycle of Accreditation by NAAC and scored B<sup>++</sup> grade with CGPA 2.76.
- IQAC has effectively conducted three institutional level workshops.
- IQAC has taken initiatives to strengthen the centre for teaching, Learning and Evaluation by conducting various activities and thereby played a significant role in enhancing the quality of education in the College.
- For promotion of Research, a core research team is formed to focus on the research enhancement.
- Recognition to the Research Center in the subject of Chemistry by the Parent University.
- Two faculty members were recognized as research guide in their respective subjects.
- IQAC has given important contribution to streamline the process of offline feedback mechanism. IQAC also analyses teaching learning feedback from teachers, students and parents.
- Eight faculty members attended Orientation /Refresher and Short Term Course.
- Decisions for improving the academic process the infrastructure, library facilities up gradations were recommended to college development council for proper implementation.
- IQAC implemented the process of maintaining teaching plan (lecture plans) by each teacher and teachers diary to continuously monitor and improve teaching learning process.

- IQAC has emphasized and encouraged use of ICT for enhancing the quality of teaching learning process.
- IQAC has organized lecture series, quality enhancement workshops, seminars, for facilitating interaction with experts in respective fields.
- IQAC has also contributed in the field of Examination reforms.
- Rain Water Harvesting and Plastic free campus is maintained.
- Cyclic plantation program.

#### 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

#### Plan of Action Achievements

- 1. At least two institutional workshops to be Conducted.
- 2. Persuasion for the Research Center in the subject of Chemistry by the Parent University.
- 3. Enhancing Quality of Teaching and Learning.
- 4. Motivating the Research Culture.
- 5. Faculty members to be motivated to be Recognized as research guides in the respective Subject.
- 6. Installation of Rain Water Harvesting system and Plastic free campus made mandatory.
- 7. Persuasion for the registration of Alumni Association.
- 8. Admission Process.
- 9. Faculty members to be motivated to attend Orientation / Refresher and Short Term Course.
- 10. Enhancing Results.
- 11. Enhancing value based education program.

- 1. During Academic Year 3 institutional Workshop was conducted.
- 2. Recognition to the Research Center in the Subject of Chemistry by the Parent University.
- 3. Implementation of Teachers Diary that contains detailed information regarding the teaching plan, execution, and recording of the day wise activities of the teacher.
- 4. Formation of Researchers forum/Committee to inculcate and motivate the research culture.
- 5. Two faculty members were recognized as research guide in the respective subject.
- 6. Rain Water Harvesting and Plastic free campus made mandatory, Cyclic plantation program, is continued every year.
- 7. Registration of Alumni Association.
- 8. Implementation of online Admission process for all courses.
- 9. Eight faculty members attended Orientation /Refresher and Short Term Course.
- 10. Brain storming Meetings of teachers teaching M.Sc. Chemistry & Under graduate students were organized and preparation strategies were drawn for enhancing the results.
- 11. Yoga Day, value based education program activates were organized by NSS/NCC Unit organization of various program on value education by value based committee.

<sup>\*</sup> Attached Academic Calendar of the year as Annexure- 1 a, b, c, d & e

| <b>2.16</b> Whether the AQAR was placed in statutory b | ody: | Yes    | ٧        | No |  |
|--|------|--------|----------|----|--|
| Management V Syndicate                                 |      | Any ot | her body |    |  |
| Provide the details of the action taken                |      |        |          |    |  |
|  |      |        |          |    |  |

## Part - B

# Criterion-I

# 1. Curricular Aspects

# VASANTRAO NAIK MAHAVIDYALAYA AURANGABAD 2017-18

# CATEGORY-WISE STUDENT LIST FOR ELECTIVE COURSE SYSTEM

|                        | Name of the  | GL AGG        |      | ΓAL STU<br>STRENG |       |     | (   | CATEG | ORY WI | SE STU | JDENTS       |      |
|------------------------|--------------|---------------|------|-------------------|-------|-----|-----|-------|--------|--------|--------------|------|
| Sr.<br>No.             | Progra<br>m  | CLASS         | BOYS | GIRLS             | TOTAL | SC  | ST  | OBC   | VJ/NT  | SBC    | MINO<br>RITY | OPEN |
|                        |              | B.A.FY        | 176  | 63                | 239   | 83  | 9   | 24    | 49     | 1      | 20           | 53   |
| 1                      | ARTS         | B.A.SY        | 28   | 26                | 54    | 23  | 3   | 4     | 16     | 1      | 0            | 7    |
|                        |              | B.A.TY        | 42   | 24                | 66    | 20  | 7   | 7     | 16     | 1      | 2            | 13   |
|                        |              | B.COM.<br>FY  | 56   | 62                | 118   | 27  | 3   | 36    | 10     | 1      | 2            | 39   |
| 2                      | COMM<br>ERCE | B.COM.<br>SY  | 37   | 24                | 61    | 19  | 3   | 8     | 5      | 0      | 3            | 23   |
|                        |              | B.COM.<br>TY  | 41   | 31                | 72    | 19  | 3   | 11    | 9      | 1      | 2            | 27   |
|                        | COLEN        | B.Sc. FY      | 81   | 47                | 128   | 26  | 5   | 30    | 29     | 0      | 5            | 33   |
|                        | SCIEN<br>CE  | B.Sc. SY      | 23   | 29                | 52    | 12  | 5   | 8     | 7      | 0      | 0            | 20   |
| 3                      |              | B.Sc. TY      | 24   | 21                | 45    | 8   | 7   | 3     | 8      | 1      | 3            | 15   |
|                        | TOTA         | L 1+2+3       | 508  | 327               | 835   | 237 | 45  | 131   | 149    | 6      | 37           | 230  |
|                        |              | B.C.S.<br>FY  | 39   | 20                | 59    | 29  | 2   | 5     | 3      | 1      | 3            | 16   |
|                        | MANA         | B.C.S.<br>SY  | 13   | 9                 | 22    | 8   | 1   | 3     | 2      | 1      | 0            | 7    |
| 4                      | GEME<br>NT   | B.C.S.<br>TY* | 24   | 15                | 39    | 19  | 1   | 3     | 5      | 0      | 1            | 10   |
|                        | SCIEN<br>CE  | B.C.A.<br>FY  | 30   | 11                | 41    | 23  | 0   | 6     | 2      | 1      | 3            | 6    |
|                        | CE           | B.C.A.<br>SY  | 18   | 8                 | 26    | 14  | 3   | 1     | 3      | 0      | 1            | 4    |
|                        |              | B.C.A.<br>TY* | 14   | 7                 | 21    | 13  | 2   | 1     | 2      | 2      | 0            | 1    |
|                        | TOTAL        |               | 138  | 70                | 208   | 106 | 9   | 19    | 17     | 5      | 8            | 44   |
| GRAND TOTAL<br>1+2+3+4 |              | 646           | 397  | 1043              | 343   | 54  | 150 | 166   | 11     | 45     | 274          |      |

CATEGORY-WISE STUDENT LISTS FOR (CBCS) PG M.Sc. CHEMISTRY 2017-18

|        | Name of<br>the<br>Program |      | TAL STU |       |    | CATEGORY WISE STUDENTS |     |       |     |          |      |
|--------|---------------------------|------|---------|-------|----|------------------------|-----|-------|-----|----------|------|
| Sr.No. |                           | BOYS | GIRLS   | TOTAL | SC | ST                     | OBC | VJ/NT | SBC | MINORITY | OPEN |
| 1      | M.Sc.<br>First Year       | 21   | 9       | 30    | 4  | 2                      | 6   | 6     | 0   | 0        | 12   |
| 2      | M.Sc.<br>Second<br>Year   | 19   | 7       | 26    | 3  | 1                      | 2   | 8     | 1   | 1        | 10   |
|        | GRAND<br>TOTAL            | 40   | 16      | 56    | 7  | 3                      | 8   | 14    | 1   | 1        | 22   |

# Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words.

The college has permanent affiliation for four under-graduate programs: two other self- financed UG programs and one PG program. Two research laboratories, Botany and Chemistry are recognized research centers. Also, the college has very active NSS, NCC and Lifelong Learning units.

The college follows standard procedures such as implementing the Academic diary, Teaching plan, Academic Calendar etc for all faculties.

College website also displays all the curricular, co-curricular and other necessary information. Departmental meetings ,meeting with principal regarding work load distribution, teaching methodologies, planning and execution of assignments, seminars, projects, tests (MCQs, problem solving, quiz etc.), demos and conduction of practical, study tours, field visits, industrial tours, surveys, guest lecturers etc are discussed during the meetings. Syllabus completion report is submitted by the faculty regularly. Test tutorials, question paper workshop, class test, projects, counseling, career guidance etc are conducted throughout the year and bridge course for first year students is conducted by respective faculty at the beginning of academic year.

Monthly attendance report is submitted by every faculty and attendance status of the students is communicated to the parents by way to SMS. College also practices Tutor- Ward mechanism by allotting a fixed ratio of teacher to students and monitoring the progress of student. For effective delivery of the curriculum, college follows the chalk-board method, power point presentation and multimedia classes, departmental and central library with highly developed infrastructure like OPAC, INFLIBNET, N-list, book-bank scheme, Central Library of Dr.Babasaheb Ambedkar Marathwada University (KRC Remote Access of E- Database), syllabus, question papers, faculty publications etc.

#### How the feedback obtained is being analyzed and utilized for overall development of the institution?

The college has its mechanism to obtain feedback on curriculum from academic experts, outgoing students and alumni.

Students Feedback is obtained from students at the end of the academic year in standard format.

The feedback proforma permits the liberty to student in filling the teacher-wise, subject-wise rating and performance of respective teachers in all aspects like presentation, communicative skills of teachers, interaction and assessment ability also discipline in class. Cross analysis of feedback proforma by another faculty member for the clarity and transparency in the mechanism set.

# II. Teaching, Learning and Evaluation

# 2.1 Total No. of Permanent Faculty

| Total | Asst. Professors | Associate<br>Professors | Professors | Others |
|-------|------------------|-------------------------|------------|--------|
| 29    | 19               | 09                      | 01         |        |

#### 2.2 No. of Permanent Faculty with Ph.D.: 17

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

| Asst. Professors |   |   | Associate<br>Professors |   | Professors |   | Others |    | Total |  |
|------------------|---|---|-------------------------|---|------------|---|--------|----|-------|--|
| R                | V | R | V                       | R | V          | R | V      | R  | V     |  |
|                  |   |   |                         |   | 01         |   |        | 00 |       |  |

| 2.4 No. of Guest and Visiting faculty and Temporary faculty: | st | - |
|--|----|---|
|--|----|---|

| ſ | $\qquad \qquad \Longrightarrow \qquad \qquad$ |
|---|---|
|   | Temporary 13                                  |

# 2.5 Faculty participation in conferences and symposia:

| No. of Faculty   | International | National level | State level | University level |  |
|------------------|---------------|----------------|-------------|------------------|--|
|                  | level         |                |             |                  |  |
| Attended         | 20            | 37             | 29          |                  |  |
| Presented Papers | 17            | 23             | 02          |                  |  |
| Resource Persons | 01            | 04             |             |                  |  |

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

- ICT tools such as Power Point Presentations, audio-visuals and animated videos, software, posters, charts and Models are used. Multimedia classrooms are made available for interactive and effective teaching.
- Skill development program was initiated for active involvement and awareness among the students.
- Students are encouraged to participate in seminars, research projects, group discussions, debates, intercollegiate and university level competitions.
- Faculty and student participation in university level youth festivals, AVISHKAR- (University level), aid in research paper poster presentation of students.

- Other reforms to inspire students such as study tours, visit to industries, surveys, hands on training
  programs in other colleges, guest lectures, lecture series and participation in sports and yoga for boosting
  concentration are also practiced.
- Student social responsibility awareness through NSS and NCC.
- Subject-wise interest development through practice of cross word solving and worksheet solving.
- Department-wise magazine, scrape book or wall paper activity for culturing of team work, learning skills and perception in students.
- 2.7 Total No. of actual teaching days during this academic Year:

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

- Examination is conducted as per rules and regulations of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
- Exams are conducted in semester pattern to all U.G. and P.G. courses.
- Evaluations like tests, tutorials, assignments, objective type tests are conducted at college level.
- College internal assessment committee monitors all these tasks.
- In terms of re-evaluation of marks, college also provides facility for rechecking the paper in university exams.
- Workshop on 'question paper pattern and solving' is conducted by all faculties before the commencement of university semester exams.

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

BOS-03

**2.10** Average percentage of attendance of students----- 75%

#### 2.11 Course/Program wise distribution of pass percentage:

| Title of the | Total number |                      |     | Division |       |        |
|--------------|--------------|----------------------|-----|----------|-------|--------|
| Program      | of students  | <b>Distinction %</b> | I % | II %     | III % | Pass % |
|              | appeared     |                      |     |          |       |        |
| B.A          | 55           |                      | 03  | 16       |       | 34.54  |
| B.Com        | 67           |                      | 10  | 19       |       | 43.28  |
| B.Sc         | 43           |                      | 04  | 04       |       | 18.60  |
| BCS          | 38           |                      | 16  | 02       |       | 47.36  |
| BCA          | 18           |                      |     |          |       | 0.00   |
| M.Sc.(Chem)  | 23           |                      |     |          |       | 52.17  |

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

- During the commencement of academic year, annual teaching plan and timetable of all courses is planned and also timetable of internal assessment is designed and implemented.
- Throughout the year, syllabus completion report is procured from all respective faculty members.
- Tutor-ward mechanism for enhancing academic performance is implemented and followed; each faculty member is allotted 10 students.
- Result analysis of internal and university exams is conducted at faculty and course level.

# 2.13 Initiatives undertaken towards faculty development: - Faculty members are timely sent for orientation and refresher courses. They are inspired to attend trainings and workshops on syllabi. The members of BOS help to convey the suggestions regarding changes and innovations in the syllabus.

| Faculty / Staff Development Programs           | Number of faculty<br>benefitted |
|--|---------------------------------|
| Refresher courses                              | 01                              |
| UGC – Faculty Improvement Programme            |                                 |
| HRD programs/ Short term courses               | 03                              |
| Orientation programs                           | 03                              |
| Faculty exchange programme                     |                                 |
| Staff training conducted by the university     |                                 |
| Staff training conducted by other institutions | 01                              |
| Summer / Winter schools, Workshops, etc.       | 00                              |
| Others   |                                 |

## 2.14 Details of Administrative and Technical staff

| Category             | Number of<br>Permanent<br>Employees | Number of<br>Vacant<br>Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|----------------------|-------------------------------------|----------------------------------|--|--|
| Administrative Staff | 60                                  |                                  |  |  |
| Technical Staff      | 23                                  | 06                               | 06   |  |

## Criterion - III

# 3. Research, Consultancy and Extension

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

Faculty is regularly encouraged to involve in research activity, participation in seminar & conferences, present their research work and publish the work in renowned journals. They are encouraged to submit research proposals to financing bodies like, University, UGC, DST etc. Researchers are motivated to conduct research on social issues. The research articles published by the faculty members are compiled and made readily available for reference.

#### 3.2 Details regarding major projects:

|               | Completed | Ongoing         | Sanctioned | Submitted |
|---------------|-----------|-----------------|------------|-----------|
| Number        |           | 01 (DST)        |            |           |
| Outlay in Rs. |           |                 |            |           |
| Lacks         |           | Rs. 23.08 Lakhs |            |           |

#### 3.3 Detail regarding minor projects:

|               | Completed | Ongoing        | Sanctioned | Submitted |
|---------------|-----------|----------------|------------|-----------|
| Number        |           | 02+1           |            |           |
| Outlay in Rs. |           | Rs. 1.60 Lakhs |            |           |
| Lacks         |           | 25000/-        |            |           |
|               |           | 25000/-        |            |           |
|               |           | 25000/-        |            |           |

#### 3.4 Details on research publications:

|                                 | International | National | Others (News<br>Paper) |
|---------------------------------|---------------|----------|------------------------|
| Peer Review Journals e-Journals | 56            | 16       |                        |
| Non-Peer Reviewed Journals      |               |          |                        |
| Conference proceedings          |               |          |                        |

| 3.5 Details on Impact factor of publications:   |               |                         |                 |             |  |  |  |  |  |
|---|---------------|-------------------------|-----------------|-------------|--|--|--|--|--|
| Range 0.5 Average   | 3.42          | h-index No              | s. in SCOPUS    |             |  |  |  |  |  |
| 3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations: |               |                         |                 |             |  |  |  |  |  |
| Nature of the Project   | Duration      | Name of the funding     | Total grant     | Received    |  |  |  |  |  |
|   | Year          | Agency                  | sanctioned      |             |  |  |  |  |  |
| Major Project   | 3             | DST, New Delhi          | 23,08000/-      | 12,00000/-  |  |  |  |  |  |
| Minor Project   | 2 YRS         | UGC (WRO) Pune          | 1,60000/-       | 1,20,000/-  |  |  |  |  |  |
|   | 1 YRS         | Dr. B.A.M.U. Aurangabad | 25000/-         |             |  |  |  |  |  |
| Interdisciplinary Project   |               |                         |                 |             |  |  |  |  |  |
|   |               |                         |                 |             |  |  |  |  |  |
| Industry sponsored  |               |                         |                 |             |  |  |  |  |  |
| <b>Projects sponsored by the</b>  |               | Dr. B.A.M.U, Aurangabad | 25000/-         |             |  |  |  |  |  |
| University/College  | 1 YRS         | Dr. B.A.M.U, Aurangabad | 25000/-         |             |  |  |  |  |  |
|   |               | Dr. B.A.M.U, Aurangabad | 25000/-         |             |  |  |  |  |  |
| Students research projects  |               |                         |                 |             |  |  |  |  |  |
| (other than compulsory by the   |               |                         |                 |             |  |  |  |  |  |
| University)   |               |                         |                 |             |  |  |  |  |  |
| Any other (Specify)   |               |                         |                 |             |  |  |  |  |  |
| Total   |               |                         | 25,43,000/-     | 14,10,000/- |  |  |  |  |  |
| 3.7 No. o f the books published i)  | with ISBN N   | No. 02 Chapter          | s in Edited Boo | ks          |  |  |  |  |  |
| ii)   | without ISB   | N No.                   |                 |             |  |  |  |  |  |
| 3.8 No. of University Departments   | s receiving f | funds from:             |                 |             |  |  |  |  |  |
| UC  | GC-SAP        | CAS                     | DST-FIST        |             |  |  |  |  |  |
|   | DPE           | DBT S                   | scheme/Funds    |             |  |  |  |  |  |
| 3.9 For Colleges: Au  | tonomy        | - CPE DE                | 3T Star Scheme  |             |  |  |  |  |  |
| INS   | SPIRE         | - CE An                 | y Other (Specif | (y)         |  |  |  |  |  |
| 3.10 Revenue generated through consultancy: 0   |               |                         |                 |             |  |  |  |  |  |

| 2 11 | Nο   | ۸f | conferences | arganizad | hv | tha | Institution |
|------|------|----|-------------|-----------|----|-----|-------------|
| J.11 | INU. | UΙ | comerences  | organized | υy | uie | msutuuon:   |

| Level               | International | National | State | University | College |
|---------------------|---------------|----------|-------|------------|---------|
| Number              |               |          |       |            |         |
| Sponsoring agencies |               |          |       |            |         |

| 1 0 0  |                  |                  |                |                  |         |  |
|--|------------------|------------------|----------------|------------------|---------|--|
| 3.12 No. of the faculty serve  | ed as experts, c | hairpersons of r | esource perso  | ons: 02          |         |  |
| 3.13 No. of Collaborations   | : Internationa   | l Nati           | ional 04       | Any other        |         |  |
| 3.14 No. of the linkages cre   | ated during thi  | s year: 00       |                |                  |         |  |
| 3.15 Total budget for research for current year in lacks: 25,43000/- |                  |                  |                |                  |         |  |
| From Funding Agency  | 24,68000/-       | From Manag       | gement of Univ | versity/college: | 75000/- |  |
| Total 25,43000/-   |                  |                  |                |                  |         |  |

3.16 No. of patents received this year:

| Type of Patent |         | Number |
|----------------|---------|--------|
| National       | Applied |        |
|                | Granted |        |
| International  | Applied |        |
|                | Granted |        |
| Commercialized | Applied |        |
|                | Granted |        |

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

| Total | International | National | State | University | Dist. | College |
|-------|---------------|----------|-------|------------|-------|---------|
|       | 00            | 02       | 00    |            |       |         |

|  | -                | 00                | 02              | 00          |           | -  |   |
|--|------------------|-------------------|-----------------|-------------|-----------|----|---|
| 3.18   | No. of the facul | lty from the Inst | itution who are | Ph.D. Guide | es 08     |    |   |
|  | And Studen       | ts registered un  | der them 43     |             |           |    |   |
| 3.19 No. of Ph.D. awarded by faculty from the Institution: 02                            |                  |                   |                 |             |           |    |   |
| 3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones) |                  |                   |                 |             |           |    |   |
|  | IRE              | SDE               | Droject Fellow  | 76 01       | Any other | 01 | 1 |

| 3.21 No. of students participated in NSS events : $250$ |                  |    |                     |    |  |  |  |
|---|------------------|----|---------------------|----|--|--|--|
|   | University Level |    | State Level         |    |  |  |  |
|   | National Level   |    | International Level |    |  |  |  |
| 3.22 No. of students participated in N                  | ICC events:      |    |                     |    |  |  |  |
|   | University Level |    | State Level         |    |  |  |  |
|   | National Level   | 01 | International Level |    |  |  |  |
| 3.23 No. of Award won in NSS:                           |                  |    |                     |    |  |  |  |
|   | University Level |    | State Level         |    |  |  |  |
|   | National Level   |    | International Level |    |  |  |  |
| 3.24 No. of Award won in NCC:                           |                  |    |                     |    |  |  |  |
|   | University Level |    | State Level         |    |  |  |  |
|   | National Level   |    | International Level |    |  |  |  |
| 3.25 No. of Extension activities organi                 | ized:            |    |                     |    |  |  |  |
|   | University Forum |    | College Forum       |    |  |  |  |
|   | NCC              | 07 | NSS                 | 08 |  |  |  |
|   | Any other        |    |                     |    |  |  |  |

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

#### • NSS

- 1. Organized camps and rallies for social causes like, blood donation, tree plantation, medical checkup, AIDS awareness, environmental awareness etc.
- 2.. NSS Special Rural Camp for 7 days.
- 3. International Yoga Day.

#### • NCC

- 1.Extending social services as tree plantation, Polio awareness program, Blood donation camp, Anti dowry, Anti corruption, Water conservation rallies, mountaineering etc.
- 2. 'Swacchata Abhiyaan' on Gandhi Jayanti.
- 3. Display of social theme on the occasion of Republic Day.
- 4. INTERNATIONAL YOGA DAY
- 5. Cadet participated In District Disaster Management Authority

# Criterion - IV

# 4. Infrastructure and Learning Resources

#### **4.1** Details of increase in infrastructure facilities:

| Facilities  | Existing    | Newly created | Source of<br>Fund | Total       |
|---|-------------|---------------|-------------------|-------------|
| Campus area   | 5Acre       | -             |                   | 5Acre       |
| Class rooms   | 15          |               |                   | 15          |
| Laboratories  | 06          |               |                   | 06          |
| Seminar Halls   | 03          |               |                   | 03          |
| No. of important equipments purchased (≥ 1-0 lakh) during the current year. | 04          |               |                   | 04          |
| Value of the equipment purchased during the year (Rs. in Lakhs)             | 47,100=00   |               |                   | 47,100=00   |
| Others(Glass and Aluminium<br>Material)                                     | 3,24,960=00 |               |                   | 3,24,960=00 |

## 4.2 Computerization of administration and library

1) Library Management System Software exists since 2005 and upgraded with web based software from 2016.

The library services provided are as follows:-

- Data entry of books,
- Bar coding,
- Membership Entry
- Issue-return-renewalclaiming, searching (OPAC),cataloguing etc
- 2) Office QUALSOFT

Fees Counter/T.C/Pay-roll

# 4.3 Library services:

|                       | E  | xisting   | Newly                                | added  |  | Total                                   |
|-----------------------|--|---|--------------------------------------|--|--|---|
|                       | No.  | Value   | No.                                  | Value  | No.  | Value                                   |
| Text Books            | 1779<br>6                                      | 20,79,801=  | 220                                  | 58,674=00  | 18016  | 21,38,475=00                            |
| Reference Books       | 2646<br>1                                      | 33,97,179=<br>00                                  | 432                                  | 99,503=00  | 26893  | 34,96,682=00                            |
| Journals              | 56(No of<br>Journals)<br>592<br>(Bound<br>Vol) | 2,24,319/   |                                      |  | 56(No of<br>Journals)<br>592<br>(Bound<br>Vol) | 2,24,319=00                             |
| e-Books               | 97000+<br>149839<br>+                          | 52,798=00<br>(INFLIBNET-<br>KRC Remote<br>Access) | 97000+<br>149839+                    | INFLIBNET-<br>5,900=0<br>0-KRC<br>Remote<br>Access-<br>10,000=0<br>0 | 97000+<br>149839+                              | 68,698=00 (INFLIBNET-KRC Remote Access) |
| e-Journals            | 6000+<br>81509+                                | As above  | 6000+<br>81509+                      | As above   | 6000+<br>81509+                                | As above                                |
| Digital Database      | 21+  | As above  | 21+                                  | As above   | 21+  | As above                                |
| CD & Video            |  |   |                                      |  | 238  | 46,421=00                               |
| Library<br>automation | Web<br>Based<br>Version                        | 60,000=00<br>45,000=00                            | Annual<br>Maintenan<br>ce            | 9,000=00   | -  | 1,14,000=00                             |
| Others (specify)      | 160<br>(Scienc<br>e<br>Charts)                 | 54,440=00   | Charges<br>                          |  | 160<br>(Science<br>Charts)                     | 54,440=00                               |
| Journals              | 56(No of Journals)<br>592<br>(Bound Vol)       | 2,24,319/   |                                      |  | 56(No of<br>Journals)<br>592<br>(Bound<br>Vol) | 2,24,319=00                             |
| e-Books               | 97000+<br>149839<br>+                          | 52,798=00<br>(INFLIBNET-<br>KRC Remote<br>Access) | 97000+<br>149839+                    | INFLIBNET-<br><b>5,900=00</b> -KRC  Remote  Access- <b>10,000=00</b> | 97000+<br>149839+                              | 68,698=00 (INFLIBNET-KRC Remote Access) |
| e-Journals            | 6000+<br>81509+                                | As above  | 6000+<br>81509+                      | As above   | 6000+<br>81509+                                | As above                                |
| Digital Database      | 21+  | As above  | 21+                                  | As above   | 21+  | As above                                |
| CD & Video            |  |   |                                      |  | 238  | 46,421=00                               |
| Library<br>automation | Web<br>Based<br>Version                        | 60,000=00<br>45,000=00                            | Annual<br>Maintena<br>nce<br>Charges | 9,000=00   | -  | 1,14,000=00                             |
| Others (specify)      | 160<br>(Scienc<br>e<br>Charts)                 | 54,440=00   |                                      |  | 160<br>(Science<br>Charts)                     | 54,440=00                               |

# 4.4 Technology up gradation (overall)

|              | Total<br>Computers | Computer<br>Labs | Internet | Browsing<br>Centers | Computer<br>Centers | Office | Depart<br>ments | Othe<br>rs |
|--------------|--------------------|------------------|----------|---------------------|---------------------|--------|-----------------|------------|
| Existin<br>g | 191                | 02               | 191      | 12                  | 12                  | 14     | 06              | 10M<br>BPS |
| Added        |                    |                  |          |                     |                     |        |                 |            |
| Total        | 191                | 02               | 191      | 12                  | 12                  | 14     | 06              | 10M<br>BPS |

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

- 1. Dr. Milind Ubale –Http://www.slideshare.net/milindubale-Dr.B.R.Ambedkar's Approach to Women's Empowerment.
- 2. Dept of Zoology designed website for student & zoowithme
- 3. INFLIBNT N-List Online Database
- 4. Dr.BAMU KRC Remote Access Online Database
- 5. VNM Digital Library -Intranet 192.168.10.170

| 4.6 | Amount spent on maintenance in Lakhs:    | (As per Audit Report 2017-18) |  |  |
|-----|--|-------------------------------|--|--|
|     | i) ICT                                   | 1,95,533/-                    |  |  |
|     | ii) Campus Infrastructure and facilities | 18 72 829/-                   |  |  |

iii) Equipments 4,69,650/-

iv) Others Nil

**Total:** 25,38,012/-

#### Criterion – V

# 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services:-

- Students are made aware of the different facilities available in the college through Signboards, prospectus, way to SMS and regular counseling.
- The tutor- ward mechanism helps assists in identifying slow and advanced learners. Accordingly they are counseled and inspired in academic and extra- curricular development such as, career guidance, guidance for competitive exams etc.
- Curricular and Co-curricular activities are run by all departments such as Science days, Marathi Day, Hindi Day, Establishment of Social Science Forum, Concern Subject Forum, wallpapers, quiz, essay, elocution, seminar competitions.
- Lectures by renowned personalities are conducted. Cultural Programs are also conducted in the College.
- Important days, like, Independence, Republic, University foundation, Marathwada Mukti Sangram, Women's, Youth, Birth and death anniversary days of National Heroes of India are celebrated to inculcate love and devotion for Nation.
- Students' council plays a role in inculcating leadership qualities, personality and helps in student grievance.

### 5.2 Efforts made by the institution for tracking the progression:-

- Academic progress of the students is monitored through continuous assessment programs like tests and tutorials.
- Extra classes are conducted for slow learners.
- Advanced learners are identified by the tutors and are facilitated for extra reading by providing reference books and giving special assignments.
- The tutor- ward mechanism helps assists in identifying tracking the progression.
- Result analysis is done yearly and teachers are asked to take extra efforts for weak students.

#### 5.3 (a) Total Number of students:-

| U.G. | P.G. | Ph.D. | Others |
|------|------|-------|--------|
| 1043 | 56   | 47    |        |

(b) No. of students outside the state :- Nil

(c) No. of International Students :- Nil

|         |     | Las | st Year |     |       |         |     | Thi | s Year |     |       |
|---------|-----|-----|---------|-----|-------|---------|-----|-----|--------|-----|-------|
|         |     |     |         | PH. |       |         |     |     |        | PH. |       |
| General | SC  | ST  | OBC     | CH. | Total | General | SC  | ST  | OBC    | CH. | Total |
| 395     | 427 | 79  | 424     |     | 1325  | 342     | 350 | 57  | 350    |     | 1099  |
|         |     |     |         |     |       |         |     |     |        |     |       |

| 5.4 Details of student support mechanism for coaching for competitive examinations (If any) No. Students beneficiaries:- |  |                             |                           |       |  |  |  |  |
|--|--|-----------------------------|---------------------------|-------|--|--|--|--|
| 5.5 No. of Students qualified  | ed in these examination :-                                       |                             |                           |       |  |  |  |  |
| NET :- SET   | T/SLET 1   | GATE                        | CAT                       |       |  |  |  |  |
| ,  |  |                             |                           |       |  |  |  |  |
| IAS/IPS STA  | ATE PSC  | UPSC                        | OTHER                     |       |  |  |  |  |
|  |  |                             |                           |       |  |  |  |  |
| 5.6 Details of student coun  | seling and career guidance                                       | <b>:-</b>                   |                           |       |  |  |  |  |
| Career counseling and guida  | ance imparted to about 60 stu                                    | udents.                     |                           |       |  |  |  |  |
| No. of students benefited  | 60   |                             |                           |       |  |  |  |  |
| 5.7 Details of campus place  | ement:-  |                             |                           |       |  |  |  |  |
|  | On campus  |                             | Off Campus                |       |  |  |  |  |
| Number of Organizations<br>Visited   | Number of Students Participated                                  | Number of Student<br>Placed | s Number of Stu<br>Placed | dents |  |  |  |  |
|  |  |                             |                           |       |  |  |  |  |
| 5.8 Details Of Gender Sens   | sitization Programs:   | 01                          |                           |       |  |  |  |  |
| 5.9. Students Activities:-   |  |                             |                           |       |  |  |  |  |
| 5.9.1 No. of students partic   | cipated in Sports, Games an                                      | d other events              |                           |       |  |  |  |  |
| No. of students par  | ticipated in game.   |                             |                           |       |  |  |  |  |
| State/ University Level 06 National Level International Level  |  |                             |                           |       |  |  |  |  |
| No. of students participated in cultural events.   |  |                             |                           |       |  |  |  |  |
| State/ University Level 08 National Level 0 International Level 0  |  |                             |                           |       |  |  |  |  |
| No. of students parti  | No. of students participated in other events.                    |                             |                           |       |  |  |  |  |
| State/ University Level  | tate/ University Level 02 National Level 0 International Level 0 |                             |                           |       |  |  |  |  |

|   | n by students in sports, Games a                      | nd other events         |  |  |  |  |
|---|---|-------------------------|--|--|--|--|
| Game.   |   |                         |  |  |  |  |
| State/ University Level 0   | National Level 0                                      | International Level 0   |  |  |  |  |
| Cultural events.  |   |                         |  |  |  |  |
| State/ University Level 0   | National Level 0                                      | International Level 0   |  |  |  |  |
| Other events.   |   |                         |  |  |  |  |
| State/ University Level 0   | National Level 0                                      | International Level 0   |  |  |  |  |
| 5.10 Scholarship and Financial  | Support :-  |                         |  |  |  |  |
|   | Number of Students                                    | Amount                  |  |  |  |  |
| E:  | 05  | 25100                   |  |  |  |  |
| Financial Support from Free-<br>ships                                 | 05  | 35180                   |  |  |  |  |
| Financial support from government                                     | 412   | 3954084                 |  |  |  |  |
| Financial support from other source / EBC                             | 44  | 152830                  |  |  |  |  |
| Number of students who received International / National recognition. |   |                         |  |  |  |  |
|   | otal  | 4142094                 |  |  |  |  |
| 5.11Student Organized/ initiativ                                      | ves   |                         |  |  |  |  |
| Fairs :- State/ University level                                      | 0 National Level                                      | 0 International Level   |  |  |  |  |
| Exhibition :- State/ University lev                                   | vel 0 National Level                                  | 0 International Level 0 |  |  |  |  |
| 5.12 No. of Social initiatives und                                    | lertaken by the students                              | 25                      |  |  |  |  |
| 5.13 Major grievances of studer                                       | 5.13 Major grievances of students ( if any) redressed |                         |  |  |  |  |
|   |   |                         |  |  |  |  |

#### Criterion – VI

# 6. Governance, Leadership and Management

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

Vision:- "Higher education for Socially and Economically Backward Classes"

**Mission:-** May the darkness of drown-trodden be expelled.

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

Yes

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

#### **6.3.1 Curriculum Development:**

- Curriculum Development program done by Board Of Studies of Affiliated University.
- No of demonstration and experiments were increased .
- Add on courses were started.
- Teachers were encouraged to participate in seminars, Conferences and Workshops on Curriculum development by other colleges.

# **6.3.2** Teaching and Learning

- Teaching-learning activities were conducted as per academic program forwarded by the University and annual teaching plans prepared by the teachers.
- Use of ICT enabled teaching.
- Use of Traditional methods in combination with advance method is encouraged.

### **6.3.3** Examination and Evaluation

- o As per the norms given by Dr. B.A.M.U., Aurangabad.
- o Regular test, tutorials and Seminars conducted by each department.

Submission of minor and major projects to funding agancies

#### **6.3.4** Research and Development

| Submission of minor and major projects to funding agencies  |
|---|
| Participation and presentations in seminars and conferences |
| Publications in renowned journals                           |
| Publication or editing of text or reference books           |
| To provide guidance for research to Doctoral students.      |
| To provide expertise to the community in different fields.  |

| 6.3.5                           | All the required equipment as per the syllabus are purchased and made available to the students.  |
|---------------------------------|---|
| 6.3.6                           | <b>Human Resource Management</b> Workshop on Maharashtra Public University Act, 2016 and new PBAS Guidelines conducted by the management.   |
| 6.3.7                           | Faculty and Staff recruitment   |
| •                               | Recruitment of staff is to be made according to the regulations of Government of Maharashtra and Dr. BAM University.  Preference is given to those fulfilling basic requirements but also have additional qualifications. |
| 6.3.8                           | Industry Interaction / Collaboration  |
| `                               | Industrial visits by science and commerce faculties.  |
| 6.3.9                           | Admission of Students   |
| <ul><li>✓</li><li>6.4</li></ul> | merit into consideration and following the roaster.   |
|                                 | Teaching Grievance cell, Credit Co-op. Society, Consumer Society, Vishakha samiti.  |
|                                 | Non teaching Grievance cell, Credit Co-op. Society, Consumer Society, Vishakha Samiti.  |
|                                 | Students Grievance cell, Consumer Society, Vishakha Samiti. Book-bank scheme  |
| 6.5                             | Total corpus fund generated Whether annual financial audit has been done Yes o  |

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

| Audit Type     |        | External |        | Internal   |
|----------------|--------|----------|--------|------------|
|                | Yes/No | Agency   | Yes/No | Authority  |
| Academic       |        |          | Yes    | Management |
| Administrative |        |          | Yes    | Management |

**6.8** Does the University/ Autonomous College declare results within 30 days?

For UG Programs - Yes For PG Programs - Yes

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

N/A

- **6.10** What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?
- 6.11 Activities and support from the Alumni Association -
- 6.12 Activities and support from the Parent Teacher Association-
- **6.13** Development programs for support staff -
  - $\bf 6.14$  Initiatives taken by the institution to make the campus eco-friendly -
    - :- 1) Tree Plantation. 2) Total College Campus is eco- Friendly.

#### **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.

Wi-Fi connected campus

Cleanliness Drive on 29 july, 2 Aug, 4 Aug, 17Aug, 24Aug, 9 Sept, 19 Sept, 2

Oct,23 Dec 2017,20 Jan 2018

Plastic free area movement

- **7.2** Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year
  - 1. Minutes of the first meeting were discussed with the management and permissions were acquired for infrastructural development.
  - 2. Add on, value added and skill oriented courses have been started for F.Y students.(30 contact Hrs.)
  - 3. Functioning of Alumni association started.
  - 4. Faculty members were motivated to undertake and publish quality research.
  - 5. Proposals for holding workshops were submitted.
  - 6. To improve the attendance of the students and their output in the examinations extra efforts are being taken by counseling through tutor-ward mechanism. Students are communicated through Way to SMS.
- 7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

  Special attention to girl students

**Green college –Clean College** 

Awards to meritorious students by the teaching faculty

\* Details in Annexure- 3

7.4 Contribution to environmental awareness / protection

Tree plantation drive

- 7.5 Whether environmental audit was conducted? Yes No  $\sqrt{\phantom{a}}$
- 7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

) --

#### 8. Plans of the institution for the next year:-

Conservation of power is the need of the hour. The Solar Energy is the only alternative for this emerging problem. We would like to covert this source to run the major electric appliances of the college. The solar energy unit would curtail the expenses on electricity bill and conserve the national loss. Installation of solar panels will definitely encourage the others to use the renewable energy. It will ad to the national welfare as it is the green energy that has no carbon printouts.

Installation of Compost units is also important plan to be chalked out. The use of pesticides in the fields is posing threat to the human as well as health of the animals. Compost unit will introduce chemical free alternative for the plants. It will help to create eco friendly zone to a great extent. This process will ultimately connect the students to the soil and renew their interest in farming. provision of Fire Extinguishwisher system to be installed.

Dr. Jaishree Chamargore
Signature of Coordinator IQAC

Professor Milind Ubale,
Principal
Signature of Chairman IQAC