YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Dharampeth M. P. Deo Memorial Science College, Nagpur
• Name of the Head of the institution	Dr. Akhilesh V. Peshwe
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07122241372
• Mobile No:	9422313334
• Registered e-mail	principal_dsc@rediffmail.com
• Alternate e-mail	iqacdsc2022@gmail.com
• Address	Near Ambazari Lake, North Ambazari Road, Nagpur 440033(M.S.)
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	440033
2.Institutional status	
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**UGC 2f and 12(B)**
• Name of the Affiliating University	**Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur**
• Name of the IQAC Coordinator	**Prof. Pitambar T. Humane**
• Phone No.	**9970468635**
• Alternate phone No.	**07123553431**
• Mobile	**8329106014**
• IQAC e-mail address	**iqacdsc2022@gmail.com**
• Alternate e-mail address	**principal_dsc@rediffmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.dharampethscience.com/aqar/
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.dharampethscience.com/academic-calendars/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**70.45**	**2003**	**16/09/2003**	**15/09/2008**
Cycle 2	**B++**	**2.83**	**2012**	**10/03/2012**	**09/03/2017**
Cycle 3	**A**	**3.01**	**2017**	**27/11/2017**	**26/11/2022**

6.Date of Establishment of IQAC	**02/06/2004**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	**NA**	**NA**	**NA**	**NIL**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**

• Upload latest notification of formation of IQAC	View File
9.No. of IQAC meetings held during the year	**06**
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	**Yes**
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
• If yes, mention the amount	

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

1. At the backdrop of Corona Pandemic, in order to implement online teaching learning process in-house training was provided to the staff members from techno-savvy staff of the institute for the use of digital platforms like Microsoft Teams, Zoom and Google applications, cisco WebEx, etc. 2. IQAC strengthen collaborations with other institutions to continue organization of various events, like webinars, workshops, conferences, etc. 3. Introduced skill-based certificate courses for UG students to make them employable after graduation. 4. Promoted linkage with i-transform for SC/ST student and also suggested electrical audit & fire safety, etc. 5. Quick adaptation and changing the mode of jewellery making certificate course from offline to online due to COVID-19 pandemic

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1. To provide In-house ICT training to the faculty members on how to use Microsoft Teams?	1. This training program was beneficial to all the faculty members. They shared various ICT tools and their integration into their teaching-learning practices. This was a very necessary skill development during the COVID-19 pandemic and or lockdown period where all the teachers were to engage online classes.
2. To organize Online Webinar/Workshop on current topics like Artificial Intelligence, Cyber Security, Stress Management, IPR etc.	2. National Seminar & Interactive Session on "Artificial Intelligence & Cyber Security: New insights for Innovation and start-up ventures organized by Vidarbha Industries Association , Vijnan Bharti & Raman Science Centre, Nagpur in collaboration with Dharampeth M. P. Deo Memorial Science College, Nagpur J. M. Patel Arts, Commerce & Science College, Bhandara Dr. M.K. Umathe College, Nagpur & Bar. Sheshrao Wankhede College College of Arts and Commerce, Khaparkheda, Nagpur (Under Project NAVIN) Two Days Faculty Development Programme on Innovations & IPR organised by Dharampeth M. P. Deo Memorial Science College, Nagpur, J. M. Patel Arts, Commerce & Science College, Bhandara, Dr. M. K. Umathe College, Nagpur, Bar. Sheshrao Wankhede College, Khaparkheda, & S. N. Mor College, Tumsar, in collaboration with Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur Five Days National Workshop on CSIR-UGC-

	NET-JRF/LS Preparation in Life Sciences organized in association with Bhavan's College Andheri West Mumbai, Shri Shivaji Science College, Amravati, Shri Shivaji College of Arts, Commerce & Science College, Akola National Webinar on
3. Curriculum design for the certificate courses	3. Curriculum for all the 14 certificate courses were designed by our faculty members which comes under Jeewan Shikshan Abhiyan, RTM Nagpur University, Nagpur
4. Certificate Courses for all classes (UG and PG) in addition to existing IIT Spoken Tutorial and add-on certificate course in Bioinformatics.	4. In all 14 Certificate Courses were introduced. Understood the gaps in university curriculum and used this understanding to design value added certificate courses. These courses help to increase awareness of technology advancement, employability skills improved and confidence level of students increased.
5. Induction programs for students of entry level.	5. The new entrants were introduced to organizational vision, mission, objectives and culture. The plan of activity for the semester became clear to the students in the beginning of the semester. Students were given idea about new syllabi, IPR issues, NSS, NCC, Life-long learning, Library working, Time Table, Various govt. schemes, sports etc.

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee (CDC)	24/03/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	16/02/2022

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	17

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	1029

File Description	Documents
Data Template	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	829

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	437

File Description	Documents
Data Template	[View File]

3.Academic

3.1 Number of full time teachers during the year	**18**

File Description	Documents
Data Template	[View File]

3.2 Number of Sanctioned posts during the year	**55**

File Description	Documents
Data Template	[View File]

4.Institution

4.1 Total number of Classrooms and Seminar halls	**21**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**3.60013**
4.3 Total number of computers on campus for academic purposes	**114**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Our institution ensures effective curriculum delivery through proper planning. Being an affiliated college, it follows the academic calendar and curriculum designed by the University. However, some of the faculties who are members of BOS also participate in syllabus framing. This year college introduced skill based online short-term

certificate courses for which the curricula were designed by some faculty members The curriculum delivery is actuated through the mechanism of well qualified teachers. Timetable, teaching plan course completion certificate and feed-back system. The various college committees play their role effectively to generate synchronized planning process. The vacant posts are taken care by appointing CHB and fulltime ad-hoc teachers from time to time.

This year due to pandemic mostly online teaching mode was used for this in house training was provided by experts to faculties.

For virtual teaching and evaluation all the teachers used either Microsoft teams, google meet or zoom platform and the exams were conducted using google forms.

Induction program is organized where academic experts guide new entrants.

This year due to pandemic the proposed examination schedule of university got postponed hence the college had to reorganize its schedule for conducting bridge course, aptitude and class tests.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://www.dharampethscience.com/master-time-table/

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Based on the academic calendar of the affiliating university the IQAC of the college prepare its own calendar. While preparing the academic calendar of the college departmental inputs are invited by the IQAC. The schedule of online admission process, as recommended by the University is strictly followed by the college.

At the beginning of the session the course contents, examinations and evaluation pattern is explained to the students by concerned teachers. Mechanism for allotting internal assessment marks is explained to the students with utmost clarity.

Aptitude tests and bridge courses are conducted in the beginning of the session to identify different types of learners.

The schedule of class test/unit test is clearly mentioned in the college. Internal evaluation is carried out on the basis of students' performance in class test, home assignments, attendance, seminars, quizzes and involvement of students in various activities organized by college.

Based on the outcome of the semester examinations, corrective measures suggested by IQAC are implemented.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://www.dharampethscience.com/academic-calendars/

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

01

File Description	Documents
Any additional information	[View File](#)
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	[View File](#)

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

22

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	[View File](#)
List of Add on /Certificate programs (Data Template)	[View File](#)

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1029

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1029

File Description	Documents
Any additional information	[View File](#)
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File](#)

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Some of the ways we deal with the crosscutting issues are:

- All the SYBSc students have compulsory paper on Environmental Studies.
- In Zoology, sex determination, IVF techniques are taught which addresses gender discrimination issues and College organizes Guest Lectures through Women Cell.
- In Microbiology, professional ethics and biohazards is covered in Biotechnology and in Applied biology, water and waste water treatments, air and soil microbiology.
- In Physics, renewable energy resource based solar cell is taught in practical. The college has installed 35kv solar panels, a step towards sustainability.
- In Botany, Hydroponics, Ecology and Organic Farming is taught which is the need of the hour.
- In Home Science, Human behavior and Human values are taught in child development, Extension and Education.
- Rotract Club organized activities like Rakhi for Rakshak, where they thanked Covid Warriors by tying them Rakhis, for which club received award, Tree Plantation, "Panwatha" etc.
- The valiant leadership and social commitment displayed by Rotract Club members during the menacing covid times were noticed and appreciated by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of education Government of India
- For social cause, College donated old newspapers to an NGO, Malhar Foundation who helps destitute women to earn their livelihood.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

03

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

02

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	**B. Any 3 of the above**

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.dharampethscience.com/wp-content/uploads/2022/05/1.4.1-1.4.2-Stakeholders-Feedback.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

1165

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

829

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

We assess the learning levels of the students based on their

performances in qualifying examinations, prerequisite examinations, class room tests and assignments, their performances in different academic related activities along with classroom interactions. Their ability to ask questions in the classroom as well as their ability to frame questions on the content gives us an adequate idea about their level of understanding in academics. We hold extra classes for the slow learners wherein each topic of every subject is explained in simple language which enables them to understand topics clearly and also clear their doubts on a one-on-one basis.

In order to accommodate different learning styles and needs of the students we organize quiz competitions, debates and discussions, ppt-competitions, simulations, excursions, project-based involvement and activities that trigger innovation and creativity in them. Through our tie up with IIT Pavai, we provide opportunity for our students to register for higher level certificate courses. Number of students appearing for difficult course is less but the soothing fact is they are making efforts and succeeding too.

We also encourage students to prepare for different entrance tests such as IIT JAM and out students have succeeded in qualifying and securing admissions into prestigious institutions.

File Description	Documents
Link for additional Information	https://www.dharampethscience.com/wp-content/uploads/2022/05/2.2.1-Aptitude-Test_Bridge-Course.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1029	18

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Adopting innovative methods with the support of modern teaching tools besides traditional classroom teaching-learning is made more students-centric and experiential. We enhance learning experiences by performing the following activities:

Due to COVID-19 pandemic we could not organize industrial visits / excursions, but faculty observed the COVID norms and shared live videos from areas like, Chandrapur where students were explained how fishermen do the fishing and set the fishing nets.

We conduct quizzes and aptitude tests on campus and also promote students to participate in competitions organized by other institutions.

College also invites subject experts and guests for lectures and interaction with the students. Open Educational Resources are used by the teachers to strengthen the teaching-learning process.

For problem solving methodologies the college supported computer science department students who developed online portal in order to handle departmental assignments and tests conducted during lockdown period because of COVID successfully.

Because of COVID pandemic when the offline examinations, evaluation and assessment was not possible, it switched on to the online mode. There was specific problem of setting paper of mathematics, online as MSWORD does not support typing of complicated signs used in the subject hence certificate course in Latex was taken up.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/2.3.1-Curriculum-Relate-Activities.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

For effective teaching -learning the institution provides ICT-enabled technology and facilities to all the departments such as:

- Broad band Internet access.
- Wi-Fi campus.

- **Learning Management Systems**
- **Interactive digital smart boards**
- **Educational CDs**
- **LCD projectors.**
- **Laptops, Computers.**
- **Software tools for the virtual lab like Circuit Maker 2000.**
- **Simulator Apps likes 8085 simulator, CppAndroid**
- **E-learning resources like, e-books, lectures videos, YouTube channels, etc.**

Latest microprocessors, microcontrollers.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://www.dharampethscience.com/wp-content/uploads/2022/05/2.3.2-ICT-Enabled-Tools.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

17

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

18

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

15

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

360

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The college has transparent and robust evaluation process in terms of frequency and variety. The internal assessment is completed

before the theory examination of the university and the marks are sent to the university before the commencement of the examination. Every teacher explains to the students the method of internal assessment that he or she proposes to implement and the scheme of marking the assignments unambiguously.

Continuous evaluation is made through Group Discussion, Unit Tests, Assignments Submission, Field Visit / Field Work and Seminars Presentation. Unit tests are conducted regularly and the weightage for the unit tests varies as per the concerned faculty.

The departments organize seminars for the students of second /third year. The topics are given by concerned teachers to prepare power point presentation (PPT). Error explanation sessions for guiding the student are conducted based on need and requirement.

Our faculty had to frequently adjust with the online and offline modes because of the COVID times but they insured that assessment is done properly and as per the norms and standards of the university and the institution.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/2.5.1-Mechanism-of-Internal-Assessment.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

A transparent, time-bound and efficient method is being followed in the institution.

Internal Assessments:

Immediately after the unit tests, the solution of the test along with question wise marking scheme is shared with the students within an hour after the test to maintain transparency and uniformity. This year because of pandemic, test was conducted in online mode. Mostly Multiple Choice Questions (MCQs) were given for the test on google form. The departments conducted test examinations and average marks of the unit-tests is calculated and verified with the students. Any discrepancies reported are resolved by the faculty immediately.

Assignments:

Faculty evaluates assignments based on the rubric which is also shared with the students. The evaluated assignments are given back to students thus maintaining the transparency of the marks assigned and to resolve grievances if any.

Lab experiments:

The experiments performed in the laboratory are immediately evaluated by the faculty and the performance marks are assigned based on the lab rubric. The rubrics are given in the lab manual which is shared with the students before the experiments are conducted. The lab submissions are taken online. This provides a transparent way for students to reflect on their strengths and areas of improvements.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/2.5.2-Examination-Related-Grievances.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

- **The outcomes our courses and programmes are in full consonance with the vision and mission of the institution and the parent body, Dharampeth Education Society.**
- **The affiliated nature of the institution gives us abundant opportunity to modify and strengthen our outcomes with unique certificate course and teaching learning processes.**
- **Our persistent nature gravity about quality enhancement as reflected by the outcomes is evident in appreciation of our efforts to internalize ICT into education by IIT Pavai.**
- **Data indicates that number of students going for higher studies into excellent institution across Indian and abroad has increased.**
- **The success of our holistic approach is also evident in our students achieving in academics, research, sports, NCC, NSS, inter collegiate competitions at state and national level competitions.**

- The college offers two programs, UG and PG in mathematics. In addition to these 22 online short-term skill-based certificate courses.
- Students are informed about POs, COs and PSOs in the student's induction programs and also by the subject teachers in the beginning of the session.
- The POs and COs are reviewed after every semester and uploaded on the college website. The final PSOs are posted on website after the successful completion of particular UG and PG programs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	https://www.dharampethscience.com/program-outcomes/
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

- We set attainable benchmarks and try to evaluate our outcomes in terms of our success in projecting our students to state, national and international level. To what extent we succeed in gaining them visibility is our indirect method of assessing the efficacy of our Pos, PSOs and Cos.
- Employers' feedbacks, Students success in examinations, competitive exams, are our some of the indirect indicators of the worthiness of outcomes.
- Presence of our sports persons at very high levels, the ability of our students to write research papers indicate that we are following correct line and succeeding in connecting local with the global in some measures.
- We make good use of feedback from formal and informal sources to evaluate our outcomes and insert suitable modifications accordingly.
- Internal evaluation is carried out on the basis of students' performance in unit test/ class test, home assignment, seminars, regularity in the attendance, participation in various curricular and cocurricular activities and sports.
- As regards 22 online short-term skill-based courses, the course outcome of Jewelry designing was very encouraging.

> **After the completion of this course, some students prepared and sold their jewelry items and earned money, a step towards making students self-reliant.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/2.6.2-Program-Syllabi-Links.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

433

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://www.dharampethscience.com/wp-content/uploads/2022/05/2.6.3-Annual-Report-2020-21.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://www.dharampethscience.com/wp-content/uploads/2022/05/2.7.1-Student-Satisfactory-Survey.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

0

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

12

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

16

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

07

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

We have always been very focused on holistic development of students and our reports of the activities counducted in the vicinity area through NCC, NSS, Rotract Club, Women Cell indicate that we have

succeeded to the great extent in sensitizing our students to social issues and build their commitment for the upliftment of society in whichever possible way they can.

We successfully communicated awareness regarding government schemes and social issues the special camps and drives we organize in rural areas. Our efforts such as biodiversity mapping of camp vicinity areas, sickle cell testing, blood donation and other such drives have been largely appreciated by benefactors.

These activities have helped us build a rapport with the vicinity area communities and recently we have noticed that some the good students from the area are coming to us for admissions as the feel some sort of a comfort in interacting with us.

The students develop leadership and teamwork skills and become more attuned to working amongst populations of varying ethnicity or socioeconomic status. One of the soul satisfying things for us is our students now identify issues and approach us with plans and activities they are interested in doing.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

10

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

19

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

471

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

0

File Description	Documents
e-copies of linkage related Document	**No File Uploaded**
Details of linkages with institutions/industries for internship (Data Template)	[View File](#)
Any additional information	[View File](#)

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

01

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The College infrastructure ensures adequate facilities for academic cocurricular and research activities. The college campus has three infrastructural edifices which include main administrative block and office second one is Home Science and third is for science. The entire campus is under CCTV surveillance for security and has wi-fi connectivity. The college has an ICT enabled rooms, Seminar halls, smart rooms, Conference room and record rooms for various academic activities.

There are 15 well equipped laboratories, 18 classrooms 5 with ICT facilities and 11 staff rooms. The zoology and botany departments have well developed museums with rare specimens and botanical garden

to enrich the teaching-learning facilities. Our computer labs are adequate and sufficient as per the present needs of students.

Basic amenities on college premises include separate staff and student parking, canteen, drinking water coolers, first-aid, solar energy generation, fire safety and separate washrooms for men, ladies, boys, and a girls' common room. The office has cloud-based CMS. The library uses LIBMAN software and is well-equipped with a stack room, reading hall and network resource center. Its collection of books, journals, reference books and other resources, supplemented with various departmental libraries form a strong support system.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The institution has adequate physical facilities which are augmented from time to time for conducting cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Student activities like Cultural, sports, indoor and outdoor games, gymnasium, auditorium, NSS, NCC, cultural activities, public speaking, communication skills development, yoga, health and hygiene are in place.

Cultural:The hall is available for extracurricular activities of the institution like cultural functions, induction programs, medical camps and awareness seminars. A ground is also used for cultural activities and functions like celebration of Independence Day, Republic Day etc.

Sports: There are outdoor games facilities for Football, cricket, archery, athletics and other track and field events, separate volleyball and basketball courts, as well as the facility for indoor games such as table tennis, carom, chess and badminton. A Gymnasium for students and staff has modern equipment such as bench press, weight lifting set, butterfly peg deck, multi-gym, dumbbells, chest expander, arm curler, etc. Yoga activity has been taken in college premises between 6 to 8 am.

The archery practice area and the collection of books on archery are unique features of our campus.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/4.1.2-Institutional-Adequate-Facilities.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

5

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

5

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/4.1.3-Classrooms-and-Seminar-Halls-with-ICT-Enabled-Facilities.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

2.83487

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The library has a prominent role to play in assisting the overall learning process. It has significant contribution in the research work as well as in the enrichment of the knowledge base of students, faculty members and other staff members.

The library of the institute is fully computerized and has open access to all readers. It also offers internet facility. The library is automated using integrated library management system (ILMS) with many text-books, reference-books, periodicals CDs and also free-downloaded books.

The institute has main library and also the departmental libraries. The main library houses all the major reference and text books, journals, periodicals, magazine, encyclopedia, novels, prominent newspapers and books on wide variety of subjects.

In addition, the institution has special collections of archery books, competitive examinations, and books for NDA and CDS provided as part of the Vijay Path programme of Krida Bharti.

The competitive examination books are directly procured upon request from students for the new books in the market. This act has instilled motivation in the students and proved a booster for the online MPSC weekly preparation meets started in the institution.

- **Name of ILMS software: LIBMAN**
- **Nature of automation (fully or partially): Fully**
- **Version: 1.0**
- **Year of Automation: 2018**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://www.dharampethscience.com/wp-content/uploads/2022/05/4.2.1-Integrated-Library-Management-System-ILMS.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	D. Any 1 of the above

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

0.18410

File Description	Documents
Any additional information	[View File](#)
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

0

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

IT facilities are constantly being updated. The college has two leased internet connections, broadband and fiber optical, in addition to a dedicated office fiber optical connection. There are unlimited internet connections. Many ICT-enabled classrooms laboratories also have portable LCD projectors. Library using LIBMAN software.

The office also works with cloud-based CMS software. Online payment services have been added. The admission process, salaries, and bursaries are computerized. The College has a website, which provides all the necessary information. Wi-fi was installed throughout the college.

The management has been increasingly expanding infrastructure support to improve college IT resources. During the lockdown period, the institute upgraded its teaching to online mode using Microsoft Team, google meet and zoom. The college organized several programs on digital platforms.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/4.3.3-Internet-Connection-bandwidth.pdf

4.3.2 - Number of Computers

114

File Description	Documents
Upload any additional information	**No File Uploaded**
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

2.83487

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

One of the most appreciated strengths of our institution by the last Peer Team during the third cycle of accreditation was our maintenance department. We have a full-fledged maintenance department that takes care and addresses all types of maintenance issues. The department even manages to do motor winding of the college fans by itself for example and saved lot of expenditure of the institution in various ways.

The campus maintenance department which includes buildings, classrooms, laboratories, playground etc. Cleaning, Dusting, Sweeping and Mopping, Maintenance of Garden, entire campus snag work etc. is undertaken daily by the housekeeping staff.

Heads supervise and ensure the cleanliness in the department. The toilet blocks and wash areas are outsourced for maintenance. The stocks of the department are annually verified.

The library staff looks after the maintenance of the library while the office is looked after by the junior clerks. The college cafeteria caters hygienic food to staff and students.

Files related to Library and Library resources are well maintained and labeled for easy access. College has done electrical audit through proper agency.

During Covid pandemic, all the teachers conducted online classes and uploaded online educational resources for the students.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

317

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	[View File](#)
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

0

File Description	Documents
Upload any additional information	[View File](#)
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File](#)

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**A. All of the above**

File Description	Documents
Link to institutional website	https://www.dharampethscience.com/wp-content/uploads/2022/05/5.1.3-Capacity-Building-and-Skill-Enhancement-Initiatives-List-of-Activities-and-Reports-1.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

634

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

634

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

0

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

45

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government

examinations) during the year

01

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

03

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

Students' involvement in college activities in organizing programmes and conducting competitions, working with different committees help the students in several ways.

The college has a Student Council representative who represents college at the affiliated university. However, since 2019-20, as per the RTM Nagpur University Direction No.39 of 2017 onwards no elections were conducted till further notice, hence no student council could be formulated by the college. However, there is a student representation in College Development Council as well as

Internal Quality Assurance Cell (IQAC). Ms. Hiteshi Wadibhasme of B.Sc. III is a student representation in CDC, whereas Ms. Prachi Itankar, B.Sc. II is in IQAC. Two student representatives are in Administrative Advisory Committee.

Students represent their participation in various committees like NCC, NSS, Rotract Club, Cultural Committee, Magazine Committee, Anti- Sexual harassment Cell and Anti-ragging Committee. The Council conducts annual gathering and various activities every year, however no gathering was held due to pandemic restrictions.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/5.3.2-Students-Representation-in-Various-Bodies.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

22

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The college has an alumni association which is in the process of registration. It aims at enhancing interaction between alumni and

students on various issues. Department wise and college level WhatsApp groups are in place.

As on today, direct financial contribution in general looks miniscule however, the alumni has greatly helped in putting in place Rotract Club on the campus and most outside campus social services in addition to our NSS and NCC wings are done through the Rotract Club of the college. Our alumni are at official level and so they give good support and mentoring to the current students and there is lot of warmth between them that we actually perceive.

Felicitation Programme of Covid Warriors

Due to COVID-19 pandemic, very few activities were conducted. An alumnus, Dr. Krishna Khairnar, Senior Scientist and in charge of Environmental Virology Cell (EVC) CSIR-NEERI, Nagpur and his team members were felicitated for their yeoman's service in the time of Corona pandemic by the department of Microbiology and Microbiologist Society of India, Maharashtra.

We have great pleasure in stating that Alumni has played a crucial role in making this campus entirely "Atmanirbhar" in relation to solar energy through CSR.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/alumni-association/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) | **E. <1Lakhs** |

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The governance of our institution in brief can be defined as

benevolent and oriented towards welfare of students and staff of the institution. The vision and mission statement reflecting the goals and objectives of the institution connected to the lager national and global perspectives are always cardinal to the mode of governance.

Transparency with all the stakeholders is one of the hallmarks of our institutions. Our accounts are audited transparently without fail every year by the Parent society and we have always successfully completed government audits several times in the past 50 years.

Regular IQAC and CDC meetings give adequate authorities to the higher authorities to review our resolutions and action taken by the administration. This actually is one of the reasons why we have managed to stay one of the best and renowned institutions in spite of the handicap of staff recruitment.

The authorities at the helm are open minded and consider suggestions and feedbacks coming from all directions. Several of the faculty and students' suggestions are acted upon to enhance the students and other stake holders experience on campus.

We are attentive to the problems of the students make efforts to plan with accuracy and vision.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/vision-mission/
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Leadership at various levels from the top management down to the staff and students perform roles in complete unison and harmony. The policies of the management are well executed in the institution. Events and activities are managed collectively and with excellent cooperation from all the various level. Heads of the departments and committee conveners play a crucial role in decision making at respective levels. The college appoints committee conveners, supported with 4 to 5 committee members who shares collective responsibility in organizing various curricular and cocurricular

events. The college delegates authority and provides operational autonomy at various levels. Under the supervision of Principal, the Vice-Principals and Heads of the Departments are empowered and the departments are provided academic autonomy a concrete step towards effective decentralized governing system. Each department contribute in the preparation of academic planner and schedule of activities as per the time-table, to conduct workshop/hands-on-training programs/guest lectures on areas prioritized by the departments. Though budget preparation is an administrative responsibility, individual budgets are prepared at departmental level and final budget is prepared based on those departmental inputs. Leadership at various levels ensures that there is equitable distribution of funds however thrust areas are given a little precedence.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/6.1.2-Effective-Leadership-1.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has been focused on the NEP preparedness and implementation strategies. We have successfully established the upskilling system that would genuinely enrich students experience in place in recent years and in excellent time.

Institutional strategic plan is matched and adjusted with the university's academic calendar. All the teaching learning evaluation and assessment related work is done accordingly. Due to the COVID norms the college has successfully adjusted its schedule and adopted to the online TLP. The other teaching processes like interactive, participatory, outcome-based etc. are used to encourage the students to effectively participate in digital platform. Students are encouraged to use e-resources to gain additional knowledge. Need based bridge courses were conducted by teachers wherever necessary immediately after admissions. The students were encouraged to enroll for IIT Spoken Courses, Add-On Certificate Course in Bioinformatics. In the year 2020-21 the college had applied for various certificate courses like Communication Skills and Personality Development, Excel, Jewellery Design and Making, R-Software, Basics of Computer Skills etc. under the Department of Life Long Learning and

Extension, RTMNU for which the approval was granted and the courses were implemented successfully. We succeeded in effectively deploying the widening of certificate programmes to strengthen the curriculum.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The college is governed by Dharampeth Education Society (DES) and is permanently affiliated to RTM Nagpur University.

Governing Body: DES consist of the Chairman & 10 other members. They design policies and take decisions for the smooth conduct of the college.

CDC: Constituted as per Maharashtra University Act, 2016. CDC is a link between the management and the college. It has a chairman & 04 members from the management, principal, teaching & non-teaching staff representatives, 01 member each from alumni, education field & a student representative.

IQAC: IQAC is considered as think tank of the college. It has the principal, member of management, coordinator, teaching & non-teaching representatives, a student representative and one member each from research & industry. All the academic curricular, co-curricular and extension activities come under the purview of IQAC for which different college committees are in place.

Academic Administration: The principal is assisted by vice-principal followed by HODs and faculty members. Departments have lab assistants and attendants as support staff. For office matter, Sr. clerk is assisted by Jr. clerk & support staff. The library has library clerk and library attendant to assist. The physical education and sports department has an in-charge teacher and attendant.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/06/6.2.2-Academic-Administration-AAI.pdf
Link to Organogram of the Institution webpage	https://www.dharampethscience.com/wp-content/uploads/2022/05/6.2.2-Organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Provide the list of existing welfare measures for teaching and non-teaching staff within a maximum of 200 words.

The College undertakes various welfare activities for both the teaching as well as non-teaching staffs. All the statutory leaves are granted to the faculty members and 'On duty leaves' are given to the teaching staffs for attending Orientation Programme and Refresher Courses. The College encourages the faculty members to attend Seminars and Conferences at various levels. The College often funds the registration fee for the faculties who present papers in seminars and conferences. The college supports the endeavor of the teaching faculties for applying for Major and Minor Research Projects.

Primary role in terms of financial support in the form of loans is given by highly established Dharampeth college credit cooperative society. The faculty as well as the staffs of the College can get easy loans which are arranged through the credit cooperative society of college. At the time of superannuation, the financial matters of the teaching as well as non-teaching staffs are settled by the College in a prompt manner.

Various stationary items and reprographic facility to all the stakeholders are provided through the Cooperative Society Office.

The non-teaching staff are provided with free Uniforms, washing allowances are given to them.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/06/6.3.1-Effective-Welfare-Measures.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

15

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

01

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	View File
Upload any additional information	**No File Uploaded**
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

06

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	**No File Uploaded**
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

There is an internal Performance Appraisal System run by the college for all its staff members headed by the principal. Self-appraisal forms are processed through scrutiny committee of the college which is checked and verified by IQAC coordinator and members. The principal monitors and evaluates the performance of all its staff and communicates the areas of improvement or the overall performance

annually or as per requirement. In case of nonteaching who are due for promotion the list is prepared by the college on the basis of seniority and as per the rules of government of Maharashtra and RTM Nagpur university. Promotions are given to the concerned staff. Proposal of pay fixation is then forwarded to the JD Nagpur region for necessary action.

The students at the end of their course give online feedback about all teachers subject wise. There are suggestion boxes placed at strategic locations in the campus where the students can submit their query or concern about teachers. All these are scrutinized and assessed by the principal from time to time. Similarly, CR for both teaching and non-teaching are collected offline and communicated to staff in a confidential manner.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institute conducts internal and external financial audits regularly and maintained finance and account systematically. Management takes periodic review of financial position of the organization. Institution conducts internal audit on a continuous basis. Internal audits are conducted annually. External audit is conducted after end of accounting period. Internal audit is conducted by the office staff while as external audit is conducted by the outside auditing agency approved by the parent education society. Audit report and audited statement of accounts are discussed in college Development Committee and also submitted with Governing body. Queries and suggestions are resolved satisfactorily. The institute also ensures timely submission of audited utilization certificate to various funding agencies.

In addition to this, financial audits are rigorously conducted by the Maharashtra State Accounts officer as well as the by the AG office separately. The final assessment reports are thoroughly discussed with the head of the institution and the management.

In order to comply with the number of auditing procedure with ease and felicity the college staff maintains accounts in TALLY.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/6.4.1-Internal-Financial-Audit-Mechanism-for-Settling-Audit-Objections.pdf
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0.91

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Institution and the Parent Education Society are extremely transparent in terms of funds. One of the most commendable aspect of our education society is that not a single penny is taken as a donation while appointing staff. It is because of this also we succeed in hiring quality people and have a big name in the central region.

The institution always ensures that the funds/resources are collected on timely basis and are utilized optimally in the best possible way by ensuring judicious investments and restricting to budgeted expenditure. A budget is prepared in the month of February for the following financial year seeking guidance from strength weakness analysis and future growth plan of the institution. All purchases are made after inviting requisite number of quotations and

their proper scrutiny. All the expenditures are checked and approved by office bearers and authorities. Not a single account other than salary is operated with a single signature. Internal checks and controls are very much in place which ensures transparency in financial resource management. The resources are carefully allocated to meet overall administrative requirements, infrastructural upgradation and maintenance, enhancement of teaching learning environment & for faculty development.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/06/6.4.3-FDs-certificate-.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC recently has been very focused on NEP and has been exploring the implementation strategies. Academic plan is prepared for each academic year which ensures the optimum utilization of the available infra structure academic calendar is uploaded on the college website. IQAC has adopted quality improvement strategies in several areas keeping in view the NEP. IQAC has focused on the implementation of e-governance in the area's admission process, examination and evaluation, finance and accounts done by CCMS.

1. Online certificate courses for skill development: Under Lifelong learning and extension deptt. of RTM Nagpur University Jeewan Shikshan Abhiyan 14 certificate courses were implemented successfully. Feedback of the students is very promising. Namely Latex, BCS, vermicomposting, skill development competitive exam, full stack developer, digital marking. Under IIT spoken courses like Libre office suite, C and CC++ many students have received Job letters.

2. The outcome of for example of Jewellery Designing taught online is the best mark of our achievements and adaptability to situation. It was indeed most soul satisfying when students sold the items the prepared through online platforms. The outcome of the teaching learning process is very positive as it is evident from students' feedback.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The College has undergone the 2nd and 3rd Cycles of accreditation in 2012 and 2017. Review of the various processes has been based mainly on the correct understanding of the Peer Team Reports. IQAC, through discussions and recommendations, identifies need of improvement towards teaching learning and prepares a plan of action for upcoming session. Specific formats prepared by IQAC are used to collect information from individuals, HODs, Cells, Office and Library. Based on these reports, incremental improvement in quality is identified and drawbacks, are addressed by IQAC, the College administration and Management.

Example 1. IIT Spoken Tutorials

- No of student increased for IIT, Bombay – Spoken Tutorial Programme empowered by Ministry of HRD, Govt. of India.
- The incremental growth is seen in no of students opting for these courses from 2017 to 2022.

Example 2. Certificate courses

- Add-on Certificate course in Bioinformatics (UGC's): The College is running this course with an aim to provide skill-based career-oriented course which will enhance their employability questioned. The no. of students opting for this course show incremental growth.
- College has also introduced 14 new certificate courses in affiliation with Lifelong Learning Department of RTM Nagpur University under Jeevan Shikshan Abhiyan.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/05/6.5.2-Incremental-Improvement-in-Various-Activities-New.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**C. Any 2 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	https://www.dharampethscience.com/wp-content/uploads/2022/07/6.5.3-Institutional-Annual-Report-2020-21-Final.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The college promotes gender sensitivity through various activities for creating safe, healthy and secure atmosphere in the campus. Programmes related to gender equity promotions are organized in the campus.

- **The college is under CCTV surveillance. The anti-ragging committee take in stock of ragging incidence if any regularly.**

- We have fire extinguishers to tackle with any unprecedented event. Statutory committees like anti-sexual harassment, women cell, grievance redressal comprising of female faculty members is constituted as per the guidelines of the university and UGC. The Suggestions / complaint boxes are made available at defined locations for students and faculties to drop-in their cause of concern. The college also arranges lectures on cyber security as and when required for the stakeholders.
- The institute runs the mentor-mentee system. Each faculty has 15-20 students for mentoring. They provide not only academic counselling but also personal and psychological. This helps to improve relationship between mentor and mentee and helps the mentor to know the overall personality of the student.
- Common room for girls is provided with all amenities.
- So far, we have not faced the need for a day care center for children but in case there is a need suitable arrangement will be made.

File Description	Documents
Annual gender sensitization action plan	https://www.dharampethscience.com/wp-content/uploads/2022/05/7.1.1-Annual-Gender-Sensitization-Action-Plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.dharampethscience.com/wp-content/uploads/2022/05/7.1.1-Specific-facilities-provided-for-women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system

Hazardous chemicals and radioactive waste management

- **The college has an effective mechanism for waste management. The domestic waste such as vegetable, plant leaves, etc. is subjected to vermicomposting in vermi-composting pits/ tanks for biodegradation.**
- **The chemical waste is diluted before sending to the drainage line and bio-medical waste is disposed of with proper care.**
- **Department of physics collect household e-waste such as chargers of old mobiles and similar equipment and gadgets etc. from the stake holders. The same are used to develop new laboratory equipment.**
- **Special workshops are held to repair broken experiment kits involving students. The practice involves students from the final year for skill development and to become self-sufficient.**
- **We have old computers/ instruments or equipments which could not be repaired further, are given to the recycling firm. They provide certification on carbon footprint. In another practice also run by the Physics Department, plastic waste such as cans, bottles, containers of the food materials are collected and with a nominal work on them they are used for planting inhouse/ house hold plants. The department provide all sort of required material for beautifying the planters. The planters then handed over to the participants for their use.**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	https://www.dharampethscience.com/wp-content/uploads/2022/05/7.1.3-Geo-Tag-Photographs-1.pdf
Any other relevant information	**No File Uploaded**

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of Bicycles/ Battery powered vehicles** 3. **Pedestrian Friendly pathways** 4. **Ban on use of Plastic** 5. **landscaping with trees and plants**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment	**A. Any 4 or all of the above**

with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college endeavors to provide an inclusive environment aiming at providing affordable and quality education to all the students attune with its vision and mission. These are reflected through the college prospectus, college motto and academic calendar. The presence of stakeholder from various parts of India makes the college environment inclusive and tolerant towards cultural, regional, linguistic, communal socioeconomic and other diversities.

On the socio- economic front, the college provide scholarships and monetary assistance to the underprivilege students and also implement all government schemes to support their education. College Uniform is made mandatory for all the students to bridge the socio-economic divide. Thus, making the learning environment inclusionary. Approach to the curricular and co-curricular needs of the students are focused upon through various activities undertaken unbiased always with complete parity and fairness. Value addition committee looks after these aspects very closely.

The institution has cultural committee that organizes food fests and

cultural events every year. The cultural day celebrations when offline are marked folk songs and dances representing different cultures. Minority students, socioeconomically disadvantaged students have topped in the university examinations and secured a place in the merit list of the university.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

- The institute encourages its stakeholders to become good citizen through its vision and mission. Various national festivals, constitution day, Dahashatwad Virodhi Diwas etc. are celebrated with enthusiasm through which stakeholders come to know about their constitution obligations, values and duties. The preamble of constitution is read and repeated in the national programme.
- Students and staff are sensitized about their rights and duties as voter's by arranging talks and programmes. Every year the college students and some of the staff members participate in the national voter's day programme organized by collector's office. The students present their skit play and help in creating awareness about voting among citizen. The staff members also participate in the election duties.
- Through various extension activities, like NSS, NCC, Yoga Day, Blood Donation, Life-long learning responsibility as citizen in also inculcated in the stakeholders.
- The stake holders also participated in Swachchha Bharat Abhiyaan which engenders feeling of responsibilities and habit of cleanliness in them.
- We try to inculcate in students' civic sense, traffic sense, habit to obey laws,
- students' habit of respecting and treating all with dignity

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	**No File Uploaded**

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	**A. All of the above**

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Yes, the institute celebrates many commemorative events and days apart from the Independence-day & Republic-day, such as Constitutional-day, Dr. Babasaheb Ambedkar Jayanti, Chhatrapati Shivaji Maharaj Jayanti, Mahatma Gandhi Jayanti, Swami Vivekananda Jayanti, Guru Pournima, Teacher's Day, National Science Day Dahashtwad Virodhi Diwas, etc. every year for developing the knowledge and moral values among the stakeholders.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

7.2.1 TWO BEST PRACTICES

1. **Title of the Practice: SOLID WASTE MANAGEMENT BY VERMICOMPOSTING**

Objective of the Practice

- To clean the college campus with the help of solid waste management
- To creates awareness among the students about clean environment and best from waste.
- To introduce the research attitude among the students

The Context: Vermi-composting activity is of immense importance in solid waste management which is beneficial for society.

The Practice: Uniqueness of this activity is that we made this project research oriented through which variety of vermi-casts generated from different type wastes.

Evidence of success: Research paper published with students in international journal

https://drive.google.com/file/d/1OdldGKu39wpa56IWzZxL5pHph5H21tev/view?usp=drivesdk

1. **Title of the Practice: Student Centric Project: Floristic Studies**

Objectives of the Practice

- To study the angiosperm flora of nearby area.

- To motivate the students of for research work in angiosperm taxonomy.

The Context: Motivation of the students for field study as well as teaching them botanical names, plant identification is a challenging job.

The Practice: To inculcate the research attitude towards the angiosperm taxonomy among the UG students.

Evidence of Success: The data of the project and geotag photograph of the flora studied in students' centric projects were collected and stored in the department.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The institution being situated in Vidarbha Region which is subjected to calamity and adversity for farmers has decided to turn the focus on Vermi- Composting as a major priority and thrust area. This adversity can be treated as opportunity for involvement in various ways.The Vermi-composting project is used in multidimensional manner:

- Direct experiential teaching learning opportunity for students.
- Recycling campus green waste into manure.
- Opportunity for students to participate in research project. It is a matter of great pride for us that our students have published a paper along with their mentoring faculty Dr. Paturkar of zoology department based on the research project they carried out in the plant. This is one of our innovative ways to update students' knowledge and elevate them to the global standards.
- We have formed a special Vermi-compost mentoring group to consider innovation and incubation of creative ideas; renowned BARC scientist, Dr. Maitre as a mentor of our project wherein we have used a carbon detection kit developed by BARC.

We motivate the vermi-compost group students to attend camps specially arranged in rural areas to bring our students in contact withreality of rustic life.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Internet and Wi-Fi facility to all the classrooms, IQAC room, Conference room, Hall, etc.
2. Adaptation of blended teaching learning practices.
3. Organization of online tests for internal evaluation.
4. To increase the interest-based certificate courses.
5. Strengthening of research activities including student centric projects.
6. To enhance research papers and books publication.
7. Strengthening of linkages and collaborations.
8. Organization of online-offline mode National seminars, conferences, workshops, etc.
9. Organization of faculty development program (FDP)
10. Organization of curricular and co-curricular in-house and inter-collegiate competitions.
11. Applications for research and other grants to govt. and non-government agencies
12. Proposals for students and teachers exchange with the different institutions.
13. Organization of frequent meetings to overcome timely or conditional issues.
14. Implementation of maximum number of best practices on the campus.
15. Landscaping in the premises as green campus initiative
16. Planning for effective welfare measures for teaching and non-teaching staff of the institute.
17. Follow-up for alumni association registration and effective alumni registration for curricular, co-curricular and financial assistance to the institute.
18. Initiation of open to all yoga centre in the institute.
19. Data compilation for AQAR: 2021-22 and timely submission.
20. Planning for IIQA & RAR compilations.