



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

|   |  |                           |
|---|--|---------------------------|
| <b>1. Name of the Institution</b>             |  | MILIND COLLEGE OF SCIENCE |
| Name of the head of the Institution           |  | Dr. S. D. Rathod          |
| Designation                                   |  | Principal (in-charge)     |
| Does the Institution function from own campus |  | Yes                       |
| Phone no/Alternate Phone no.                  |  | 02402372756               |
| Mobile no.                                    |  | 9423451055                |
| Registered Email                              |  | milindsciece@gmail.com    |
| Alternate Email                               |  | sdr_rathod@yahoo.in       |
| Address                                       |  | Nagsev vana Contonment    |
| City/Town                                     |  | Aurangabad                |
| State/UT                                      |  | Maharashtra               |
| Pincode                                       |  | 431002                    |
| <b>2. Institutional Status</b>                |  |                           |

|  |                                |
|--|--------------------------------|
| Affiliated / Constituent               | Affiliated                     |
| Type of Institution                    | Co-education                   |
| Location                               | Urban                          |
| Financial Status                       | Self financed and grant-in-aid |
| Name of the IQAC co-ordinator/Director | Dr. A S Munde                  |
| Phone no/Alternate Phone no.           | 02402372756                    |
| Mobile no.                             | 9049422959                     |
| Registered Email                       | a_munde@yahoo.com              |
| Alternate Email                        | milindscience@gmail.com        |

### 3. Website Address

|  |   |
|--|---|
| Web-link of the AQAR: (Previous Academic Year)                           | <a href="http://milindscience.in/wp-content/uploads/2021/10/AQAR-2016-17.pdf">http://milindscience.in/wp-content/uploads/2021/10/AQAR-2016-17.pdf</a>                           |
| <b>4. Whether Academic Calendar prepared during the year</b>             | Yes   |
| if yes,whether it is uploaded in the institutional website:<br>Weblink : | <a href="http://milindscience.in/wp-content/uploads/2021/06/Academic-calender-2017-18.pdf">http://milindscience.in/wp-content/uploads/2021/06/Academic-calender-2017-18.pdf</a> |

### 5. Accreditation Details

| Cycle | Grade | CGPA  | Year of Accreditation | Validity    |             |
|-------|-------|-------|-----------------------|-------------|-------------|
|       |       |       |                       | Period From | Period To   |
| 1     | B+    | 78.75 | 2004                  | 03-May-2004 | 02-May-2009 |

### 6. Date of Establishment of IQAC

22-Jun-2004

### 7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture |                  |                                       |
|---|------------------|---------------------------------------|
| Item /Title of the quality initiative by IQAC                             | Date & Duration  | Number of participants/ beneficiaries |
| Taking Feedback from all Stakeholders and Analysis                        | 09-Apr-2018<br>6 | 200                                   |

|  |                  |     |
|--|------------------|-----|
| Forensic Awareness Drive   | 31-Jan-2018<br>1 | 50  |
| Participation in AISHE   | 02-Nov-2017<br>1 | 2   |
| World AIDS Day( Rally-Stop AIDS)   | 01-Dec-2017<br>1 | 100 |
| Clean and Green Campus and Plastic Free Zone   | 02-Oct-2017<br>3 | 100 |
| To Prepare/ revise Course Objectives Program Objectives, Outcome of each Course in the respective Department | 15-Jun-2017<br>1 | 11  |
| Induction Program  | 22-Jun-2017<br>1 | 250 |
| IQAC Meeting   | 06-Jul-2017<br>2 | 14  |
| Mentor- Mentee Program   | 05-Jul-2017<br>1 | 300 |
| Preparation of Yearly Academic Calendar  | 15-Jun-2017<br>1 | 11  |
| <a href="#">View File</a>  |                  |     |

**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

| Institution/Department/ Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---------------------------------|--------|----------------|-----------------------------|--------|
| Nil                             | Nil    | Nil            | 2018<br>00                  | 0      |
| No Files Uploaded !!!           |        |                |                             |        |

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities**

No

during the year?

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

Campus cleaning drive

Samata rally

International literacy day

Vruksha Dindi (Plant rally)

Wachan Prerana Din (Reading Inspiration Day)

[View File](#)

**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

| Plan of Action   | Achivements/Outcomes  |
|--|---|
| 4. To take up infrastructure development in the form of renovation construction of class rooms and beautification like construction of the college campus etc. | New furniture for libraray, benches for classroom, white marker boards installed.                                     |
| 3. Strengthening of the alumni association   | In alumni association meet finacial and academic support discussed.   |
| 2. To Strengthening of internal evaluation mechanism.  | Periodic tests conducted and students were evaluated. Slow learners identified and remedial tests organized for them. |
| 1. To organize Seminar/ Conference/Workshop  | Two days students counselling workshop organized  |

[View File](#)

**14. Whether AQAR was placed before statutory body ?**

No

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2017

|  |  |
|--|--|
| Date of Submission   | 02-Nov-2017  |
| <b>17. Does the Institution have Management Information System ?</b>                             | Yes  |
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | <p>The college has a management system that is used in the office administration to manage easy balance. The college had purchased a licensed a version of Management Information System software for the smooth and free functioning of the college routine. This includes, at the beginning of the academic year admission process starts as per government reservation policy by giving wide print publicity and through college admission prospectus. Interested and eligible students are registered in the Management Information System software and a the stipulated fee is collected. In the Admissions module students full name, date of birth, gender, previous. The the college has purchased a software CMS ( College management system), wherein Accounts, students postadmission data management, etc are managed on this platform. Educational qualification and caste category and such other relevant entries are filled and the admission fee paid receipt is issued to the student confirming his/her admission for the current academic year. After the completion of the admission process Management Information System generates the Students' list viz, caste category, and genderwise including chosen subjects for study, and such list is put on the college notice board for student's information. If some inadvertent errors are brought to the notice of the office such errors are rectified on the production of relevant documents. Management Information The system has modules for issuing Student Bonafide certificate and Pupil</p> |

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

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

The college is affiliated with Dr. Babasaheb Ambedkar Marathwada University,

Aurangabad hence the college has to follow the syllabus prescribed by the parent University. The college offers Three UG programs i.e. General B.Sc. (With a group of Three optional Subjects), BCS and Bio-technology, and one PG i.e. M.Sc. Chemistry. The college intends to use higher education as a tool to change the lives of rural students. The college conducts curricular, co-curricular, and extracurricular activities for the overall development of the students.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entrepreneurship | Skill Development |
|-------------|-----------------|-----------------------|----------|--|-------------------|
| NA          | NA              | Nil                   | 00       | NA                                       | NA                |

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course  | Programme Specialization | Dates of Introduction |
|-------------------|--------------------------|-----------------------|
| Nil               | NA                       | Nil                   |
| No file uploaded. |                          |                       |

#### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|--------------------------|---|
| Nil                              | NA                       | Nil   |

#### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

|                    | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | Nil         | Nil            |

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses       | Date of Introduction | Number of Students Enrolled |
|---------------------------|----------------------|-----------------------------|
| Environmental Science     | 16/06/2017           | 106                         |
| <a href="#">View File</a> |                      |                             |

#### 1.3.2 – Field Projects / Internships undertaken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|-------------------------|--------------------------|---|
| Nil                     | NA                       | Nil   |
| No file uploaded.       |                          |   |

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

|           |     |
|-----------|-----|
| Students  | Yes |
| Teachers  | Yes |
| Employers | Yes |
| Alumni    | Yes |
| Parents   | Yes |

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

#### Feedback Obtained

A curriculum is a developed schedule of academic activities to accomplish the objectives of teaching. The college takes feedback on the curriculum, teaching-learning process which mention the means and resources with which scholars will interact for the purpose of achieving identified educational outcomes. In this sense, the entire campus of the college becomes the curriculum, which can turn the life of the students in terms of attaining a balanced personality. Basically, the curriculum is designed by the Board of Studies of different subjects through the University and is implemented by our institution. Feedback is the best method to evaluate the progress and the quality of students in the college. Objectives: The objectives of curriculum feedback by students are as follows: 1. To give better options for better feedback. 2. To investigate the current status of syllabi for improvement. 3. To reveal potential needs through a curriculum of students and society. 4. To pursue suggestions for betterment in the curricula as per the requirement of students and society. Methodology: A questioner related to the curriculum was provided to the students to take feedback. Feedback received from all the stakeholders plays an important role in the overall development of an organization. Feedback may be motivational, inspirational or it may be critical, in any way it improves the institution when taken in correct perspectives. It is the regular practice of our institution to record structured feedbacks from all the stakeholders such as Students, Teachers, Employers, Alumni, and Parents as well. The mode of feedback collection was manual. All of the feedbacks were collected with the objectives to gather opinions, views, experiences, and suggestions in general of all the stakeholders. The stakeholders were asked to put their opinions regarding curriculum relevancy of the courses delivered by the institution, academic and administrative functioning of an institution, various scholarships, sports, library, and other facilities provided by the college. Employers of our students were asked to give their feedback regarding the general assessment of the employee. Collected feedbacks are then analyzed critically for various parameters by the IQAC members. The outcomes of the analysis are placed before the Principal and governing body members, local advisory committee members, etc. All the feedback outcomes are discussed at length in the meetings. Afterward as per the guidelines received from the Principal, the corrective measures are communicated orally to the concern. If some modifications, alterations, or infrastructure developments are needed then the same is carried out for the benefit of all the stakeholders and institutional progress.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| BSc                   | General                  | 720                       | 506                            | 506               |
| BSc                   | Computer science         | 180                       | 109                            | 109               |
| BSc                   | Biotechnology            | 90                        | 64                             | 64                |
| MSc                   | Chemistry                | 60                        | 79                             | 58                |
| PhD or DPhil          | Chemistry                | 12                        | 6                              | 6                 |

[View File](#)

## 2.2 – Catering to Student Diversity

### 2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2017 | 679   | 58  | 23  | 2   | Nil  |

## 2.3 – Teaching - Learning Process

### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 25                         | 10  | 58                                | 1                                | Nil                        | 1                               |

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

As our founder chairman, Dr. Babasaheb Ambedkar has dream education for the Last Man of the society we believe that Student is our main stakeholder in the teaching-learning and evaluation mechanism. We at Milind College of Science have very diverse student groups coming from the poorer sections of society from remote areas of the Vidarbha and Marathwada region. They don't have enough resources to stay here and take education comfortably. Hence we at Milind College of Science working hard on their needs. Mentor and mentee relationships are some of the very needed in this situation. When students arrive and get admission to the college they got a mentor for the whole time and period of degree completion. At the beginning of the academic year under the guidance of the Principal, teachers of different subjects are appointed as mentors for the freshly admitted students. Mentor and mentee relation is like a parent and ward relation. The mentor takes every care about physical and mental health as well as catering to the daily needs of the mentee and providing very solid mental support. The teacher is always called as the second parent of the pupil, hence the college follows a student's mentoring system through the Mentor-Mentee system wherein the academic and personal issues of the students are looked after. The Mentor-mentee scheme is developed to closely monitor every student's academic performance and it ensures that his/her performance improves. Under the Mentor system, the full-time teachers of the college have been engaged as mentors of 20-25 students of each class. Students of each class in the college are having a full-time teacher as their mentor. At the beginning of the academic session, the class-wise names of the mentors are displayed on the college notice board. The mentors are responsible for the academic progress and psychological wellbeing of their mentees. They are also entrusted with the task of monitoring the attendance and academic progress of the students. They also provide primary psychological counseling to those who need them and refer them for more professional counseling, if required. At the beginning of the academic session, the mentors (institute) conduct orientation programmes for the mentees, whereby they are acquainted with the institution, its goals and mission, the facilities available, and the regulations of the affiliating university. At the end of each semester and before the semester exam, an exam-oriented workshop is being organized specially for FY students by the institute to overcome the examination phobia among the students in which every faculty guide students regarding examination reforms. The mentors maintain essential details of each individual mentee for the smooth implementation of the Mentor-Mentee system. The following are the important results of feedback. 1. Syllabus should include the interdisciplinary topic. 2. Syllabus should familiarize foundational issues about employment oriented courses. 3. Syllabus should include elements that prepare students for competitive exams. 4. Language courses should include interpersonal skills training oriented modules. Feedback on teachers domain/ subject knowledge, performance in the classroom including timeliness of coverage of

|  |                             |                       |
|--|-----------------------------|-----------------------|
| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|

737

25

1:29

**2.4 – Teacher Profile and Quality****2.4.1 – Number of full time teachers appointed during the year**

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 39                          | 11                      | 28               | 14                                       | 11                       |

**2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )**

| Year of Award     | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|-------------------|---|-------------|--|
| 2017              | NA  | Nil         | NA   |
| No file uploaded. |   |             |  |

**2.5 – Evaluation Process and Reforms****2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year**

| Programme Name            | Programme Code   | Semester/ year   | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|---------------------------|------------------|------------------|--|---|
| BSc                       | General          | VI (Third year)  | 03/04/2018   | 02/07/2020  |
| BSc                       | Computer Science | VI ( Third year) | 10/04/2018   | 05/05/2018  |
| BSc                       | Biotechnology    | VI ( Third year) | 03/04/2018   | 12/05/2018  |
| MSc                       | Chemistry        | IV(Second Year)  | 18/04/2018   | 14/06/2018  |
| <a href="#">View File</a> |                  |                  |  |   |

**2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)**

The schedule for assessment is developed by each department to assess the performance of the students. Assignments, unit tests and exams are conducted regularly. The institution closely monitors the evaluation process by specifying the methodology to be followed and keeping records of the outcomes. The institution stringently follows the university instructions and stipulations and expends its full co-operation in the implementation of the reforms. Teachers are given clear instructions as to how to go about the evaluation process at different levels and it is ensured that these are followed. The question papers are set as per the university paper pattern. Teacher follow a deadline for correction of answer scripts and the scripts are returned to the students. A record of marks is obtained in both class tests and preparatory examinations are kept diligently. Internal assessment is based on performance under various criteria's such as- - Attendance criteria, - Performance in tests and examinations, - Class interaction and participation in seminars, assignments, paper presentation and creativity. A continuous internal evaluation system is followed for all students of the college. After completion of the topic teachers used to conduct the class test. Unit tests are conducted every month results of the class test and unit test are discussed with students

as well as counselling of students by the individual teacher is done. Teachers provide question bank for every paper of each subject. Question papers of previous examinations are provided to students for practice purposes. In this process, teachers guide students about how to write model answers. The solved question papers are checked by teachers and results are discussed with individual students. The efforts are made for further improvement of the student. In the classroom having a good rapport with students and informal question-answer session text placed in every classroom. As we are Science College practical in Laboratories is a very good opportunity to evaluate students understanding of the basic ideas and their development of logic and reasoning. At the time of conducting the experiments, students can get a chance to communicate personally with teachers for one-to-one interaction.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The academic calendar is provided by Dr. Babasaheb Ambedkar Marathwada University Aurangabad. College follows this academic calendar. At the beginning of the academic year in the meeting of the head of the department, the academic calendar according to different Curricular and extra-curricular activities is prepared on a departmental basis. Different events related to curricular activities such as unit tests, surprise tests, evaluation of these tests are planned in this calendar. Extracurricular activities and co-curricular activities such as annual social gathering, science exhibition, sports events, NCC events, and NSS events also planned. In the beginning of each academic year, the affiliating university (SRTMUN) provides guidelines about the academic schedule of the semester which includes the dates of commencement and end of the semester, schedule of examinations, etc. Accordingly, committee consisting of Principal and member of examination cell prepare the academic calendar well in advanced before the commencement of the semester and implement it passionately and properly. After approval of the academic calendar of institute, the respective department prepares an academic calendar of the department. It includes a schedule for unit tests, term end exam, technical events, guest lectures, parents meet, co-curricular and extra co-curricular activities of the department. Academic calendar of each department is displayed on the institution website, notice board and also circulated among the faculties and students. The institution strictly adheres to academic calendar for the conduct of CIE. Unit tests, class tests, quarterly tests half yearly and pre-final exams are conducted as per the schedule. Finally the internal assessment is carried out for ten marks. These evaluations make the students improve themselves before the final exams. The record of a continuous assessment is maintained by the subject teacher and performance of students is evaluated at the end of a semester. A periodic review of the progress of the syllabus is taken and extra hours are added in time table (if required) to meet the academic deadlines. The institution faces some problems in following the academic calendar due to change in examination dates, change in vacation dates, etc by parent university. In such cases the committee forms a new schedule for extra lectures to cover the syllabus in due course of time. Periodic audits are taken to review the syllabus coverage and related academic activities. The HODs, in turn, organize departmental meetings and initiate the required steps for syllabus completion.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://milindscience.in/wp-content/uploads/2020/11/2.6.1.pdf>

2.6.2 – Pass percentage of students

| Programme Code            | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|---------------------------|----------------|--------------------------|---|---|-----------------|
| Nil                       | BSc            | General                  | 164   | 47  | 28.65           |
| Nil                       | BSc            | Computer Science         | 36  | 7   | 19.44           |
| Nil                       | BSc            | Biotechnology            | 21  | 8   | 38.09           |
| Nil                       | MSc            | Chemistry                | 28  | 14  | 50              |
| <a href="#">View File</a> |                |                          |   |   |                 |

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

|           |
|-----------|
| <u>NA</u> |
|-----------|

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project | Duration | Name of the funding agency | Total grant sanctioned | Amount received during the year |
|-----------------------|----------|----------------------------|------------------------|---------------------------------|
| Any Other (Specify)   | 00       | Nil                        | 0                      | 0                               |
| No file uploaded.     |          |                            |                        |                                 |

### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|---------------------------|-------------------|------|
| Nil                       | NA                |      |

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|-------------------------|-----------------|-----------------|---------------|----------|
| NA                      | NA              | Nil             | Nil           | Nil      |
| No file uploaded.       |                 |                 |               |          |

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|-------------------|------|--------------|----------------------|--------------------|----------------------|
| Nil               | NA   | NA           | NA                   | NA                 | Nil                  |
| No file uploaded. |      |              |                      |                    |                      |

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 00    | 00       | 00            |

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Chemistry              | 1                       |

3.3.3 – Research Publications in the Journals notified on UGC website during the year

| Type          | Department  | Number of Publication | Average Impact Factor (if any) |
|---------------|-------------|-----------------------|--------------------------------|
| National      | Chemistry   | 4                     | 1.48                           |
| National      | Electronics | 3                     | 0                              |
| National      | Mathematics | 1                     | 0                              |
| International | Chemistry   | 15                    | Null                           |
| International | Mathematics | 2                     | 00                             |

[View File](#)

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | Number of Publication |
|------------|-----------------------|
| Chemistry  | 1                     |

[View File](#)

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper   | Name of Author   | Title of journal                         | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|--|------------------|--|---------------------|----------------|---|---|
| One pot synthesis of nitriles from aldehydes and hydroxylamine hydrochloride using calcium chloride in DMF solvent under reflux condition. | Dr.A.S.M unde    | Heterocyclic Letters                     | 2017                | 0              | Milind College Of Science, Nagsevana, Aurangabad          | 24  |
| Synthesis and in vitro Anti-inflammatory Activity of 5-Arylidene -3- [   | Dr.R.A. Waghmare | INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY | 2017                | 0              | Milind College Of Science, Nagsevana, Aurangabad          | 3   |

|  |                  |                      |      |   |   |    |
|--|------------------|----------------------|------|---|---|----|
| (2-(methylsulfonylamino)thiazol-4-yl)methyl] thiazolidine-2,4-diones   |                  |                      |      |   |   |    |
| Convenient Synthesis and In Vitro Anti-inflammatory Activity of New 2-(Methylsulphonyl amino)-4-Aryloxy Methyl thiazoles                   | Dr.R.A. Waghmare | Heterocyclic Letters | 2017 | 0 | Milind College Of Science, Nagsenvana, Aurangabad . | 1  |
| Ionic liquid mediated one pot synthesis of 3, 4-dihydropyrimidinones (dhpms), using modified biginelli reaction                            | Dr.R.A. Waghmare | Heterocyclic Letters | 2017 | 0 | Milind College Of Science, Nagsenvana, Aurangabad . | 33 |
| One pot synthesis of nitriles from aldehydes and hydroxylamine hydrochloride using calcium chloride in DMF solvent under reflux condition. | Dr.R.A. Waghmare | Heterocyclic Letters | 2017 | 0 | Milind College Of Science, Nagsenvana, Aurangabad . | 24 |
| Synthesis, Characterization,   | Dr.S.R. Annapure | Heterocyclic Letters | 2017 | 0 | Milind College Of Science, Nagsenvana,              | 17 |

|   |  |  |  |  |            |  |
|---|--|--|--|--|------------|--|
| Study of Thermal, X-Ray and Antimicrobial Novel Transition Metal Complexes of Asymmetrical Ligand |  |  |  |  | Aurangabad |  |
|---|--|--|--|--|------------|--|

[View File](#)

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper   | Name of Author   | Title of journal                         | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|--|------------------|--|---------------------|---------|---|---|
| Synthesis and in vitro Anti-inflammatory Activity of 5-Arylidene -3- [(2-(methylsulfonylamino)thiazol-4-yl)methyl] thiazolidine-2,4-diones | Dr.R.A. Waghmare | INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY | 2017                | 4       | 3   | Milind College Of Science, Nagsevana, Aurangabad          |
| Convenient Synthesis and In Vitro Anti-inflammatory Activity of New 2-(Methylsulphonyl amino)-4-Aryloxy Methyl thiazoles                   | Dr.R.A. Waghmare | Heterocyclic Letters                     | 2017                | 4       | 2   | Milind College Of Science, Nagsevana, Aurangabad          |
| Ionic liquid mediated one pot synthesis of 3, 4- dihydropyri   | Dr.R.A. Waghmare | Heterocyclic Letters                     | 2017                | 4       | 32  | Milind College Of Science, Nagsevana, Aurangabad          |

|  |                  |                      |      |     |    |  |
|--|------------------|----------------------|------|-----|----|--|
| midinones (dhpms), using modified biginelli reaction   |                  |                      |      |     |    |  |
| One pot synthesis of nitriles from aldehydes and hydroxylamine hydrochloride using calcium chloride in DMF solvent under reflux condition. | Dr.A.S.M unde    | Heterocyclic Letters | 2017 | 9   | 24 | Milind College Of Science, Nagsevana, Aurangabad . |
| One pot synthesis of nitriles from aldehydes and hydroxylamine hydrochloride using calcium chloride in DMF solvent under reflux condition. | Dr.R.A. Waghmare | Heterocyclic Letters | 2017 | 4   | 24 | Milind College of Science, Nagsevana, Aurangabad.  |
| Synthesis, Characterization, Study of Thermal, X-Ray and Antimicrobial Novel Transition Metal Complexes of Asymmetrical Ligand             | Dr.S.R. Annapure | Heterocyclic Letters | 2017 | Nil | 17 | Milind College Of Science, Nagsevana, Aurangabad . |

[View File](#)

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | Nil           | 1        | Nil   | 1     |
| Presented papers            | Nil           | 5        | Nil   | Nil   |
| <a href="#">View File</a>   |               |          |       |       |

### 3.4 – Extension Activities

#### 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities   | Organising unit/agency/ collaborating agency           | Number of teachers participated in such activities | Number of students participated in such activities |
|---------------------------|--|--|--|
| Cleaniness Drive          | NSS Dept.Dr.BAMU, Aurangabad.                          | 2  | 22   |
| Special Camp              | NSS,MCS and Maliwada Grampanchayat.                    | 5  | 50   |
| Samata Shanti Ralley      | Dr.Babasaheb Ambedkar Marthwada University,Aurangabad. | 2  | 27   |
| <a href="#">View File</a> |  |  |  |

#### 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|----------------------|-------------------|-----------------|------------------------------|
| Nil                  | NA                | NA              | Nil                          |
| No file uploaded.    |                   |                 |                              |

#### 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme        | Organising unit/Agency/collaborating agency                            | Name of the activity                               | Number of teachers participated in such activities | Number of students participated in such activities |
|---------------------------|--|--|--|--|
| Pulse Polio Drive         | PHC, Bhavsingpura  | Pulse Polio vaccination participation enhancement. | 1  | 10   |
| AIDS awarness             | Aurangabad District Civil Hospital and Dept OF NSS Dr.BAMU Aurangabad. | International AIDS Day Ralley                      | 2  | 20   |
| <a href="#">View File</a> |  |  |  |  |

### 3.5 – Collaborations

#### 3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of activity | Participant | Source of financial support | Duration |
|--------------------|-------------|-----------------------------|----------|
| Nil                | 00          | 00                          | 00       |
| No file uploaded.  |             |                             |          |

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|-------------------|----------------------|---|---------------|-------------|-------------|
| Nil               | NA                   | NA  | Nil           | Nil         | 00          |
| No file uploaded. |                      |   |               |             |             |

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation              | Date of MoU signed | Purpose/Activities   | Number of students/teachers participated under MoUs |
|---------------------------|--------------------|--|---|
| Mauli Enterprises         | 11/07/2017         | Student Entership/expert lecture/Industrial visit/engineering consultancy  | Nil   |
| SS Corporation            | 26/07/2017         | Student Internship/expert lecture/Industrial visit/engineering consultancy | Nil   |
| <a href="#">View File</a> |                    |  |   |

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|--|--|
| 3.15   | 3.15   |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities                     | Existing or Newly Added |
|--------------------------------|-------------------------|
| Others                         | Existing                |
| Classrooms with LCD facilities | Existing                |
| Seminar Halls                  | Existing                |
| Laboratories                   | Existing                |
| Class rooms                    | Existing                |
| Campus Area                    | Existing                |
| <a href="#">View File</a>      |                         |

## 4.2 – Library as a Learning Resource

### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or partially) | Version | Year of automation |
|---------------------------|---|---------|--------------------|
| Nil                       | Nil                                       | NA      | 2021               |

### 4.2.2 – Library Services

| Library Service Type      | Existing |         | Newly Added |     | Total |         |
|---------------------------|----------|---------|-------------|-----|-------|---------|
| Reference Books           | 22716    | 2719279 | Nil         | Nil | 22716 | 2719279 |
| Journals                  | 9        | 38500   | Nil         | Nil | 9     | 38500   |
| Digital Database          | 32       | 5200    | Nil         | Nil | 32    | 5200    |
| <a href="#">View File</a> |          |         |             |     |       |         |

### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| Name of the Teacher | Name of the Module | Platform on which module is developed | Date of launching e-content |
|---------------------|--------------------|---------------------------------------|-----------------------------|
| Nil                 | NA                 | NA                                    | Nil                         |
| No file uploaded.   |                    |                                       |                             |

## 4.3 – IT Infrastructure

### 4.3.1 – Technology Upgradation (overall)

| Type     | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/ GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|----------------------------------|--------|
| Existing | 51              | 3            | 1        | 1                | 0                | 11     | 38          | 100                              | 2      |
| Added    | 0               | 0            | 0        | 0                | 0                | 0      | 0           | 0                                | 0      |
| Total    | 51              | 3            | 1        | 1                | 0                | 11     | 38          | 100                              | 2      |

### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

|                |
|----------------|
| 100 MBPS/ GBPS |
|----------------|

### 4.3.3 – Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
|--|--|
| Nil  | Nil  |

## 4.4 – Maintenance of Campus Infrastructure

### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
|--|--|--|--|

12.93

12.93

29.32

29.32

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college has a special procedure and policies regarding academic and physical maintenance. The academic facilities are maintained by appointed staff. There are 6 Lab assistants, 16 Lab attendants, and 7 peons. The physical facilities i.e. campus, classrooms, Library are maintained by appointed sweepers and 03 Security guards. To ensure the safety of the students, especially the women students who constitute about 65 of the student strength, Close circuit television (CCTV) cameras are fixed at vantage points and the monitoring is done at the Principal's room. The laboratories of science are well maintained with good equipment for undergraduate and research scholars. The consumable and non consumable items for laboratories are purchased by individual departments with the help of the purchase committee after getting comparative statements of quotations from competitive suppliers. The items purchased are entered itemize in the respective stock registers of the departments and these are routinely checked by verification officers appointed by the Principal. At the end of academic year items from the laboratories which are unserviceable or condemned are auctioned off and the amount is credited to the college account. The Library of the college has textbooks and journals and also suitable furniture for students to do their reference and reading works. The Library is also in possession of some very old, rare books and manuscripts as Dr. B.R.Ambedkar's Delhi collection of books. The general Library maintains a register of each visitor, staff, or student. The annual purchase of books and journals is done with the input given by the various departments. Some of the books are also turned to the respective departments and a department Library is maintained, where staff in charge helps with safekeeping and issue of the books to students. All the students whose subject is not computer science or computer application have to study basic computer software and internet application for a year. This computer Literacy program envisioned by the government helps the students to enhance their computer knowledge and skills. At the end of the study, they have an examination and on successful completion of which, the students are given a government recognized certificate. As computers and related electronic equipment's age, government procedures are followed for the safe disposal of e-waste. The college always works for the maintenance by defining several policies with the following steps

- a. Registration of complaint: The oral complaint is conveyed to Hon. Principal regarding demands, repair, and maintenance of the gadgets, apparatus, instruments, and computers of the concerned department. The technician is called personally by the Office of the Principal as per work.
- b. Visit of technician: As the technician is called on the need basis, by Office of principal.
- ii. Lab completion report: It is maintained centrally for all the departments by the Office of Principal.
- c. Billing and payment details: For any purchase of goods, as per demand the payment is done by the Office.

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

|                                    | Name/Title of the scheme | Number of students | Amount in Rupees |
|------------------------------------|--------------------------|--------------------|------------------|
| Financial Support from institution | 00                       | 0                  | 0                |
| Financial Support                  |                          |                    |                  |

|                           |  |     |         |
|---------------------------|--|-----|---------|
| from Other Sources        |  |     |         |
| a) National               | GOI (Granted) SC<br>GOI (freeship) SC<br>GOI (Non Granted):<br>BCS : Biotech :<br>M.SC | 494 | 2058885 |
| b) International          | 00   | Nil | 0       |
| <a href="#">View File</a> |  |     |         |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agencies involved         |
|---|------------------------|-----------------------------|---------------------------|
| Personal counseling and mentoring         | 08/01/2018             | 50                          | Milind college of science |
| <a href="#">View File</a>                 |                        |                             |                           |

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year                      | Name of the scheme                        | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|---------------------------|---|--|--|--|---------------------------|
| 2018                      | Life long learning and extension activity | 50   | 50   | Nil  | Nil                       |
| <a href="#">View File</a> |   |  |  |  |                           |

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| 2                         | 2                              | 5   |

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus                     |                                 |                           | Off campus                    |                                 |                           |
|-------------------------------|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| 00                            | Nil                             | Nil                       | 00                            | Nil                             | Nil                       |
| No file uploaded.             |                                 |                           |                               |                                 |                           |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of students enrolling into higher education | Programme graduated from | Department graduated from | Name of institution joined | Name of programme admitted to |
|------|--|--------------------------|---------------------------|----------------------------|-------------------------------|
|------|--|--------------------------|---------------------------|----------------------------|-------------------------------|

|      |    |                           |       |   |              |
|------|----|---------------------------|-------|---|--------------|
| 2017 | 12 | Milind College of Science | B.SC. | Dr.Babasaheb Ambedkar Marathwada University, Aurangabad | M.Sc. M.B.A. |
| 2017 | 6  | Milind College Of Science | B.Sc. | Milind College Of Science                               | M Sc         |

[View File](#)

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items | Number of students selected/ qualifying |
|-------|---|
| SET   | 1                                       |
| GATE  | 2                                       |

[View File](#)

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity                 | Level         | Number of Participants |
|--------------------------|---------------|------------------------|
| Rangoli Competition      | Intra College | 22                     |
| Annual sports Volleyball | Intra College | 44                     |
| Annual sports Cricket    | Intra College | 48                     |
| Annual sports Hockey     | Intra College | 60                     |
| fun Fair                 | Intra College | 62                     |
| Annual sports Athletics  | Intra College | 40                     |
| Dance Competition        | Intra College | 12                     |

[View File](#)

### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

| Year | Name of the award/medal | National/ Internaional | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2017 | 00                      | National               | Null                        | Null                          | 00                | 00                  |

No file uploaded.

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Students have a valuable contribution to make to the effectiveness of their college and their involvement in the operation of the college is itself a valuable part of the education process for the students. A Student Council provides an opportunity for students to engage in a structured partnership with teachers, parents, and college managers in the operation of their institutions. Research indicates that Student Councils can improve academic standards and reduce dropout rates in the colleges. Student Councils Creates a sense of ownership of the college and its activities among the student population. The establishment of a Student Council gives students an opportunity to acquire the

sort of communication, planning, and organizational skills which will be of benefit to them in their future lives. It enables students to take responsibility for projects and to demonstrate that they can manage and bring such projects to a successful conclusion like during the science exhibition organized in the college the student Council shoulders the total responsibility of arrangement of all the experiments that are to be displayed to all the students in a very responsible and disciplined manner. Moreover, the contribution made by a Student Council to the development of college policy in a number of areas can have significant benefits for students and the institutions. Education policies are far more likely to be successful where they are clearly understood and accepted by all partners within the learning community. The Education Act recognizes that students of a college will take the lead role in the establishment and operation of a Student Council, although the Act also provides an important role for the Board of Management in supporting the establishment and ongoing development of the Student Council. At the end of the day, a Student Council will thrive only if students themselves are committed to the concept and to making it work. Once a Student Council has been set up the Board of Management should give active support to it. This could involve designating a professor in the college and/or a parent to involve with the Council on an ongoing basis, as well as assisting the Council in drawing up a constitution and in planning and organizing its activities.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

230

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

02

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The College Local Management Committee works in Coordination with management through Teaching and Non-Teaching members of the college. The Principal who is the academic and administrative head of the college supervises all the activities of the college and ensures the maintenance of the academic discipline of the institution. He is assisted by the college council which consists of all the heads of departments, Principal, along with faculty members decides about the calendar of events, subject distributions, course plan, lesson plan schedules, curricular, co-curricular, and extracurricular activities. HODs are accountable for the smooth functioning and completion of the syllabus, internal assessment, students seminar, university examinations, and all other regular academic activities. Departmental heads also delegate work to their colleague to ensure smooth completion of work in the expected time frame. For the smooth function of the institution, several committees have been formed and the committee members are authorized to take suitable action. The college encourages participative management practices by constituting

various committees like admission committee, discipline committee, IQAC committee, anti-ragging cell, timetable framing committee, etc. the participative management approach helps the college in planning and implanting the various activities of the institution.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type  | Details  |
|--|--|
| Industry Interaction / Collaboration                       | The College encourages faculty to practice collaborative activities with other institute. • Industry interacting is integrated for all courses. • The employment cell of the college has maintained a Cordial and Professional relation with the industries. • The employment cell collects Resume of the appropriate students and communicates both ways.   |
| Library, ICT and Physical Infrastructure / Instrumentation | The central library specialty reading room for college students some departments maintain individual departmental library each department is supported by at least one computer and high speed internet connection.  |
| Examination and Evaluation                                 | The Examination and Evaluation frames under the Dr. Babasaheb Ambedkar Marathwada University. The college, in Addition takes Semester wise test of concern subject and concern subject teacher evaluate them.  |
| Curriculum Development                                     | Curriculum Development comes under Dr, Babasaheb Ambedkar Marathwada university, Jurisdictions college Administration frame syllabus feedback committee in the beginning of academic year, where in the committee design special format for students and teachers. In addition to this some college faculty members have been contributing in the design and development of the curriculum at university level, in the capacity as member of board of studies of various subjects. |
| Teaching and Learning                                      | The college follows Teaching and learning process as per the guidance, rules and regulation directed by the Government of Maharashtra and By Dr. Babasaheb Ambedkar Marathwada University. At college level, The Principal, Through IQAC Plans various activities related to the Teaching and  |

|                           |   |
|---------------------------|---|
|                           | Learning process in the beginning of each academic year.  |
| Research and Development  | The college has available Chemistry research facility laboratory  |
| Human Resource Management | Adequate human resource has been managed during specific periods and in specific fields such as Admission Process in the month of June July and also University Examination at the end of each Semester. • Teaching Faculties regularly engage themselves in Orientation Programs and Refresher Courses. Non-Teaching Staff also takes part in their training programs. Visiting Libraries and study tour are the regular features of the Human Research Management of the College. |
| Admission of Students     | Admission and Counseling committees has been constituent in the beginning of the year which counsel to students about suitable course and subject according students interest also admission are given as per the university and state Government guide lines.  |

#### 6.2.2 – Implementation of e-governance in areas of operations:

| E-governance area             | Details   |
|-------------------------------|---|
| Planning and Development      | Planning of Department, the committee are been communicated according to IQAC guidelines  |
| Administration                | Notification and correspondence are been made by Institutional.                           |
| Finance and Accounts          | Finance and Account is maintained with a platform of CMS (College Management System)      |
| Student Admission and Support | Students Post admission process is maintained Through the platforms of CMS.               |
| Examination                   | Examination Governance is run by the Affiliation University by its own governance system. |

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year              | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|-------------------|-----------------|--|--|-------------------|
| 2017              | Nil             | Nil  | Nil  | Nil               |
| No file uploaded. |                 |  |  |                   |

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year              | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|-------------------|--|---|-----------|---------|---|---|
| 2017              | Na   | NA  | Nil       | Nil     | Nil                                     | Nil   |
| No file uploaded. |  |   |           |         |   |   |

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration |
|---|---------------------------------|-----------|---------|----------|
| Nil   | Nil                             | Nil       | Nil     | 00       |
| No file uploaded.                               |                                 |           |         |          |

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

| Teaching  |           | Non-teaching |           |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent    | Full Time |
| Nil       | Nil       | Nil          | Nil       |

6.3.5 – Welfare schemes for

| Teaching  | Non-teaching  | Students  |
|---|---|---|
| Credit Cooperative Society is made available for the staff to meet their financial needs<br>Group Life Insurance (GLI) is available for the staff • Advance Payment against the salary • Assistance to Avail Loan • Staff Annual Gathering Celebration. • Uniform for Technical Staff • Co-operative Society. | Credit Cooperative Society is made available for the staff to meet their financial needs<br>Group Life Insurance (GLI) is available for the staff • Advance Payment against the salary • Assistance to Avail Loan • Staff Annual Gathering Celebration. • Uniform for Technical Staff • Co-operative Society. | Students AID Fund and PDF Principal Discreetly Fund. • Computer with internet access on freeship • Admission fees in Installments. • Book Bank Scheme for Students. • Medical Checkup Facility. |

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes, College conducts internal audit by Chartered accountant and external audit by Higher education department Government of Maharashtra regularly.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose |
|--|-------------------------------|---------|
|--|-------------------------------|---------|

|                   |   |     |
|-------------------|---|-----|
| Nil               | 0 | Nil |
| No file uploaded. |   |     |

6.4.3 – Total corpus fund generated

|    |
|----|
| 00 |
|----|

**6.5 – Internal Quality Assurance System**

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

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

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

• The College has innovatively introduced the concept of a Parent-Teacher Association to discuss the issues of the students as:

- Attendance of the students.
- Discipline in the Campus
- Dress Code
- Academic Results
- Facilities available in the Campus
- Co-curricular and Extra-Curricular activities.

6.5.3 – Development programmes for support staff (at least three)

Promotion placement at higher scale done regularly as per the requirement 2) Appraisal to faculty and staff in terms of appreciation certificates and mementos 3) Encourage faculty and staff for attending various RC/OP/Workshops /STTP 4) Problems in the handling the office automation software, computer programs are solved locally and communicated to each working staff in the office, laboratories, etc.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1) Tree plantation campaign will be implemented 2) Drip irrigation for the organic farming 3) collaborative linkages with industries and research institutes.

6.5.5 – Internal Quality Assurance System Details

|  |     |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF               | No  |
| c) ISO certification                   | No  |
| d) NBA or any other quality audit      | No  |

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC      | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|---|-------------------------|---------------|-------------|------------------------|
| 2017 | Preparation of Yearly academic calendar | 15/06/2017              | 15/06/2017    | 15/06/2017  | 11                     |
| 2017 | Mentor-Mentee program                   | 05/07/2017              | 05/07/2017    | 05/07/2017  | 300                    |
| 2017 | IQAC                                    | 06/07/2017              | 06/07/2017    | 25/04/2018  | 14                     |

|                           | Meeting   |            |            |            |     |
|---------------------------|---|------------|------------|------------|-----|
| 2017                      | Induction Program   | 22/06/2017 | 22/06/2017 | 22/06/2017 | 250 |
| 2017                      | To prepare /Revise Course Objectives, PO, Outcome of each course in the respective department | 15/06/2017 | 15/06/2017 | 15/06/2017 | 11  |
| 2017                      | Clean and Green Campus and Plastic Free Zone  | 02/10/2017 | 02/10/2017 | 02/10/2017 | 100 |
| 2017                      | World AIDS Day( Rally-Stop AIDS)  | 01/12/2017 | 01/12/2017 | 01/12/2017 | 100 |
| 2017                      | International Yoga Day  | 21/06/2017 | 21/06/2017 | 21/06/2017 | 100 |
| 2017                      | Participation in AISHE  | 02/11/2017 | 02/11/2017 | 02/11/2017 | 2   |
| 2018                      | Taking feedback From All stakeholders and Analysis  | 09/04/2018 | 09/04/2018 | 15/04/2018 | 200 |
| <a href="#">View File</a> |   |            |            |            |     |

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme                                     | Period from | Period To  | Number of Participants |      |
|--|-------------|------------|------------------------|------|
|  |             |            | Female                 | Male |
| Classwise awareness and orientation B.Sc. I                | 08/08/2017  | 08/08/2017 | 42                     | 33   |
| Classwise awareness and orientation B.Sc.(Biotech)I to III | 09/08/2017  | 09/08/2017 | 18                     | 9    |
| Classwise awareness and orientation M.Sc. I& II Year       | 10/08/2017  | 10/08/2017 | 12                     | 9    |

|  |            |            |    |    |
|--|------------|------------|----|----|
| Classwise awareness and orientation B.C.S.I to III | 11/08/2017 | 11/08/2017 | 18 | 12 |
| self Defence techniques workshop                   | 24/08/2017 | 24/08/2017 | 60 | 20 |
| Yuva Day celebration                               | 12/01/2018 | 12/01/2018 | 40 | 16 |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

|   |
|---|
| Percentage of power requirement of the University met by the renewable energy sources |
| Nil   |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities         | Yes/No | Number of beneficiaries |
|-------------------------|--------|-------------------------|
| Ramp/Rails              | Yes    | 3                       |
| Rest Rooms              | Yes    | 5                       |
| Scribes for examination | Yes    | 2                       |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date       | Duration | Name of initiative                | Issues addressed   | Number of participating students and staff |
|------|--|--|------------|----------|-----------------------------------|--|--|
| 2017 | 1  | 1  | 16/08/2017 | 15       | Swachata Pandharwada              | Awareness about cleanness and responsibility and contribution towards it | 70   |
| 2017 | 1  | 1  | 01/07/2017 | 01       | Vanmahastav week Plantation drive | Deforestation  | 75   |
| 2018 | 1  | 1  | 14/01/2018 | 1        | Open Day                          | Introduction and used of instruments for research                        | 75   |

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|-------|---------------------|--------------------------|
|-------|---------------------|--------------------------|

|   |            |  |
|---|------------|--|
| Code of conduct for Principal, teachers and supporting Staff      | 15/06/2017 | With the aims and objectives of raising the competency in teaching and quality of education, to prohibit immoral tendencies, and to increase social commitment , the code of conduct has been formulated by Milind College of Science, Aurangabad for its employees. The code of conduct (Aachar Sahinta) prescribes rules and regulations for the Principal, Teachers and Administrative staffs regarding the way they should behave in the college, in the society. The code of conduct focuses on social and moral values and enhances the image of the teacher and the college in general. |
| Discipline and code of conduct for students and Hostel guidelines | 15/06/2017 | The code of conduct has been formulated by the college for the students in order to create the sense of discipline, to raise the consciousness among the students regarding the image and reputation of the college. The code of conduct and hostel guidelines have been formulated in such a way to curtail ragging and aggressive behavior of students.  |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity                                       | Duration From | Duration To | Number of participants |
|--|---------------|-------------|------------------------|
| Mahatma Gandhi and Lal Bahadur Shastri Jayanti | 02/10/2017    | 02/10/2017  | 14                     |
| Savitribai phule Jayanti                       | 03/01/2018    | 03/01/2018  | 10                     |
| Dr. Babasaheb Ambedkar Jayanti                 | 14/04/2018    | 14/04/2018  | 20                     |
| <a href="#">View File</a>                      |               |             |                        |

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

save paper drive is organized on the campus.

save electricity drive is organized in the campus

Tree plantation done in the campus to make environment oxygen rich

Groundwater on recharge system

Consistent use of composite pit (Zero waste campus) Groundwater

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

1. Meritorious students of various examinations are felicitated with a sponsored cash prize in the Annual Social gathering. Our college is encouraging meritorious students by instituting a cash award for excelling in the university examination. These awards are based on the aggregate score in the academic year 2015-2016. Students were awarded prizes for meritorious performance in academic, sports, and extracurricular activities during Annual prize distribution in Social Gathering of the college. The 13(thirteen) cash prizes were distributed to the meritorious students.

2. Organic farming on the college campus Our college has the largest green land in Aurangabad city. The lush green college campus is not only popular with students who came here to study but is also a popular destination for nature lovers. The faculty members and students of the college are dedicating time to greener premises and sustainable consumption. The college management decided to start an organic farming project on the campus. Organic farming is a method of crop and livestock production that involves much more than choosing not to use pesticides, fertilizers, genetically modified organisms, antibiotics, and growth hormones. The academic hubs are making an effort to convert barren land on their premises into patches where organic farming is being practiced as well as encouraging students to take part in the activity. Faculties and students of the college, whether in a group or individually dedicate five to six hours of the week to farming. The college has 3 acres of land which is used for organic farming activity. This activity to be an escape from regular college life. There is no compulsion to do work on the farm for students and faculties. A person can dedicate whatever time possible for him or her. The students are being taught how to grow their own food as well as live in less polluting environment organic vegetables will also help improve their health and reward the body with a better immune system in the long run. The following crops are grown on the farm: Maize, Groundnut, chili, Mango, Amala, Guava, Pomegranate, Fenugreek, Tomato, Brinjal, Drumstick. Hence we have successfully practiced this activity on the college campus, where we have successfully converted barren land into a food-producing zone.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://milindscience.in/wp-content/uploads/2020/11/Best-practices.pdf>

## 7.3 – Institutional Distinctiveness

### 7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Provide Hostel facilities for financially weak students on the verge of drop out: Spread Education up to Last.: The vision, mission, and quality policy of the institutions aim to cater to the educational needs of the communities deprived of education for thousands of years and to provide quality education to the students to make them globally competitive. The vision emphasizes the strong will to spread knowledge up to the last. In the pursuit to meet its vision and in the view of government policies, the institute and the management

council have taken efforts to become Provide hostel facilities for financially weak students at the risk of drop out. Milind College of Science, Aurangabad was founded seventy-five years ago, in 1950. The college was founded with the aim to provide the educational needs for the communities deprived of education for thousands of years. We strongly believe that no student should face challenges in pursuing his/her education due to financial constraints. Sticking to the vision, the college has provided various opportunities for students from poor backgrounds from the establishment of the college. Most of the students of our college came from rural areas of Vidarbha and Marathwada. Generally, all these students form a financially weaker family. Still, in recent years, students were at the risk of dropout due to the rise in fees, and high hostel fees in Aurangabad. Thus, it has increased the financial burden on parents of students to send them for further study in higher education in Aurangabad. Therefore to minimize the financial burden of the students, the management of the college has provided the Hostel facility to the Boys and Girls students from economically backward classes. 'Ajantha' Boys hostel and and 'Pradnya' Girls hostel provides a healthy environment for boys and girls students coming from all categories. Hostels are well equipped well furnished with advanced facilities like solar water heater as well as cold water for 24 hrs. The college charges a meager amount as a hostel fee, students may pay fees in installments. The college bears all the expenses of hostels. Thus, the institution has tried best to provide education to needy students without any kind of obstacles due to economic problems.

Provide the weblink of the institution

<http://milindscience.in/wp-content/uploads/2020/11/Institutional-Distinctiveness.pdf>

#### **8.Future Plans of Actions for Next Academic Year**

1. To organize a Seminar/ Conference/ Workshop. 2. To Strengthening of internal evaluation mechanism. 3. Strengthening of Alumni Association. 4. To take up infrastructure development