



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

|   |  |                                |
|---|--|--------------------------------|
| <b>1. Name of the Institution</b>             |  | MODERN INSTITUTE OF TECHNOLOGY |
| Name of the head of the Institution           |  | Mr. Ravi Juyal                 |
| Designation                                   |  | Director                       |
| Does the Institution function from own campus |  | Yes                            |
| Phone no/Alternate Phone no.                  |  | 01352435220                    |
| Mobile no.                                    |  | 9897010187                     |
| Registered Email                              |  | mitrishikesh@gmail.com         |
| Alternate Email                               |  | rjwalpa@hotmail.com            |
| Address                                       |  | Dhalwala, Rishikesh            |
| City/Town                                     |  | Rishikesh                      |
| State/UT                                      |  | Uttarakhand                    |
| Pincode                                       |  | 249201                         |
| <b>2. Institutional Status</b>                |  |                                |

|  |                        |
|--|------------------------|
| Affiliated / Constituent               | Affiliated             |
| Type of Institution                    | Co-education           |
| Location                               | Urban                  |
| Financial Status                       | Self financed          |
| Name of the IQAC co-ordinator/Director | Dr. Jyoti Juyal        |
| Phone no/Alternate Phone no.           | 01352439060            |
| Mobile no.                             | 9760352935             |
| Registered Email                       | mitrishikesh@gmail.com |
| Alternate Email                        | jyoti75juyal@gmail.com |

### 3. Website Address

|  |   |
|--|---|
| Web-link of the AQAR: (Previous Academic Year)                           | <a href="https://mitrishikesh.com/ONLINEAQARSUBMITTED2018-19.pdf">https://mitrishikesh.com/ONLINEAQARSUBMITTED2018-19.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="https://mitrishikesh.com/ACADEMIC%20CALENDAR%202019-20.pdf">https://mitrishikesh.com/ACADEMIC%20CALENDAR%202019-20.pdf</a> |

### 5. Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity    |             |
|-------|-------|------|-----------------------|-------------|-------------|
|       |       |      |                       | Period From | Period To   |
| 1     | B++   | 2.82 | 2016                  | 05-Nov-2016 | 04-Nov-2021 |

### 6. Date of Establishment of IQAC

08-Feb-2010

### 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 |
| A seminar on IPR Awareness was jointly organized by MIT,                  | 20-Dec-2019<br>1 | 100                                   |

|  |                  |     |
|--|------------------|-----|
| Rishikesh and PLMS Govt. PG College Rishikesh sponsored by UCOST   |                  |     |
| organized International Webinar on Post Covid-19 Educational Scenario: Prospects and Challenges                                | 06-Jun-2020<br>1 | 880 |
| Organized National Webinar on Online Learning: During and After Pandemic Covid 19  | 17-May-2020<br>1 | 289 |
| A Workshop on Financial Empowerment on Financial Education was organised   | 15-Feb-2020<br>1 | 60  |
| Signing of MOU with PLMS(PG) College, Rishikesh to collaborate in students, faculty exchange program, laboratory and Research. | 18-Nov-2019<br>1 | 100 |
| <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 |
|--|--------|----------------|-----------------------------|--------|
| <b>No Data Entered/Not Applicable!!!</b> |        |                |                             |        |
| <b>No Files Uploaded !!!</b>             |        |                |                             |        |

|  |                           |
|--|---------------------------|
| <b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>   | Yes                       |
| Upload latest notification of formation of IQAC  | <a href="#">View File</a> |
| <b>10. Number of IQAC meetings held during the year :</b>  | 4                         |
| 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  | <a href="#">View File</a> |
| <b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b> | No                        |
| <b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>                    |                           |

Preparation of Action Plan based on NAAC Score Reports (2016).

Signing of MOU with PLMS(PG) College, Rishikesh to collaborate in students, faculty exchange program, laboratory and Research.

Organisation of International Webinar on "Post Covid-19 Educational Scenario: Prospects and Challenges" in collaboration with HNBGU (A Central University) Srinagar, Garhwal under the Scheme of PMMMNMTT on 06th June, 2020.

Organisation of various Online Awareness Programmes, quiz programmes, and online competitions for the students during COVID pandemic lockdown.

Organisation of Online classes and internal examinations to complete the syllabus of all the streams with latest technologies like Google Classroom, Google Meet, Zoom, Google form etc.

[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   | Achievements/Outcomes  |
|--|--|
| Extension Activities to be organized   | • The NISHTHA Programme for In-Service Teacher's Training was organised from 09-12-19 to 13-12-19 under the aegis of SCERT and DIET.   |
| Extension Activities to be organized   | • The Institute has interacted with the community by linking with various NGOs working in its vicinity. GOONJ ,Rishikesh was invited to the campus of MIT and the students were asked to donate old clothes, toys, books and other usable items to be distributed to the poor and needy. |
| Extension Activities to be organized   | • Community cleanliness programs were organized under the aegis of IQAC by different Departments.  |
| Strengthening of Research environment, innovation and industry-academia linkages | • A Workshop on "Financial Empowerment on Financial Education and Investment Awareness" sponsored by Association of Mutual Funds in India (AFMI) was organized on 15th February, 2020.   |
| Strengthening of Research environment, innovation and industry-academia linkages | • The Institute organized International Webinar on "Post Covid-19 Educational Scenario: Prospects and Challenges" in collaboration with HNBGU (A Central University) Srinagar, Garhwal under the Scheme of PMMMNMTT on 06th June, 2020.  |
| Strengthening of Research environment, innovation and industry-academia          | • Organized National Webinar on "Online Learning: During and After Pandemic  |

|  |  |
|--|--|
| linkages   | Covid 19" on 17th May, 2020.   |
| Strengthening of Research environment, innovation and industry-academia linkages | • A seminar on "IPR Awareness" was jointly organized by MIT, Rishikesh and PLMS Govt. PG College Rishikesh sponsored by UCOST on 20th December, 2019.  |
| Strengthening of Research environment, innovation and industry-academia linkages | The Institute decided to link with Industries and Academic Institutes for strengthening the Research Practices. In continuation to the above point, MIT signed an MOU with PLMS(PG) College, Rishikesh, SDSU campus on 18th December, 2019 to collaborate in students, Faculty exchange program, laboratory and Research activities. |
| Strengthening the Infrastructural resources.                                     | • Incubation Centre for commercial Mushroom Production has been established in the Institute.  |
| Strengthening the Infrastructural resources.                                     | • New class, furniture, books, laboratory and library has been arranged for the B.Sc.(PCM) Course.   |
| <a href="#">View File</a>  |  |

|  |     |
|--|-----|
| <b>14. Whether AQAR was placed before statutory body ?</b> | Yes |
|--|-----|

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
| Management Committee   | 06-Oct-2020  |

|  |    |
|--|----|
| <b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b> | No |
|--|----|

|   |     |
|---|-----|
| <b>16. Whether institutional data submitted to AISHE:</b> | Yes |
|---|-----|

|                    |      |
|--------------------|------|
| Year of Submission | 2020 |
|--------------------|------|

|                    |             |
|--------------------|-------------|
| Date of Submission | 14-Mar-2020 |
|--------------------|-------------|

|  |     |
|--|-----|
| <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) | MIS Institute Manager Modules: Student Management Fee Management Reports Analysis User Backup/ Restore Library Information Retrieval System |
|--|---|

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

In the starting of each academic session the IQAC members and the Head of Institution as well as the Department Heads conducts IQAC meeting to finalize the Academic Calendar in alignment with the University Schedule. The Institution strictly follows the curriculum imposed by the University. The Department Heads distribute the Curriculum among the faculty members. The faculty members use student centric methods to teach the concerned subjects. Apart from traditional chalk and talk method, the new techniques like ICT are extensively used to teach the students. The co-curricular activities like seminars, workshops, project works, assignments, field trips, group discussions are also embedded to provide deep knowledge of the subjects to 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 |
|---|-----------------|-----------------------|----------|--|-------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                 |                       |          |  |                   |

### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course          | Programme Specialization        | Dates of Introduction |
|---------------------------|---------------------------------|-----------------------|
| BSc                       | Physics, Chemistry, Mathematics | 02/07/2019            |
| <a href="#">View File</a> |                                 |                       |

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 |
|---|--------------------------|---|
| <b>No Data Entered/Not Applicable !!!</b> |                          |   |

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

|   | Certificate | Diploma Course |
|---|-------------|----------------|
| <b>No Data Entered/Not Applicable !!!</b> |             |                |

### 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 |
|---|----------------------|-----------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                      |                             |
| No file uploaded.                         |                      |                             |

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization    | No. of students enrolled for Field Projects / Internships |
|-------------------------|-----------------------------|---|
| MSc                     | Biotechnology(Dissertation) | 1   |

|                           |                             |    |
|---------------------------|-----------------------------|----|
| MSc                       | Microbiology(Dissertation ) | 7  |
| BEd                       | Pre-Internship              | 91 |
| BEd                       | Internship Teaching         | 92 |
| MEd                       | Internship                  | 4  |
| MEd                       | Dissertation                | 4  |
| <a href="#">View File</a> |                             |    |

## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

|           |     |
|-----------|-----|
| Students  | Yes |
| Teachers  | Yes |
| Employers | Nil |
| 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  |
| <p>Feedbacks from Students, teachers, alumni and parents were collected and analyzed for most common suggestions and use them for overall development of the Institution. Student's feedback demanded increased library hours for their self study therefore Library timing is extended for self-study of student. The B.Sc. PCM course was introduced in the Institute on the suggestions given by Parents and teachers. Overall alumni have suggested that the institute should focus on improving job placement, communication skills and personality development of students. For that, regular classes for personality development and enhancing communication skill were being carried out throughout the year. Different workshops and seminars are arranged in Institute. Necessary help was given to interested students to carry out internships in Industries. Some of the Parents suggested that students must be involved in the job oriented training projects hence Institute initiated Incubation centers for mushroom farming an vermin-composting and encouraged students to start their own startup for above activities.</p> |

## 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 |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| MSc                   | Biotechnolgy             | 25                        | 14                             | 7                 |
| BSc                   | Maths Group              | 60                        | 8                              | 4                 |
| BSc                   | Bio Group                | 60                        | 21                             | 15                |
| MSc                   | IT                       | 40                        | 5                              | 5                 |
| BSc                   | CS                       | 80                        | Nil                            | Nil               |
| BCA                   | Nil                      | 60                        | 30                             | 30                |
| BSc                   | IT                       | 60                        | 30                             | 30                |

|                           |                      |    |    |    |
|---------------------------|----------------------|----|----|----|
| BCom                      | Honors (Accounts)    | 60 | 10 | 10 |
| BCom                      | Accounts             | 60 | 18 | 18 |
| BBA                       | Marketing/Finance/HR | 60 | 9  | 9  |
| <a href="#">View File</a> |                      |    |    |    |

## 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 |
|------|---|---|---|---|--|
| 2019 | 364   | 59  | 26  | 16  | 30   |

## 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 |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 42                         | 42  | 146                               | 9                                | 9                          | 6                               |

[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)

Each Department has given the responsibility of 10-15 students to a particular faculty member. The mentor regularly interacts with the students and monitors their academic performance and attendance. Students are counseled by the mentors, class advisors, subject faculties and HOD for improving their academic performance and attendance.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 932  | 58                          | 16                    |

## 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                          | 30                      | 9                | 5  | 13                       |

### 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 |
|---------------|---|---------------------|--|
| 2019          | Dr. L.M. Joshi  | Associate Professor | Astrology  |



|                           |                        |                     |  |
|---------------------------|------------------------|---------------------|--|
| 2020                      | DR. SUNEEL KUMAR SINGH | Associate Professor | AWARD FOR EXCELLENCE IN TEACHING AND RESEARCH [By - DNALabs, Dehradun] |
| <a href="#">View File</a> |                        |                     |  |

## 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 |
|---------------------------|----------------|----------------|--|---|
| BEd                       | 106            | 3              | 06/10/2020   | 16/10/2020  |
| <a href="#">View File</a> |                |                |  |   |

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

Internal evaluation of students are performed by conducting routine unit test, assignments and presentation as per the guidelines issued by university

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

The Institution effectively follows academic schedule provided by the University. Academic calendar of University mainly explains admission, examinations dates and holidays. The Institution follows admission schedule according to University schedule, however admission process takes some extra time to fill the allocated seat available in each course. Filling of examination and enrolment forms are chronologically schedule as per University notifications. Sessional examinations are generally carried out after two months of starting of the semester. The Institutes academic calendar is usually prepared prior to commencement of new academic session after the announcement of University academic calendar.

## 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)

<https://mitrishikesh.com>

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 |
|----------------|----------------|--------------------------|---|---|-----------------|
| 341            | MSc            | Microbiology             | 11  | Nil   | 0               |
| 330            | MSc            | Chemistry                | 5   | Nil   | 0               |
| 328            | MSc            | Biotechnol<br>ogy        | 4   | Nil   | 0               |
| 140            | BSc            | Biotechnol<br>ogy        | 32  | Nil   | 0               |

|                           |     |    |    |     |   |
|---------------------------|-----|----|----|-----|---|
| 712                       | MSc | IT | 10 | Nil | 0 |
| 520                       | BSc | CS | 3  | Nil | 0 |
| 512                       | BCA | IT | 18 | Nil | 0 |
| 521                       | BSc | IT | 36 | Nil | 0 |
| <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)

<https://mitrishikesh.com/assets/images/downloads/1571815597.pdf>

## 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 |
|---|----------|----------------------------|------------------------|---------------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |          |                            |                        |                                 |
| 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       |
|---|--------------------------------|------------|
| One day workshop on Intellectual Property Right | Modern Institute of Technology | 20/12/2019 |

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 |
|---|-----------------|-----------------|---------------|----------|
| <b>No Data Entered/Not Applicable !!!</b> |                 |                 |               |          |
| 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 |
|---------------------------|---------|-------------------------------|----------------------------------|---------------------------------|----------------------|
| 01                        | Inspire | Modern Institute of Technolgy | Mushroom farming Vermicomposting | Job Oriented Training Programme | 09/11/2019           |
| <a href="#">View File</a> |         |                               |                                  |                                 |                      |

### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State                                     | National | International |
|---|----------|---------------|
| <b>No Data Entered/Not Applicable !!!</b> |          |               |

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

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

**No Data Entered/Not Applicable !!!**

**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                  | Science    | 9                     | 2.5                            |
| <a href="#">View File</a> |            |                       |                                |

**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 |
|---------------------------|-----------------------|
| Science                   | 2                     |
| <a href="#">View File</a> |                       |

**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 |
|---------------------------|----------------|------------------|---------------------|----------------|---|---|
| Null                      | Null           | Null             | 2020                | Null           | Null  | Null  |
| <a href="#">View File</a> |                |                  |                     |                |   |   |

**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 |
|--------------------|----------------|------------------|---------------------|---------|---|---|
| Null               | Null           | Null             | 2020                | Null    | Null  | Null  |
| No file uploaded.  |                |                  |                     |         |   |   |

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

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 35            | 66       | 16    | Null  |
| No file uploaded.           |               |          |       |       |

**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 |
|--|--|--|--|
| Food Fest  | Department of Education                      | 11   | 92   |
| Formation of Human Chain for Cleaning River Ganges | Department of Education                      | 6  | 65   |
| Tree Plantation Programme                          | Department of Science                        | 6  | 35   |

|                           |                         |    |    |
|---------------------------|-------------------------|----|----|
| Literacy Programme        | Department of Education | 10 | 91 |
| <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 |
|---|-------------------|-----------------|------------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                   |                 |                              |
| 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 |
|--------------------------|---|--|--|--|
| NISHTHA                  | DIET, TEHRI GARHWAL, UTTARAKHAND            | IN SERVICE TRAINING OF SCHOOLTEACHERS                    | 5  | 542  |
| PEDAGOGICAL TRANSACTIONS | AZIM PREMJI FOUNDATION                      | Play based on pedagogy of theatre as a tool in education | 3  | 12   |
| No file uploaded.        |   |  |  |  |

### 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 |
|---|-------------|-----------------------------|----------|
| <b>No Data Entered/Not Applicable !!!</b> |             |                             |          |
| 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 |
|---------------------------|----------------------|---|---------------|-------------|-------------|
| TRAINING                  | INTERNSHIP           | GGIC, RISHIKESH   | 22/08/2019    | 31/12/2019  | 5           |
| <a href="#">View File</a> |                      |   |               |             |             |

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 |
|---------------------------------|--------------------|------------------------------|---|
| PLMS Govt PG College, Rishikesh | 18/12/2019         | ?Faculty exchange/ expertise | 250   |

|  |  |
|--|--|
| (SDSU<br>Vishwavidhyalaya<br>Campus Rishikesh,<br>Uttarakhand) | extension ?Research<br>collaboration<br>?Laboratory<br>facilities ?Organiz<br>ation/Participation<br>seminars/workshops/<br>conference on<br>mutual basis Extend<br>use of library and<br>digital library/e-<br>learning lab |
| No file uploaded.  |  |

## 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 |
| 2000000  | 1961101  |

4.1.2 – Details of augmentation in infrastructure facilities during the year

|                                    |                         |
|------------------------------------|-------------------------|
| Facilities                         | Existing or Newly Added |
| No Data Entered/Not Applicable !!! |                         |
| No file uploaded.                  |                         |

### 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 patially) | Version   | Year of automation |
| Library Information Retrieval System | Partially                                | Version 2 | 2015               |

4.2.2 – Library Services

| Library Service Type | Existing |           | Newly Added |      | Total |           |
|----------------------|----------|-----------|-------------|------|-------|-----------|
|                      |          |           |             |      |       |           |
| Text Books           | 15020    | 298373484 | Nill        | Nill | 15020 | 298373484 |
| Reference Books      | 870      | 54044924  | Nill        | Nill | 870   | 54044924  |
| e-Books              | Nill     | Nill      | Nill        | Nill | Nill  | Nill      |
| Journals             | 50       | 51223     | Nill        | Nill | 50    | 51223     |
| e-Journals           | Nill     | Nill      | Nill        | Nill | Nill  | Nill      |
| CD & Video           | 12       | 2171      | Nill        | Nill | 12    | 2171      |
| Others(s pecify)     | Nill     | Nill      | Nill        | Nill | Nill  | Nill      |

[View File](#)

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 |
|---|--------------------|---------------------------------------|-----------------------------|
| <b>No Data Entered/Not Applicable !!!</b> |                    |                                       |                             |
| 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     | 109             | 2            | 1        | 2                | 2                | 2        | 6           | 5                               | 0        |
| Added        | 28              | 0            | 0        | 0                | 0                | 0        | 0           | 0                               | 0        |
| <b>Total</b> | <b>137</b>      | <b>2</b>     | <b>1</b> | <b>2</b>         | <b>2</b>         | <b>2</b> | <b>6</b>    | <b>5</b>                        | <b>0</b> |

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

|              |
|--------------|
| 8 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 |
|--|--|
| <b>No Data Entered/Not Applicable !!!</b>  |  |

#### 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 |
|--|--|--|--|
| 400000                                 | 325492   | 1600000                                | 1551350  |

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)

Institute has established policies and procedures for maintaining and utilizing Physical, Academic and support facilities. Institute has regular maintenance and periodic replacement of necessary facilities. Laboratory 1.Laboratory maintenance (chemicals and equipments) account is maintained by lab technicians and supervised regularly by lab In-charge and HOD of the concerned departments. 2.The calibration, repairing and maintenance of sophisticated lab equipments are done by the technicians of related owner enterprises. 3.The microscopes used for biological experiments are annually cleaned and maintained by the department and record of maintenance is maintained by lab In-charge. 4.Laboratory rules and regulations are prepared and displayed for students. Laboratories were regularly cleaned by non-teaching staff. Classroom 1.Classrooms furniture, electric equipments (fans and switches and light tubes) and power-point projectors were regularly inspected and repaired if minor damaged or replaced occasionally. -The college has a building

committee for maintenance and upkeep of infrastructure. 2.The cleaning and the maintenance of the classrooms are done by the non-teaching staff as per cleaning schedule which is monitored by HOD.

<https://mitrishikesh.com/assets/images/downloads/1572113280.pdf>

## 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   | Support to weaker section/ meritorious students | 66                 | 378200           |
| Financial Support from Other Sources |   |                    |                  |
| a) National                          | 0   | Nil                | 0                |
| b) International                     | 0   | Nil                | 0                |
| No file uploaded.                    |   |                    |                  |

#### 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              |
|--|------------------------|-----------------------------|--------------------------------|
| Workshop on Robotics using Arduino NANA(ATMEGA 328p) and Robotics using Arduino UNO with sensors (Proximity, IR, Moisture and Smoke) | 10/09/2019             | 45                          | Department of Computer Science |
| Workshop on improving communication skills   | 19/11/2019             | 55                          | Macmillan Publications         |
| No file uploaded.  |                        |                             |                                |

#### 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 |
|-------------------|--------------------|--|--|--|---------------------------|
| 2020              | Nil                | Nil  | Nil  | Nil  | Nil                       |
| No file uploaded. |                    |  |  |  |                           |

#### 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 |
| 12 | 12 | 10        |

## 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 |
| <b>No Data Entered/Not Applicable !!!</b> |                                 |                           |                               |                                 |                           |
| <a href="#">View File</a>                 |                                 |                           |                               |                                 |                           |

### 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 |
|---------------------------|--|--------------------------|---------------------------|----------------------------|-------------------------------|
| 2019                      | 2  | B.Sc. Biot echnology     | Science                   | MIT, Rishikesh             | M.Sc. Biot echnology          |
| 2020                      | 3  | B.Sc. IT                 | IT                        | MIT, Rishikesh             | M.Sc. IT                      |
| <a href="#">View File</a> |  |                          |                           |                            |                               |

### 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 |
|---------------------------|---|
| NET                       | 2                                       |
| Any Other                 | 16                                      |
| <a href="#">View File</a> |   |

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

| Activity          | Level           | Number of Participants |
|-------------------|-----------------|------------------------|
| MISL 16           | Institute Level | 498                    |
| No file uploaded. |                 |                        |

## 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 |
|-------------------|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2020              | Nil                     | Nil                    | Nil                         | Nil                           | Nil               | Nil                 |
| No file uploaded. |                         |                        |                             |                               |                   |                     |

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

The Institute does not have a student council. However, there exists different committees in the Institute which looks after various curricular and cocurricular aspects headed by the faculty member and in some cases have student members as well. These committees are responsible for planning and



implementation of various activities. The list of committees is given below: 1. Anti ragging committee 2. Committee against Sexual Harrassment 3. Cultural Committee 4. Research and Development 5. Grievance Redressal committee 6. Sports Committee 7. Committee for Community work.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

677

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

12150

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet

### 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)

1. IQAC: Constituted as per NAAC guidelines, it includes representatives of parents, teaching, non teaching staff and society 2. The different committees of the Institute are examples of decentralization and participative management in action. These committees define their own plan and are completely responsible for executing them.

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   |
|------------------------|---|
| Curriculum Development | Curriculum is developed by the affiliating university. However, the Institute takes part in the curriculum development process through appropriate analysis of the feedback given by the various stake holders from time to time and assimilates the suggestions in the functional style of the Institution. The Institution represents these suggestions through various capacities to the university for appropriation of the curriculum. |
| Teaching and Learning  | The Institute has been following student centric teaching learning method since its inception. Departments organise special talks, workshops, seminars and conferences regularly. This helps not just them but also   |

exposes students to the best minds in the field. Assignments and projects are provided to students to make their learning process interesting. Faculty are encouraged to participate in faculty development programmes, seminars and conferences to keep themselves abreast with current research in their respective fields. The students are motivated for more and more use of library so that they can use referred books other than text books. Class tests and unit tests and internal examinations are conducted to evaluate the performance of students.

**Examination and Evaluation**

University is the sole authority for implementation of reforms in examination and evaluation. The faculty evaluates the level of examination question paper set by the university for the semester end exam and identifies the gaps to be made up to meet the requirement of course outcomes. The gap is made up thorough the internal assessment conducted twice during a semester. It is mandatory for all the students to sit in the internal assessment tests.

**Research and Development**

The IQAC monitors the research and development activities undertaken by the Institute. The IQAC encourages all the faculty members of the departments to publish their research papers in journals of national and international repute. The Institute is very soon going to start its own journal, MIT Journal of Science, Social Science and Educational Research. The department of science has in previous years conducted projects from DST and UCOST.

**Library, ICT and Physical Infrastructure / Instrumentation**

The Institute has fully computerized library. The library maintains separate reference/ periodical section with back volumes and current journals/dissertations etc. for ready reference. The ICT is major emphasis area for the Institution and the classrooms of all the departments utilize the provision of projectors for delivering digital content to the students. The Institute is fully WiFi connected. The Institute is equipped with Canteen, Hostel and Generator facility.

**Industry Interaction / Collaboration**

Industry Interaction remains a challenge for the Institute. Yet,

|                           |   |
|---------------------------|---|
|                           | interaction and collaboration with teacher training Institutes and schools have been established.   |
| Admission of Students     | The Institute is one of the premier Institute of the region. Several outreach programmes are conducted to inform the stakeholders about initiatives and achievements of the Institute. Social media and publicity through newspapers is utilized to reach out to the target audience. Admission committee of the Institution ensures a justified and proper admission system the college on the basis of merit. The seat capacity, admission procedure and eligibility criteria are displayed in college website and noticeboards well in advance of the date of admission. |
| Human Resource Management | The Institute has a good Human Resource Management. Proper procedure is adopted for staff recruitment and selection, training, performance appraisal and Human Resource Development. Staff outreach programmes are regularly initiated for two-way communication. The Institute sincerely works to prepare students for their higher studies. Apart from the routine academic classes the students are given exposure to sports, seminars, group discussion, guest lectures etc.  |

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

| E-governance area        | Details   |
|--------------------------|---|
| Planning and Development | Timetable and academic calendar is planned and uploaded on the website .  |
| Examination              | Examination forms are filled online and their admit card is generated online. The institution in collaboration with HNBGU and Sri Dev Suman University has adapted online transactions for all the processes like registering of students with HNBGU and Sri Dev Suman University for semester end exam, obtaining admit cards generated on HNBGU and Sri Dev Suman University website and downloading question papers for Semester End Examination. Mandated by HNBGU and Sri Dev Suman University, the institution has installed web cameras to monitor the conduct of examinations in various blocks. The results are announced online which are downloaded for analysis at the institution level. |

### 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/<br>workshop attended<br>for which financial<br>support provided | Name of the<br>professional body for<br>which membership<br>fee is provided | Amount of support |
|-------------------|-----------------|---|---|-------------------|
| 2020              | 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<br>professional<br>development<br>programme<br>organised for<br>teaching staff | Title of the<br>administrative<br>training<br>programme<br>organised for<br>non-teaching<br>staff | From date  | To Date    | Number of<br>participants<br>(Teaching<br>staff) | Number of<br>participants<br>(non-teaching<br>staff) |
|-------------------|---|---|------------|------------|--|--|
| 2020              | Computer<br>Skill Enha<br>ncement   | -   | 01/07/2020 | 10/07/2020 | 40   | 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<br>professional<br>development<br>programme  | Number of teachers<br>who attended | From Date  | To date    | Duration |
|---|------------------------------------|------------|------------|----------|
| Reorienting<br>Education<br>towards<br>Sustainability<br>for Higher<br>Education<br>Teachers<br>organized by<br>Department of<br>Education,<br>HNBGU Srinagar | 1                                  | 05/12/2019 | 10/12/2019 | 06       |
| No file uploaded.   |                                    |            |            |          |

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

| Teaching  |           | Non-teaching |           |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent    | Full Time |
| 42        | 42        | 6            | 6         |

6.3.5 – Welfare schemes for

| Teaching   | Non-teaching                        | Students  |
|--|-------------------------------------|---|
| 1. study and<br>professional development<br>leave 2. Group Insurance | 1. Group Insurance<br>Scheme 2. EPF | 1. Financial support to<br>students of weaker<br>section 2. Book Bank |

**6.4 – Financial Management and Resource Mobilization**

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

The Institution conducts internal and external financial audits regularly. The book of accounts and the supporting evidences are subjected to both internal and external audit. The internal audit monitors financial management of the Institution. External audits are conducted by certified auditor every year to verify the compliance with statutory requirements and obligations.

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                              |
|--|-------------------------------|--------------------------------------|
| MIT, RISHIKESH   | 112000                        | Project work for M.Sc. dissertations |
| No file uploaded.  |                               |                                      |

6.4.3 – Total corpus fund generated

No Data Entered/Not Applicable !!!

**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       | Yes      | Affiliating University | Yes      | Department Head      |
| Administrative | Yes      | CA                     | Yes      | Management Committee |

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

The college organizes formal and informal parent meets to keep them aware of their wards progress to get feedback and also to find future linkage possibilities.

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

1. To pursue higher education 2. Technical workshops for technical support staff to upgrade their skills. 3. Awareness talk on both health and hygiene.

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

1. Addition of two new courses B.Com.(Hons) and B.Sc.(PCM) in the Institute 2. Renovation and addition of physical and IT infrastructure. 3. Organized one day workshop on IPR sponsored by UCOST Dehradun 4.Organized various online quiz competitions on Covid19 awareness, Environment Biotechnology, Microbiology, Computer Science awareness and Poster, Slogan, Essay competitions on the occasion of Environment Week 30th May-6th June 2020. 5. MoU was established between PLMS(PG) collage Rishikesh and Department of Science MIT, Rishikesh to collaborate in students, faculty exchange program, laboratory and Research.

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 |
|---------------------------|------------------------------------|-------------------------|---------------|-------------|------------------------|
| 2020                      | Nil                                | Nil                     | Nil           | Nil         | Nil                    |
| <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 |
| International Womens Day | 08/03/2020  | 08/03/2020 | 62                     | 12   |

##### 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  |
|--|
| To impart environmental consciousness, various online environmental awareness programs were organized through Slogan, Poster, Essay and Quiz competitions through out the week (May 30-31, 2020) on the occasion of World Environment Day 5th May 2020. More than 1000 participants took part in aforementioned competition. |

##### 7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities     | Yes/No | Number of beneficiaries |
|---------------------|--------|-------------------------|
| Physical facilities | Yes    | 10                      |
| Ramp/Rails          | Yes    | 10                      |
| Rest Rooms          | Yes    | 10                      |

##### 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 |
|------|--|--|------------|----------|-------------------------|--|--|
| 2020 | 1  | 1  | 05/12/2019 | 1        | Tree plantation program | Tree plantation on highway near the ISBT Rishikesh | 110  |
| 2020 | 1  | 1  | 28/01/2020 | 1        | Cleanliness             | Create Awareness                                   | 92   |

|                   |   |   |            |   |                   |   |    |
|-------------------|---|---|------------|---|-------------------|---|----|
|                   |   |   |            |   | Drive             | in the public to maintain cleanliness in their surroundings                     |    |
| 2020              | 1 | 1 | 18/01/2020 | 1 | Literacy Campaign | To raise awareness towards literacy among the marginalised group in the society | 98 |
| No file uploaded. |   |   |            |   |                   |   |    |

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

| Title                              | Date of publication | Follow up(max 100 words) |
|------------------------------------|---------------------|--------------------------|
| No Data Entered/Not Applicable !!! |                     |                          |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity                           | Duration From | Duration To | Number of participants |
|------------------------------------|---------------|-------------|------------------------|
| No Data Entered/Not Applicable !!! |               |             |                        |
| No file uploaded.                  |               |             |                        |

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

1. Sustainable Landscape and herbal garden maintained by organic farming 2. Smoke free campus 3. Vermicomposting to produce organic fertilizer for gardening 4. Institute has natural ventilation and lighting throughout its classes and laboratories which help conserve the energy demand. 5. Plastic free campus

**7.2 – Best Practices**

7.2.1 – Describe at least two institutional best practices

Best Practice 1 Title: Evaluating all the drinking water resources of the Institute for various physical, chemical and biological parameters for quality assessment by the Post graduate students of the Institute Objective: To develop water testing skills in the students Context: Regular Water quality monitoring is very important for any Institution Practices: All the drinking water resources including underground water resource, municipality water supply and multiple water storage tanks in various departments of the Institute are collected in triplicates and checked for physical, chemical and biological factors to determine the water quality. Physical properties of water quality include temperature and turbidity. Chemical characteristics involve parameters such as pH, dissolved oxygen, chemical oxygen demand (COD). Biological indicators of water quality include biological oxygen demands (BOD) caused primarily by algae and phytoplankton. Another major property is the presence of coli-form bacterial population which is responsible for deterioration in quality of water. All these parameters are checked in the collected water samples using standard protocols in Chemistry and Biotechnology laboratories and their water qualities are determined Evidences of the



successes: Due to regular monitoring (quarterly), any change in physical, chemical and biological properties of water are timely assessed and resolved shortly. Water storage tanks were periodically cleaned with appropriate cleaning agents and this ensures that Institute is providing good quality water to its students/staff/visitors. Problem Encountered and Resources required: sample collection bottles, specific chemicals, water quality testing kits, specific culture media, broth, petriplates, glasswares and incubator, laminar air flow, autoclave, oven etc. Best practice 2 Title of the best practice 2: To develop bacterial consortium of potential bio-fertilizers. Objective: To develop bio-fertilizer development skill in the students Context: Department has developed bacterial consortium of potential bio-fertilizers as part of M.Sc. dissertation and lab exercises in Microbiology and Biotechnology which upon proper characterization could be of commercial importance to the farmers. This helps students understand the importance of lab practices in the development of products of commercial significance. Practices: Bacterial consortium having potential bio-fertilizer activities were isolated from the rhizospheric soil and root nodules of leguminous plants growing in the garden of the institution using standard pure culture techniques and specific culture media and characterized for nitrogen fixing ability, phosphate solubilization and auxin production in accordance with the standard methods. Evidences of the successes: Pure cultures of bacteria isolated from rhizospheric soil and root nodules were tentatively characterized as belonging to the genus Azotobacter, Azospirillum, Clostridium, Pseudomonas and Rhizobium having potential to act as biofertilizer with respect to improving nitrogen fixation, phosphate solubilization and Auxin production promoting plant growth. Problem Encountered and Resources required: fungal contamination has been the most common problem which was overcome by repeated sterilization and prolong sterilization time besides aseptic culture practices. Sample collection bottles, specific chemicals, specific culture media, broth, petriplates, glasswares and incubator, laminar air flow, autoclave, oven etc were the common resources required.

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

<https://mitrishikesh.com/>

### 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

The Modern Institute of Technology, Dhalwala, Rishikesh is one of the premier Institute of the region. The Institute is committed to provide quality education to the youth of the hilly region of the state. The Institution provides job oriented trainings to the students in different fields like CS/IT, Biotechnology, Microbiology, Education and Commerce so as to remove educational backwardness and disparities among the students. Many students of the Institute are placed in various schools of Rishikesh and nearby area. At the same time, there is an emphasis on community based and integrated learning. Various programs and events centered on the community and involving community as a stakeholder are distinctive areas of work in MIT. The Institute conducts social outreach programmes for the community on different social issues so as to make them aware of various these issues and how to tackle with them. The Institute has adopted four primary schools of the region where it provides support in the form of guidance and counseling, teaching aids and beautification of their campus by the B.Ed. students.

Provide the weblink of the institution

<https://mitrishikesh.com/certificate.php>



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

1. Starting Yoga and Hotel Management courses. 2. Starting certificate courses so that the students could get livelihood opportunities in their neighbourhood and migration issues could be addressed thereof. 3. Formalization of patents and consultancy guidelines. 4. Collaboration with industries 5. Strengthening of Alumni Association 6. Installation of lifts in the Institution.