



Yearly Status Report - 2019-2020

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			Yes																												
if yes,whether it is uploaded in the institutional website: Weblink :			https://www.dharampethscience.com/wp-content/uploads/2021/06/Academic-Calendar-2019-20.pdf																												
5. Accrediation Details																															
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>A</td> <td>3.01</td> <td>2017</td> <td>27-Nov-2017</td> <td>26-Nov-2022</td> </tr> <tr> <td>2</td> <td>B++</td> <td>2.83</td> <td>2012</td> <td>10-Mar-2012</td> <td>09-Mar-2017</td> </tr> <tr> <td>1</td> <td>B</td> <td>70</td> <td>2003</td> <td>16-Sep-2003</td> <td>15-Sep-2008</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	3	A	3.01	2017	27-Nov-2017	26-Nov-2022	2	B++	2.83	2012	10-Mar-2012	09-Mar-2017	1	B	70	2003	16-Sep-2003	15-Sep-2008
Cycle	Grade	CGPA	Year of Accrediation	Validity																											
				Period From	Period To																										
3	A	3.01	2017	27-Nov-2017	26-Nov-2022																										
2	B++	2.83	2012	10-Mar-2012	09-Mar-2017																										
1	B	70	2003	16-Sep-2003	15-Sep-2008																										
6. Date of Establishment of IQAC			02-Jun-2004																												
7. Internal Quality Assurance System																															

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
CANVASS, Clinical Research Services Pvt. Ltd. Guest Lecture on the topic	24-Feb-2020 1	140
In Association with NSS, RTM Nagpur University organized Three Days Intercollegiate workshop on	13-Jan-2020 3	200
National Symposia on	22-Dec-2019 1	500
The Sickel Cell Detection Camp which was organized on 3rd August & 13th September 2019	03-Aug-2019 2	95
Two Days Interdisciplinary Workshop On Hands on Training on Laboratory Equipments	02-Aug-2019 2	140
COVID-19: IMPACT ON SOCIETY	24-May-2020 1	1500
National Webinar on	30-May-2020 1	2500
One day State level Webinar on	05-Jun-2020 1	1500
One day International Webinar on Eastern Philosophy and the West on 14th June 2020	14-Jun-2021 1	2000
View File		

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	2020 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)							
Two Days Interdisciplinary Workshop On Hands on Training on Laboratory Equipments							
National Symposia on "Science and Spirituality and on the occasion of "Golden Jubilee Lecture Series in Science and Technology"							
In Association with NSS, RTM Nagpur University organized Three Days Intercollegiate workshop on "Life Skill Development and Career Counselling" for NSS Volunteers in Nagpur District							
National Webinar on "Innovation, Social Entrepreneurship & Intellectual Property Rights(IPR)" on 30th may 2020							
One day State level Webinar on "Role of Management, Principal and Teacher in New Education Policy"							
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							
<table border="1"> <thead> <tr> <th>Plan of Action</th> <th>Achivements/Outcomes</th> </tr> </thead> <tbody> <tr> <td colspan="2">No Data Entered/Not Applicable!!!</td> </tr> <tr> <td colspan="2">View File</td> </tr> </tbody> </table>		Plan of Action	Achivements/Outcomes	No Data Entered/Not Applicable!!!		View File	
Plan of Action	Achivements/Outcomes						
No Data Entered/Not Applicable!!!							
View File							
14. Whether AQAR was placed before statutory body ?	Yes						
<table border="1"> <thead> <tr> <th>Name of Statutory Body</th> <th>Meeting Date</th> </tr> </thead> <tbody> <tr> <td>College Development Committee</td> <td>31-May-2021</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	College Development Committee	31-May-2021		
Name of Statutory Body	Meeting Date						
College Development Committee	31-May-2021						
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to	No						

assess the functioning ?	
16. Whether institutional data submitted to AISHE:	No
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>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, webinars 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. Multiplicity of functioning leads to information flow that is highly variable in content, format and importance. There was voluminous paper work to be handled. Therefore, there was delay in collection of the data, which cannot be stored and easily analyzed. Use of computers is convenient and timely information to meet the requirement of the various departments. The introduction of the management information system reduces the clerical work. About one thousand students are admitted to the B.Sc and M.Sc programs of the college. A college has an organization consist of 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. Online fee payment: Parents/Students can pay fee online using the software developed by the company Master Soft ERP Solution Pvt. Ltd , online fee collection portal, using Debit/Credit card, etc. from anywhere. The fees paid is directly deposited in the institute Bank Accounts. Fee payer also allows cash fee collection in campus. Payroll</p>

	<p>Management: Compute Monthly pay bills supplementary bills, income Tax PF.</p> <p>Attendance Leave: Automatic staff attendance via biometric integration</p> <p>Process attendance data. Send SMS/email alerts. The college is using the software developed by the company Master Soft ERP Solution Pvt. Ltd. for this purpose.</p> <ul style="list-style-type: none"> • 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. <p>b. Library: Library is the main source of information for the students to gather their study material. Library consist of following information,</p> <ul style="list-style-type: none"> • 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 to the students. • Library had subscribed 'Nlist', INFLIBNET online ebooks and ejournals for the students. • The Library has developed the Library OPAC.
--	--

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 Tukadoji Maharaj (RTM) Nagpur University. The course curriculum of the institute is as per the guidelines prescribed by the RTM Nagpur University. At the

beginning of the academic year Principal and IQAC conducts meeting with all faculty and improves the College training programmes for effective teaching.

Time table committee frames the time table so that, each subject gets sufficient number of periods as per the guideline of university. Starting of

Academic year each department arrange departmental meeting regarding the distribution of Syllabus to all faculty members. The academic calendar displayed by the university, and is followed by the institute. The IQAC meeting conducted at the beginning of the session, where the policies and strategies for the best methods of deliverance of curriculum is planned. The IQAC of the institute

prepares the academic calendar, and faculties are asked to prepare course plans of their classroom teachings as this helps in clarity of syllabus and distribution of syllabus and ensures timely completion of syllabus. Time table committee designs time table for all programs as per university norms. 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 curriculum. Some of the departments have self-designed Certificate and Skill based courses. The head of the institute also conducts periodical reviews along with the IQAC coordinator of the portions covered by the faculties and also student attendance. IQAC Coordinator form mentor-mentee committee and assigned task to act as link between students and respective faculties of the subject.

At the beginning of the academic session, students undergo the Induction, Orientation program bridge courses by each departments, where academic experts guide and encourage students for creating a better career. The faculties of each subject make students aware about the Course Outcomes which are defined for each course. During induction program information regarding facilities available in the college is also given to the students. 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. Expert 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. Some small projects, research oriented activities based on syllabus topics are also organized for students.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
IIT Spoken Tutorial	Certificate course	05/08/2019	137	employability	1. Students, all can avail the training at very low cost. 2. The method is Active learning on Computer systems and very suited for Remote/Distance Education. 3. students can master the software courses on their own, in their own campus
Bioinformatic	Certificate	15/07/2019	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	Students should get the skill in Bioinformatics is the application of computational and analytical methods to biological problems. It is a rapidly evolving

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	MATHEMATICS	09/08/2019
View File		

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

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

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

	Certificate	Diploma Course
Number of Students	195	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
NIL	Nil	Nil
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

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

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>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.</p> <p>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.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	SCIENCE (YCMOU)	120	23	23
MSc	MATHEMATICS	22	22	22
MSc	MATHEMATIC (YCMOU)	120	23	23
BSc	HOME SCIENCE	120	71	46
BSc	SCIENCE	384	1267	285
View File				

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1018	59	17	1	Nil

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
18	18	43	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
396	18	1 : 22

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	18	34	1	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
2019	NIL	Nill	NIL
2020	NIL	Nill	NIL
No file uploaded.			

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	Science	Semester-II	30/04/2020	16/10/2020
BSc	Science	Semester-IV	30/04/2020	16/10/2020
BSc	Science	Semester-VI	30/04/2020	23/11/2020
BSc	Home Science	Semester-II	30/04/2020	15/10/2020
BSc	Home Science	Semester-IV	30/04/2020	15/10/2020
BSc	Home Science	Semester-VI	30/04/2020	26/11/2020
MSc	Mathematics	Semester-II	30/04/2020	21/01/2020
View File				

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

Academic Calendar of College was planned by the IQAC by taking into account the academic calendar of the parent university. The IQAC and respective departments prepared the schedule for internal evaluation. They decided dates during which the assignments are to be given to students or tests/seminars are to be conducted. In the odd semester, the dates for the Unit test on each unit test, seminars, assignment for theory papers are conducted in the month on Aug. and Sept. In the even semester, the dates were last week of February and March. The schedule of internal evaluation was notified to the staff through the HOD. The faculty explained the schedule and mechanism of examination to the students ie. nature of question paper, types of evaluation methods (seminars, assignments, tests, tutorials) and (University examination) and marking scheme. The internal marks obtained by the students were uploaded online on university portal by the office of the college. During this year, due to the Covid pandemic, lockdown was declared in the month of March. Therefore, internal evaluation (viva for practical examination) was conducted by the teachers on google form, Whatsapp team, Microsoft Teams, Google Meet, Zoom, etc.

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.

Teaching, learning and evaluation schedule of the College was planned, organized and informed to the HODs for implementation. The faculty explained the schedule and mechanism of examination to the students ie. nature of question paper, types of evaluation methods viz.CIE (seminars, assignments, tests, tutorials) and ESE (university examination) and marking scheme.

Departmental meetings were conducted at regular intervals to discuss the completion of syllabus as well as conduction of internal evaluation as per plan. Thus, the systematic steps provided information about teaching, learning and evaluation to all stakeholders. This ensured the completion of syllabi, possible revision and evaluation as per the schedule 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 program, College sports etc are also provided in the academic calendar.

2.6 – Student Performance and Learning Outcomes

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

<https://www.dharampethscience.com/program-outcomes/>

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	Science	259	140	99.23
B.Sc	BSc	Home Science	49	47	96
M.Sc.	MSc	Mathematic	37	37	100
View File					

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://forms.gle/HKF9viqSRrY6ZaRE8>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	58	IAS Bangalore , INSA New Delhi and NASI	0.37	0.37

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
Awareness workshop on Patenting	Dharampeth M. P. Deo Memorial Science College, Nagpur	23/04/2019
Application of Statistics in Government Services	STATISTICS	10/08/2019
Immunology and general Microbiology	MICROBIOLOGY	14/08/2019
Basic Grammar	ENGLISH	03/08/2019
Importance of Breastfeeding	HOME SCIENCE	06/08/2019
Natural Fibres	HOME SCIENCE	20/08/2019
HOME LOAN	ENGLISH	20/08/2019
Commercial Topics	ENGLISH	22/08/2019
Workshop on Stitching and printing of LCD projector cover	HOME SCIENCE	15/10/2019
To study the floristic diversity of Ambazari Lake Premisses	BOTANY	26/08/2019
Sexual Harassment: Its Prevention and legal awareness	ANTISEXUAL HARASSMENT CELL	30/08/2019
Plant identification Techniques	BOTANY	09/09/2019
Skit Poster Competition	HOME SCIENCE	11/09/2019
Lecture: Importance of the Digvijay Din . One Act Play Mohajal Hai Poem recitation on patriotism	VALUE ADDITION COMMITTEE	11/09/2019
MATERIAL FOR ENERGY AND ENVIRONMENTAL APPLICATION	CHEMISTRY	12/09/2019
Guest lecture : Role of entrepreneur and qualities of a successful entrepreneur	ED CELL	18/09/2019
Govt. E-Tender Filling Training	ED CELL	19/10/2019
Workshop on: opportunities in fruit processing industry its export	ED CELL	30/11/2019

Seminar: E-Seva training for youths of Nagpur	ED CELL	22/12/2019
Govt. E-Tender Filling Training	ED CELL	27/02/2020
Soy Lecithin and Phosphatidylcholine modification, fractionation and enrichment, applications	MICROBIOLOGY	17/09/2019
Linear Programming	STATISTICS	16/09/2019
"Celebration of 150 Years of Periodic Table"	CHEMISTRY	25/09/2019
CANCER AWARENESS PROGRAM	LIFE LONG LEARNING AND EXTENSION STUDIES	30/12/2019
HOW TO CRACK COMPETITION EXAM	TRAINING AND PLACEMENT	15/10/2019
CLOUD TECHNOLOGY AND INFORMATION SECURITY	TRAINING AND PLACEMENT	19/02/2020
OVERVIEW OF CLINICAL RESEARCH AND CAREER ORIENTATION	TRAINING AND PLACEMENT	24/02/2020
NATIONAL SCIENCE DAY	PHYSICS	28/02/2020
Kitchen Waste to Organic Compost	HOME SCIENCE	10/09/2019
Mean, Mode, Median, Standard Deviation, Student t Test Standard Error	BOTANY	14/10/2019
HEALTH CHECKUP CAMP	WOMEN CELL	25/02/2020
VOTER DAY CELEBRATION DAY	COLLEGE	25/01/2020
OPPORTUNITY IN CLINICAL RESEARCH	MICROBIOLOGY	24/02/2020
DEVELOPMENT IN MATHEMATICS CURRICULUM	MATHEMATICS	06/03/2020
VIRTUAL INSTRUMENTATION	ELECTRONICS	03/03/2020
WORKSHOP CLINICAL EPIDERMIOLOGICAL AND PSYCHOLOGICAL ASPECTS OF SICKLE CELL DISEASE	ZOOLOGY	14/12/2019
HANDS ON TRAINING ON IONIC APP (IOS APK) FULL STACK DEVELOPER	COMPUTER SCIENCE	03/03/2020
ONE WEEK CERTIFICATE COURSE ON MS OFFICE	COMPUTER SCIENCE	02/03/2020
CLOUD COMPUTING TECHNOLOGY THE ROLE OF SIMULATORS TO RUN APPLICATION IN REAL TIME	COMPUTER SCIENCE	11/09/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nill	NIL
No file uploaded.				

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

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

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
CHEMISTRY	3
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)
International	Physics	2	00
International	Mathematics	1	00
International	Chemistry	4	00
International	Microbiology	2	00
View File			

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

Department	Number of Publication
Microbiology	1
English	7
Mathematics	1
Physics	1
View File	

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

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

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	20	29	12	7
Presented papers	8	6	Nill	Nill
Resource persons	Nill	Nill	1	1
View File				

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
International year of celebration of 150 years of periodic Table	Chemistry	2	150
NCC Camp	NCC	1	400
Tree plantation, Blood donation, Sickel Cell detection, organ donation and NSS Camp	NSS, NCC	6	200
View File			

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
Model-Effect of mustard fumes on microbial growth	Certificates	Avishkar Research Convention 2019-2020 at Bhivapur Mahavidyalaya , Bhivapur	2
Competition on theme based poster making in National seminar Conclave 20	Certificates	NSI (Nagpur chapter)	1

. Rotary Citation with Platinum Distinction	Certificates	ROTARY CLUB, Nagpur	50
View File			

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Home Science	Collaborating Agency: Menopause Society , Nagpur Chapter(NARCHI)	Health Check-up Camp	4	50
Rotaract Club	ROTARACT CLUB	1. Installation of Rotaract Club 19-20 (25), 2. Rotatrek 1.0(20), 3. Flag Disposal Ceremony(13), 4. Session of Zonal Representative Visit To College(15), 5. Zonal Meet 1.0(02), 6. Abhar" Nirmalya Collection Project (Rota T-10 Event)(08), 7. Mere Ba	1	87
Swachchha Bharat AbhiyanSwachchha Bharat Abhiyan	Zoology	Swachchha Bharat Abhiyan	1	13
Swachchha Bharat Abhiyan	NSS NCC	Swachchha Bharat Abhiyan	2	100
View File				

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
Certificate Course Under Skill development on enhancing computer skills through Ms office	11	NIL	10

[View File](#)

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	Nil	Nil	Nil
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	30/06/2019	Earn and Learn scheme, To make aware school students about cybercrime. College students as a volunteers give presentations in different school.	13
View File			

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
400000	577609

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Seminar halls with ICT facilities	Existing
Class rooms	Existing
Campus Area	Existing
View File	

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
---------------------------	--	---------	--------------------

Li-MAM	Fully	2011	2010
--------	-------	------	------

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	20276	7469883	272	90531	20548	7560414
Reference Books	685	Nill	656	58805	1341	58805
e-Books	138521	Nill	Nill	Nill	138521	Nill
Journals	16	Nill	Nill	Nill	16	Nill
e-Journals	Nill	Nill	Nill	Nill	Nill	Nill
Digital Database	1	Nill	Nill	Nill	1	Nill
CD & Video	204	Nill	Nill	Nill	204	Nill
Library Automation	1	Nill	Nill	Nill	1	Nill
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(s pecify)	15	Nill	Nill	Nill	15	Nill
View File						

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

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

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	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 incurred on maintenance of physical facilities
4000	13052	15000	16322

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 institution has well defined policies and procedures for maintenance and utilization of physical, academic and support facilities. The institution plans in advance the infrastructure and academic facilities which includes new courses, library books, etc according to the requirements of the courses it offers and availability of resources by considering the suggestions given by the governing body, head of the department, purchase committees and cells. The time table committee plans ahead for all requirements regarding classrooms, laboratories, furniture and other equipment. The infrastructure and planning committee receives the infrastructure requirements from academic council members, cells and committees at the end of the academic year. After thorough analysis, the requirements are proposed to the purchase committee for budget approval. 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 teaching and 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 competitive exams like SSC, MPSC, UPSC, NET-SET, Railway etc. if not in use for the said period. The maintenance 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.

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	SDSWON	546	404800
Financial Support from Other Sources			
a) National	NIL	Nill	0
b) International	NIL	Nill	0
No file uploaded.			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Yoga Din	21/06/2019	70	Value addition Committee
Bridge Course for B.Sc. Sem-I	03/07/2019	144	Department of Physics
Aptitude test	10/07/2019	144	Department of Physics
Guru Pournima	16/07/2019	79	Value addition Committee
Foundation Day of Dharampeth Education Society as Samajik Janiv Divas	03/08/2019	95	Value addition Committee
Installation of Rotaract Club 19-20	14/08/2019	42	Rotaract Club of College
Deekshaarambh: Induction Programme for First Years	18/07/2019	250	Induction Program Committee
The Sickel Cell Detection Camp” which was organized for the students.	03/07/2019	128	IQAC in collaboration with Bharat Vikas Parishad, Dakshin Pashim Shakha, Nagpur and Sickel Cell Anemia Association, Nagpur.
View File			

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

Year	Name of the	Number of	Number of	Number of	Number of
------	-------------	-----------	-----------	-----------	-----------

	scheme	benefited students for competitive examination	benefited students by career counseling activities	students who have passed in the comp. exam	students placed
2019	World Youth Skills Day Celebrated ON 15th July 2019	Nill	25	Nill	Nill
2019	A Seminar on 'Career Opportunities in Health Care Industry' on 4th September 2019	Nill	25	Nill	Nill
2019	A Visit to 'Virohan Institute', Nagpur on 11th September 2019.	Nill	52	Nill	Nill
2020	A Seminar on 'Overview of Clinical Research and Career Orientation' 24th February 2020	Nill	25	Nill	Nill
2020	A Seminar on 'Career opportunities in 'Cloud Technology and Information Security 'on 29th February 2020	Nill	56	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
2	2	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

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

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	2	B.Sc.	Computer Science	Raisoni College Nagpur MCA	MCA
2019	3	B.Sc.	Computer Science	Ramdeo Baba College, Nagpur	MCA
2019	2	B.Sc.	Computer Science	Gaikwad Patil College, Nagpur	MCA
2019	5	B.Sc.	Chemistry	Department of chemistry, RTM Nagpur University, Nagpur	M.Sc. (Chemistry)
2019	8	B.Sc. (H.Sc)	Home Science	Department of Home Science, RTM Nagpur University, Nagpur	M.Sc. (Home Science)
2019	2	B.Sc.	Microbiology	PGDT, RTMNU, Nagpur	M.Sc. (Microbiology)
View File					

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

Items	Number of students selected/ qualifying
Nil	Nil
No file uploaded.	

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

Activity	Level	Number of Participants
Kho- Kho	Inter University and Ashwamedh Krida Mahotsav	Nil
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	All India Inter University Competition	National	1	Nil	1795250	Ku.Rishika Bodele
2019	RSFI National Ranking Championship	National	2	Nil	1944086	Ku. Janvi Kadu
2019	International Level Poster on Agriculture Biotechnology	International	1	Nil	nil	Hiteshi Wadibhasme

[View File](#)

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

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 organising intra collegiate events in many ways. The Council conducts annual gathering and various activities every year. Dharampeth M.P. Deo Memorial Science College Students Council has organized the Annual Cultural Event GLITTERATI 2019 - 20 from 24th January 2020 to 27th January 2020. A musical orchestra GOLDEN MEMORIES organized on 24th January 2020 and it was inaugurated at the hands of Dr. Akhilesh Peshwe, Principal of the college. The programme was attended by students , parents, teachers and alumni of the college. On 24th January 2020 various competitions organized were Rangoli, Mehendi, Salad Decoration, Flower Decoration, Fete Happy Street was also organized for students as well as parents in the college premises. Happy street involved various games like Carrom, Snakes and Ladder, cards, and some interesting one minute games. On 25th January 2020 Sports Event were organized for the for boys, girls teachers of the college. The Strikers team was the winner team of the event. On 27th January 2020 A Cultural Programme ' Giltterati 19-20 ' was organized at Dr. Vasantrao Deshpande Memorial Hall, Civil Lines, Nagpur. The students displayed their talent on the stage by giving great performances. The programme started with a melodious Ganesh Vandana performed by Nayan Bansod a beautiful dance performance by Shreya Joshi. Singing Dance competitions were organized for students. It was followed by 'Golden memories' , a musical programme where renowned Singers Sagar Madhumatke, Sarang Joshi, Arvind Patil Shivani Joshi enthralled of the audience with their performances. At the end of the programme the certificates medals were distributed to the winners of the various competitions. The College Representative Vaidehi Kuber other Committee took efforts to make his programme successful. The programme was hosted by Shubhashree Joshi, Priya Ramtekar, Bhushan Girsavre, Prutha Senad The Vote of

Thanks was given by Convener, Cultural Committee, Dr. Shraddha Deshpande. 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. Two students are the members Administrative Advisory Committee and Six students are on the Editorial board of College Magazine "ASMITA". The College also has a Rotaract Club with students as Board of Directors and members who regularly organises events to promote the young talent as well as raise funds for the needy.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

NIL

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 maintain the highest academic standards upholding the noblest ideas and moral values, to identify the hidden talent, create enlighten, empowered and socially committed students and above all good human being. Also 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. **Objectives:** To mould the minds of the young and create in them a desire to live a complete life To develop a passion for learning and academic excellence To build a solid foundation for future learning of the students

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
Admission of Students	<p>Admission of Students. Admission process of the college always has been transparent. Reservation policies as per the Government norms are adopted.</p> <p>Admission regarding information (prospectus) uploaded on the website of college. Admission done online by using admission software and fee payment done online mode. The merit list is declared and displayed on the college website, Notice board 1) Special notices are displayed regarding admission status and vacancies in various categories .2) any query regarding the admission or the merit list is brought to the notice of admission committee and the grievances, if any are resolved 3) all information regarding the admission status readily available . M.Sc. admission is done by merit basis.</p>
Industry Interaction / Collaboration	<p>Industry Interaction / Collaboration: Collage has MOU with Maharashtra Centre for Enterprenership development (MCED) , Aurangabad for entrepreneurship and research. 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</p>
Human Resource Management	<p>Human Resource Management: The institution takes efforts for training the staff in new communication technologies. Faculty Development</p>

programmes are encouraged. College has organized such type FDP for teacher on the topic IPR , NAAC , New Policies in Higher Education.

Library, ICT and Physical Infrastructure / Instrumentation

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. Online journals subscribed -NLIST, eShodh Ganga, DOAJ, NISCARE. LCD facility was provided to all departments. 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.

Research and Development

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. Also faculty are permitted to attended the conferences, symposia and workshops for their research paper presentation

Examination and Evaluation

Examination and Evaluation: Due to introduction of semester pattern by the university, internal marks of each 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 classes, 2. Submission of Home assignments, 3. Class tests and 4. Subject wise seminars. Thus the students are evaluated continuously based on the above criteria in both the semesters.

Teaching and Learning

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. Organising conferences, seminars, workshops and guest lectures.

Organising student seminars on development in respective subjects. Teacher's study materials (PPT, Video, PDF etc) are shared to students via whatsapp group

Curriculum Development

Curriculum Development : The curriculum is designed by the University and the college can not change the curriculum that is designed by the University. Some of the faculty members of the our college are on various boards of studies and they have contributed in syllabus revision time to time as per the need 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. In the Year 2019-2020 following are the BOS members of RTM Nagpur University, Nagpur Name of the faculty Name of the Board (BOS) Dr. Akhilesh Peshwe English (Science) Dr. Seema Ubale Resource Management Dr. Varsha Rangari Electronics Dr. Archana Kulkarni Hotel Management and Catering Technology Dr. P.W. Ambekar Family Resource Management Dr. Vidya Kathoke Microbiology Dr. Shraddha Deshpande

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

E-governance area	Details
Planning and Development	<p>? Planning and Development : The Principal being the Ex-Officio secretary of the governing body executes the policies and programs of the governing body through various committee. The principal presents the minutes of IQAC in the meeting of the Governing body for information and approval. The Academic Council, chaired by the principal. Has the responsibility of reviewing the academic outcomes and to make plans for expansion in the existing courses and also introduction of new programs and courses as per market requirements and feedback from various stakeholders. .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</p>

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

? 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. The Principal regulates and directs the administrative staff comprising the Head clerk distributes the work among the administrative staff for smooth functioning of the college and time-bound completion of the work for the convenience of the students

Finance and Accounts

? 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. Office also keeps the record of service security rules, procedure, recruitments, promotional/ placement policies etc. along with Service Books and personal files. The administrative office communicates all the service rules and changes to the staff from time to time. The administrative office retrieves stores and prepares detailed reports of all the data concerning the fees, attendance, scholarships and all the details concerning the staff members and students.

Student Admission and Support

? 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 forms and whatsapp groups to post updates and news related to academic and official documents.

Examination

? Examination: The College conducts semesterwise 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. Guiding the students to apply the photocopy of answer scripts, evaluation of received ans.book, apply for revaluation and challenge evaluation. Thus the Chief Examination Officer and supporting staff work for smooth conducting smooth university examinations.

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
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	NIL	NIL	Nill	Nill	Nill	Nill
No file uploaded.						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course	1	01/09/2019	12/12/2019	80

Faculty Development Programmes	1	01/06/2020	05/06/2020	5
Faculty Development Programmes	4	18/05/2020	03/06/2020	17
View File				

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
TEACHING College credit cooperative society gives the loan to teaching staff. Credit Cooperative Society gives, Personal Loan and an emergency Loan with minimum interest rate. College Teaching Staff getting benefit in admission of their ward. All the staff covered under group insurance scheme. College Credit cooperative society provide Stationery, Record Books, Xerox Facility with minimum cost to staff members	Nonteaching: College credit cooperative society gives the Festive loan to Nonteaching staff. College provide a Uniform to Non Teaching staff, Giving Washing allowance them. Credit cooperative Society gives, other Personal Loan with minimum interest rate Science College Non teaching Staff getting benefit in admission of their ward with fee concession. All the staff covered under group insurance scheme. College Credit cooperative society provide Stationery, Record Books, Xerox Facility with minimum cost to staff members	Student: College Credit cooperative society provide Stationery, Record Books, Xerox Facility with minimum cost the staff and the students. Covered under Group Insurance Scheme Credit Society giving Facility of Earn and Learn to the students. For Girl students Dayanand science college organizes Health Check -Up Camps for their better Health Dayanand education society Develops Student Welfare centres where minimum cost stationary available to students Dayanand Science develops the Massage System to communicate with students for their academic programmes

6.4 – Financial Management and Resource Mobilization

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

6.4.1 Institution conducts internal and external financial audits regularly The college is Government aided, privately managed and receives financial assistance from the Maharashtra Government, UGC, Governing Body of the college, students fees Grants and Scholarships from various agencies and funding organizations besides state government and non government agencies. The college along with the convener purchase committee guide, supervise and ensure that all financial transactions are done after due care as per rules. Internal Audit: The college has a systematic mechanism of internal audit for all the financial activities which take place from time to time. After getting the requirements from different corners and subsequent approval of the Principal. The purchase

committee purchases the items as per laid down procedure and rules. The convener purchase committee along with the bursar of college keeps a strict vigil on the purchase system to make the system more robust and transparent, the bills are perused by the president, governing body before final payments.

All the financial transactions and payments released by Principal are put forward in meeting of the governing body comprising Government and university nominees for approval. The accountant of the college maintains all the financial records in accounting software tally, and other necessary softwares.

All the vouchers and bills are duly audited by a team of qualified and well experienced Chartered Accountant. They also conduct audit of the grants received from agencies like DST, UGC, SERB, State government and other funding agencies for organizing academics and research activities internally but also through external audits. 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
NIL	0	NIL
No file uploaded.		

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	Principal , IQAC Coordinator and Departmental Heads
Administrative	Nil	Joint director of Higher Education, Nagpur	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 likeminded institutions

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	No
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
2019	Two Days Interdisciplinary Workshop On Hands on Training on Laboratory Equipments	02/08/2019	02/08/2019	03/08/2019	140
2019	Sickel cell detection CAMP organized in collaboration with Bharat Vikas parishad , Dakshin Pashim Shakha , Nagpur and Sickel Cell Anemia Association < angpur	03/08/2019	03/08/2019	13/09/2019	95
2019	Guest Lecture on Sexual Harassment: Its	30/09/2019	30/09/2019	30/09/2019	55

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
On account of National Science Day, Poster Presentation Competition on the theme Women in Science	28/02/2020	28/02/2020	30	Nil

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
<p>As our Institute is most alert to resolve the on-campus issues related to environment since long back, we have already installed a 15kW solar panels on the Administration Building during last session and an addition of 57.5kW have been recently installed on Home Science Building and Science Building respectively solar power grid to cater the need of Institute's power consumption and also to tackle the environmental issues related to use of direct consumption of electricity and hence almost 3-times of the consumption at the thermal power station. As the institute use of electricity is not constant round the year, the excess generation is being utilised by the Electricity board for that we have used a ON-Grid type model of solar energy. Although the campus is green, we try to add more plants every year to help the environment by planting more and more trees on special occasions. Apart from these, 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.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Provision for lift	No	Nil
Ramp/Rails	Yes	3
Braille Software/facilities	No	Nil
Rest Rooms	Yes	3
Scribes for examination	Yes	Nil
Special skill development for differently abled students	No	Nil

Any other similar facility	No	Nil
----------------------------	----	-----

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
2019	6	8	31/08/2019	1	Lecture on Mission Chandrayaan-2	Astronomical information and India's achievement	58
View File							

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

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Parents	25/06/2019	<ul style="list-style-type: none"> The parents should come together to discuss progress of their ward and help college to discuss and find solutions if any academic/behavioral problems arise. 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.
Code of Conduct for teachers	25/06/2019	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	25/06/2019	<ul style="list-style-type: none"> • Students should wear uniform and carry 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 student's 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. • The students like all stakeholders have to follow the environmental care norms of the institution.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
yoga din	21/06/2019	21/06/2019	70
Samajik Jaaniv diwas	03/08/2019	03/08/2019	95
View File			

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. 6. Microscale techniques to reduce chemical and help environment

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices Department of Microbiology

1. Disposal of Biomedical Waste: Biomedical waste generated in microbiology laboratory like used microbial cultures nutrient media are disposed off first by autoclaving and then the waste is collected by a professional company twice a week, other waste that is generated are syringes, broken glasswares, used molecular biology kits are also disposed off ensuring safety of all stakeholder of the college. Hence hygienic disposal of biomedical waste is our first endeavour towards accomplishing human environment protection.

2. 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

3. 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 seedlings 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/best-practices/>

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

Institutional Distinctiveness Dharampeth M.P. Deo Memorial Science college, with a brilliant history of 52 years, has created a niche for itself as a pioneer in quality initiatives to promote global citizens with world-class knowledge, national consciousness, global competencies, social responsibilities and humane values. Value-based education, being its priority, the college has gained a wide reputation among parents and academia as the most trusted name for integrated/holistic development of students. What makes us distinctive? The thrust area of building transformative multi-faceted learning ecosystem at our college, is primarily embedded in its vision of creating a "Distinctive environment of educational excellence with humane values and social responsibility" through a plethora of 'beyond the curriculum' activities for promoting knowledge that is blended with right skills, attitude and values for life long success and wholesome living. Hence, our distinctiveness is reflected in giving the students 'learning experiences 'beyond the classroom'. The campus is ever vibrant with opportunities galore to nurture talent, build competencies and confidence among students to face challenges in the context of rapidly changing global dynamics. Departmental Association Activities inculcate enthusiasm among students to go beyond the curriculum to develop innovative ideas, team building and leadership skills. The major activities of the college include • Rotaract Club and Life long Learning of the college Rotaract Club gives students an opportunity to work with the educational excellence with human values and social responsibility through the number of activities beyond the curriculum blended with right skill, attitude and values for life long success and holistic living. • College Magazine Asmita help the student discover their writing passion and reporting. • Departmental Associations hones the technical skill of the students, fosters scientific temperament and conduct various aptitude related activities that help the students in taking various competitive co-curricular, intercollegiate and university level activities. Activities like poster making, quiz, power point presentation, scientific rangoli competition, hands on training in collaboration with Equiptronix and High Media Lab. • Sanskriti, the value addition committee acquaints the students about traditional values, Indian culture and rich vedic heritage. • Leveraging industry- academia linkages, the institution explores ever expanding frontiers of knowledge beyond the curriculum to capture the latest emerging trends in new technology, skills and values that have social and industry

relevance, organizing national and international seminars, workshops and guest lectures on a range of topics on soft skills, emerging areas like artificial intelligence, Cloud Computing etc., by experts drawn from across disciplines to enrich the learning experiences of students. • Guest lectures and field visits were conducted. The college also conducted national and international seminars/ Conferences/ webinar on wide range of topics like Workshop On Hands on Training on Laboratory Equipments, "Science and Spirituality", Life Skill Development and Career Counselling Opportunities in Clinical Research, COVID-19: IMPACT ON SOCIETY arch Strategies", Innovation, Social Entrepreneurship Intellectual Property Rights(IPR) and "Role of Management, Principal and Teacher in New Education Policy", workshop Stitching and printing. • Certificate Courses on topics IIT Spoken Tutorials and Bioinformatcis, Basic Computer Skills as employability and

Provide the weblink of the institution

<https://www.dharampethscience.com/institutional-distinctiveness/>

8.Future Plans of Actions for Next Academic Year

1. Apply for additional section in PG Mathematics/ apply for rise in the intake capacity 2. Add a doctoral programme in Maths 3. Certificate courses to be made open for college regular as well as outside students. 4. Dewatering strategy and earth filling as per the needs with advice from experts 5. Promotion of battery operated vehicles 6. Conduct Electricity Audits 7. Conduct Green audit 8. Conduct fire safety audit. 9. Seminars and conferences on NEP for principals 10. Special SDP for NSS cadets at university level 11. Additional financial support for sports person Janvi Kadu from RTMNU 12. Registration of Alumni Association 13. Integrate online learning 14. Generating online resources 15. MOU with industry and designing a policy for such MOUs for all departments 16. Approved courses from university as well as YCMOU 18. Additional sections at the feeder level of junior college 19. Enhancement of the office software 20. Scholarships/ fee ships for student... 22. Strengthen innovative activity 23. Contribution to NGO working for covid 24. Installations of sanitizers as part of vivid care