Ref. No. DSC/SR/AQAR(12-13)/2014.

Date 28.08.2014

To,

The Director

National Assessment And Accreditation Council

Bangalore.

Sub : Submission of AQAR of Dharampeth M.P. Deo Memorial Science College, Nagpur (M.S.) for the session 2012-13.

Ref : Track ID 12182, Dharampeth M.P. Deo Memorial Science College, Nagpur (M.S.).

Sir,

Apropos to the subject cited above please find attached herewith soft copy of the AQAR of our institution for the year 2012-13, in the prescribed format of NAAC.

Kindly acknowledge the receipt of the same and oblige.

Thanking you,

Yours truly

Dr. (Ms) Asha Bhate

Principal

Internal Quality Assurance Cell (IQAC)

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

> Dharampeth M. P. Deo Memorial Science College, Nagpur.

1.2 Address Line 1

> North Ambazari Raod,

Address Line 2

> Near Ambazari Garden

City/Town

> Nagpur

State

> Maharashtra

Pin Code

> 440033

Institution e-mail address

> Principal_dsc@rediffmail.com

Contact Nos.

> 0712-2241372, 2241490
> Fax: 0712-2241125

Name of the Head of the Institution:

> Dr. (Ms.) Asha Bhate

Tel. No. with STD Code:

> 0712-2240888

Mobile:

> 09764093626

Name of the IQAC Co-ordinator:

> Dr. Mrs. V. S. Katkar

Mobile:

> 9823371991

IQAC e-mail address: | Dsc68iqac@gmail.com

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* | Track ID is 12182

1.4 **NAAC Executive Committee No. & Date:** | EC/58/RAR/077 dated March 10,2012
*(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)*

1.5 Website address: | www.dharampethscience.com

Web-link of the AQAR: | http:// www.dharampethscience.com/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B		2003	2009
2	2nd Cycle	B	2.83	2012	2017
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY | 15/05/2004

1.8 **AQAR for the year** *(for example 2010-11)* | 2012-2013

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and
Accreditation by NAAC (*(for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

   i. AQAR   2011-2012

1.10 Institutional Status

University   State ✓ Central ☐ Deemed ☐ Private ☐

Affiliated College   Yes ✓ No ☐

Internal Quality Assurance Cell (IQAC)

Constituent College   Yes ☐   No ✓

Autonomous college of UGC   Yes ☐   No ✓

Regulatory Agency approved Institution   Yes ☐   No ✓

Type of Institution   Co-education ✓   Men ☐   Women ☐

                      Urban ✓   Rural ☐   Tribal ☐

Financial Status   Grant-in-aid ✓   UGC 2(f) ✓   UGC 12B ✓

                Grant-in-aid + Self Financing ☐   Totally Self-financing ☐

1.11 Type of Faculty/Programme

     Arts ☐   Science ✓   Commerce ☐   Law ☐   PEI (Phys Edu) ☐

     TEI (Edu) ☐   Engineering ☐   Health Science ☐   Management ☐

     Others   (Specify)   HOME - SCIENCE

1.12 Name of the Affiliating University *(for the Colleges)*   Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc : -   **No**

Autonomy by State/Central Govt. / University ☐

University with Potential for Excellence ☐   UGC-CPE ☐

DST Star Scheme ☐   UGC-CE ☐

Internal Quality Assurance Cell (IQAC)

UGC-Special Assistance Programme | | DST-FIST | |

UGC-Innovative PG programmes | | Any other (*Specify*) | |

UGC-COP Programmes | |

2. IQAC Composition and Activities

2.1 No. of Teachers

06

2.2 No. of Administrative/Technical staff

01

2.3 No. of students

00

2.4 No. of Management representatives

01

2.5 No. of Alumni

00

2. 6 No. of any other stakeholder and

   community representatives

01

2.7 No. of Employers/ Industrialists

00

2.8 No. of other External Experts

01

2.9 Total No. of members

10

2.10 No. of IQAC meetings held

06

2.11 No. of meetings with various stakeholders: No. | 18 | Faculty | 09 |

Non-Teaching Staff /Students | 04/02 | Alumni | 01 | Others | 02 |

2.12 Has IQAC received any funding from UGC during the year?   Yes | | No | ✓ |

If yes, mention the amount   NA

Internal Quality Assurance Cell (IQAC)

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. | 01 | International | | National | 01 | State | | Institution Level | |

(ii) Themes

New Strategies & Policies of NAAC in Higher Education

2.14 Significant Activities and contributions made by IQAC

The Details of the activities and significant contributions made by IQAC in the academic session 2012-2013 are furnished underneath:-

01. The IQAC of the college organised a two days NAAC sponsored National Workshop "An insight into the new strategies and policies of NAAC in higher education" & published proceedings of the workshop. About 187 delegates participated in the workshop.

02. IQAC proposed up-gradation of software for in-house on-line examination.

03. Initiatives taken for preparation of Question Bank in MCQ form for on-line examination.

04. IQAC proposed and motivated faculty for organisation of workshops for teachers of the affiliated colleges in "Curriculum design and development" in view of the semester pattern of examination to be introduced by the university in academic session 2013-14.

05. IQAC took initiative in hosting a residential camp for college students of Vidarbha Region in collaboration with Vidarbha Universities Physics Teachers Association to popularise the subject by providing various platforms to them.

2.15 Plan of Action by IQAC/Outcome

The IQAC chalked out a plan of action for quality enhancement and organised / implemented programmes accordingly during the session 2012-13. The plans proposed, included programmes for mentoring of the students, faculty development, Up gradation of technical staff, Community Extension, Etc. During the session various programmes were successfully organised by the college.	
Plan of Action	*Achievements*
1. Organisation of programmes for channelling student activities towards skill development.	Three programmes were organised by the college to groom the students for 1) Soft-skill Development. 2) Imparting training to the students in spoken English. 3) Enhancement of the computer knowledge for the students other than those who have opted Computer Science as one of the subjects.
2. Organisation of student Mentoring Programmes	**i) Programmes for Environment Awareness:** Tree-plantation programmes & maintenance of Eco-friendly campus are organised in the college for the students to inculcate love for "Mother Nature' & increase their awareness for environment. **ii) Programmes for Social Awareness:** "Blood Donation Camps", Awareness Programmes for "Organ Donation", "Beti-Bachao Rally" are some of the programmes organised by us for increase in their social awareness. **iii) Value-Addition Programmes** One Week "Shiv – Mahimna Stotra Pathan Shibir" was organised for girls, where in about 110 girl students participated. **iv) Cultural activities & co-curricular activities:** Several activities and competitions were organised by the college including Dance, Singing, Debate, Essay, Elocution, Poster Presentation and Seminar Competitions. Cookery Competitions and exhibition of the items articles prepared by the students

Internal Quality Assurance Cell (IQAC)

3. Organisation of workshops for faculty development:	The college organised workshops in Electronics, Micro-biology and Applied Physics for the teachers of the affiliated colleges to discusses and finalise scope and the limitations of the syllabus in view of the changed syllabi of these workshops were organised in collaboration with B.O.S of the concerned subjects. Popular lecturer series was organised by IQAC where – in all the faculty members delivered lectures on their chosen topics. A workshop on "Shakes and Sharbat" was organised by Faculty of Home – Science. A workshop on "Libe Saving Skills" was organised for all the staff members.
4) Upgradation of Technical staff:	Workshop on computer training was organised for the technical staff of the college. About 15 staff members participated in this training programme. The workshop included training in "MS- Office & MS-Excel"
5) Increase in curricular offerings and efforts towards designing Innovative programme-	P. G. Diploma in Herbal Technology" has been organised in addition to designing curriculum for Carrier Oriented Programmes. The college designed syllabus for "Diploma in Mushroom Cultivation" and "Instrumentation" . IQAC proposed launching of post-graduate Programmes biology in Chemistry and Electronics.

(Please refer Annexure – I)

2.16 Whether the AQAR was placed in statutory body   Yes ☑ No ☐

        Management ☑   Syndicate ☐   Any other body ☐

Provide the details of the action taken

1. The proposal of IQAC to launch P. G. Course was approved by the Management and resolution was passed to that effect by the LMC of the College. The college submitted proposal to launch P. G. Programmes to the parent university.
2. Budgetary Provision regarding seed Money for Research Projects was increased.
3. For Suitable infrastructure for P. G. Courses, proposal plan has been prepared and approved by the Management.

Internal Quality Assurance Cell (IQAC)

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG				
UG	02	00		
PG Diploma				
Advanced Diploma				
Diploma	01			
Certificate	01			01
Others				
Total	**04**	**00**		**01**

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
   (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	
Trimester	
Annual	02

1.3 Feedback from stakeholders*   Alumni ☐   Parents ☐   Employers ☐   Students ✓

(On all aspects)   *(Please refer Annexure – II)*   ☐

   Mode of feedback   :   Online ☐   Manual ✓   Co-operating schools (for PEI)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

> YES At B.Sc Part-1 level for semester pattern to be introduced from the academic session 2013-2014, new syllabus has been prepared by Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

> NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
29	09	20	00	00

2.2 No. of permanent faculty with Ph.D.

19

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
	01		03						04

2.4 No. of Guest and Visiting faculty and Temporary faculty | | | 22

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	18	24	
Presented papers	10	20	
Resource Persons		02	02

2.6 Innovative processes adopted by the institution in Teaching and Learning:

> Virtual learning environment to support traditional methods of teaching is provided to the students and wide range of techniques for effective learning are used, especially to engage student interest.

Internal Quality Assurance Cell (IQAC)

2.7   Total No. of actual teaching days during this academic year   183/230

2.8   Examination/ Evaluation Reforms initiated by
      the Institution (for example: Open Book Examination, Bar Coding,   Open Book
      Double Valuation, Photocopy, Online Multiple Choice Questions)   On-line MCQ

2.9   No. of faculty members involved in curriculum   06
      restructuring/revision/syllabus development
      as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students   80% approximately

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc - I	283					10.60%
B.Sc - II	173					15.02%
B.Sc - III	68					50%
H.Sc. B.Sc – I	21					38.09%
H.Sc. B.Sc – II	13					53.84%
H.Sc. B.Sc – III	07					100%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

The record of the academic performance of the students in in-house examinations is maintained and so also of the institution in relation to University average as well as other nearby colleges. The data collected regarding academic performance is then placed before IQAC to chalk out strategies for the improvement in the results. Efforts are taken to strengthen remedial coaching.

 Sports facilities, Gymnasium and constant encouragement have resulted into significant increase in participation of the students and award & in various events.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	01
UGC – Faculty Improvement Programme	01
HRD programmes	00
Orientation programmes	01
Faculty exchange programme	00
Staff training conducted by the university	11
Staff training conducted by other institutions	01
Summer / Winter schools, Workshops, etc.	29
Others	00

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	14	06	00	00
Technical Staff	40	09	00	00

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. In order to increase research output and infuse research culture, IQAC of the college has taken initiatives to ensure maximum utilization of Research facilities in various departments of the college.

2. Initiative to establish institutional Linkage for Collaborative Research.

3. Research Advisory Committee has been constituted to monitor research output of the faculty in terms of research projects, papers publications and articles. The data collected by this committee is placed before IQAC as well as LMC to acknowledge their contribution.

3.2   Details regarding Major Projects

	Completed	Ongoing	Sanctioned	Submitted
Number				02
Outlay in Rs. Lakhs				

3.3   Details regarding Minor Projects   :

	Completed	Ongoing	Sanctioned	Submitted
Number	02	07		
Outlay in Rs. Lakhs	2.42 Lacs			

3.4   **Details on Research Publications   : 42**

	International	National	Others
Peer Review Journals	20	04	00
Non-Peer Review Journals	00	00	00
e-Journals	02	00	00
Conference proceedings	03	13	00

3.5 Details on Impact factor of publications:

Range 0.2 to 1.13   Average 0.31   h-index 00   Nos. in SCOPUS 00

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects		UGC	12,34,000/-	10,28,500/-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published   i) With ISBN No. 03   Chapters in Edited Books

ii) Without ISBN No.   01

Internal Quality Assurance Cell (IQAC)

3.8 No. of University Departments receiving funds from   ----- NA-----

UGC-SAP [ ]   CAS [ ]   DST-FIST [ ]

DPE [ ]   DBT Scheme / funds [ ]

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy   [NIL]

Level	International	National	State	University	College
Number		01			
Sponsoring agencies		NAAC			

3.11 No. of conferences   organized by the Institution

3.12 No. of faculty served as experts, chairpersons or resource persons   [03]

3.13 No. of collaborations   International [ ]   National [ ]   Any other [ ]

3.14 No. of linkages created during this year   [01]

3.15 Total budget for research for current year in lakhs : NA

From Funding agency [   ]   From Management of University/College   [   ]

Total   [   ]

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

Internal Quality Assurance Cell (IQAC)

3.17 No. of research awards/ recognitions   received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
02	01	01				

3.18 No. of faculty from the Institution
who are Ph. D. Guides

| 12 |

and students registered under them

| 09 |

3.19 No. of Ph.D. awarded by faculty from the Institution

| 00 |

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF | 0 | SRF | 0 | Project Fellows | 0 | Any other | 0 |

3.21 No. of students Participated in NSS events:

University level | 144 | State level | 02 |

National level | 00 | International level | 00 |

3.22 No. of students participated in NCC events: 25

University level | 25 | State level | 02 |

National level | 06 | International level | 00 |

3.23 No. of Awards won in NSS:

University level | 00 | State level | 00 |

National level | 00 | International level | 00 |

3.24 No. of Awards won in NCC:

University level | 02 | State level | 00 |

National level | 00 | International level | 00 |

3.25 No. of Extension activities organized

University forum | | College forum | |

NCC | 03 | NSS | 08 | Any other | 02 |

Internal Quality Assurance Cell (IQAC)

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Beti- Bachao Rally
Eco-friendly Ganesh Visarjan
Blood Donation Camp
Awareness programme on organ donation – Guest Lecturer participation in rally for awareness of organ donation.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	5 acers			
Class rooms	14			
Laboratories	12+2			
Seminar Halls	02			
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	—			
Value of the equipment purchased during the year (Rs. in Lakhs)	—			
Others	—			

4.2 Computerization of administration and library

Date of the admission of students is maintained. Software's for various heads under which fee is collected from the students are upgraded as & when necessary.
The enrolment form of the students & the scholarships forms are filled on-line.
College takes efforts to expand e-resource availability; in the library in addition to increase in the number of titles.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	16160	1,87,31,174/-	525	2,56,132/-	16685	1,89,87,306/-
Reference Books	532		30		562	
e-Books	30000				30000	
Journals	37	60,000/-	00	00	37	60,000/-
e-Journals	15000				15000	
Digital Database						
CD & Video	162		26		188	
Others (specify)	82		52		134	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	59	01	03	01	00	14	43	02
Added	00	00	00	00	00	00	00	00
Total	59	01	03	01	00	14	43	02

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Computer & Internet access:-
Computer Training is given to the teachers as well as students. Apart from this laboratory staff is also trained to enhance and update their knowledge regarding computers. Efforts for e-Governance are taken. Internet access is there for all the staff members and the students.

4.6 Amount spent on maintenance in lakhs :

i)   ICT

0.5

ii) Campus Infrastructure and facilities

7.73

iii) Equipments

0.5

iv) Others

0.25

Total :

8.98

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> IQAC has helped the institution to enhance institutional efforts for providing necessary assistance to students not only to enrich their academic experience but also to facilitate their holistic progression.
>
> Women Cell, Cell to Curb Sexual Harassment, Grievance Redressal Cell, Anti-Ragging Cell, are present in the college so that student are provided with clean and healthy atmosphere. The begin atmosphere of the college has increased comfort level of the students leading to the improvement in their overall performance.

5.2 Efforts made by the institution for tracking the progression

> The record of the academic performance of the students in in-house examinations is maintained and so also of the institution in relation to University average as well as other nearby colleges. The data collected regarding academic performance is then placed before IQAC to chalk out strategies for the improvement in the results. Efforts are taken to strengthen remedial coaching.
>
> Sports facilities, Gymnasium and constant encouragement have resulted into significant increase in participation of the students and award & in various events.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
506	00	00	00

(b) No. of students outside the state

00

(c) No. of international students

00

Men

No	%
226	44.66 %

Women

No	%
311	61.46 %

Last Year 2011-2012						This Year 2012-2013					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
182	107	14	203	-	506	173	110	22	250	--	598

Demand ratio   Dropout %   **4.18%**

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

> Entry into Services – The College runs a coaching centre for Entry into Services, especially for SC, ST, OBC and other Minority Students to groom them for competitive examinations like MPSC, Railways, Banks etc.

No. of students beneficiaries | 64

5.5 No. of students qualified in these examinations

NET [ ]   SET/SLET [ ]   GATE [ ]   CAT [ ]

IAS/IPS etc [ ]   State PSC [ ]   UPSC [ ]   Others | 03

5.6 Details of student counselling and career guidance

> About 25 students participated in counselling and carreer guidance programmes. Four programmes were organised during the session.

No. of students benefitted | 10

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
02	10	02	NIL

5.8 Details of gender sensitization programmes

> The college takes efforts for gender sensitization. Mostly it is done through programmes such as organisation of Guest Lecturers, Women's Day Celebration, Legal literacy Programmes, Lectures on Empowerment of women, etc. College has a women cell and also women study cewnter which organise various programmes for gender sensitization.

5.9 Students Activities

5.9.1   No. of students participated in Sports, Games and other events   : 76

State/ University level | 13 | National level | 00 | International level | 00

No. of students participated in cultural events   30

09   00   00

Internal Quality Assurance Cell (IQAC)

State/ University level   National level   International level

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level | 09 | National level | 00 | International level | 00 |

Cultural: State/ University level | 04 | National level | 00 | International level | 00 |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	--	--
Financial support from government	280	10,85,755/-
Financial support from other sources	--	--
Number of students who received International/ National recognitions	NIL	NIL

5.11   Student organised / initiatives

Fairs   : State/ University level | 00 | National level | 00 | International level | 00 |

Exhibition: State/ University level | 00 | National level | 00 | International level | 00 |

5.12   No. of social initiatives undertaken by the students | 01 |

5.13 Major grievances of students (if any) redressed:

Fabric of College uniform and stitching quality was not very good. The college immediately took steps to change the fabric and improved stitching of the college uniform.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Our Mission :
- To nurture the obvious and identify the unseen and undiscovered talents of the students so as to turn them towards the success path.
- To give more than the curriculum so as to enrich the academic experience of the learners.
- To provide an ambience which will help the students to keep their focus on studies and build relationship with their peers.

Our Vision:
- To develop global talent through quality and affordable education.
- To produce thriving, determined and vibrant population of youngsters well equipped to move into the knowledge society.
- To prepare students for wide spectrum of positions and profiles in various fields.

6.2 Does the Institution has a management Information System

The college has a college management system CMS – software. The data related to Fees, Scholarships, Enrolment of the students, Library cards etc. can be obtained through CMS.

6.3 Quality improvement strategies adopted by the institution for each of the following:

Quality assurance mechanism is an integral part of the higher education system. Keeping this in focus, quality initiatives have been taken up in our institution to promote excellence in the various constituents of the institution.

6.3.1 Curriculum Development

The IQAC of the institution proposed that curriculum offerings in the college be increased not only for the vertical as well as horizontal growth of the institution but also to offer flexibility to the students in response to their diverse needs.

Need based programmes increase should be so that programme options for the students are available.

Our college designed a curriculum embracing interdisciplinary approaches especially for career – oriented programmes.

Internal Quality Assurance Cell (IQAC)

6.3.2   Teaching and Learning

> The college make 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.

6.3.3   Examination and Evaluation

> In-house Examinations are conducted on-line by offering MCQ'S. On the basis of the evaluation student is placed in a category of slow learner and advanced learner. Remedial coaching is a routine practice in the college for slow learners while advanced learners are given rigorous exercises to maintain consistency in their performance.

6.3.4   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. We strive to infuse culture of collaboration and co-operation. In view of this the faculty members are encouraged to undertake Minor/ Major Research Projects of interdisciplinary nature. The college has institute - linkage with Local Colleges which helps in maximizing utilization of research facilities in both the institutions.

6.3.5   Library, ICT and physical infrastructure / instrumentation

> The college has plans to expand E-Resource availability in the library. Although library working is partially computerised. The college aims to have more media facilities in near future and also efforts are taken for complete digitalization & networking in the library in future media facilities. Use of ICT in teaching –learning process is of cardinal importance. Thus, Faculty members are encouraged to use modern teaching aids to engage student interest.
>
> Optimum use of the available infrastructure is done. All the laboratories are richly equipped. Maintenance & repairs of the instruments is done.

6.3.6 Human Resource Management

The institution takes efforts for training the staff in new communication technologies. These efforts would be made more rigorous. Faculty Development programmes are encouraged, as a part of our developmental strategy in Human Resource Management.

6.3.7 Faculty and Staff recruitment

The recruitment procedure for the affiliated colleges are as per the directives from the University and Joint Director, Higher Education. The prerequisite for this is Roster, the preparation of which is in progress.

6.3.8 Industry Interaction / Collaboration

In view of the significant role of the industry experts in job market, our college evolving plans for collaborate five activities with the industry.

6.3.9 Admission of Students

Admission process of the college has always been transparent. Necessary information about the admission procedure is given in the prospectus of the college. Reservation policies of the Government are followed. Enrolment of the students is done on-line.

6.4 Welfare schemes for

Teaching	Insurance Scheme	Dharampeth Credit Co-op Society
Non teaching	Insurance Scheme	
Students	Insurance Scheme	

The staff members can obtain Emergency loans, Personal Loans through our college credit co-operative society. Stationery, Record Books, Xerox Facility are also available in the credit co-operative society for the staff and the students.

6.5 Total corpus fund generated   02 Lakhs Approx.

6.6 Whether annual financial audit has been done   Yes ✔ No ☐

Internal Quality Assurance Cell (IQAC)

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			YES	Principal & H.O.D's
Administrative			YES	LMC

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes [   ]   No [✓]

For PG Programmes   Yes [   ]   No [   ]

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NOT APPLICABLE

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NOT APPLICABLE

6.11 Activities and support from the Alumni Association

- Guest Lecturers
- Organisation of Short term Courses.
- Guidance & career Counselling to the students

6.12 Activities and support from the Parent – Teacher Association

- Meetings with parents to apparise them about their wards.
- Secretary PTA was co-opted on the cell against sexual harassment as legal adviser. Legal literacy programmes for the welfare of women were conducted.

6.13 Development programmes for support staff

Computer training was given to them in view of the up gradation of office softwares. Workshop for technical staff was organised to update their knowledge in the usage of Equipments / instruments

Internal Quality Assurance Cell (IQAC)

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Installation of Sparow Shelters.
- Vermicompost plant.
- Tree Plantation.
- PUC Camps.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

In addition to self appraisal report which is collected from each of the teaching staff member, college has started taking such report from the technical as well as administrative staff member.

The confidential report of the staff is collected from all the Heads of the Department. The college has prepared its own format of the CR which has three sections. Part – I is self appraisal , part- II is form H.O.D. where in he/she gives the details about the staff members regarding methodology of working, attitude, dependability etc. and finally part – III Principal, who rates the staff member as good, excellent,mediocre & poor.
1. This system has offered transparency.
2. There is no room for prejudices to be reflected in the CR.
3. Technical and administrative staff have developed a sense of competition and have started taking initiatives in improving their personal profiles.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

As was planned in the beginning of the year, the college took following action :
1. Submission of proposal for COP after designing curriculum on mushroom cultivation.
2. Designed curriculum for "P. G. Diploma in Herbal Technology" as innovative programme where facilities from Department of Botany and Chemistry were involved.
3. Proposal to start P. G. Course was submitted to the university.
4. Number of Computers were increased.
5. Titles in the Library were increased.
6. Virtual learning methodology was already adopted in the college. Efforts for its enhancement were taken.
7. Placement services to the students were strengthened.
8. Workshops for faculty development as well as for students and technical staff were organised.

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7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

1) The students of the college took initiative to teach the school going children of slum dwellers. About 20-25 students participated in this activity.

Outcome

i) Peer – teaching enhanced the comfort level of the students.

ii) Students of the college obtained a platform to realise their potential in communicating with the children.

iii) The project was of mutual benefit.

2) self – Government programmes are organised regularly. This has resulted in enhancing the student's interest in learning & this has also resulted in shedding inbitions of the students reducing their stage fear.

7.4 Contribution to environmental awareness / protection

Apart from tree – plantation and organisation of camp to assess pollution under control in the vehicles, college has been taking efforts to increase environmental awareness in the students through activities – Ganesh Visarjana in eco-friendly manner, availing pollution of water bodies – Discouraging students & the staff for using mobiles in the campus.

7.5 Whether environmental audit was conducted? Yes ☐ No ☑

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

1) Positive Steps towards Vertical Growth.
2) Initiatives are taken for enhancement of competence building of the staff.
3) Encouragement to participate in FIP.
4) Good research vibrancy. Faculty dynamism and research interest has gone up.
5) Faculty will have exposure to teach P.G. Classes since college is launching P. G. Courses in Same Subjects.
6) Because of the additional facility Girls Hostel influx of non-local girl students will increase.

8. **Plans of institution for next year**

The college has done benchmarking for the next year on various fronts which are given underneath:

1. Infrastructural development for P.G. Laboratory.
2. Medical Facilities be upgraded .
3. Laboratory updation with addition of more sophisticated instruments.
4. e-Governance be strengthened.
5. Encouraging faculty for submission of proposals for Major and Minor Research Projects.
6. Sports facilities be strengthened.
7. Efforts towards designing innovative programmes.
8. Efforts for enrichment of the research culture.

Dr. Mrs. V. S. Katkar   *Dr. Ms. A. M. Bhate*

SD/-   *SD/-*

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

Date:- 28/08/2014

_____*****_____

ACADEMIC CALENDER 2012-2013

ACADEMIC CALENDAR OF DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE FOR THE SESSION 2012-13 :

MONTH	DATE /week	DAY	OCCASION / EVENT / PROGRAMME
JUNE	Last Week		Principal's Address
JULY	3rd	Thursday	Gurupornima
JULY	3rd Week		Online apptitude test for B.Sc. part - 1
AUGUST	8th	Wednesday	Late Vinayakrao Phatak Memorial Day
			Blood Donation Camp By NSS
AUGUST	9th	Thursday	Rangnathan Day
AUGUST	15th	Wednesday	Independence Day
AUGUST	2 - 3rd Week		Class Test For Senior College
SEPTEMBER	11th	Tuesday	Digvijay Din
SEPTEMBER	3rd Week		Inter Department Seminar Competition
OCTOBER	1st Week		Workshop For Students
OCTOBER	2nd Week		Class Test For Senior College
NOVEMBER	26th	Monday	Constitution Day
DECEMBER	22nd	Saturday	Ramanujan Day
JANUARY	3rd	Thursday	Savitribai Fule Din
JANUARY	12th	Saturday	Vivekananda Jayanti
JANUARY	26th	Saturday	Republic Day
JANUARY	2nd Week		Test Examination (Theory) Senior College
JANUARY	Last Week		Test Examination (Practicals) Senior College

IMPORTANT INSTRUCTIONS :-

1) All the events will be as per the schedule given in the academic calender unless unavoidable.

2) Change in the programme, if any, would be notified as and when required.

3) It is expected that all the staff members and the students would be present for all the functions.

4) Apart from above mentioned activities each department will organise their activities like seminars, guest lectures, industrial visits, study tours, etc. through subject association.

IMPORTANT : All the staff members and students are informed that the college has functional medical center.

Visit of doctors to medical center - Every Wednesday, Time - 3.00 pm to 4.30 pm

(46)

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR.
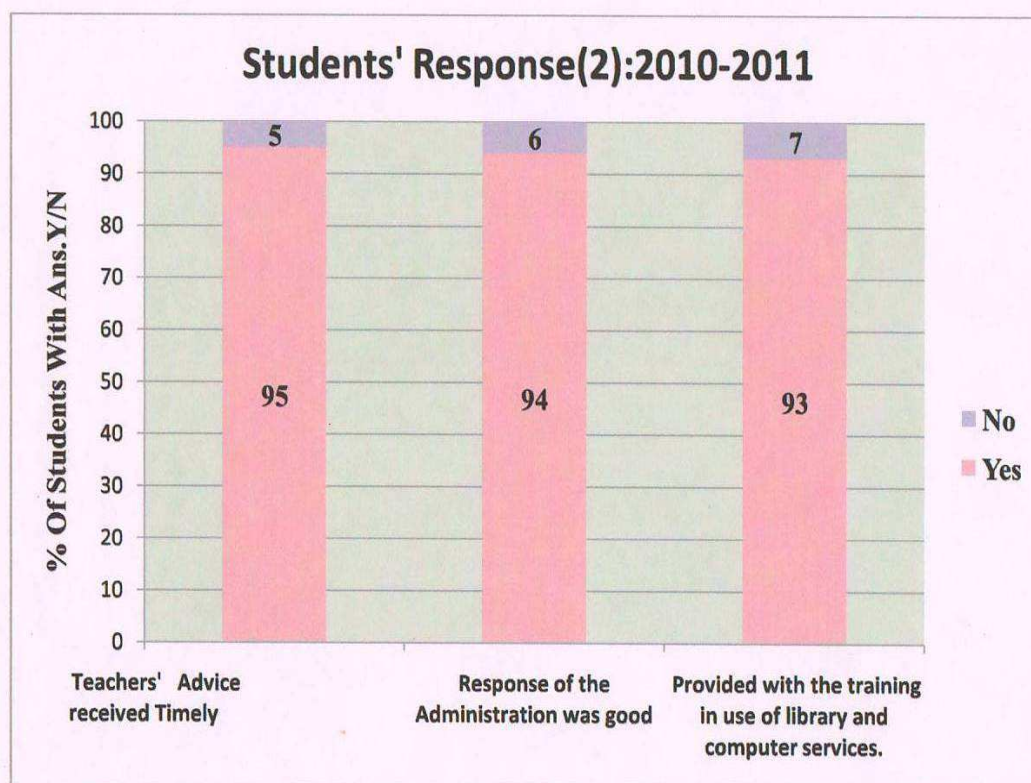## Students Feedback on Overall Rating
ACADEMIC YEAR : 2012-2013
% of students giving score above 7 on 10 point scale.

Sr. No.	Criterion	Maths	Stat.	Ele.	Phy.	Com. Sci.	Che.	Zoo.	Bot.	Micro biology	Home Science
1	Academic Content	87	92	83	94	90	86	87	90	88	89
2	Usefulness of teaching materials	92	82	92	89	95	95	93	91	85	82
3	Timeliness of practical work	96	91	86	94	83	94	81	82	86	89
4	Educative value of mid-term exam	83	82	83	81	88	90	93	83	93	89
5	Giving and getting helpful feed back	92	83	82	88	89	86	92	91	93	89
6	Fairness of evaluation	89	80	82	94	88	88	93	83	92	80
7	Interaction with Teachers	97	80	86	94	88	96	87	90	86	89
8	Interaction with laboratory staff.	88	90	82	89	90	89	88	83	88	90
9	Library Facilities	94	85	80	95	95	88	93	91	88	89
10	Computer Facilities	89	83	80	95	95	80	86	83	87	73
11	Study Tour	....	....	....	....	....	....	....	90	92	....

DHARAMPETH M.P.DEO MEMORIAL SCIENCE COLLEGE, NAGPUR
Feedback Analysis: Exit Questionnaire

(Format No: 6)

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme

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CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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