Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**DHARAMPETH M.P. DEO MEMORIAL SCIENCE COLLEGE**
Name of the head of the Institution	**Dr. Akhilesh Peshwe**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**071202241372**
Mobile no.	**9422313334**
Registered Email	**principal_dsc@rediffmail.com**
Alternate Email	**iqacdmpdsvm@gmail.com**
Address	**North Ambazari Road, Near Ambazari Lake**
City/Town	**Nagpur**
State/UT	**Maharashtra**
Pincode	**440033**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. Ratnakar B. Lanjewar**
Phone no/Alternate Phone no.	**07122241372**
Mobile no.	**9881021205**
Registered Email	**principal_dsc@rediffmail.com**
Alternate Email	**iqacdmpdsvm@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.dharampethscience.com/wp-content/uploads/2018/12/AQAR%202017-18.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.dharampethscience.com/wp-content/uploads/2019/12/Academic_Calender_2018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**B**	**2.83**	**2012**	**10-Mar-2012**	**09-Mar-2017**
3	**A**	**3.01**	**2017**	**27-Nov-2017**	**26-Nov-2022**
1	**B**	**70**	**2003**	**16-Sep-2003**	**15-Sep-2008**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**15-May-2004**

7. Internal Quality Assurance System

7. Internal Quality Assurance System	

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Training program on Cyber Awareness in collaboration with Quick Heal Foundation, Pune.	10-Aug-2018 1	63
One day Workshop on Incubation & Innovoation of Ideas under Nutan Avishkar Vichar in Nagpur(NAVIN)	23-Aug-2018 1	175
Role of Digital Literacy in Development of India	12-Sep-2018 3	35
International Conference on Multifunctional Advanced Materials ICMAM-2018	05-Oct-2018 3	650
5 daysWorkshop National School on Computer Assisted Spectroscopic Data Interpretation Techniques (NSCASDIT-2019	07-Jan-2019 5	80
National Seminar on Measuring Outcomes, Good Documentation; Innovations and Best Practices	24-Feb-2019 2	150
Faculty Development Program on Student Satisfaction Survey	05-Mar-2019 1	42
Workshop Clinical Research and Good Clinical Practices	10-Mar-2019 1	90
Multidisplinary Workshop on Patenting	23-Apr-2019 1	64
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	2019 00	0
[View File](#)				

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

Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Training program on "Cyber Awareness

One day workshop on Incubation and Ideas and Projects Navin

International Conference on "Multifunctional Advanced Materials ICMAM-2018

Two day National Seminar on "Measuring Outcomes, Good Documentation; Innovations and Best Practices

One day Intercollegiate Multidisciplinary Workshop on "Patenting

[View File](#)

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

Plan of Action	Achivements/Outcomes
Training program on "Cyber Awareness	**Almost all students felt that workshops are necessary to learn new technology and found the program meaningful. They also said that the lecture by trainer was good. All said they will attend such type of workshops/ training program in future. They are excited to spread awareness not only in school and colleges but also in home and in society.**
workshop on Incubation and Ideas and Projects Navin	**This activity provides several recommendations for implementation of innovation and incubators outcomes**
Life Long Learning and Extension	**Students were acquired the information**

Studies Unit:	on the topic Digital Literacy and they were aware about literacy.
Introduction of students achievements and upload college website	Achievements of students have been uploaded in the college webpage
[View File](#)	

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

Name of Statutory Body	Meeting Date
College Development Committee	31-Aug-2018

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

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

Year of Submission	**2018**

Date of Submission	**30-Sep-2018**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**'Documentation Validation and Verification Committee' (DVV) has been in place. This committee collects information from all departments in the areas of academic programs, certificate courses, major activities, achievements of staff and students, extension, research, collaborative work, seminar and workshops organized for staff and students, financial assistance given to students, remedial coaching and road map. The committee heads submit their annual activity report along with documentary evidences and photographs. A standard format of data collection is devised for systematic collection of information and the same is uploaded under three heads on the common server. Most of the operations in college system involve handling of vast information. Multiplicity of functioning leads to information flow that is highly variable in content, format and importance. The old day set up was manual collection of data that is time consuming affair. There was**

voluminous paper work to be handled. Therefore, there was delaying in getting the data, which cannot be stored and easily analyzed. Therefore, there is need to involve information technology in handling the data of the college students. Use of computers in college provides useful, complete and timely information to meet the requirement of the various departments. The improvement in the management information system reduces the clerical work. About one thousand students are admitted to the B.Sc (Science and Home Science) programmes of the college. A college as an organization consist of following subsystem with information.

a. Principal's Office: Principal's office is the main source of information. It consist of following information, • Information about all the admitted students in various programmes of the college. The college is using the software developed by the company Master Soft ERP Solution Pvt. Ltd. for this purpose. • Information about all the enrolled students in various programmes as the college is permanently affiliated with Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. • Information regarding the category wise students. • Information regarding all the students who are eligible for various scholarships schemes made available by Government of Maharashtra. The students are using the website of Government of Maharashtra for this purpose. The name of the website is www.mahadbtmahait.gov.in. • Information about amount of scholarships sanction to the students. • Information about the annual budget of the college. • Information about salary components of teaching and nonteaching staff of the college. • Detail information about profile of the teaching and nonteaching staff of the college. • Information about all the projects submitted to various funding agencies. b. Library: Library is the main source of information for the students to gather their study material. Library consist of following information, • Information regarding all the books present in the library is available in the software. • Staff of the Library uses the 'Libman' library management software to issue the books

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Dharampeth M. P. Deo Memorial Science college is affiliated to Rashtrasant Tukdoji Maharaj (RTM) Nagpur University. The curriculum for various subjects and courses are designed by University & affiliated colleges implement the same. IQAC of the college prepares academic plan of the year. Time table committee designs time table for all programs as per university norms. It is displayed on notice board. Many faculty members of the college are on syllabus designing committee through Board of Studies and academic bodies of University and are involved in designing the curricula. Faculty members participate in seminars, workshops organized by University/ Colleges in collaboration with affiliating colleges for revision of syllabi, wherein the scope, objectives & implementation of curricular design are deliberated upon. Some of the departments have self-designed Certificate and Skill based courses. Training and placement committee of the College organizes seminar, workshops and conferences focusing on employability, enhancement and entrepreneurship development. Some of the effective means of implementation of curriculum at college level are – Academic requirements are received through syllabi designed by University through board of studies, the college frames its Academic Calendar. Academic Calendar includes different Events, student centric activities related to curriculum and co-curricular, the schedule of class room teaching, class test, practical examination, mentorship programs, performance, improvement program. Besides the use of conventional method, various other teaching methods like Quiz, Group Discussion, Demonstrations, PPT Presentations, Allied Projects, Industrial Visits, Assignments, students seminars, Videos, Use of charts and graphs are used for effective curriculum implementation. Theory periods in time-table of the same subject helps not only completing curriculum within time effectively but also solving difficulties, providing remedial for the students. Based on semester wise result analysis of every course corrective measures are suggested by IQAC and bridge courses are conducted for the students. Head of the Department also frame their departmental calendar of curriculum based on "In -house activities'. Proposed annual teaching plan made by every department is one of the important mechanism- for well planned curriculum delivery and it includes month wise topic taught, no. of periods required, No. of period engaged and extra classes if required to complete the syllabus. Aptitude Test for B.Sc. Sem-I is organized by many of the departments. Slow learners are identified by the analysis of result of aptitude test. Experts faculty are invited to give lectures and guide them, so that the students can avail of their expertise and be better prepared for their exams. Guest lectures in a different of areas of interest in academics, social awareness as well as practical implementations of knowledge is organized on a regular basis. Industrial and academic visits are arranged to give students an insight and exposure to practical aspects of the curriculum.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Bioinformatics	certificate	01/07/2018	90	Biotechnology is one of the fastest growing fields with its use and application in practically every aspect of daily life ranging from fields like agriculture to industry medicine, nutrition, environmental conservation, animal sciences and so on. Bi	Students should get the skill in Bioinformatics is the application of computational and analytical methods to biological problems. It is a rapidly evolving scientific discipline. Genome sequencing projects are producing vast amounts of biological dat
Bioinformatics	Diploma	01/07/2018	180	The applicability of this discipline is maximum in the fields of medicine and biology. The program of Diploma in Bioinformatics provides the students with a platform to imbibe in them the intricacies and in-depth aspects related to the subject. The	Bioinformatics involves the scientific interpretation with the computational information. It involves analysis of various factors which affects the movement in our biological systems. Various kinds of technology are used in this analysis of data. Com
IIT Spoken Tutorial	Certificate	13/08/2018	180	Scope in IT industries	Learning skill,

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BSc	Mathematics	01/08/2018
MSc	Physics, mathematics and Chemistry	01/08/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	NIL	Nill

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

	Certificate	Diploma Course
Number of Students	41	2

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Carrier Oriented Programme in Communicative English	01/08/2018	20
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Food and Packaging	19
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained

We have developed On-line as well as manual Feedback System. This mechanism is divided into five categories viz. students feedback, parents feedback, alumni feedback, teachers, feedback and employers' feedback. Student feedback is based on two criterions: overall college functioning and based on curriculum. Feedback on overall functioning of the college: it is based on the learning

environment of the college, canteen facility, functioning of anti-ragging cell, counseling center, sports facility, infrastructural facilities etc. Teachers Feedback (Teaching and Learning Process) – This feedback covers teaching learning process, punctuality, communication skills, approach towards the students, sharing of innovative ideas ,use of ICT in teaching methodologies interactive teaching and students' involvement in learning. We collect individual teachers feedback and analyze it .The analysis is reported to the head of the institution, IQAC, management members for corrective measures and it is communicated to the individual teacher for further improvement. Parents feedback is based on overall development of their ward and about learning environment in the college as well as imparting value based education in their wards. We have alumni association whose feedback is based on role of the college in the development of student personality and employability, academic excellence. Also how the institution has helped them to acquire the life skills. Placement cell also takes cognizance of this feedback while organizing training sessions.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Science	320	1028	355
BSc	Home Science	125	42	42
BSc	Science (YCMOU)	120	23	23
MSc	Mathematics	60	43	43
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	976	Nill	17	Nill	Nill

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
17	16	45	4	3	3
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Yes through Mentor- Mentee system At the beginning of the academic session, the group -wise names of the

mentors are displayed on the college notice board. The mentors are responsible for academic progress and psychological wellbeing of their mentees. They are also entrusted with the task of monitoring the attendance and academic progress of the students. They also provide primary psychological counselling to those who need them and refer them for more professional counselling, if required. At the beginning of the academic session, the mentors conduct orientation programmes for the mentees, whereby they are acquainted with the institution, its goals and mission, the facilities available and the regulations of the affiliating university. The mentors maintain the biographic details of each individual mentee including educational background and socio-economic status. They also maintain record of their class attendance, class-performance and academic progress. The mentors use both formal and informal means of mentoring. The mentor system, apart from its formal part, also exists as a robust informal mechanism to boost inclusiveness, gender sensitivity and social responsibility of students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
397	17	1:23

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
52	17	36	Nill	14

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Shraddha A. Deshpande	Assistant Professor	Ph.D. degree awarded by RTM Nagpur Univeristy, Nagpur
2019	Capt. Dr. Prashant A. Ambekar	Assistant Professor	Summer Research fellowship jointly by IAS Banglore, INSA New Delhi, NASI Allahabad
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	Science	Semester-II	30/04/2019	05/08/2019
BSc	Science	Semester-IV	30/04/2019	01/08/2019
BSc	Science	Semester-VI	30/04/2019	28/06/2019
BSc	Home Science	Semester-II	30/04/2019	17/06/2019
BSc	Home Science	Semester-IV	30/04/2019	13/06/2019
BSc	Home Science	Semester-VI	30/04/2019	13/06/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Departments are evaluating their Departmental students through organizing debates, extempore, group discussion, seminar presentation etc. Each department takes two unit test in each semester. Papers are discussed in class after examination. Evaluated papers are shown to students. Internal marks are given on the participation of student in above activities. The college adopt the continuous Internal evaluation process by unit test, seminars, quiz, poster competition to assess all aspect of student's development thought the each semester. Subject awareness bridge course and aptitude test has been conducted at entry level. Any information regarding the students is displayed in the college as well as departmental notice board. Proposed teaching plan is prepared by teachers and discuss among the students. Academic calendar also prepared for academic session and upload in college website. Remedial coaching classes are conducted for slow learner and discuss the old question papers. Students should satisfy the eligibility criterion of 75 attendance in accordance with University norms. Result analysis is done department wise and performance of students is monitored.

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

The college prepares academic calendar at the beginning of the year and distributes it to the students at the time of their admission in the college. The academic calendar is also distributed among all teaching non-teaching staff of the college. The academic calendar contains the yearly schedule of the college ranging from the list of holidays (national level holidays, state level holidays, local holidays and the institutional holidays), tentative date schedule of the college examinations and other forms of evaluation such as evaluation through performance in Departmental seminar presentation etc. The tentative dates of activities of NSS, NCC, BRSC Centre for career development and Placement Cell are also given in the academic calendar. Schedule of other activities such as Parent-teacher meeting, College social and other cultural programmes, College sports etc are also provided in the academic calendar. The academic calendar provide the information about the tentative schedule of short and long educational tour of the college. All the departments conduct internal examinations well in advance by the department. Internal assessment probable dates are also provided by the college in Academic calendar which is upload in the college website.

2.6 – Student Performance and Learning Outcomes

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

https://www.dharampethscience.com/wp-content/uploads/2020/01/2.6.2_Program_Outcomes_and_Program_Specific_outcome_to_be_upload.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
B.Sc	BSc	Home Science	28	22	78.57
B.Sc.	BSc	Science	199	136	68.34
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2.7 – Student Satisfaction Survey

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

 https://www.dharampethscience.com/wp-content/uploads/2020/01/2.7.1_Student_Satisfaction_Survey_SSS_2018-19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Total	2019	IAS Bangalore, INSA, New Delhi	40000	40000
Any Other (Specify)	2019	IAS Bangalore, INSA, New Delhi	40000	40000
Major Projects	2018	NA	0	0
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
One day workshop on Patenting (IPR)	Dharampeth M.P.Deo Memorial Science College, Nagpur and two other colleges	23/04/2018

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nill	NIL
View File				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded

CHEMISTRY	**2**
MICROBIOLOGY	**1**
ENGLISH	**1**

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	**Physics**	**2**	**00**
National	**Chemistry**	**4**	**00**
National	**Microbiology**	**2**	**00**
International	**Physics**	**1**	**0**
International	**Chemistry**	**8**	**00**
International	**Microbiology**	**1**	**0**
International	**Computer Science**	**3**	**0**
International	**English**	**1**	**0**
[View File]()			

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

Department	Number of Publication
Computer Science	**2**
Chemistry	**1**
Botany	**1**
Microbiology	**2**
[View File]()	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
NIL	**NIL**	**NIL**	**Nill**	**0**	**0**	**Nill**
No file uploaded.						

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

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NIL	**NIL**	**NIL**	**Nill**	**Nill**	**Nill**	**00**
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	**19**	**35**	**10**	**18**

Presented papers	12	13	10	Nill
Resource persons	1	4	Nill	4

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Tree Plantaion Program	NATIONAL SERVICE SCHEME (NSS)	1	31
Blood Donation Camp	NATIONAL SERVICE SCHEME (NSS)	1	80
Social Awareness	NATIONAL SERVICE SCHEME (NSS)	1	10
Project Metro:Traffic Awareness Program	NATIONAL SERVICE SCHEME (NSS)	1	74
Metro road safety awareness program and road showN	NCC	1	45
Swachchhata Abhiyaan	NCC	1	43

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NIL	NIL	NIL	Nill

No file uploaded.

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Rotary Club	Rotaract Club , Dharampeth Science College, Nagpur	Nirmalya Collection on Ganpati Visarjan	1	10
ED Cell	ED cell VNIT Nagpur	ED Cell Installation	1	15
Zoology	Zoology Deptt	Effects of Smoking	1	13
NCC and NSS	NCC and NSS	Swachchha Bharat Abhiyan	2	100

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	00

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
NIL	NIL	NIL	Nill	Nill	00

No file uploaded.

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

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Quick Heal Foundation, Pune	30/05/2018	Earn and Learn scheme	63

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
300000	337343

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation

| LIB-MAN | Fully | 2011 | 2010 |

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	20251	7462536	25	7347	20276	7469883
Reference Books	632	Nill	18	Nill	650	Nill
e-Books	138531	Nill	Nill	Nill	138531	Nill
Journals	16	Nill	Nill	Nill	16	Nill
Digital Database	1	Nill	Nill	Nill	1	Nill
Library Automation	204	Nill	Nill	Nill	204	Nill
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nill

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	114	21	10	1	1	13	13	10	1
Added	0	0	0	0	0	0	0	0	0
Total	114	21	10	1	1	13	13	10	1

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

10 MBPS/ GBPS

4.3.3 – Facility for e-content

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

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary

component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
40000	32569	15000	17354

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

The college ensures optimal allocation and utilization of the available financial recourses for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose and using the grants received the college as per the requirements in the interest of students. The students seek admission to desired courses including a laboratory curriculum they are charged for the laboratory expenses at the time of the admission as suggested by the statutory body in addition to that a non-salary grants are allocated for the maintenance of the laboratories and the classrooms which a part of the teaching and the learning processes. The classrooms boards and furniture facilities are utilized regularly by the students but sometime it is also made available for the other governmental and the non-governmental organizations for conducting the exams like scholarships etc. if not in use for the said period. The maintenance and the cleaning of the classrooms and the laboratories are done with the efforts of the non-teaching staff and in major cases the college goes for the maintenance contract to local experts. The college garden is maintained by the gardener appointed by the institute. Library- The requirement and list of books is taken from the concerned departments and HoDs are involved in the process. The finalized list of required books is duly approved and signed by the Principal. Every year in the beginning of session, students are motivated to register themselves in library. Suggestion box is installed inside the reading room to take users feedback To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. The proper account of visitors (students and staff) on daily basis is maintained. The college has adequate number of the computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, departments etc. The office computers which are also connected through the LAN is consisting of the office software making work easier and systematic are restricted their use only to the appointed office staff. The library is also provided LAN facility for the computers and they are loaded with the library software. The departments and the staff can make use of the computer system with internet at their seating places in addition that majority of the staff has their own laptops and the internet providing instruments, all those computer facilities are maintained by Technical staff appointed by College.

https://www.dharampethscience.com/wp-content/uploads/2020/01/4.4.2_Procedures_and_policies_..pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Tution Fee	72	56573
Financial Support from Other Sources			
a) National	Post Matric	404	973767

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Bridge Course for B.Sc. Sem-I	09/07/2018	170	Chemistry Department
Aptitude test	03/07/2018	175	Chemistry Department
Bridge Course	17/07/2018	169	English Department
Bridge Course and Aptitude Test	30/07/2018	28	Electronics
Bridge Course	18/07/2018	84	Microbiology
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Visit to IDP's Australian Education Fair by Australian Education Fair	Nill	18	Nill	Nill
2018	Seminar on " How to Crack IIT Jam Exam (Gate Way to IIT's,IISC,IISER) by Redefined Teaching arena (Mr.Rajat Agrawal)	Nill	102	Nill	Nill
2018	Seminar On "Employability Skills" by Vaibhav Chaudhari	Nill	43	Nill	Nill

2018	Seminar on Certifications on " C,C++,java Languages and their Placement by TCS (Mr.Kunal Gaurav(City Head,TCS)&Yogesh Agrawal (Regional Head, TCS)	Nill	55	Nill	Nill
2018	Seminar on " Aptitude Enhancement & Skill Development by Vikalp Education (Rishi Chaurasia)	Nill	89	Nill	Nill
2019	Carrier counseling job opportunities in Germany and USA " by ASTUTE Academy ,Nagpur.(Dr.Mukul Chimote)	Nill	128	Nill	Nill
2019	One day workshop on clinical research & good clinical practice by Alumni Association, Dharampeth M.P.Deo Memorial Science College, Nagpur in association with alchemy clinical research services,Nagpur	Nill	110	Nill	Nill
[View File](#)					

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
NIL	Nill	Nill	NIL	Nill	Nill

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	15	Home Science	Home Science	Department of Home-Science, RTM Nagpur University, Nagpur	MSc (Home Sci)
2018	1	Science	Microbiology	Garware College, Pune	M.Sc.
2018	1	Science	Microbiology	RTM Nagpur University	M.Sc
2018	1	Science	Microbiology	Bhartiya Vidyapeeth, Pune	M.Sc
2018	5	Science	Chemistry	RTM Nagpur University, Nagpur	M.Sc.

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

Items	Number of students selected/ qualifying
Nill	Nill

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

Activity	Level	Number of Participants
Poster making Competition " Effect of Smoking"	Institutional Level	13

Essay Writing Competition on the topic "Impact of Social Media" and "Women in Sports"	Institutional Level	12
Cover page Design Contest" on the topic " Grammar"	Institutional Level	267
Slogan writing competition on topic "Role /Use of Computer Technology in Smart City.	Institutional Level	17
Project making competition on topic "Connectivity to the database using ActiveX Data Control."	Institutional Level	21
Poster Presentation Competition on topic E-Waste Management, Cyber Crime, Cloud Computing Technology for Higher Education, Cashless Transaction.	Institutional Level	35
Poster Competition on the topic "Green Chemistry" .	Institutional Level	78
Annual Cultural Event "Tarang 2k19	Institutional Level	32
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	3rd Prize	National	Nill	1	C52112	Ms. Shreya Joshi
2018	3rd Prize	National	Nill	1	C52110	Ms. Renuka Khanzode
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Student council helps the college administration in many ways. The Council play a important role in the organization of teachers Day Programme, annual gathering and various activities every year with proper guidance from the teachers National and International importance days are also celebrated and members of student's council took active participation in such activities. The Council members help the teaching faculty during the organizations of various conferences, seminars, cultural events, guest lectures and other functions in

many ways by performing duties like reception of the guests, hospitality, discipline, decoration and comparing the event. • The Secretary and members of Students Council forms a bridge between the students and administration especially the Faculty In Charge and Principal which helps in promoting healthy atmosphere in the college. • Student's representation and participation has been an integral part of various activities of the College. IQAC, Editorial Board of College Magazine "ASMITA, Student Council of the college, Anti Ragging committee, Science Association, has student's representation. The college encourages the students to write and publish their writeups, short stories, poems, and other articles on science, social issues, politics, etc. for publication in the annual college magazine "ASMITA", which is published every year. • Various articles and posters are displayed on their display board. • Various articles and posters related to recent scientific innovations are regularly displayed by the Science Association members on their display board. • News of events, prizes and trophies won by the students in Collegiate, Intercollegiate and National cultural and sports events along with photographs is also regularly displayed on their display board. Cultural Activities: • Organizing a Induction programme first semester students in the college. • Celebration of birth and death anniversary of social reformers in the college. • Observation of Teachers' Day to mark the birth anniversary of Dr. S. Radhakrishnan. • Organization of the annual social, a cultural programme of the college. • Observance of the International Mother Language Day on 21st February, 2018. Sports Activities: • Organisation of inter-college Football/Basketball/ Cricket/ Carrom/ Chase/ Tournament. • Organisation of Annual Sports of the college. Other Activities: • Providing a list of financially backward students to the college to make them get fees Concession. • Providing financial assistance to the students with financial need in collaboration with other social organization. • Two students are the members Administrative Advisory Committee • Six students are on the Editorial board of College Magazine "ASMITA". • Students' Cultural Committee celebrated Annual Cultural Event "Tarang 2k19 "was celebrated on 17th and 18th January 2019. Competitions like Mehendi, Rangoli , singing , dancing painting and Fete and Happy Street were organised. The event was inaugurated at the hands of Dr.Akhilesh Peshwe , Principal of the college. Ms.Pritha Senad gave the introductory speech and Akshat Hedao and team sung the welcome song. Ms. Shreya Joshi performed a Welcome dance on "Ekdantay Wakratunday".

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

350

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Two meeting Alumni Association (2018-19) The office bearers of Alumni of Dharampeth M.P. Deo Memorial Science College, Nagpur are: Sr. No. Name Position i. Dr. Vinod Indurkar President ii. Dr. Arun Muktibodh Vice President iii. Mr. Ravindra Haridas Secretary iv. Mr. Govind Lakhotia Joint Secretary v. Mr. Shyam Shirke Treasurer vi. Mr. Ajay Deshpande Member vii. Mr. Sushant Haridad Member viii. Ku. Kalyani Bhosekar Member ix. Mr Kedar Sathe Member x. Mr Subhashish Chandre Member The following activities conducted by alumni: i) The college

premises were decorated by Warli painting under the supervision of Dr. Vindod Indurkar, Ex Head Department of Archeology, RTM Nagpur University, alumni of our college. ii) One day workshop on "Clinical Research and Good Clinical Practices" organized by our college in collaboration with Alumni and Alchemy Clinical Research Services, Somalwada, Nagpur and Alumni of our college on 10th March 2019 at APJ Abdul Kalam Hall. The workshop was inaugurated by Dr. Sarang Deshpande. Dr. Abhijit Munshi, Director , Alchemy Clinical Research Services, address the students on this occasion. The objectives of the workshop as under: a) To understand scope and opportunity in clinical Research b) To get the basic knowledge of clinical research. c) To Understand the basic principle underline GCP and its specific rule of the conduct. d) To achieve and over all knowledge of CGP complaint in clinical research iii) The alumni of college organised Bollywood Hitz (1968-2018) Marathi Hindi songs. This program followed by felicitation of Dr. Bhate Ex Principal and Dr. Akhilesh Peshwe, Princiapl. Dr. Ravindra Haridas, Mr. Govind Lakhotia and Gaurav Tanksale alumni of our college were work hard for the success of program.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

VISION: To enhance the well-being of the people by Educating, Creating Knowledge and Serving the Society by putting the knowledge to work with excellence. To advance the professional competence of youth and to inculcate in them the urge to recognize challenges as opportunities. MISSION:. The mission of the college is to create human resources of eminence to positively contribute towards the generation of knowledge and social commitment. college would, therefore, seek to ensure the development of world-class quality and value based education, promote research based learning, remove barriers to interdisciplinary education and use technology creatively to establish a multilevel support system to boost and nurture Industry-academia conglomeration enable national and international academic-credit transfer to promote scholarship and entrepreneurship compete in the international academic markets to create innovation, knowledge and wealth and contribute to nation development and humanity with emphasis on removal of barriers for transfer of knowledge to poor and illiterate across an international arena. 1. Academic functioning: As per the Maharashtra University Act 2016, Local Management Council (LMC) has been replaced by College Development Committee (CDC). It has helped the college administration to develop innovative ideas to bring overall development in the departments for everyone to become part and parcel of the system. Accordingly, college administration has brought changes in the functioning of various department and made participant end users a part of the development. The College inculcates the culture of collective responsibility amongst its faculty members and the constitutive departments. The college delegates authority and provides operational-autonomy at various levels. Under the supervision of Principal, the Vice-Principals and Heads of the Departments are empowered and the departments are provided academic autonomy a concrete step towards effective decentralized governing system. Each department is given freedom to prepare its academic planner and schedule of activities, Time-table, designing and assigning of student projects, to conduct workshop/hands-on-training programs/guest lectures on areas prioritized by the departments. 2. Administrative functioning: The office administrative responsibility distribution and monitoring are handled by the principal with the college authorities. Though budget preparation is an administrative responsibility, individual budgets are prepared at departmental level and final budget is prepared based on those departmental inputs.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Curriculum Development : The curriculum is designed by the University. Some of the faculty members of the college are on various boards of studies they put forth the expectations of the industries in the respective boards, so that the curriculum can be updated to changing needs of the industry. During class room interaction, special importance is given to Power Point Presentation, poster competition, Group discussion, Student seminar and Project work, importance of cleanness of campus.
Teaching and Learning	The college makes efforts to enrich the student experience by providing participative and active Learning environment. Increased use of modern teaching aids and computer – aided approaches for teaching are taking roots in the institution. Remedial coaching is imparted to the needy students.
Examination and Evaluation	Due to introduction of semester pattern by the university, internal marks of eah student in each paper are to be submitted to the university. For this, the internal marks are to be given to the students on the basis of the following criteria 1.attendance in theory and practical, 2. Submission of assignments, 3. Class tests and 4. Subject wise seminars. Thus the students are evaluated continuously based on the above criteria in both the semesters.
Research and Development	The faculty members are motivated to increase their research output in terms of paper publications and research articles in peer – reviewed journals. In view of this the faculty members are encouraged to undertake Minor/ Major Research Projects of interdisciplinary nature.
Library, ICT and Physical Infrastructure / Instrumentation	The college has ample E-Resources available in the college. All staff members are registered for the National Digital Library. LCD facility was

	provided to Chemistry department. Many students registered for Spoken tutorials IIT – Mumbai and NPTEL and few students passed this examination. CC TV surveillance is provided throughout the campus and the library. Face biometric record of entry and exit of all the staff members is maintained.
Human Resource Management	The institution takes efforts for training the staff in new communication technologies. Faculty Development programmes are encouraged. College has organized such type FDP for teacher on the topic IPR , NAAC , New Policies in Higher Education. College has organized International Conference in association with ISCAS and Kamla Neharu Mv., Nagpur on the topic Materials Science
Industry Interaction / Collaboration	Industry Interaction / Collaboration Industry visits are organized regularly. People from Industries are regularly invited to apprise the students about the needs expectations of the industries so that the students can channelize their efforts in a proper direction
Admission of Students	Admission process of the college always has been transparent. Necessary information about the admission procedure is given in the prospectus as well as on website of college. Reservation policies of the Government are followed. Enrolment of the students is done on-line. Admission Registration form for all B. Sc students filled online and the list of students displayed merit wise.

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

E-governace area	Details
Finance and Accounts	Fully equipped computerized methods are followed to keep tracks and records of all finances of the College. Advanced software is used to keep scanned documents, e-filing and budget transactions accurate. Management checks, verifies and guides the finance and accounts section time to time.
Student Admission and Support	: For constant support and assistance to the student community online tools are used to keep in touch and inform them about various notices time to time. Vriddhi notices on the website and feedback forms are provided to the students. Besides that online messages and short messaging services are also

	used to inform and notify students about different academic and official activities. The teaching faculty has also created google groups and whatsapp groups to post updates and news related to academic and official documents.
Examination	The College conducts annual Semester Wise examination smoothly. The sitting arrangement of the students is provided online to avoid chaos and confusion on the examination days. This also saves time controls stress of the students during examinations. Notices related to exams are also posted and updated on priority basis. Thus the Chief Examination Officer and co-officer incharge are conducting university examination
Planning and Development	? Planning and Development : The College has developed 'O Server' (Common Server) that preserves and provides all academic and official data under one system of online information. O Server provide folders to all academic and administrative departments and faculties of the College. The information and details provided in all respective folders are later procured for many official purposes like magazine reports, annual reports, higher education reports, Central Documentation Committee and DVV. This also gives an accessibility to the Principal and the Management and DVV Committee to scrutinize and verify all the activities conducted by different departments and faculties of the College and further facilitate growth and innovation in the smooth functioning of the College
Administration	The College makes continuous efforts to go paperless in all its administrative and official works. All online and computerized functioning is done to practice transparency while sharing information within the college, faculties and departments

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	NIL	NIL	NIL	Nill

2019	NIL	NIL	NIL	Nill

No file uploaded.

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Computer Literacy	Computer Literacy Programme	25/03/2019	30/03/2019	4	15

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course	1	05/12/2018	20/12/2018	16

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
The staff members can obtain Emergency loans, Personal Loans through our college credit co-operative society. Xerox Facility are also available in the credit co-operative society for the staff and the students. Covered under Group Insurance Scheme to staff	The staff members can obtain Emergency loans, Personal Loans through our college credit co-operative society. Xerox Facility are also available in the credit co-operative society for the staff and the students. Covered under Group Insurance Scheme to staff	Xerox Facility are also available in the credit co-operative society for the staff and the students. Covered under Group Insurance Scheme

6.4 – Financial Management and Resource Mobilization

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

Institute maintains finance and accounts systematically. Management takes periodic review of financial position of the organisation. Institution conducts internal and external financial audits regularly. Internal audit is conducted after every six months. External audit is conducted after end of accounting

period. Internal and external auditors are appointed by parent institute. Audit report and audited statements of accounts are discussed in College Development Committee and also submitted with Governing Council. Queries and suggestions are resolved satisfactorily. The institute also ensures timely submission of audited utilisation certificate to various funding agencies.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Management, Dharampeth Education Society, Nagpur	100000	For organizing International conference in Association with ISCAS and Kamala Nehru college, Nagpur 5th – 7th October 2018 in collaboration with Kamla Nehru Mahavidyalaya, Nagpur

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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	External	Yes	Principal and IQAC committee
Administrative	Yes	Joint Director of Higher Education	Yes	College Management

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

• The college has an established parent teacher association. • However at the time of admission of students in first year, the parents are appraised about the rules and regulations of the college. They are also requested to maintain a regular communication with concerned subject teachers to know about the progress of their wards. • Contact details of the parents are also maintained at the time of the admission. • If found necessary parents are informed via SMS. • Individual teachers organize a one- on-one dialogue with parents whose ward needs further support

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

Computer training is given to them in view of the up- gradation of office software's. Workshop for technical staff is organised to update their knowledge in the usage of equipments / instruments etc. Lab safety measures awareness programme

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

In-house FDP on Revised Accreditation Framework • plan for Post graduate Teaching department in various subject • Signing of MoU with like minded institutions

6.5.5 – Internal Quality Assurance System Details	
a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Training programme on "Cyber Awareness" was conducted	10/08/2018	10/08/2018	10/08/2018	63
2018	One day workshop on Incubation and Ideas and Projects Navin held at Dharampeth college	23/08/2018	23/07/2018	23/07/2018	200
2018	Three day International Conference on "Multifunctional Advanced Materials ICMAM 2018 in Association with ISCAS and Kamla Nehru College, Nagpur	05/10/2018	07/10/2018	07/10/2018	700
2019	Five Day Workshop " National School on Computer Assisted Spectroscopic Data Interpretation Techniques NSCASDIT-2019	07/01/2019	11/01/2019	11/01/2019	160
2019	Two days National	24/02/2019	25/02/2019	25/02/2019	200

| 2019 | One day Faculty Development programme on " Student satisfaction Survey | 05/03/2019 | 05/03/2019 | 05/03/2019 | 50 |

Seminar on ": Measuring Outcomes , good Documen tation : Innovation and Best Practices in collaboratio n with RTMNU Shri ramdev college of Engineering , Dr. M. K. Umathe college , Nagpur and Santaji Mahav., Nagpur

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
rally on 'Bedi Bachao Beti Padhao' cultural program includes skit on 'Voters day', songs and dance	12/02/2019	12/02/2019	40	10

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

Percentage of power requirement of the University met by the renewable energy sources
The Institute is most alert to resolve the on-campus issues related to environment since long back. We have already installed a 15kW solar power grid to cater the need of the institute power consumption. We are regularly organizing workshops/lectures/road show/PUC camp and many other to make all stakeholders well informed about environmental issues. We plant trees to absorb CO2 and other benefits

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	3
Rest Rooms	Yes	3

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	10/08/2018	1	Cyber awarness	Feedback of the session was taken. Two students from each college expressed their views. Almost all students felt that workshops are necessary to learn new technology and found the program meaningful. They also said that the lecture by trainer was go	63
2018	1	1	27/08/2018	1	E-Waste Management, Cyber Crime, Cloud Computing Technology for Higher Ed	The waste sectors addressed include biomedical, hotel and e-waste.	35

| 2018 | 1 | 1 | 29/08/2019 | 1 | Project Metro: Traffic Awareness Program | Safety awareness among the public through live human traffic signal passing some good messages of road safety to the road users and road safety norms followers violators. The purpose of conducting the road Safety awareness campaign is to, reduci | 300 |

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

Title	Date of publication	Follow up(max 100 words)

Code of Conduct for Teachers	26/06/2018	The code of conduct for faculty normally addresses the matters to related conduct of teachers such as teaching, learning, evaluation, relationship with the students, associated staff, management, parents duties and responsibilities with moral professional ethics, human values, external services, devotion, dedication and integrity of the teacher towards the college.
Code of Conduct For Students	26/06/2018	• Students should wear uniform and identity card daily in college campus. • The minimum expected attendance of students for theory and practical is 75. • No student will be allowed to leave the premises during the college hours without permission. • • There shall be no students union in the college. • Any change either in the local or permanent address of a student should be informed to the office. • Students are expected to keep their vehicles in the provided parking space. • Students are expected to obey all instructions and behave respectfully with the staff. • While representing the college at any other place, the student's behavior should not be detrimental to the image of the college. • Students shall not bring any outsiders to the college premises • Students shall not organize picnics, excursion, trips etc. without prior written permission of the Principal. • Students should not write on

		benches/walls and should help in maintaining the learning environment neat and clean.
Code of Conduct For Parent	26/06/2018	• The parents should come together to discuss progress of the college and find solutions to • academic behavioral problems. • The parent should develop cordial relationship with the Principal and teachers. • Parent must take initiative to promote the development in academic performance and the physical and mental health of their ward. • Guide the student to participate in various activities of the college. • The parents who are interested in college activities and development of the college can become members of Parents Teacher Association. • Parents must get aware about the rules and regulations of the college.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Gurupornima	25/07/2018	25/07/2018	100
Samajik Jaaniv diwas	03/08/2018	03/08/2018	47
Blood Donation Camp	08/08/2018	08/08/2018	80
Social Awareness	22/08/2018	22/08/2018	10
Divijay Din	09/12/2018	09/12/2018	50
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. 'No' to plastics in Canteen and College Premises. 2. Solar power generation (on grid type) 15kW installed on roof. 3. No smoke area (Plants and trees are maintained on campus) 4. The biodegradable solid waste generated on campus is utilised for Vermicomposting 5. New equipment are designed and fabricated using household electronic waste.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Microscale Techniques In Chemistry , Store Hazardous Chemicals In Glass Bottles 2. Vermi-Composting Two Best Practices 1. Department of Chemistry Microscale Techniques in Chemistry: Minimal Use of Chemicals Microscale techniques is an environmentally safe pollution prevention method of performing chemical processes using small quantities of chemicals without compromising the quality and standard of chemical applications in education (www.microscale.org). "Thus, where students formerly worked with 10-50 g of starting material and 50-500 g of solvent, they may now work with 10-150 mg of reactant and 1-10 g of solvent " Reduction of hazardous waste disposal "…most of the product generated in the (semi-micro) laboratory is never employed for any useful chemical purpose.""…if you need 100 mg, make 100 mg, don't make 5 g and throw away 4.9 g " In our chemistry lab, we adopted following methods. 1. Double burette titration 2. Spot test 3. Adopt adding the solvent instead of pouring the solvent 4. 15 ml test tube is replaced by 5 ml test tube ……………………………………………………………………………………………….. 2. Department of Zoology Vermicompost Vermicompost is method of preparing enriched compost with the use of earthworms. It is one of the easiest methods to recycle tree leaves wastes and to produce quality compost. Earthworm consume biomass and excrete it in digested form called worm cast. Worm casts are popularly called as black gold. The casts are rich in nutrients, growth promoting substances, beneficial to micro flora and having properties of inhibiting pathogenic microbes. Vermicompost is stable, fine granular organic manure, which enriches soil quality by improving its physicochemical and biological properties. It is highly useful in raising seedings and for crop production. Vermicompost is becoming popular as major component of organic farming system. Earthworms are important component of soil which helps converting in solid waste into nutrient rich soil. Earthworms are not only intestine of earth but their cast serve as important source of mineral and variety of trace elements. Thus vermicomposting is a best practice for solid waste management. Vermicomposte / vermiculture is a part of applied zoology. This activity is run by department of zoology under the guidance of Dr. Mrs. K. M. Paturkar. Students of zoology actively participate in this activity run by the department. In one cycle of vermicomposting near about 275-300kg of organic compost is generated. We use green waste from the college yard, waste food material from canteen and other solid waste except glass, metals and plastic for generating vermicompost. Mostly a culture of Eisenia foetida, a particular species of earthworm used for composting. Vermicomposting is ecofriendly and cost effective method for management of solid waste.

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

https://www.dharampethscience.com/wp-content/uploads/2020/01/7.2.1_Describe_at_least_two_institutional_best_practices.pdf

7.3 – Institutional Distinctiveness

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

7.3 Institutional Distinctiveness: Curriculum : Number of faculty staff members are BOS members at the University Teaching Learning a. Teaching learning process is strengthened with tie up for Spoken Tutorial with IIT Pawai b. Supported by Certificate courses, internship programmes, filed trips, study tours. c. Students satisfaction surveys are conducted Research Innovation Extension : a. Faculty is academically vibrant and has contributed in journals b. Jointly organized an international conference in which the Faculty contributes to the AVISHKAR training of RTMNU Team c. Faculty contributes to the Nutan Avishkar Vichar in Nagpur, a unique project oriented towards channelizing the innovative projects of students of the Vidarbha Region. d.

Students involved in live vermi-composting project. Infrastructure and Learning Resources a. Library has excellent collection on Shri. Aurobindo. b. CD collection c. Webinar facility set ups are available d. Archery training facility e. Parking Student Support and Progression a) Excellent support from faculty is there b) Students are involved in earn learn opportunities c) Mentoring is done d) Tests are conducted and progression is monitored e) Women development Cell f) Acting Skills, Cultural Activities are promoted g) Green awareness on campus is high h) Leadership opportunities are given i) programmes that cater to enrich EQ, IQ and SQ j) Programmes through NCC, NSS to cultivate social awareness k) Insurance schemes are properly renewed Governance Leadership and Management a) Responsibilities are distributed b) Team work is there in the staff c) Periodic review are taken by Managment d) Students are involved in governance e) Audits are conducted Institutional Values and Best Practices a. Maintenance department contribution is unique b. Activities based on vision and mission c. Minimal Scaling Technique d. MOU with industries and NGOS e. Sickle Cell Identification

Provide the weblink of the institution
https://www.dharampethscience.com/wp-content/uploads/2020/01/7.3_Institutional_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

8. Future Plans of action for next academic year (2018-19) • Induction programme for all first year students . • Certificate course in writing skills in English for college students to improve their communicative skill. • Faculty Development Programme in association with IQAC • Increase diversity in spoken tutorial • Organizing workshop/ conference/ seminar • Enhancing academic excellence. • Enhancing social compatibility of the students by giving better opportunity of social interaction through activities of NSS, NCC etc. • Enhancement of infrastructural facilities. • Proposal to be submitted for PG Courses to RTM Nagpur University, Nagpur • Proposal shall be submitted to Rashtriya Uchchatar Shiksha Abhiyan (RUSA) for the development of college. • Three days Intercolligiate Workshop to be organized on Life skill Development and Career Counselling for NSS volunteers in Nagpur District