YEARLY STATUS REPORT - 2021-2022

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.	0712-2241372
• Mobile No:	9422313334; 9093966666
• 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.	0712-3553431
• Mobile	8329176014
• 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/wp-content/uploads/2022/08/AQAR-2020-21.pdf
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/wp-content/uploads/2022/07/Academic-Calendar-2021-22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	NA	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
NA	NA	NA	NA	NA

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	05	
• 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	No File Uploaded	
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) In view of Corona Pandemic, online teaching learning process was strengthened by providing in-house training to Permanent as well as CHB Teaching staff of the institute from techno-savvy Teachers of the institute for the use of variety of digital platforms like Microsoft Teams, Zoom and Google applications, cisco WebEx, etc. 2) The initiative was taken to introduce M.Sc. (Chemistry)in the institute, a step towards to increase PG courses on campus in coming future. 3) Also, the initiative taken to increase the number of Collaborations and MOUs with education institutions and or research laboratories to strengthen teaching learning practices, to undertake industrial training programmes, certificate courses, as well as to organize webinars, workshops, conferences, etc. 4) Introduction of skill-based certificate courses for UG & PG students to make them employable after graduation & Postgraduation respectively, through affiliated university, UGC, and the institutes involved in MOUs. 5) Organization of interface with renowned scientist from science and technology under Golden Jubilee Science Lecture Series for the session.

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
To organized Monthly National Seminar in collaboration with Association of Indian College Principals	Association of Indian College Principals in Collaboration with Dharampeth M. P. Deo Memorial Science College, Nagpur, Dr. M. K. Umathe College, Nagpur, Bar. Sheshrao Wankhede Arts College Khaprkheda, organized One Day 2nd Monthly National Seminar on
To organized National Level Faculty Development-cum-Orientation Program/Workshops/Seminars In associations with various colleges thought the Academic Session.	. 8 Day National Level Faculty Development-cum-Orientation Programme on
To organized Webinar and Virtual Interface with renowned scientist under Golden Jubilee Science Lecture Series.	A Webinar and Virtual Interface with Prof. N. C. Shivaprakash, Department of Instrumentation, Indian Institute of Science, Bangalore on
Certificate Courses for all classes (UG and PG) in addition to existing IIT Spoken Tutorial and add-on certificate course in Bioinformatics.	14 Certificate Courses were provided throughout the academic session under Jeevan Shikshan Abhiyan approved by Department of Lifelong Learning and Extension, RTM Nagpur University, Nagpur to surge cognizance of skill based add on knowledge on various subjects that will help students to deal with current technology, enhances knowledge on topics and make them confident for PG or getting jobs.
Induction programs for students of entry level.	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 Cell (CDC)	13/12/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-22	22/12/2022

15.Multidisciplinary / interdisciplinary

On the Academic Side

We are in the process of settling a well delineated paths for our Biology as well as Mathematics Group Students both offers them abound choice to hone their skills beyond the syllabi.

We envision to send our students to offline sessions for advanced certifications to the esteemed institutions such as IIT Pavai, Horiba India Pvt. Ltd., VNIT, Nagpur and some of the prestigious institutions abroad in the near future.

Institution holds a very positive approach towards integration of humanities and science with STEM. One of our finest initiatives in this regard is a specially designed certificate course entitled Excel for Banking and Accounts.

We identified the need of skills inters required in the Banking and Accounts Sector and in CA offices. We invited top CA firm and top banking officials and faculty to design a special syllabus for Computer science students who will be able to handle excel with abundant dexterity to extract desired data required by the account's

officers. The courses offer a combination module from economics along with computer science. We envision that student going to the banking sectors will benefit out of these courses in several ways. We also envision that student from other institutions and outsiders will register for this unique course.

For our science undergraduate students' integration of humanities happens quite naturally through their involvement in NCC, NSS, College Rotaract Club, Women Cell etc.

Some of our students who express their interest in state and civil services are made members of the competitive examinations MPSC and UPSC groups. This groups meets ones every week on zoom to discuss topics from Political Science, Sociology, History, Economics, and Human Rights etc. with the help of NCERT Books.

One student gives presentation on the topic he has learnt from the NCERT book and the rest either add to the content presented from the different books they have read or discuss the issues arising out the presentations.

Students frame objective type questions and short and long answer questions based on the topic under discussion.

Each one is supposed to submit at least five questions with answers.

The institution offers limited flexibility in the curriculum by way of different combination of groups but through certifications we modify the curriculum quite effectively.

The curricula of some of the courses offered for our students under the Industry 4.0 approach is unique and highly specialized. For this we are in a process of signing an MOU with the V. R. Jamdar Siemens Center of Excellence, VNIT, Nagpur. There are only three VNITs in India that have this type of facility and we are happy that one of the highly ranked one in them is VNIT.

Bio Group Choices: CBZ, CBM and CZM

Certificate and Diploma Courses in addition to above combinations for the session are: Certificate Course in Bioinformatics and IIT Spoken Tutorial Courses, Vermi-composting and Vermi-culturing, fresh water fish culture, excel for banking and accounts, Diploma in Bioinformatics & Mushroom Cultivation,

Mathematics Group Choices are: PCM, PME, PSM, PCOM, SCOM, ECOM,

PSCOM

Certificate and Diploma Courses in addition to above combinations for the session are: Communication skills and personality development, developing computational skills using software packages and online google tools, Vedic Mathematics, Latex, IoT Devices, Excel for Banking and Accounts and Skill development in Competitive examinations.

On the sports and extracurricular side-

we envision our students and alumni to excel in sports and social service.

Archery – We have a very unique facility for the archers available on our campus. Nowhere else in the city there is a dedicated marked arena for archery. Our archers can practice throughout the day without obstructions.

This is one of the reasons that we have highly decorated archers in our teams.

Besides this we have allowed small children to train on our ground so that in a short time in future we will have all the school level champions in our teams. This small child archery club will be providing us well trained and groomed archers who can dream to be a part of the National team and win at international level.

We have developed a very special library on archery and we provide books to the archers and organize zoom sessions for reading the books.

Skating – We do not have a skating rink but we have groomed a roller skater Ku. Janhvi Kadu all these years. We are extremely happy to put on record that she is a promising champion of the sports and will produce the best for sure.

Janhvi's academics suffer because of competitions all over the nation but we have found her a student mentor who is her senior. Her faculty members also pay immense attention to her academics and support her. Her dietary needs are also taken care off well through support from the faculty as well as from the management.

All our certificate courses are credit based and approved by R.T.M. Nagpur University, Nagpur, IIT Pawai and VNIT, Nagpur.

However, the degree syllabus is undergoing reforms and is going to be credit based as per the directions given to the Board of Studies of the R. T. M. Nagpur university Nagpur.

Our faculty members are part of the esteemed committee that is designing the syllabi along these lines.

Rigour of the courses is maintained through a well-developed plan.The certificate courses are designed as per the current needs by the experts and submitted to the university. University further appoints committees of experts to ensure the worthiness of the certificate courses.Upon approvals the courses are started and outcome of the courses is evaluated based on what skills have been acquired by the students. One concrete example is that of Online Jewellary Design course framed and conducted by one of the subject experts. The best part of it has been students sold their jewelry on Instagram and exhibitions.

Students are getting internships and job offers because of the skills they have shown.

In the Vidarbha region one on the major issue linked with several other issues is productive or fertility of the agricultural land. We conduct composting project to understand the processes that might bring healthy chances in the quality of soil.

We involve our students in the vermi composting projects and have invitees from the esteemed BARC as mentor for the group. BARC scientist Shri. Maitre mentors our students. Faculty from physics and electronics departments also associate themselves with the composting project and try to make constructive contributions.

The institution has already began to elevate itself according the multidisciplinary and inter-disciplinary approach in view of NEP 2020.

We are very shortly submitting a PG Diploma Certificate in Sports Nutrition to the R. T M Nagpur University Nagpur.

Our Certificate Course titled Excel for Banking and Accounts represents our efforts to have a multidisciplinary approach.

16.Academic bank of credits (ABC):

We envision that our BSc students certainly will have an additional statement of skill sets because of the credit-based certificate and

diploma courses they are doing in addition to the statement of marks sheet they get for the completion of university degree.The ABC frame work is going to be provided by the parent university and is under review.

In view of NEP the Industry 4.0 approach we have taken will produce highly employable and skilled students.

1. We redesigned our certificate courses as per the requirements of ABC. The regular syllabus is being fine-tuned by the university.
2. The orientation course was conducted to register the UG and PG students for DigiLocker and ABC ID as per affiliating university directives.

17.Skill development:

The institution focuses on giving opportunity to students to improve their softs skills, Skills of Mathematics and other subjects required for competitive examination. We conduct special sessions for subjects like constitution, political science, thinkers and theories for the aspirants of MPSC and UPSE examinations.

We also pay attention to entrepreneurship development skills of students and it is matter of pride for us that our students developed OTP platform-based software for assignment submission and internal assessment during the menacing covid times and we did not hesitate to purchase special web space for motivating these students.

We also have MOU with V. R. Jamdar Siemens Center of Excellence to hone students' employability skills further under the INDUSTRY 4. 0 initiative. Our students will be absolutely industry ready and even in a position to establish startup companies.

We are also motivating students to join Infosys spring board project offering a large number of online courses.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Our B. Sc Programme does have three Indian Languages as options at the entry level. They can select one language out of Hindi, Marathi and Sanskrit.

Besides we do celebrate Matrubhasha Din, Sanskrit Din and Hindi Diwas also so that students stay connected with Indian languages and

pick right values easily.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

We are focused on outcome-based education and we design activities and sign MOUs and Tie-ups in such a way as to produce desired outcome as per the vision and mission of the Institution.

We offer different teaching learning processes so that our students get opportunity to become researchers, sensitive citizens, environmentally aware, capable of getting employed in the digital transformation industry under Industry 4.0 initiative.

Curriculum is mapped with the outcome and every unit we cover in classroom of every subject is linked with activities for students.

20.Distance education/online education:

We have used distance and online education as a blessing to complement and strengthen our curriculum quite seriously and today we have a very good number of online courses. This in fact is one of the strengths of our institution. During the menacing covid times we conducted an online course of Jewelry Designing Course entirely on the online platform and students reported us that their Jewelry got sold through Instagram and Amazon portals.

We very successfully switched our certificate courses and classes on the online platform in little time.

We are running online courses from IIT Bombay, Spoken Tutorials, Infosys and R.T.M.Nagpur University, Nagpur

We have a regular distance education of Yashvantrao Chavan Maharashtra Open University centre and we offer undergraduate as well as post graduate courses through it.

Extended Profile

1.Programme

1.1   **17**

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

File Description	Documents
Data Template	[View File]

2.Student

2.1   **901**

Number of students during the year

File Description	Documents
Data Template	View File

2.2   **730**

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

File Description	Documents
Data Template	View File

2.3   **345**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1   **14**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2   **55**

Number of Sanctioned posts during the year

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	**901**

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	**730**

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**345**

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 Number of full time teachers during the year	**14**

File Description	Documents
Data Template	[View File](#)

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

File Description	Documents
Data Template	<u>View File</u>

4.Institution	
4.1 Total number of Classrooms and Seminar halls	**21**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**4.5299**
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

We ensure effectiveness in delivery of the curriculum through different modes. Annual plans are made in advance at the beginning of the academic session. Most of the faculties are members of BOS. The curriculum delivery is stimulated 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. Academic experts guide new entrants regarding their batches, timetables, syllabi and curriculum. We accommodate students' choices for the certificate courses as much as possible.

The effectiveness of the curriculum enhanced by successful integration of ICT in the teaching learning methodologies. The efforts of the institution have been much appreciated by IIT Spoken Tutorial National Coordinator. The institution runs 19 certificate courses specially designed as per the needs of the students and are approved from the University Authorities. Our

courses are also mapped with syllabi and are started within one month from the date of approval from the university. Credit based grades are given to the students and the process is documented at every stage.

It is a matter of institutional achievement that 04 skill-based courses modified the syllabi this year.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

Continuous Internal Evaluation is made by each department based on the students' involvement and performance in the activities such as class tests/unit tests, home assignment, attendance, seminars, quizzes, attentiveness and involvement in various academic as well as socially oriented activities.

The institutional calendar for the certificate courses, remedial classes and bridge courses is scheduled and adjusted with the primary university calendar.

We plan quizzes, bridge courses and aptitude tests at the beginning of the session to get some understanding of the students. Students are given clear ideas about the method used for internal assessments.

As compared to earlier sessions about half of the session was conducted offline with relaxed restrictions and adhering to academic calendar became less challengeable. However, in view of students' unavoidable difficulties and the menacing times flexibility was allowed to the students within the preview of laws and restriction.

At the initial stage the college could not give filed based assignments to the students because of restrictions.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	**Nil**

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)

19

File Description	Documents
Any additional information	View File
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

1019

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

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

We deal with the crosscutting issues by organizing –

- **Free sickle cell anemia detection camp for students and society regularly.**
- **Webinars by woman's cell on "challenges of womanhood" and "paradigm shift in gender rules" awareness program for pregnant woman by Rotract club.**
- **Department of Zoology organized workshop on nutritional waste management and run activities like vermicomposting, artificial bird nesting throughout the year.**
- **Department of physics organized workshop on reuse of plastic.**

- Tree plantation program organized by botany department and NSS regularly.
- Bicycles were made available on campus to students.
- All the SYBSc students have compulsory paper on Environmental Studies.
- In Zoology, sex determination, IVF techniques are taught which addresses gender discrimination issues.
- 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.
- In Home Science, Human behavior and Human values are taught in child development, Extension and Education.
- College donated old newspapers to an NGO, Malhar Foundation who helps destitute women to earn their livelihood.

File Description	Documents
Any additional information	No File Uploaded
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

3

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

105

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   **A. All 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/2022/12/1.4.1-and-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

730

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 use various indicators to understand the learning levels of students in addition to their performance in the qualifying examinations. We avoid forming impressions based on the merit list of students and try to understand students' interests and performance in class tests, assignments, student centric activities, classroom interactions. We assess students based on their ability to ask questions as well as ability to frame questions on the classroom content.

Miss. Janhvi Kadu, captain of the Indian Skating team is supported by a senior student.

We accommodate learning needs of advanced learners and slow learners by offering abundant choice to students from simple courses to difficult ones. Advance learners appear for the higher level courses of IIT Spoken Tutorials, Infosys and RTMNU.

Vishram Jamdar Siemens Center of Excellence, VNIT which is one of highly advanced facilities in India offers courses that require Higher Order Thinking. We are interacting with this institute to sign MoU to provide certificate courses to the final year students. So that they can become industry ready and highly employable candidates in future.

We organize quiz competitions, debates, discussions, ppt competitions, simulations, excursions, project based activities for students to accommodate the needs of the slow and advanced learners.

File Description	Documents
Link for additional Information	https://www.dharampethscience.com/wp-content/uploads/2022/12/2.2.1-Aptitude-test-21-22.docx.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
901	15

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

We support our traditional classroom teaching method with student centric activities and assignments. We have a number of facilities such as Botanical Garden, Museums, Vermicomposting Project and Fisheries Project to cater to the needs of experiential learning.

We conduct quizzes and aptitude tests on campus and also promote students to participate in various competitions organized by our as well as other institutions. Open access educational resources are used by the teachers to support the teaching and learning process. We encourage students' creativity, innovative ideas and problem solving skills. On campus we are providing 10 certificate courses under Jeevan Shikshan Abhiyan, Department of Life Long Learning, RTMNU, Nagpur; certificate and diploma course in Bioinformatics (COC) approved by UGC and 7 certificate courses under IIT spoken.

Our Curriculum is appropriately modified and offer highly enriching experiences to the students. Soon our students will be acquiring global level skills through our MoU with Vishram Jamdar Siemens Center of Excellence, VNIT, Nagpur.

We invite renowned scientist Series and highly acclaimed researchers to trigger creativity and innovation of students on

the occasion of Golden Jubilee Lecture Series organized by our institution.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	**Nil**

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/2022/12/2.3.2-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

15

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

15

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

13

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

305

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.

All the instructions are given well in advance to maintain transparency in the internal assessment of the students. We start giving instructions about the assessment right at the time of the induction programme and continue it throughout the year. The internal assessment of the student is done by the institute as per the directions provided by RTMNU, Nagpur. 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.

For internal assessment of the students we organize student seminars, class test, assignments, study tours/ field visits, etc.

It is indeed a matter of great pride for us that during the COVID-19 pandemics our students of computer science under the guidance of Mrs. Ruma Kapre, developed an online portal to handle assignment and tests and they even resolved the issues and errors in the functioning of the program.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/2.5.1-Class-Test-21-22.docx.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:

We have special sessions after each unit test to reveal correct answers of all the test questions. We declare the results of the internal examinations within a couple of days. Internals are conducted in both the offline and online mode.

The tests in Google Forms consisted mainly of multiple choice questions (MCQ). Calculate the average score of test exams and unit tests conducted by department and shared with students. Deviation if any in the result or marks allotted is corrected immediately.

Assignments:

Faculty evaluates assignments based on the rubric which is also shared with the students well in advance. 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 during covid-19 pandemics.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/2.5.2-Grievances-Regarding-Examination.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.

- **Our admissions committee members do counseling and advise students about the programmes, courses and the add on components that boost their profiles in a very strategic**

manner. Committee informs students about the different available groups and possible combinations of courses available within the UG programme.

- As the college comes under the purview of the university, the specific program outcomes and course outcomes that are outlined by the university are implemented by the college and it tries to attain them in best possible manner.

- However, our add-on courses, skill development courses complement the university delineations and strengthen the attributes of our graduates in unique ways. The institution offers UG Programme with 9 different groups, PG in Mathematics and an extraordinary number of add-on courses that are in utter unison with the vision and mission of the parent Dharampeth Education Society.
- The college offers two programs, UG science & Home Science and PG in mathematics. In addition to these 19 online short-term skill-based certificate courses.
- Students are informed about POs, COs and PSOs in the student's induction programs again after the initial counseling by the committee and it is also available on College website.

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

- Attainment of outcomes is taken seriously by our institution. We review our systems and processes quite frequently and always try to be prompt in correcting ourselves. We are focused on enhancing students' experience on campus through several ways and hence, evaluate the performances of students in all the programmes and courses offered in our institution. Feedbacks from stakeholders are used to understand the gaps in our executions.
- For example after thorough discussions we changed a few courses we offered during the previous session and brought in some courses that according to our estimates were more

useful to the students.

- We are sending out our students with better skills than before and we ensure that only the good is extended to the students. We give topmost priority to students feedback as they are cardinal to the entire system. Evaluation from the stake holders is taken into consideration and it's relevance and mapping with the vision and mission of the institution is ensured at every stage when major or minor changes are introduced at our end.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://assessmentonline.naac.gov.in/storage/app/public/aqar/22897/22897_26_55.pdf?1671822942

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

329

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/2022/12/2.6.3-Annual-Reports-and-Subject-wise-Result.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/2022/12/2.7.1-Student-Satisfaction-Report.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)

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

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

32

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

7

File Description	Documents
Any additional information	View File
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

4

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

Inculcating humane values and concern for society in general is one of the major concerns of our institution since last fifty long years. In fact, the institution and the education society came

into being with the cardinal mission of giving to society. The founding fathers, faculty members and students of our institution have always been passionate about social service and the moment of extreme joy and satisfaction came to us when our 1986th Batch student Dr. Dhananjay Diwakar Sagdev received Padmashree for his exemplary selfless health care service in Wayanad, Kerela.

Our commitment and dedication to social service is yet again reflected in glorious achievements of our students during covid menace in various activities. Our Rotract Club received special appreciation for their participation in the Beat COVID campaign. Our NSS and NCC cadets have also been rendering exemplary service in various spheres. The activities carried out in the neighborhood community are Tree Plantation, Rallies, on various issues, etc., Blood Donation & Sickle Cell Detection Camps, etc. This indicates that we have succeeded to the great extent in sensitizing our students to social issues and building their commitment for the upliftment of society in whichever possible way they can.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/3.3.3-Number-of-extension-and-outreach-programs.pdf
Upload any additional information	View File

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

12

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

41

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

918

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	**No File Uploaded**

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

1

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	*View File*
Any additional information	*View File*
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.

For teaching and learning the institution has facilities as follows:

Classrooms: 18 classrooms 5 with ICT facilities and 11 staff rooms.

Laboratories: There are 15 well equipped laboratories.

Computing Equipment: Computer equipment which includes monitors, keyboards, printers, modems, scanners, pointing devices, and other

computer peripheral equipment, cables and routers available in all the departments.

FOSS facility: This facility is available for students in association with IIT Mumbai. FOSS would offer the students training in emerging areas of technology and keep their knowledge updated.

Botanical Garden: Botanical Garden to enrich the teaching-learning facilities in theory and practical. Aquatic flora and medicinal plant are well maintained in the garden.

Museums: The zoology and botany departments have well-developed museums with rare specimens useful in teaching learning practices and is also used for exhibition.

Fisheries Tank: A well-maintained fisheries tank where the students study different types of fishes.

Composting area: An area with partial sun and shadeis available in college premises for composting.

Additional Infrastructure: The entire campus is under CCTV surveillance for security and has wi-fi connectivity. ICT-enabled has an ICT enabled rooms, Seminar halls, smart rooms, Conference room and record rooms for various academic activities.

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 produced renowned sports persons and talented students so far. We have our own play area and for some sports we work in tie-ups with other clubs and colleges. On campus facilities are as follows:

Cultural – Depending on the seasons we organize cultural events and mega programmes indoor or outdoor in the campus premises. 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.

College has developed a unique archery practicing range and archers are well supported with a special library for archery maintained in the sports department.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/4.1.2-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/2022/12/4.1.3-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)

4.5299

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)

Library migration is being done with the assistance of IIT Mumbai.

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) and it has a rich collection of around 1900 books, 32 periodicals, more than 500 CDs and 8 daily newspapers.

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.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://www.dharampethscience.com/wp-content/uploads/2022/12/4.2.1-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 **C. Any 2 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)

0.47931

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	View File
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

92

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

The institution has always been quite particular about the IT facilities and was one of the early institutes to sign contracts under Reliance Jio as well as smart city projects. In addition, we provide the net through the fiber optics and we have adequate number of connections and broadband speed. We upgrade for higher data plans and higher speed.

The institution has so far conducted the online examinations and admissions process most effectively and always completed these serious tasks within time which can be considered as abundant proof of adequacy of our plans.

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.

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

4.3.2 - Number of Computers

114

File Description	Documents
Upload any additional information	**No File Uploaded**
Student – computer ratio	<u>View File</u>

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	<u>View File</u>

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)

2.4056

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

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.

Strong maintenance is one of the most appreciated facets of our institution. The institution has a full-fledged Maintenance Department run by the Vocational Department and was appreciated by the NAAC Peer time and was duly noted as one of the strengths of the institution. We consider maintenance as one of our best practices.

In addition to support from the Maintenance Department, we maintain our computers, laptops, license software's, websites and other ICT facilities maintained/upgraded by way of annual maintenance contracts.

Maintenance as a means of saving money and green initiative

Since the last cycle of accreditation our focus was on minimal wastage of water and cost reduction on water usages on the campus. As a best practice we use IIT developed flush-less and odorless product in the male urinals as a result hygiene quality has improved with reduced cost and wastage of water.

In addition to maintenance on campus the department also offers its services for the electricity supply issues to the adopted villages. We repair and restore electricity supply issues for free in the villages where NSS camps are organized.

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

478

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

13

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/2022/12/5.1.3-Capacity-Building-and-Skill-Enhancement-List-of-Activities-and-Reports.pdf
Any additional information	**No File Uploaded**
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

301

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

301

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	View File

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

5

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

34

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

02

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.

20

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	**No File Uploaded**
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)

We offer abundant opportunities to our students to groom themselves as effective leaders in academic as well as extracurricular fields.Leadership qualities are groomed at various levels through the involvement in college committees such as cultural committee, subject associations, organizing department level programmes, games and sports, including dance, drama and debate events etc. They are given roles in the various committees such as Student Council, Administrative Advisory Committee, Green Campus Committee and College Development Cell etc. In 2021-2022 Ms. Sanchita Puntambekar and Ms. Nandini Hadge, were students'

representative in CDC and Administrative Advisory Committee respectively. Annual Cultural event; Urja 2122 was conducted under which various competitions were organized. The Rotaract club activities based on different themes fetched the club distinguished awards bestowed by District Rotaract and District Rotary. The sports department have received accolades by clinching awards including 3 Gold Medals and Overall Women Championship and 1 Gold and 2 Silver Medals in Skating competition by Ms. Janvhi Kadu. Achievements in Athletics and Table Tennis were also bagged by Mr. Shreyas Chatte and Mr. Vaibhav Rane.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/5.3.2-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 Alumni Association members have contributed to the institution through several direct and indirect ways. Our alumni approach as

time and again for placement drives for the companies they work with. Alumni has helped greatly in setting up Rotaract College Club on campus and have conducted number of social service-oriented activities involving students. Through the club number of personality development activities are conducted and students are given visibility for their constructive contribution. Alumni were having been a major sources of channelizing CSR funds for the campus projects and it is because of their initiative our Institution is AtmaNirbhar because of solar energy. The registration of Alumni Association is under process.

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

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

Governance of the institution is progressive, vigilant and benevolent towards the welfare of students at the same time. The institution by Dharampeth Education Society at the apex followed by Principal , CDC, IQAC, Department HODs, faculty and other administrative staff. Absolute transparency is maintained with all the stake holders on the financial front. Financial audits are conducted time to time periodically by the education society along with the audits conducted by the government agencies and AG office. The institution regularly conducts academic audits. It is a matter of great pride for us to put on record that all the recruitments are done by the education society without taking donations and purely on merit basis in order to ensure quality teaching fraternity. We make a committed efforts to build holistic profile of students and motivate them for all round development. Our students are doing making efforts to crack IIT Jam exams and

one of the former student Shri. Mrunal Wagh received Raman Research Fellowship in the field of Microbiology. In order to ensure academic global level competence the institution has MOU with IIT Pavai, VNIT, Nagpur and industries like Horiba.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.1.1-The-Governance-of-the-institution-is-reflective-of-and-in-tune-with-the-vision-and-mission-of-the-institution-2.pdf
Upload any additional information	View File

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

Leadership of the institution is participative at every level right from the top management of Dharampeth Education Society to the level of Institution.

Our institution has awardee and acknowledged contributions at every level right from the non-teaching faculty to Administration. We have an awardee employee Mr. Jitendra Wankhade, who was specially appreciated for his work with the Election office by the Hon. Collector, Nagpur District. Dr. Kirti Paturkar was conferred with Best Teacher Award by Sarvodaya Sanstha Nagpur as 5000/ Rs cash prize. The principal of the institution received the prestigious Krushnakumar Gold Medal as the Best Principal for the year 2021-22. These achievements are quite indicative of the ambiance in the institution and the nature of leadership that is decentralized and participative. We execute our plans and activities through department heads, faculty, committee conveners and members. Students are also members in several committees and associations where they play a crucial role in expressing their concerns and give inputs for decision makings.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.1.2-Effective-Leadership.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 institutional strategic and perspective plan is mapped with the vision and mission of the institution and Dharampeth Education Society. Starting new PG programmes was part of the strategic and planning for development of our institution hence this year the institution submitted proposals for M.Sc. Chemistry successfully.

The institution already have M.Sc. Mathematics but as part of development of the department we have successfully applied for the additional section in M.Sc Mathematics. The institution has been focused to get NEP ready and offering excellent curriculum to both the Bio Group as well as Maths group students. In addition to basic degree of BSc the institution has decided to strengthen skills in Bio informatics for the bio students. Further, we decided to strengthen the Maths Group student's curriculum by addition of new courses such as IOT, Mechatronics under Industry 4.0 approach. As per planning a MoU with Vishram Jamdar Siemens Centre, VNIT, Nagpur. Along with our plan to improve academics we also plan to give importance to sports, as a result of proper support plan designed by Dr. Rahul Kelode, our skater Ku. Janhvi Kadu is today captain of the Indian Team heading for Argentina.

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.

Effective and efficient –

The effectiveness and efficiency of the institution is at its best because of coordination right from top to bottom.

We give more stress on working together as a team where we keep our focus on working on well laid out plans.

When COVID forced us to switch online for classes as well as for examinations we immediately formed committee of HODs with chief exam officer to anticipate issues and errors that might happen at students, teachers and university level. Every day soon after the university examination paper we collected data of errors and issues faced by examinees and resolved them at our level where ever possible and also pursued at the university level. As a result of our prompt actions very few students had to face mental stress for no fault from their side.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.2.2-Academic-Administration_page-0001.pdf
Link to Organogram of the Institution webpage	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.2.2-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

Welfare measures of the institution for the teaching and non-teaching staff are very effective and well established through Credit Cooperative Society run by the staff members of the intuition. The cooperative society has 151members and offers loan facilities up to 7 Lac rupees to all the teaching and non-teaching staff members. The institution lost two of its non-teaching employees and is doing everything possible for the bereaved members of their family to get the benefits of jobs on the compassionate ground. Suitable resolutions have already been made by the CDC of the college. The credit cooperative Society is registered body with registration number 151members. The net balance 10, 20,523.99 Rs turnover of the society for the session 21-22 is 127.59 Rs as per the audited statement for the year 2021-2022. Besides regular loan facility an additional emergency loan facility of upto 40,000/- thousand is also available during the menacing time of COVID the society has given Rs. 40,000/ of emergency loan to the members. On the annual day programme the meritorious wards of the members are felicitated. Periodic elections and audits are conducted as per the rules and regulations of the Government

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.3.1-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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
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

1

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

6

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
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

Performance appraisal system for the teaching run by the college effectively. The principal even during the progression of session maintains one to one contact with faculty members and suggests areas for improvements. Faculty and staff are made abundantly clear about the expectations of the institution, administration and management well in advance. They are explained the activities and events to be conducted in tune with the vision and mission of the institution and based on how will the outcomes are achieved the assessment is done.

In spite of massive shortage of staff the faculty members are doing their extreme best to perform all the activities and assignments in time and with glorious outcome.

Appraisal and assessment of the faculty members are done without inflicting humiliation and insult to any of the faculty members. Based on their abilities the faculty are given targets to make achievements in five years.

The appraisal and feedback is based on the authenticity and credibility of the data procured through feedbacks. All feedbacks and assessments are done to make constructive changes rather than for punitive measures with vitiated minds.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.3.5-Institutions-Performance-Appraisal-System.pdf
Upload any additional information	View File

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

```
Internal Audit

Institution meticulously conducts internal and external financial
audits regularly.

Staff is trained in handling Tally and hence maintaining accounts
in an orderly manner has become easy to them.

Weekly statements from the banks are procured and cross tallied
and reconciled with the record of accounts maintained at the
institution level.

External Audit

The Parent Society has appointed and auditing firm for the
periodic assessment of the accounts of all the institutions under
its aegis. The auditing firms every year gives a time frame within
which the members of the firm actually visit office and conducts
rigorous audits in the college itself.

The queries raised are shared with the Head of the Institution and
the Treasurer of the Parent Education Society. The treasure of the
Society CA Shri. Anand Apte personally pays attentions to queries
and resolves them. It is matter of pride to put in record that
there are no negative comments or paras on institution.

The institution have gone through the rigorous financial audits
realized the need of well-trained computer graduates who can
handle Excel in extremely efficient way as per the needs and
requirement of the auditing officers.
```

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.4.1-Internal-Financial-Audit-and-Mechanism.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)

0.56

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
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. Financial stability is pivotal to the institution however because of the COVID menace revenue generation through fees dropped. In spite of it we managed to survive with difficulty and one of the positive note is we managed without inflicting pay cut to any non-grant employee of the institution.

All the resources of the institution are utilized optimally. On weekends different government entrance examinations are conducted throughout the year 2021-2022)

Recommendations are made by the proper purchase committees considering the needs of the institution and suitability of the products For example computer purchases are made entirely based on the expected use. Unnecessary high specifications are not purchased in order to save money.

Maintenance is one of our unique strength through which we not only increase the utility of products but we also save immense amount of money. Last year maintenances department rendered valuable services to the institution.

Another ways saving on money is bulk purchases of stationary items required frequently.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.4.3-Institutional-strategies-for-mobilization-of-funds.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 this year has been focused on understanding the needs and requirements of NEP. Accordingly some of our primary concerns were broadening the choice for students, strengthen the curriculum offered, smoothen online academic activities.

We conducted number of workshops on NEP. We formed a cluster of some urban and rural institutions and organized FDP and other events related to quality concerns.

IQAC has collected data efficiently and submitted the AQARs in time during all these years. The data collection this year is also in time and is expected to contribute constructively.

Our initiatives for feedbacks are effective and based on the suggestions of the students we have changed ad adopted some courses.

The Bio group students are nicely channeled with the introduction of a certificate course in Mushroom Cultivation. IQAC is considering expanding the options along the lines of Industry 4.0 approach for the Mathematics group students. Through the IQAC members follow-up of courses is done regularly.

Our strategies to involve more and more students in relevant programms and courses is successful and appreciated by the

management and stake holders.

Another practice institutionalized by IQAC is auditing and cross verification of documents submitted online by the faculty members and heads.

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

This is the Fourth Cycle of our institution and as compared to the 3rd cycle or any of the earlier cycle we have progressed in every key area indicated by the 7 seven criteria.

Out teaching and learning process is fairly robust, output oriented and accommodate various ways and approaches.

We are among the very unique ones who managed to sign MOUs with Horiba and VRJ Siemen's Center of Excellence VNIT and successfully hailed in the ambiance of and Industry 4.0 approach.

Example I:

Certificate Courses available to our students-

Our courses now are far unique than our earlier cycles and we are the first one in introduce Industry 4.0 courses of Siemens global level facility. This particular center is one of the top 4 in India. This in general has created an atmosphere of industry awareness on our campus.

Example II:

Many students dream of a banking career hence we developed a very specific courses which is duly approved by Jeevan Shikshan Abhiyan of R. T. M Nagpur University, Nagpur and students are getting offers from the CA firms. Story of this particular courses titled Excel for Banking and Accounts is very interesting and it has excellent response today.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.5.2-Institution-reviews-and-Incremental.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/2022/12/6.5.3-Annual-Reports-of-Institution-2021-22-1.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

- **An annual sensitization programme is conducted for students to ensure they understand the dos and don'ts of dressing provocatively while on campus.**
- **The campus is like a gated community campus with cameras, security guards and adequate vigilance of faculty and administrative staff. Students' insurance so that in case of physical injury on the sports filed or while commuting to**

the institution can be covered. Besides the women officer's team of Damini Pathak of Police Department frequently visits campus and conducts awareness campaigns.

- The admissions committee advises students about the syllabi and provide information regarding the career-oriented certificate courses.
- Common room facility is available on campus and is equipped with dispensing machines, change room and toilet facilities especially for women.
- We do not have a dedicated arena marked on campus but if there was a need the college will surely make the post-natal care easy through day care centers.
- We celebrate special days of woman hood, we have adequate number of women in staffroom, administration, student bodies, games and sports and cultural events who in general lead boys and girls as well.

File Description	Documents
Annual gender sensitization action plan	https://www.dharampethscience.com/wp-content/uploads/2022/12/7.1.1-Annual-Gender-sensitization-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/2022/12/7.1.1-Specific-facilities-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 institute has containers for solid waste collection which is properly disposed-off as per the rules of Nagpur Corporation.**
- **Physics Department solicits domestic electronic garbage from interested parties, including obsolete mobile phone chargers and other similar devices in order to reuse them. We have outdated computers, instruments, and other equipment that we donate to a recycling company since they can no longer be serviced. They offer carbon footprint certification. The Department is also collecting plastic garbage such as cans, bottles, and food container containers and reusing them, with a minimal amount of labor and materials, to plant indoor/domestic plants. The participants were then given the planters to utilize. Special workshops are organized to fix damaged experiment kits involving students, and the same are utilized to design new laboratory equipment. Students from the last year participate in the activity in order to enhance their skills and become independent.**
- **The domestic garbage, including food scraps and plant debris, is composted by worms in vermicomposting pits or tanks for biodegradation.**
- **Chemical waste is diluted before being sent to the drainage system, and bio-medical waste is disposed of with care. We have MoU for proposal disposal of bio waste.**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	https://www.dharampethscience.com/wp-content/uploads/2022/12/7.1.3-Facilities-in-the-Institution.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: **A. Any 4 or All of the above**

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**

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   **A. Any 4 or all 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	View File

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).

- **We provide inclusive environment with utter harmony and tolerance towards cultural, regional, linguistic, communal socioeconomic and other diversities. Some of our minority students have been listed in the merit list of university a fact indicative of how we groom all the students with same intensity and motivation. We celebrate special occasions to show respect for different cultures and minorities.**
- **We have uniform for all the students so that all the student look alike. For extremely difficult economic background students we ask the supplier to provide uniforms free of cost. No case of ours with valid documentation has failed or been dismissed by authorities. The success rate of scholarship applications is extremely high.**
- **We are aware that students have diverse learning needs so our departments offer divers student experiences and depending on their diverse interest we have a wide range of add on and skill development programme. We have special Women Development Cell and we conduct gender sensitization programmes on campus. Girls are given adequate opportunity**

to take leading roles in various committees and participate in decision making. We are in process of Industry 4.0 courses with Vishram Jamdar Siemens Centre accommodates about 7 areas of interests of our students.

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 institution makes all round efforts to inculcate human values and professional ethics among students and all the stake holders. All the national days are celebrated in the Institution. Through several programmes and activities conducted by the college NCC, NSS & Rotract Club/ Units immense efforts are made to embed values, rights and duties and responsibilities in students. Through the cluster institutions we conduct special workshops on professional ethics. IPR training sessions and workshops are commonplace in our institution. To help students learn how to avoid plagiarism, faculty have created materials. Fresh students' induction course places a lot of emphasis on maintaining discipline in both academic and extracurricular activities. The total number of people who have been tested for sickle cell awareness this year is 165. Our Zoology department has identified people who can now recognize these problems and prevent them from occurring in the future. Because we believe in detecting them early in this drive, we typically administer these tests to premarital state persons, adolescents, and children.

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 **A. All of the above**
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

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	**No File Uploaded**

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

Yes, the Institute observes/celebrates numerous commemorative occasions in addition to Independence Day and Republic Day, such as Constitution Day, Dr. Babasaheb Ambedkar Jayanti, Chhatrapati Shivaji Maharaj Jayanti, Mahatma Gandhi Jayanti, Swami Vivekananda Jayanti, Guru Pournima, Teacher's Day, National Science Day, Dahashatwad Virodhi Diwas, Oath and Preamble of constitution reading, International Day of Yoga, etc., each year to foster moral and intellectual development among the stakeholders. Our Parent Education society is founded in 1928 and every year we celebrate foundation day.

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.

1. As a part of Golden Jubilee celebration of the Institute, we have initiated the Golden Jubilee Science Lecture Series. We invite renowned scientist from the field of science and technology for direct interaction with students and staff which generates positivity, motivation and research interest among them. The first lecture was with Padma Bhushan Dr.Vijay Bhatkar (Padma-Shree), Hon'ble, Chancellor, Nalanda University on the topic of 'Empowering Minds' on Dec.22, 2019. The second lecture was during the COVID times on virtual Interface with Prof. N. C. Shivaprakash, IISc, Bangalore on Nov.20, 2021 and recently, Hon'ble Dr. Shekhar C. Mande, Director General, CSIR, Ministry of Science and Technology, Govt. of India on Feb.05, 2022.

2. The Rotaract Club is a forum for students to hone their personal, social, academic and employability skills. Under various domains like community service, club service, vocational and professional service, youth service, the members of the club design activities and execute them in-house, inter-collegiate, district, and international levels. The club has won recognition and students display motivation and complete dedication in projects. The club has won 13 District Level and 1 International awards in the year 2021-2022 by either conducting or participating in more than 30 activities.

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 college has chosen to make vermi-composting a top priority and thrust area because it is in the Vidarbha Region, which is plagued by disaster and difficulty for farmers. Various opportunities for engagement can be seen in this challenge. The vermi-composting initiative is utilized in a variety of ways, including:

- Direct experience teaching and learning opportunities for students making manure out of campus green waste.
- Students get the chance to take part in a research project and also publish their findings in journals.
- To encourage creativity and the development of new ideas, we've established a special Vermi-compost mentorship group. Dr. Maitre, a prominent BARC scientist, is the mentor for our project, which makes use of a BARC-developed carbon measurement tool.
- To expose our pupils to the realities of rural living, we encourage the vermi-compost group students to participate in specially organized camps in rural regions.
- The institution is going to be ready with the INDUSTRY 4.0 approach. We are going to establish a tie-up with Vishram Jamdar Siemens Center of Excellence, VNIT, Nagpur. VNIT students are getting training in 6 highly advanced integrated courses such as IOT and Reverse Engineering.

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

We ensure effectiveness in delivery of the curriculum through different modes. Annual plans are made in advance at the beginning of the academic session. Most of the faculties are members of BOS. The curriculum delivery is stimulated 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. Academic experts guide new entrants regarding their batches, timetables, syllabi and curriculum. We accommodate students' choices for the certificate courses as much as possible.

The effectiveness of the curriculum enhanced by successful integration of ICT in the teaching learning methodologies. The efforts of the institution have been much appreciated by IIT Spoken Tutorial National Coordinator. The institution runs 19 certificate courses specially designed as per the needs of the students and are approved from the University Authorities. Our courses are also mapped with syllabi and are started within one month from the date of approval from the university. Credit based grades are given to the students and the process is documented at every stage.

It is a matter of institutional achievement that 04 skill-based courses modified the syllabi this year.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

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

Continuous Internal Evaluation is made by each department based on the students' involvement and performance in the activities

such as class tests/unit tests, home assignment, attendance, seminars, quizzes, attentiveness and involvement in various academic as well as socially oriented activities.

The institutional calendar for the certificate courses, remedial classes and bridge courses is scheduled and adjusted with the primary university calendar.

We plan quizzes, bridge courses and aptitude tests at the beginning of the session to get some understanding of the students. Students are given clear ideas about the method used for internal assessments.

As compared to earlier sessions about half of the session was conducted offline with relaxed restrictions and adhering to academic calendar became less challengeable. However, in view of students' unavoidable difficulties and the menacing times flexibility was allowed to the students within the preview of laws and restriction.

At the initial stage the college could not give filed based assignments to the students because of restrictions.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

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)

19

File Description	Documents
Any additional information	[View File](#)
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

1019

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

during the year

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

We deal with the crosscutting issues by organizing –

- Free sickle cell anemia detection camp for students and society regularly.
- Webinars by woman's cell on "challenges of womanhood" and "paradigm shift in gender rules" awareness program for pregnant woman by Rotract club.
- Department of Zoology organized workshop on nutritional waste management and run activities like vermicomposting, artificial bird nesting throughout the year.
- Department of physics organized workshop on reuse of plastic.
- Tree plantation program organized by botany department and NSS regularly.
- Bicycles were made available on campus to students.
- All the SYBSc students have compulsory paper on Environmental Studies.
- In Zoology, sex determination, IVF techniques are taught which addresses gender discrimination issues.
- 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.
- In Home Science, Human behavior and Human values are taught in child development, Extension and Education.
- College donated old newspapers to an NGO, Malhar Foundation who helps destitute women to earn their

livelihood.

File Description	Documents
Any additional information	**No File Uploaded**
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

3

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

105

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	**A. All 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/2022/12/1.4.1-and-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

730

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 use various indicators to understand the learning levels of students in addition to their performance in the qualifying examinations. We avoid forming impressions based on the merit list of students and try to understand students' interests and performance in class tests, assignments, student centric activities, classroom interactions. We assess students based on their ability to ask questions as well as ability to frame questions on the classroom content.

Miss. Janhvi Kadu, captain of the Indian Skating team is supported by a senior student.

We accommodate learning needs of advanced learners and slow learners by offering abundant choice to students from simple courses to difficult ones. Advance learners appear for the higher level courses of IIT Spoken Tutorials, Infosys and RTMNU.

Vishram Jamdar Siemens Center of Excellence, VNIT which is one of highly advanced facilities in India offers courses that require Higher Order Thinking. We are interacting with this institute to sign MoU to provide certificate courses to the final year students. So that they can become industry ready and highly employable candidates in future.

We organize quiz competitions, debates, discussions, ppt competitions, simulations, excursions, project based activities for students to accommodate the needs of the slow and advanced

learners.

File Description	Documents
Link for additional Information	https://www.dharampethscience.com/wp-content/uploads/2022/12/2.2.1-Aptitude-test-21-22.docx.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
901	15

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

We support our traditional classroom teaching method with student centric activities and assignments. We have a number of facilities such as Botanical Garden, Museums, Vermicomposting Project and Fisheries Project to cater to the needs of experiential learning.

We conduct quizzes and aptitude tests on campus and also promote students to participate in various competitions organized by our as well as other institutions. Open access educational resources are used by the teachers to support the teaching and learning process. We encourage students' creativity, innovative ideas and problem solving skills. On campus we are providing 10 certificate courses under Jeevan Shikshan Abhiyan, Department of Life Long Learning, RTMNU, Nagpur; certificate and diploma course in Bioinformatics (COC) approved by UGC and 7 certificate courses under IIT spoken.

Our Curriculum is appropriately modified and offer highly enriching experiences to the students. Soon our students will be acquiring global level skills through our MoU with Vishram Jamdar Siemens Center of Excellence, VNIT, Nagpur.

We invite renowned scientist Series and highly acclaimed researchers to trigger creativity and innovation of students on the occasion of Golden Jubilee Lecture Series organized by our institution.

File Description	Documents
Upload any additional information	[View File]()
Link for additional information	**Nil**

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/2022/12/2.3.2-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

`15`

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

`15`

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

`13`

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

305

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.

All the instructions are given well in advance to maintain transparency in the internal assessment of the students. We start giving instructions about the assessment right at the time of the induction programme and continue it throughout the year. The internal assessment of the student is done by the institute as per the directions provided by RTMNU, Nagpur. 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.

For internal assessment of the students we organize student seminars, class test, assignments, study tours/ field visits, etc.

It is indeed a matter of great pride for us that during the COVID-19 pandemics our students of computer science under the guidance of Mrs. Ruma Kapre, developed an online portal to handle assignment and tests and they even resolved the issues and errors in the functioning of the program.

File Description	Documents
Any additional information	View File
Link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/2.5.1-Class-Test-21-22.docx.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:

We have special sessions after each unit test to reveal correct answers of all the test questions. We declare the results of the internal examinations within a couple of days. Internals are conducted in both the offline and online mode.

The tests in Google Forms consisted mainly of multiple choice questions (MCQ). Calculate the average score of test exams and unit tests conducted by department and shared with students. Deviation if any in the result or marks allotted is corrected immediately.

Assignments:

Faculty evaluates assignments based on the rubric which is also shared with the students well in advance. 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 during covid-19 pandemics.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/2.5.2-Grievances-Regarding-Examination.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.

- Our admissions committee members do counseling and advise students about the programmes, courses and the add on components that boost their profiles in a very strategic manner. Committee informs students about the different available groups and possible combinations of courses available within the UG programme.

- As the college comes under the purview of the university, the specific program outcomes and course outcomes that are outlined by the university are implemented by the college and it tries to attain them in best possible manner.

- However, our add-on courses, skill development courses complement the university delineations and strengthen the attributes of our graduates in unique ways. The institution offers UG Programme with 9 different groups, PG in Mathematics and an extraordinary number of add-on courses that are in utter unison with the vision and mission of the parent Dharampeth Education Society.
- The college offers two programs, UG science & Home Science and PG in mathematics. In addition to these 19 online short-term skill-based certificate courses.
- Students are informed about POs, COs and PSOs in the student's induction programs again after the initial counseling by the committee and it is also available on College website.

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

- Attainment of outcomes is taken seriously by our institution. We review our systems and processes quite frequently and always try to be prompt in correcting ourselves. We are focused on enhancing students' experience on campus through several ways and hence, evaluate the performances of students in all the

programmes and courses offered in our institution. Feedbacks from stakeholders are used to understand the gaps in our executions.

- For example after thorough discussions we changed a few courses we offered during the previous session and brought in some courses that according to our estimates were more useful to the students.
- We are sending out our students with better skills than before and we ensure that only the good is extended to the students. We give topmost priority to students feedback as they are cardinal to the entire system. Evaluation from the stake holders is taken into consideration and it's relevance and mapping with the vision and mission of the institution is ensured at every stage when major or minor changes are introduced at our end.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://assessmentonline.naac.gov.in/storage/app/public/aqar/22897/22897_26_55.pdf?1671822942

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

329

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/2022/12/2.6.3-Annual-Reports-and-Subject-wise-Result.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/2022/12/2.7.1-Student-Satisfaction-Report.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)

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

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

32

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

7

File Description	Documents
Any additional information	View File
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

4

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

Inculcating humane values and concern for society in general is one of the major concerns of our institution since last fifty long years. In fact, the institution and the education society came into being with the cardinal mission of giving to society. The founding fathers, faculty members and students of our institution have always been passionate about social service and the moment of extreme joy and satisfaction came to us when our 1986th Batch student Dr. Dhananjay Diwakar Sagdev received Padmashree for his exemplary selfless health care service in Wayanad, Kerela.

Our commitment and dedication to social service is yet again reflected in glorious achievements of our students during covid menace in various activities. Our Rotract Club received special appreciation for their participation in the Beat COVID campaign. Our NSS and NCC cadets have also been rendering exemplary service in various spheres. The activities carried out in the neighborhood community are Tree Plantation, Rallies, on various issues, etc., Blood Donation & Sickle Cell Detection Camps, etc. This indicates that we have succeeded to the great extent in sensitizing our students to social issues and building their commitment for the upliftment of society in whichever possible way they can.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/3.3.3-Number-of-extension-and-outreach-programs.pdf
Upload any additional information	View File

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

12

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

41

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

918

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	**No File Uploaded**

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

1

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	[View File](#)
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.

For teaching and learning the institution has facilities as follows:

Classrooms: 18 classrooms 5 with ICT facilities and 11 staff rooms.

Laboratories: There are 15 well equipped laboratories.

Computing Equipment: Computer equipment which includes monitors, keyboards, printers, modems, scanners, pointing devices, and other computer peripheral equipment, cables and routers available in all the departments.

FOSS facility: This facility is available for students in association with IIT Mumbai. FOSS would offer the students training in emerging areas of technology and keep their knowledge updated.

Botanical Garden: Botanical Garden to enrich the teaching-learning facilities in theory and practical. Aquatic flora and medicinal plant are well maintained in the garden.

Museums: The zoology and botany departments have well-developed museums with rare specimens useful in teaching learning practices and is also used for exhibition.

Fisheries Tank: A well-maintained fisheries tank where the students study different types of fishes.

Composting area: An area with partial sun and shadeis available in college premises for composting.

Additional Infrastructure: The entire campus is under CCTV surveillance for security and has wi-fi connectivity. ICT-enabled has an ICT enabled rooms, Seminar halls, smart rooms, Conference room and record rooms for various academic activities.

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 produced renowned sports persons and talented students so far. We have our own play area and for some sports we work in tie-ups with other clubs and colleges.

```
On campus facilities are as follows:

Cultural - Depending on the seasons we organize cultural events
and mega programmes indoor or outdoor in the campus premises.
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.

College has developed a unique archery practicing range and
archers are well supported with a special library for archery
maintained in the sports department.
```

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/4.1.2-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/2022/12/4.1.3-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)

4.5299

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)

Library migration is being done with the assistance of IIT Mumbai.

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) and it has a rich collection of around 1900 books, 32 periodicals, more than 500 CDs and 8 daily newspapers.

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

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://www.dharampethscience.com/wp-content/uploads/2022/12/4.2.1-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	C. Any 2 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)

0.47931

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	[View File](#)
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

92

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

The institution has always been quite particular about the IT facilities and was one of the early institutes to sign contracts under Reliance Jio as well as smart city projects. In addition, we provide the net through the fiber optics and we have adequate number of connections and broadband speed. We upgrade for higher data plans and higher speed.

The institution has so far conducted the online examinations and admissions process most effectively and always completed these serious tasks within time which can be considered as abundant proof of adequacy of our plans.

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.

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

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)

2.4056

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.

Strong maintenance is one of the most appreciated facets of our institution. The institution has a full-fledged Maintenance Department run by the Vocational Department and was appreciated by the NAAC Peer time and was duly noted as one of the strengths of the institution. We consider maintenance as one of our best practices.

In addition to support from the Maintenance Department, we maintain our computers, laptops, license software's, websites and other ICT facilities maintained/upgraded by way of annual maintenance contracts.

Maintenance as a means of saving money and green initiative

Since the last cycle of accreditation our focus was on minimal wastage of water and cost reduction on water usages on the campus. As a best practice we use IIT developed flush-less and odorless product in the male urinals as a result hygiene quality has improved with reduced cost and wastage of water.

In addition to maintenance on campus the department also offers its services for the electricity supply issues to the adopted villages. We repair and restore electricity supply issues for free in the villages where NSS camps are organized.

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

478

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

13

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	**A. All of the above**

hygiene) ICT/computing skills

File Description	Documents
Link to institutional website	https://www.dharampethscience.com/wp-content/uploads/2022/12/5.1.3-Capacity-Building-and-Skill-Enhancement-List-of-Activities-and-Reports.pdf
Any additional information	**No File Uploaded**
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

301

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

301

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	View File

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

5

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

34

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

02

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.

20

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded
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)

We offer abundant opportunities to our students to groom themselves as effective leaders in academic as well as extracurricular fields.Leadership qualities are groomed at various levels through the involvement in college committees such as cultural committee, subject associations, organizing department level programmes, games and sports, including dance, drama and debate events etc. They are given roles in the various committees such as Student Council, Administrative Advisory Committee, Green Campus Committee and College Development Cell etc. In 2021-2022 Ms. Sanchita Puntambekar and

Ms. Nandini Hadge, were students' representative in CDC and Administrative Advisory Committee respectively. Annual Cultural event; Urja 2122 was conducted under which various competitions were organized. The Rotaract club activities based on different themes fetched the club distinguished awards bestowed by District Rotaract and District Rotary. The sports department have received accolades by clinching awards including 3 Gold Medals and Overall Women Championship and 1 Gold and 2 Silver Medals in Skating competition by Ms. Janvhi Kadu. Achievements in Athletics and Table Tennis were also bagged by Mr. Shreyas Chatte and Mr. Vaibhav Rane.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/5.3.2-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 Alumni Association members have contributed to the institution through several direct and indirect ways. Our alumni approach as time and again for placement drives for the companies they work with. Alumni has helped greatly in setting up Rotaract College Club on campus and have conducted number of social service-oriented activities involving students. Through the club number of personality development activities are conducted and students are given visibility for their constructive contribution. Alumni were having been a major sources of channelizing CSR funds for the campus projects and it is because of their initiative our Institution is AtmaNirbhar because of solar energy. The registration of Alumni Association is under process.

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

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

Governance of the institution is progressive, vigilant and benevolent towards the welfare of students at the same time. The institution by Dharampeth Education Society at the apex followed by Principal , CDC, IQAC, Department HODs, faculty and other administrative staff. Absolute transparency is maintained with all the stake holders on the financial front. Financial audits are conducted time to time periodically by the education society along with the audits conducted by the government agencies and AG office. The institution regularly conducts academic audits. It is a matter of great pride for us to put on record that all the recruitments are done by the education

society without taking donations and purely on merit basis in order to ensure quality teaching fraternity. We make a committed efforts to build holistic profile of students and motivate them for all round development. Our students are doing making efforts to crack IIT Jam exams and one of the former student Shri. Mrunal Wagh received Raman Research Fellowship in the field of Microbiology. In order to ensure academic global level competence the institution has MOU with IIT Pavai, VNIT, Nagpur and industries like Horiba.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.1.1-The-Governance-of-the-institution-is-reflective-of-and-in-tune-with-the-vision-and-mission-of-the-institution-2.pdf
Upload any additional information	View File

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

Leadership of the institution is participative at every level right from the top management of Dharampeth Education Society to the level of Institution.

Our institution has awardee and acknowledged contributions at every level right from the non-teaching faculty to Administration. We have an awardee employee Mr. Jitendra Wankhade, who was specially appreciated for his work with the Election office by the Hon. Collector, Nagpur District. Dr. Kirti Paturkar was conferred with Best Teacher Award by Sarvodaya Sanstha Nagpur as 5000/ Rs cash prize. The principal of the institution received the prestigious Krushnakumar Gold Medal as the Best Principal for the year 2021-22. These achievements are quite indicative of the ambiance in the institution and the nature of leadership that is decentralized and participative. We execute our plans and activities through department heads, faculty, committee conveners and members. Students are also members in several committees and associations where they play a crucial role in expressing their concerns and give inputs for decision makings.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.1.2-Effective-Leadership.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 institutional strategic and perspective plan is mapped with the vision and mission of the institution and Dharampeth Education Society. Starting new PG programmes was part of the strategic and planning for development of our institution hence this year the institution submitted proposals for M.Sc. Chemistry successfully.

The institution already have M.Sc. Mathematics but as part of development of the department we have successfully applied for the additional section in M.Sc Mathematics. The institution has been focused to get NEP ready and offering excellent curriculum to both the Bio Group as well as Maths group students. In addition to basic degree of BSc the institution has decided to strengthen skills in Bio informatics for the bio students. Further, we decided to strengthen the Maths Group student's curriculum by addition of new courses such as IOT, Mechatronics under Industry 4.0 approach. As per planning a MoU with Vishram Jamdar Siemens Centre, VNIT, Nagpur. Along with our plan to improve academics we also plan to give importance to sports, as a result of proper support plan designed by Dr. Rahul Kelode, our skater Ku. Janhvi Kadu is today captain of the Indian Team heading for Argentina.

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.

Effective and efficient –

The effectiveness and efficiency of the institution is at its best because of coordination right from top to bottom.

We give more stress on working together as a team where we keep our focus on working on well laid out plans.

When COVID forced us to switch online for classes as well as for examinations we immediately formed committee of HODs with chief exam officer to anticipate issues and errors that might happen at students, teachers and university level. Every day soon after the university examination paper we collected data of errors and issues faced by examinees and resolved them at our level where ever possible and also pursued at the university level. As a result of our prompt actions very few students had to face mental stress for no fault from their side.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.2.2-Academic-Administration_page-0001.pdf
Link to Organogram of the Institution webpage	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.2.2-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

Welfare measures of the institution for the teaching and non-teaching staff are very effective and well established through Credit Cooperative Society run by the staff members of the intuition. The cooperative society has 151members and offers loan facilities up to 7 Lac rupees to all the teaching and non-teaching staff members. The institution lost two of its non-teaching employees and is doing everything possible for the bereaved members of their family to get the benefits of jobs on the compassionate ground. Suitable resolutions have already been made by the CDC of the college. The credit cooperative Society is registered body with registration number 151members. The net balance 10, 20,523.99 Rs turnover of the society for the session 21-22 is 127.59 Rs as per the audited statement for the year 2021-2022. Besides regular loan facility an additional emergency loan facility of upto 40,000/- thousand is also available during the menacing time of COVID the society has given Rs. 40,000/ of emergency loan to the members. On the annual day programme the meritorious wards of the members are felicitated. Periodic elections and audits are conducted as per the rules and regulations of the Government

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.3.1-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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
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

1

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

6

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
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

Performance appraisal system for the teaching run by the college effectively. The principal even during the progression of session maintains one to one contact with faculty members and suggests areas for improvements. Faculty and staff are made abundantly clear about the expectations of the institution, administration and management well in advance. They are explained the activities and events to be conducted in tune with the vision and mission of the institution and based on how will the outcomes are achieved the assessment is done.

In spite of massive shortage of staff the faculty members are doing their extreme best to perform all the activities and assignments in time and with glorious outcome.

Appraisal and assessment of the faculty members are done without inflicting humiliation and insult to any of the faculty members. Based on their abilities the faculty are given targets to make achievements in five years.

The appraisal and feedback is based on the authenticity and credibility of the data procured through feedbacks. All feedbacks and assessments are done to make constructive changes rather than for punitive measures with vitiated minds.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.3.5-Institutions-Performance-Appraisal-System.pdf
Upload any additional information	View File

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

Internal Audit

Institution meticulously conducts internal and external financial audits regularly.

Staff is trained in handling Tally and hence maintaining accounts in an orderly manner has become easy to them.

Weekly statements from the banks are procured and cross tallied and reconciled with the record of accounts maintained at the institution level.

External Audit

The Parent Society has appointed and auditing firm for the periodic assessment of the accounts of all the institutions under its aegis. The auditing firms every year gives a time frame within which the members of the firm actually visit office and conducts rigorous audits in the college itself.

The queries raised are shared with the Head of the Institution and the Treasurer of the Parent Education Society. The treasure of the Society CA Shri. Anand Apte personally pays attentions to queries and resolves them. It is matter of pride to put in record that there are no negative comments or paras on institution.

The institution have gone through the rigorous financial audits realized the need of well-trained computer graduates who can handle Excel in extremely efficient way as per the needs and requirement of the auditing officers.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.4.1-Internal-Financial-Audit-and-Mechanism.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)

0.56

File Description	Documents
Annual statements of accounts	View File
Any additional information	**No File Uploaded**
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. Financial stability is pivotal to the institution however because of the COVID menace revenue generation through fees dropped. In spite of it we managed to survive with difficulty and one of the positive note is we managed without inflicting pay cut to any non-grant employee of the institution.

All the resources of the institution are utilized optimally. On weekends different government entrance examinations are conducted throughout the year 2021-2022)

Recommendations are made by the proper purchase committees considering the needs of the institution and suitability of the products For example computer purchases are made entirely based on the expected use. Unnecessary high specifications are not

purchased in order to save money.

Maintenance is one of our unique strength through which we not only increase the utility of products but we also save immense amount of money. Last year maintenances department rendered valuable services to the institution.

Another ways saving on money is bulk purchases of stationary items required frequently.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.4.3-Institutional-strategies-for-mobilization-of-funds.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 this year has been focused on understanding the needs and requirements of NEP. Accordingly some of our primary concerns were broadening the choice for students, strengthen the curriculum offered, smoothen online academic activities.

We conducted number of workshops on NEP. We formed a cluster of some urban and rural institutions and organized FDP and other events related to quality concerns.

IQAC has collected data efficiently and submitted the AQARs in time during all these years. The data collection this year is also in time and is expected to contribute constructively.

Our initiatives for feedbacks are effective and based on the suggestions of the students we have changed ad adopted some courses.

The Bio group students are nicely channeled with the introduction of a certificate course in Mushroom Cultivation. IQAC is considering expanding the options along the lines of Industry 4.0 approach for the Mathematics group students. Through the IQAC members follow-up of courses is done regularly.

Our strategies to involve more and more students in relevant programms and courses is successful and appreciated by the management and stake holders.

Another practice institutionalized by IQAC is auditing and cross verification of documents submitted online by the faculty members and heads.

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

This is the Fourth Cycle of our institution and as compared to the 3rd cycle or any of the earlier cycle we have progressed in every key area indicated by the 7 seven criteria.

Out teaching and learning process is fairly robust, output oriented and accommodate various ways and approaches.

We are among the very unique ones who managed to sign MOUs with Horiba and VRJ Siemen's Center of Excellence VNIT and successfully hailed in the ambiance of and Industry 4.0 approach.

Example I:

Certificate Courses available to our students-

Our courses now are far unique than our earlier cycles and we are the first one in introduce Industry 4.0 courses of Siemens global level facility. This particular center is one of the top 4 in India. This in general has created an atmosphere of industry awareness on our campus.

Example II:

Many students dream of a banking career hence we developed a very specific courses which is duly approved by Jeevan Shikshan Abhiyan of R. T. M Nagpur University, Nagpur and students are

getting offers from the CA firms. Story of this particular courses titled Excel for Banking and Accounts is very interesting and it has excellent response today.

File Description	Documents
Paste link for additional information	https://www.dharampethscience.com/wp-content/uploads/2022/12/6.5.2-Institution-reviews-and-Incremental.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/2022/12/6.5.3-Annual-Reports-of-Institution-2021-22-1.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

- **An annual sensitization programme is conducted for**

- students to ensure they understand the dos and don'ts of dressing provocatively while on campus.
- The campus is like a gated community campus with cameras, security guards and adequate vigilance of faculty and administrative staff. Students' insurance so that in case of physical injury on the sports filed or while commuting to the institution can be covered. Besides the women officer's team of Damini Pathak of Police Department frequently visits campus and conducts awareness campaigns.
- The admissions committee advises students about the syllabi and provide information regarding the career-oriented certificate courses.
- Common room facility is available on campus and is equipped with dispensing machines, change room and toilet facilities especially for women.
- We do not have a dedicated arena marked on campus but if there was a need the college will surely make the post-natal care easy through day care centers.
- We celebrate special days of woman hood, we have adequate number of women in staffroom, administration, student bodies, games and sports and cultural events who in general lead boys and girls as well.

File Description	Documents
Annual gender sensitization action plan	https://www.dharampethscience.com/wp-content/uploads/2022/12/7.1.1-Annual-Gender-sensitization-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/2022/12/7.1.1-Specific-facilities-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 institute has containers for solid waste collection which is properly disposed-off as per the rules of Nagpur Corporation.**
- **Physics Department solicits domestic electronic garbage from interested parties, including obsolete mobile phone chargers and other similar devices in order to reuse them. We have outdated computers, instruments, and other equipment that we donate to a recycling company since they can no longer be serviced. They offer carbon footprint certification. The Department is also collecting plastic garbage such as cans, bottles, and food container containers and reusing them, with a minimal amount of labor and materials, to plant indoor/domestic plants. The participants were then given the planters to utilize. Special workshops are organized to fix damaged experiment kits involving students, and the same are utilized to design new laboratory equipment. Students from the last year participate in the activity in order to enhance their skills and become independent.**
- **The domestic garbage, including food scraps and plant debris, is composted by worms in vermicomposting pits or tanks for biodegradation.**
- **Chemical waste is diluted before being sent to the drainage system, and bio-medical waste is disposed of with care. We have MoU for proposal disposal of bio waste.**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://www.dharampethscience.com/wp-content/uploads/2022/12/7.1.3-Facilities-in-the-Institution.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

A. Any 4 or all 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	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment 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

A. Any 4 or all of the above

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).

- **We provide inclusive environment with utter harmony and tolerance towards cultural, regional, linguistic, communal socioeconomic and other diversities. Some of our minority students have been listed in the merit list of university a fact indicative of how we groom all the students with same intensity and motivation. We celebrate special occasions to show respect for different cultures and minorities.**
- **We have uniform for all the students so that all the student look alike. For extremely difficult economic background students we ask the supplier to provide uniforms free of cost. No case of ours with valid documentation has failed or been dismissed by authorities. The success rate of scholarship applications is extremely high.**
- **We are aware that students have diverse learning needs so our departments offer divers student experiences and depending on their diverse interest we have a wide range of add on and skill development programme. We have special Women Development Cell and we conduct gender sensitization programmes on campus. Girls are given adequate opportunity to take leading roles in various committees and participate in decision making. We are in process of Industry 4.0 courses with Vishram Jamdar Siemens Centre accommodates about 7 areas of interests of our students.**

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 institution makes all round efforts to inculcate human values and professional ethics among students and all the stake holders. All the national days are celebrated in the Institution. Through several programmes and activities

conducted by the college NCC, NSS & Rotract Club/ Units immense efforts are made to embed values, rights and duties and responsibilities in students. Through the cluster institutions we conduct special workshops on professional ethics. IPR training sessions and workshops are commonplace in our institution. To help students learn how to avoid plagiarism, faculty have created materials. Fresh students' induction course places a lot of emphasis on maintaining discipline in both academic and extracurricular activities. The total number of people who have been tested for sickle cell awareness this year is 165. Our Zoology department has identified people who can now recognize these problems and prevent them from occurring in the future. Because we believe in detecting them early in this drive, we typically administer these tests to premarital state persons, adolescents, and children.

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	No File Uploaded

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

Yes, the Institute observes/celebrates numerous commemorative occasions in addition to Independence Day and Republic Day, such as Constitution Day, Dr. Babasaheb Ambedkar Jayanti, Chhatrapati Shivaji Maharaj Jayanti, Mahatma Gandhi Jayanti, Swami Vivekananda Jayanti, Guru Pournima, Teacher's Day, National Science Day, Dahashatwad Virodhi Diwas, Oath and Preamble of constitution reading, International Day of Yoga, etc., each year to foster moral and intellectual development among the stakeholders. Our Parent Education society is founded in 1928 and every year we celebrate foundation day.

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.

1. **As a part of Golden Jubilee celebration of the Institute, we have initiated the Golden Jubilee Science Lecture Series. We invite renowned scientist from the field of science and technology for direct interaction with students and staff which generates positivity, motivation**

and research interest among them. The first lecture was with Padma Bhushan Dr.Vijay Bhatkar (Padma-Shree), Hon'ble, Chancellor, Nalanda University on the topic of 'Empowering Minds' on Dec.22, 2019. The second lecture was during the COVID times on virtual Interface with Prof. N. C. Shivaprakash, IISc, Bangalore on Nov.20, 2021 and recently, Hon'ble Dr. Shekhar C. Mande, Director General, CSIR, Ministry of Science and Technology, Govt. of India on Feb.05, 2022.

2. The Rotaract Club is a forum for students to hone their personal, social, academic and employability skills. Under various domains like community service, club service, vocational and professional service, youth service, the members of the club design activities and execute them in-house, inter-collegiate, district, and international levels. The club has won recognition and students display motivation and complete dedication in projects. The club has won 13 District Level and 1 International awards in the year 2021-2022 by either conducting or participating in more than 30 activities.

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 college has chosen to make vermi-composting a top priority and thrust area because it is in the Vidarbha Region, which is plagued by disaster and difficulty for farmers. Various opportunities for engagement can be seen in this challenge. The vermi-composting initiative is utilized in a variety of ways, including:

- Direct experience teaching and learning opportunities for students making manure out of campus green waste.
- Students get the chance to take part in a research project and also publish their findings in journals.
- To encourage creativity and the development of new ideas, we've established a special Vermi-compost mentorship group. Dr. Maitre, a prominent BARC scientist, is the mentor for our project, which makes use of a BARC-

developed carbon measurement tool.

- To expose our pupils to the realities of rural living, we encourage the vermi-compost group students to participate in specially organized camps in rural regions.
- The institution is going to be ready with the INDUSTRY 4.0 approach. We are going to establish a tie-up with Vishram Jamdar Siemens Center of Excellence, VNIT, Nagpur. VNIT students are getting training in 6 highly advanced integrated courses such as IOT and Reverse Engineering.

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

7.3.2 - Plan of action for the next academic year

1. Maintenance and updating the Internet and Wi-Fi facility in college premises to provide uniform techno savvy touch to all the classrooms, Laboratories, Seminar Halls, Administrative office, etc.
2. Preparation of NEP based activities for each subject and its implementation
3. Introduction of Student Centric Projects (SCP) and Best Practices at departmental level, so that the students can be exposed to innovative ideas in research.
4. Introduction of uniformity and transparency in Internal Assessment in all subjects.
5. Introduction of skill-based job oriented and interest-based certificate courses.
6. To encourage the teachers and students in publication of research papers in UGC Care-Listed, Scopus and Web of Science Journals and books of national and international repute.
7. Strengthening of linkages and collaborations in the form of MOUs to expose the students to global level competitions.
8. Organization of online-offline mode National / International seminars, conferences, workshops, faculty development program (FDP)etc.
9. Organization of curricular and co-curricular in-house and inter-collegiate competitions and Golden Jubilee Science Lecture Series
10. Applications for research and other grants to govt. and

non-government agencies.
11. Planning for effective welfare measures for teaching and non-teaching staff of the institute.
12. Compilation of IIQA & SSR for timely submission for NAAC Assessment and Accreditation.