Submission of Annual Quality Assurance Report (AQAR) in Accredited Institutions

Internal Quality Assurance Cell (IQAC)

DHARAMPETH M. P. DEO MEMORIAL SCIENCE COLLEGE, NAGPUR.

2016-2017

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The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

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. Akhilesh V. Peshwe

Tel. No. with STD Code:

> 0712-2241372

Mobile:

> 09422313334

Name of the IQAC Co-ordinator:

> Dr. Mrs. S. K. Ubale

Mobile:

> 9420246680

IQAC e-mail address:

> iqacdmv@gmail.com

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

1.4 **NAAC Executive Committee No. & Date:**
    (For Example EC/32/A&A/143 dated 3-5-2004.   EC/58/RAR/077 dated March 10,2012
    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/AQAR2016-17.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)*   2016-2017

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   2015-2016 submitted to NAAC on 30/03/2017
    ii.   **1.10 Institutional Status**

University   State ✓ Central ☐ Deemed ☐ Private ☐

Affiliated College   Yes ✓ No ☐

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   --- NA ---

Autonomy by State/Central Govt. / University   ☐

University with Potential for Excellence ☐   UGC-CPE ☐

DST Star Scheme ☐   UGC-CE ☐

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   05

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   01

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 | 02 |

2.11 No. of meetings with various stakeholders: No. | 03 | Faculty | 01 |

Non-Teaching Staff /Students | 01 | Alumni | 01 | Others | 00 |

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

If yes, mention the amount | --- | | | | √ |

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC --- 01 ----

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

(ii) Themes | Preparing SSR |

2.14 Significant Activities and contributions made by IQAC

- Documentation of College activities.
- Assist the Principal in ensuring quality in day to day administration.
- Preparation and submission of AQAR
- Preparing Self Study Report for third cycle of accreditation..

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

The IQAC chalked out a plan of action for quality enhancement and organised / implemented programmes accordingly during the session 2016-17	
Plan of Action	*Achievements*
1. Organisation of programmes for channelling student activities towards skill development.	• Workshops, Poster presentation competitions, Demonstrations, are organised at departmental level.
2. Organisation of student Mentoring Programmes	• Industrial visits and Educational Excursions are arranged for the students
3. Organisation of programmes under the sphere of extension activities and Institute Social Responsibility	• Students contribution through ROTARACT like Nirmalya Visarjan and Computer Training for Under privilege students.
4. Organisation of programmes for Value addition to help students recognize, encourage and inculcate moral values.	• Value Addition Programmes such as Guru Pournima, Samajeek Janiv Diwas (Social Awareness Day, Celebration of Teachers day, Tree Plantation, etc are organised.
5. Organisation of Programmes for Environment Awareness:	Environment awareness programmes like Eco friendly Ganesh Idol making Workshop, Collage competition on World Population Day are organised.

6. Organisation of Cultural activities & co-curricular activities	Annual Cultural event is organised that comprises of Singing and Dancing Competition. Co-curricular activities like quiz competition, Scientific Rangoli competition, Chart Making competition,

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

       Management ☑   Syndicate ☐   Any other body ☐

Provide the details of the action taken

> AQAR was discussed in IQAC meeting . Strategies to improve quality indicators of the institution were discussed.

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	02
Trimester	
Annual	01

1.3 Feedback from stakeholders*   Alumni ✓   Parents ✓   Employers ☐   Students ✓
   (On all aspects)

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

Please provide an analysis of the feedback in the Annexure

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

At B.Sc. Home Science, Part 1 level, semester pattern had been introduced from the academic session 2016-2017, new syllabus has been implemented in 1st and 2nd semester.

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
22	07	15	NIL	--

2.2 No. of permanent faculty with Ph.D.   16

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
	21		00						21

2.4 No. of Guest and Visiting faculty and Temporary faculty   ☐ ☐   83

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	02	08	05
Presented papers	07	11	--
Resource Persons	02	--	--

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

> 1. Use of ICT enabled teaching
> 2. Industrial tours are arranged.
> 3. Experts from various fields invited for guests lectures
> 4. Power point presentations by students encouraged
> 5. Simulated circuit techniques are taught.

2.7 Total No. of actual teaching days
During this academic year

| 180 |

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

> As internal assessment marks are to be submitted in each semester to the university, to maintain uniformity of assessment for all the subjects, the college has developed a system. The individual departments send the internal marks based on this system.

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

| 06 | | |

2.10 Average percentage of attendance of students

| 75% 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	177	04	53	80	---	75%
B.Sc. Home Science	21	01	16	03	---	90.4%

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

1.   Analysis of the results

2.   Development of Internal Assessment System

3.   Development of methods to encourage student involvement

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	00
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	01
Faculty exchange programme	00
Staff training conducted by the university	03
Staff training conducted by other institutions	01
Summer / Winter schools, Workshops, etc.	00
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	13	06?	00	02
Technical Staff	35	09?	00	09

Criterion – III

3. Research, Consultancy and Extension

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

1. Encourage more number of teachers to submit research projects to various funding bodies.

2. Strengthen consultancy services

3.2   Details regarding Major Projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01			
Outlay in Rs. Lakhs	6,00,000			

3.3   **Details regarding Minor Projects**

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01		
Outlay in Rs. Lakhs	145000			

3.4   **Details on Research Publications**   :

	International	National	Others
Peer Review Journals	08	04	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	--	--	--

3.5 Details on Impact factor of publications:

Range 0.5 to 4.26   Average 2.38   h-index 02   Nos. in SCOPUS 06

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	2013-2016	SERB	6,00,000	5,50,000
Minor Projects	2013-2015	UGC	1,80,000	1,45,000
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.   02   Chapters in Edited Books   00

              ii) Without ISBN No.   --

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 [----]

3.11 No. of conferences

Organized by the

Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons [04]

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

3.14 No. of linkages created during this year [ ]

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

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

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
01	--	--	--	--	--	--

3.18 No. of faculty from the Institution
who are Ph. D. Guides [11]
and students registered under them [15]

3.19 No. of Ph.D. awarded by faculty from the Institution [01]

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: 150

	University level		State level	
	70		00	
	National level		International level	
	00		00	

3.22 No. of students participated in NCC events: 22

	University level		State level	
	00		02	
	National level		International level	
	04		00	

3.23 No. of Awards won in NSS: ---

	University level		State level	
	National level		International level	

3.24 No. of Awards won in NCC: 02

	University level		State level	
			02	
	National level		International level	

3.25 No. of Extension activities organized

University forum [02]   College forum [14]

NCC [01]   NSS [11]   Any other [ ]

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

1. Blood Donation Camp
2. Participated in a "Voters Awareness Rally" organized by RTM Nagpur University, Nagpur
3. Participated in Organ Donation Rally organized by RTM Nagpur University, Nagpur
4. Swachchha Bharat Abhiyan
5. Organ donation Awareness programme – Guest Lecture.
6. Road Safety Week
7 Pollution under control camp

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. Softwares 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	17912	--	1595	31880.50	19507	
Reference Books	631	-	122	-	753	-
e-Books	135000+Inflibnet N-List	-	-	-	135000+Inflibnet N-List	-
Journals	35	-	-	-	35	-
e-Journals	6000+Inflibnet N-List	-	N-List	5000.00	6000+Inflibnet N-List	5000.00
Digital Database	01	-	-	-	01	-

CD & Video	195	-	-	-	195	-
Others (specify)	182	-	-	-	182	-

4.4 Technology upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	84	01	03	01	00	21	63	00
Added	02					00	02	00
Total	86							

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

5.00

iii) Equipments

0.5

iv) Others

0.25

Total :

6.25

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC of the institution has defined the objectives and strives to achieve them through various plans and committees. It ensures to fulfill the specific needs of the institution and keeps a constant follow up of essential measures of quality enhancement. Regular updates of the activities as well as hosting of the IQAR are carried out by IQAC. The Cell consistently works to improve the academic and administrative performance of the institution through committees like as women cell , Cell against sexual harassment , Entrepreneurship cell , Students council, Cultural committee etc. It also monitors standards of teaching, learning and evaluation methods from time to time to maintain the overall performance of the institution.

5.2 Efforts made by the institution for tracking the progression

> Constant academic evaluation of the students is done through class tests, surprise tests by each department. Different teaching methods are adapted in order to achieve the required requites of a mixed ability class. Mentor –mentee scheme aids to develop a holistic rapport among students and teachers, wherein the teachers monitors the students overall progress. The Value addition committee, Students' council, extracurricular activities committee, Sports committee and Departmental associations
>
> provides students a platform to enhance their life skills.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
887	---	---	00

(b) No. of students outside the state

00

(c) No. of international students

00

Men

No	%
304	34.27

No	%
583	65.27

Women

Last Year 2015-2016						This Year 2016-2017					
General	SC	ST	OBC	Physically Challenged/ others	Total	General	SC	ST	OBC	Physically Challenged /others	Total
269	147	40	395	--	851	214	148	37	418	70	887

Demand ratio   1.86   Dropout % - 0.5%

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

> - The institute provides special reading resources for competitive exams.
> - The Library is provided with the INFLIBNET facility.
> - Various departments motivate students to enrol for NPTEL courses.

No. of students beneficiaries

--

5.5 No. of students qualified in these examinations

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

IAS/IPS etc [ ]   State PSC [ ]   UPSC [ ]   Others [01]

5.6 Details of student counselling and career guidance

Report of Students Counselling and Career guidance for students

SR. NO.	DATE	NAME OF ACTIVITY	NAME OF COMPANY	NAME OF FACULTY
1	27/06/2016	Career Guidance Seminar in Collaboration with Maharashtra Times on Career in Defence & Science Stream.	Air Force Maintenance Command Nagpur.	Wing Commander Mr. Gangakhedkar & Dr. Y. Rayalu
2	10/8/2016	A seminar on Career Opportunities in Govt. Jobs UPSC, MPSC & Banking Sector.	Prabodhan Bahu Uddeshiya Sanstha, Nashik (Nagpur Unit)	Mr. Rathi
3	13/08/2016	Seminar on Education & Career Opportunities Abroad	Valmiki Consultant	Mr. Bharat Vyas & Mr. Khushlani
4	31/01/2017	Seminar on Business Analytics	ASM Group of Institute Pune, Faculty From IBM, Pune	Mrs. Shital Soni
5	1st & 2nd Feb. 2017	Workshop on PHP (Web Designing) at company premises for B.Sc Computer Science Students	Xceller Nagpur	Mr. Prashant Rakhunde
6	7th Feb. 2017	Seminar on Career in Government Jobs & Private Banking Sector.	Career Launcher	Mr. Naidu
7	15th Feb. 2017	Seminar on "How to crack the SSC, UPSC, MPSC & Banking Exams.	Gadget Guru	Mr. Rahul Vaidya
8	3rd March 2017	Seminar on Career in Robotics	Oberoi Centre for Excellance RTM Nagpur University	Mr. A. Totade

Placement Camp / Drive Organized:

- CL TC organized outsourcing recruitment drive for "CAPE GEMINI". B. Sc. passed out students were sent for interview at Dr. Ambedkar College, Nagpur on 9/9/2016.

- n campus placement drive for B.Sc. passed out students for "Position of MR" in Troikaa Pharmaceutical Company was organized on 3rd March 2017. Two candidates were short listed.

- **Inter Departmental Skill Development Program.**

- epartment of Computer Science & Department of Microbiology jointly organized Two in house skill development program for the students of life sciences.

Sr. No.	Date	Name of Activity	Name of Faculty
1	8th – 12th Aug. 2016	Enhancement of Learning Skills through ICT Tools	Mrs. Snehal Narale & Mrs. Ruma Kapre
2	22nd -27th Aug. 2016	7 days workshop on "Enhancement of Computer Skills"	Mrs. Snehal Narale Mrs. Kalyani Morone & Mr. B. Wanjari

No. of students benefitted: | -- |

5.7 Details of campus placement

Placement Camp / Drive Organized:

HCL TC organized outsourcing recruitment drive for "CAPE GEMINI". B. Sc. passed out students were sent for interview at Dr. Ambedkar College, Nagpur on 9/9/2016.

In campus placement drive for B.Sc. passed out students for "Position of MR" in Troikaa Pharmaceutical Company was organized on 3rd March 2017. Two candidates were short listed.

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

5.8 Details of gender sensitization programmes

The College has constituted Anti Sexual Harassment Cell as per the directions of RTMNU. The Cell addresses and resolves the issues pertaining to sexual harassment. The Cell also organizes various awareness programmes on gender sensitization for the female students and also encourages them to report the matter to the authorities directly or through complaint box installed in the college campus. The Cell also organizes competitions like essay, poster and collage competitions in order to aware the students about safety measures to be taken against sexual harassment.

1. Cell for Prevention of Sexual Harassment was inaugurated by Advocate Mrs.Padma Chandekar .She briefly clarified the basis and significance of such cells and the dire need

of it in today's society. She also emphasized on the importance of Indian Culture, upbringing of children, family bonds and the need to distinguish between right and wrong.

2. Nari Suraksha Samman Sanstha on 18th February 2017.They empowered the students so as to build up their self confidence and personality development.

3. One day workshop was organized on 27th February 2017 under this Cell. Advocate Mrs. Smita Deshpande was guest speaker .She focused on different laws coming under the Cell of Sexual Harassment in work place. Different self defense techniques of Taekwando were also demonstrated by the students.

4. Poster competition and essay competition was conducted under this cell. The theme of the competition was "Awareness against Sexual Harassment".

5.9 Students Activities

5.9.1   No. of students participated in Sports, Games and other events   : 84

State/ University level `--`   National level `01`   International level `00`

5.9.1 No. of students participated in Cultural and Extracurricular activities:

State /University level - `34`   National Level - `00`   International Level - `00`

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

Sports : State/ University level `12`   National level `00`   International level `00`

Cultural: State/ University level `--`   National level `00`   International level `00`

5.10 Scholarships and Financial Support

	Number of students	Amount in Rs.
Financial support from institution	--	--
Financial support from government	128	10,88,965/-
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 :   `10`

5.13 Major grievances of students (if any) redressed:

| NIL |

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 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 curriculum is designed by the University. Some of the faculty members of the college are on various boards of studies; they put forth the expectations of the industries in the respective boards, so that the curriculum can be updated to changing needs of the industry.

During class room interaction, special importance is given to Power Point Presentation, Group discussion, Student seminar and Project work.

6.3.2 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.

6.3.3 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, 2. submission of assignments, 3. class tests and 4. subject wise seminars . Thus the students are evaluated continuously based on the above criteria in both the semesters.

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. In view of this the faculty members are encouraged to undertake Minor/ Major Research Projects of interdisciplinary nature.

6.3.5 Library, ICT and physical infrastructure / instrumentation

> The college has ample E-Resources available in the college. All staff members are registered for the National Digital Library.
>
> LCD facility was provided to Chemistry department.
>
> Many students registered for 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.

6.3.6 Human Resource Management

> The institution takes efforts for training the staff in new communication technologies. Faculty Development programmes are encouraged.

6.3.7 Faculty and Staff recruitment

The recruitment procedure for the affiliated colleges is 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. Due to which the appointments of regular teachers and non teaching staff have been temporarily with held.

To fill up these vacancies, the teachers on clock hour basis are appointed.

6.3.8 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.

6.3.9 Admission of Students

Admission process of the college always has 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	Covered under Group 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.
Non teaching	Covered under Group Insurance Scheme	
Students	Covered under Group Insurance Scheme	Students are insured against accidents.

6.5 Total corpus fund generated | 3.65 Lakhs |

6.6 Whether annual financial audit has been done   Yes [✓]   No [ ]

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	Yes	Principal & various departmental Heads
Administrative	Yes	Joint Director of Higher Education, Nagpur	Yes	College Management.

6.8 Does the University/ Autonomous College declare 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 and seminars
- Guidance & career Counselling to the students

6.12 Activities and support from the Parent – Teacher Association

- The college does not have 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.

6.13 Development programmes for support staff

Computer training is given to them in view of the up- gradation of office soft wares. Workshop for technical staff is organised to update their knowledge in the usage of equipments / instruments

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

- Vermicompost plant.
- Tree Plantation.
- PUC Camps.
- Use of plastics is minimised
- Paper less information system is implemented.

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 media over & 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 has 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. Many Value Addition programs were conducted.
> 2. Students were encouraged to earn while they learn.
> 3. Laboratory up-gradation with addition of more sophisticated instruments

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

> 1) The old electrical gadgets and lights were replaced by energy saving gadgets and LED lights.
> 2) Installation of solar panels is under process in the office and Home Science building
> 2) The college has instituted two prizes, which are given to the best all rounder student from amongst the girls and one from the boys.

*Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

> College has been taking efforts to increase environmental awareness in the students through activities like
> - Tree – plantation
> - Organisation of camp to assess pollution under control of the vehicles,
> - Ganesh Visarjana in eco-friendly manner,
>   avoiding pollution of water bodies
> - Discouraging students & the staff for using mobiles in the campus.
> - Installation of energy efficient devices indirectly helped protecting environment by reduced carbon foot prints.

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 to enhance the competence building of the staff.
> 3) Encouragement for using ICT .

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

> The college has done benchmarking for the next year on various fronts which are given underneath**:**
>   1. More stress on making students aware towards the protection and preservation of the environment.
>   2. Improvement in results.
>   3. All round development of students.
>   4. Developing overall e- governance.

Dr.Mrs.S.K.Ubale   *Dr. A. V. Peshwe*

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

Abbreviations:

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