

The Annual Quality Assurance Report (AQAR) of the IQAC 2015-16.

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.

Part – A

1. Details of the Institution

1.1 Name of the Institution	Dr. Ambedkar College
1.2 Address Line 1	Deekshabhoomi, Nagpur.
Address Line 2	Laxmi Nagar
City/Town	Nagpur
State	Maharashtra
Pin Code	440010
Institution e-mail address	principal.dacn.edu@gmail.com
Contact Nos.	0712-3298042
Name of the Head of the Institution:	Dr. P. C. Pawar
Tel. No. with STD Code:	0712-3298042
Mobile:	9970975935

Name of the IQAC Co-ordinator:

Dr. Mrs. H. V. Menon

Mobile:

9823102007

IQAC e-mail address:

dacniqac@gmail.com

1.3 NAAC Track ID

NAAC / WR-SS/RAR/11295

1.4 NAAC Executive Committee No. & Date:

EC/55/RAR/024 – (dtd. April 2011)

1.5 Website address:

www.dacngp.ac.in

Web-link of the AQAR:

<http://www.dacngp.ac.in/AQAR14-15.docx>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A+	-	2004	2009
2	2 nd Cycle	A	3.17	2011	2016
3	3 rd Cycle	N.A.	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC:

DD/MM/YYYY

21/07/2004

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

2015-16

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR_2011-2012 (03/12/2012)
- ii. AQAR_2012-2013 (23/12/2013)
- iii. AQAR_2013-2014 (28/08/2014)
- iv. AQAR_2014-2015 (26/09/2015)

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)

1.12 Name of the Affiliating University (for the Colleges)

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

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	0	Any other (<i>Specify</i>)	Diploma under Community College Scheme
UGC-COP Programmes	--		

2. IQAC Composition and Activities

2.1 No. of Teachers	10		
2.2 No. of Administrative/Technical staff	02		
2.3 No. of students	05		
2.4 No. of Management representatives	02		
2.5 No. of Alumni	05		
2.6 No. of any other stakeholder and community representatives	02		
2.7 No. of Employers/ Industrialists	02		
2.8 No. of other External Experts	02		
2.9 Total No. of members	29		
2.10 No. of IQAC meetings held	05		
2.11 No. of meetings with various stakeholders:	No.	01	Faculty 01
	Non-Teaching Staff Students 01	Alumni 01	Others 01
2.12 Has IQAC received any funding from UGC during the year?	Yes	0	No
If yes, mention the amount	Rs. 3, 00,000		

2.13 Seminars and Conferences (only quality related)

(i) No. of Workshops organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

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 *

Plan of Action	Achievements
APP of College Annexed as per Annexure - 2	Attachment

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate any other body

Provide the details of the action taken

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	03			
PG	13			
UG	06			
PG Diploma	01			
Advanced Diploma	-			
Diploma				01
Certificate	14			
Others				
Total				

Interdisciplinary		-	-	-
Innovative	02	-	-	-

1.2 (i) Flexibility of the Curriculum: **CBCS** option

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	14
Trimester	-
Annual	02

1.3 Feedback from stakeholders* (On all aspects)

Alumni Parents Employers Students

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.

-) The University frames the syllabus and also makes the necessary revision and updation. The Faculty members of each department along with the heads of department revise the syllabus and send letters to the university with their suggestions for changes as and when required. Few members of our faculty are on the board of studies in their respective faculties in the University.
-) The HODs of various departments and senior faculty members who are in the taskforce constituted by RTM Nagpur University are involved in syllabus framing of different UG and PG courses.
-) The different departments of the college conduct various certificate courses as well as add on courses for which the curriculum is framed by the faculty of that department.

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

-) Diploma in Clinical Research introduced by Department of Biotechnology and Biochemistry in collaboration with Alchemy.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
45	25	19	-	01

2.2 No. of permanent faculty with Ph.D.

31

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
29	-								

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest	Visiting	Contributory
08	10	55

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	51	71	04
Presented papers	24	33	03
Resource Persons	-	-	-

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

- Aptitude Test conducted.
- Brain storming sessions conducted.
- Role play method of Teaching.
- Skill development programmes like UNNATI, SETP, Soft Skill development program & Entrepreneurship Development.
- Moot Courts for students of Law.
- Workshops on subjects like Research, Drafting, Brain & Memory power.
- Educational Quiz competition.
- Career Orientation.
- Social and Gender sensitisation programmes.
- Environment awareness and sustenance based programmes.
- Educational Tours and Industrial Visit for Hands on learning.
- Add on Certificate courses by the department of Commerce, English, Maths, Computer Science, Physics, Chemistry, Statistics and Biotechnology.
- Initiation of “Seeding Lab” in India by Biotech Department.
- Demo of Flash Chromatography Technic by Biotech Department.
- Forum for development of Anti Sickle Cell Drugs inaugurated by Biotech Department.
- Celebration of specific and important days to create awareness like DNA day, Ozone day, Meteorological day, Wetland day, Stats day, Women’s day etc.
- Visit of student of Arts department to Zoology Lab.
- Medicinal plant exhibition for School and College students by Botany Department.
- Preparation of Germ Plasm Bank and Green Audit by Botany Department.
- Creation of Problem Corner by Maths Department.
- Display of Scientific Clips Procured from Internet resources by Zoology Department.
- Project presentation by students of Statistics Department.
- Open Lab short term projects for UG students by Biotech Department.
- Teaching spoken English through Language Lab by English Department.

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

223 Days

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

Open Book exams/ class tests/unit Test/online multiple choice Que. and Ans. College terminal exams

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

05	01	03
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2.10 Average percentage of attendance of students

75

2.11 Course/Programme wise
distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction	I	II	III	Pass %
BA	401	--	05	35	40	19.95 %
BCOM	857	25	96	105	76	35.23 %
BSC	678	10	63	126	85	41.88 %
BCA	237	--	07	21	19	19.83 %
LLB (3YRS)	336	48	50	39	--	44.13%
LLB (5 YRS)	221	33	29	19	--	34.86%

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

<p>) A Teaching plan for the year is chalked out by the teachers and verified by the Head of the Department to match with the APP. The Heads of Departments hold a meeting at the beginning of the session with the teachers to assess the same. The IQAC holds meetings with the Heads twice a year to monitor this and further evaluate the Teaching and Learning Process.</p>
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2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	02
UGC – Faculty Improvement Programme	02
HRD programmes	45
Orientation programmes	01
Faculty exchange programme	00
Staff training conducted by the university	00
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	00
Others (UGC Short term course)	01

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	29	09	-	-
Technical Staff	23	17	-	-

Criterion – III

3. Research, Consultancy and Extension.

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

-) The College has constituted a Research Cell.
-) The Research cell scrutinizes the application for Minor and Major Research projects and the same is discussed in the IQAC.
-) Head of Institution encourages undertaking of Minor and Major Research Projects.
-) Seed money given to Teaching faculty for conducting research.
-) Students research projects initiated and supervised by faculty in science departments.
-) Workshop conducted biannually on research methodology for research scholars.
-) Visits arranged to different Research Institutes.
-) Students of Biochemistry and Biotechnology Department are also involved in research.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	-	01
Outlay in Rs. Lakhs	7,16,800/-	90,000/-	-	19,75,442/-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	03	-	-
Outlay in Rs. Lakhs	6,70,000/-	6,90,000/-	5,30,000/-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	51	81	09
Non-Peer Review Journals	05	-	-
e-Journals	06	-	-
Conference proceedings	50	28	07

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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	02	UGC	3,75,000/-	3,20,000/-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	3,75,000/-	3,20,000/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books
 ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges

Autonomy CPE DBT Star Scheme
 INSPIRE CE

Any Other (specify)

UGC; CICR; CCRI(Central Citrus Research Institute); Indian Science Congress, Nagpur Chapter; MGIRI; Ankur Seeds Pvt. Ltd.; Organics Farming Centre.

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution.

Level	International	National	State	University	College
Number		01			
Sponsoring agencies	--	UGC; CICR; CCRI(Central Citrus Research Institute); Indian Science Congress, Nagpur Chapter; MGIRI; Ankur Seeds Pvt. Ltd.; Organics Farming Centre.	--	--	--

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

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:

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	-

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
11	-	11	-	-	-	-

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

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level	15	State level	10
National level	05	International level	--

3.23 No. of Awards won in NSS:

University level		State level	02
National level	01	International level	-

3.24 No. of Awards won in NCC:

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum	-	College forum	45		
NCC	12	NSS	27	Any other	--

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

1. **Slum adoption** by college to conduct social awareness, personal hygiene and health awareness, cleanliness drive, literacy awareness, legal awareness and other commercial transaction knowledge.
2. **Legal Aid Camp** at Deekshabhoomi during Dhammachakra Pravartan Din celebration where thousands of devotees are given free counselling.
3. **Lab to land project** on biofertilizer for farmers of Hingana village.
4. Cleaning of Telangkheddi Lake after **Ganesh Visarjan, collection of Nirmalya** and proper disposal of Ganesh Idol and cleaning of Rawanwadi forest.
5. **Road safety** awareness program through Bicycle Rally by NSS.
6. Tree Plantation for green campus in memory of HE R. S. Gavai and tree plantation program and rally "**Vriksha Dindya**".
7. Visit to near by slum area under the scheme of **Clean India Mission**.
8. **Swaccha Bharat Abhiyan** by NSS and NCC.
9. Organ Donation Rally by NSS.
10. Run for National Unity by NSS.
11. A talk on "**Women's Health, Well being and Hygiene**" and "**Role of Balance Diet in different age groups**" on the eve of International Women's Day for girl students.
12. **Choti si Asha** – clothes and stationery distribution to Orphanage.

13. Cycle Rally and Padyatra program on the occasion of **World Health Day** in which NCC cadets participated.
14. Celebration of **International Yoga Day** by NCC, NSS students.
15. Celebration of **Constitution Day** by NCC, NSS students.
16. NCC students guide visitors at **Dharmachakra Pravartan Din** for their various needs.
17. Cleaning of Deekshabhoomi by NSS, NCC students.
18. **International Aids Day** program with Awareness Rally to create awareness of Aids and HIV.
19. Visit to Old Age Home and distribution of Fruits, discussion of problems of old age by NCC, NSS students.
20. LED Bulb Workshop to create awareness of LED Bulb technology by NSS.
21. **White Cane Day** celebrated by distributing White Cane to Blind Students.
22. Blood Donation Camp.
23. Debate for students on the topic “**Freedom to Women: Advantageous or Disadvantageous?**”
24. Guest lectures on “**Consumer Awareness**” and “**RTI 2005**” for residents of near by slum area.
25. Forum for Development of Anti Sickle Cell Drugs inaugurated.
26. Organization of **Street Play ‘Mulinchi Shaikshanik Jagruti’ (Educational awareness of girls)** in near by slum area by students of Arts.
27. Visit to Orphanage by Arts students and performance of Street Play “**Eradication of Superstitions**” for inmates of Orphanage.
28. **International Tigers Day** 29th July in collaboration with Maharashtra Forest Department.
29. **World Forest Day** in collaboration with Maharashtra Forest Department.
30. **Tree Plantation** at Ambazari backwater.

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	8278.38	956.14 sq.km.	College	90 Lakh
Class rooms	30	01	College	3,87,953
Laboratories	9		College	4,57,651
Seminar Halls	2	04	College	70,76,060
No. of important equipments purchased (1-0 lakh) during the current year.	-	11	UGC CPE	11,54,490
Value of the equipment purchased during the year (Rs. in Lakhs)	90,64,908	11,54,490	UGC CPE	1,02,19,398
Others	-			

4.2 Computerization of administration and library

Acquisition of Digital Database and access to online books and journals.

❖ Details in point 4.3

4.3 Library services:

YEAR 2015-16	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	48009	5214801	522	151795	48531	5366596
Reference Books	12002	1303700	130	37949	12132	1341649
Total Books	60011	6518501	652	189744	60663	6708245
e-Books	241	89938	13	6249	254	96187
Journals	626 626+102= 728	1597544	116	179992	844	1777536
e-Journals			9	22920	9	22920
Others (specify)						
Digital Database- (Subscribed 2013-14) N-List Developed by UGC- INFLIBNET	E-books		97000	5725	97000	5725
	E-journals		6000		6000	
doab-Directory of open access books	1900 Academic peer-reviewed books online free http://www.doabooks.org					
DOAJ-Directory of open access journals	9740 Journals online free www.doaj.org					
Shodganga -	14992 These uploaded www.Shodhganga.inflibnet.ac.in					
Digital Library of India	More than 50000 books online free, Project developed by Gov. Of India www.dli.gov.in					
CD's & Videos	107	15307	27	4920	134	20227

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Dept.	Others
Existing	160	5	1	1	1	6	2	-
Added	3	1	-	-	-	2	-	-
Total	163	6	1	1	1	8	2	-

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

-) With an aim to go beyond academics, industrial visits provide students with a practical perspective in to the world of work. It provides students with an opportunity to learn practically through interaction, working methods and employment practices. Students of Computer Science department therefore were taken on a visit to the Global logic company in MIHAN.
-) Software Testing Seminar was also conducted for IT students.

4.6 Amount spent on maintenance in lakhs :

i) ICT	53,950/-
ii) Campus Infrastructure and facilities	39,00000/-
iii) Equipments	12,00000/-
iv) Others	-
Total:	51,53,950/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

-) Students are represented in the IQAC and hence IQAC invites suggestion through them regarding the support services requiring betterment and progression with respect to grievance redressal, Anti-ragging, placements etc.
-) Following activities were conducted by the Anti-Ragging Cell of the College.
-) Guest lecture on the topic “Legal aspects of Ragging” by Adv. Ambarish Sonak.
-) Poster making competition and a one day Workshop on Anti Ragging.
-) Panel Discussion on “Ragging, Reasons and Remedies” in which panellists from Psychiatry, Law, Crime Branch and Student’s Representative participated.
-) Three days Workshop was conducted on “Footsteps 2 Employability” in association with Training & Placement cell.

5.2 Efforts made by the institution for tracking the progression

-) The student services progression is tracked by the IQAC through the work of the specific cells like grievance redressal cell, Anti-ragging cell and placement specifically constituted to monitor and implement the same.
-) The Department which is running the post graduation courses especially makes efforts to track student’s progression into higher studies as well as entry into competitive exams.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2472	561	07	30

(b) No. of students outside the state

-

(c) No. of international students

-

Men	No.	%	Women	No.	%
	1099	44.45		1373	55.55

Last Year (2013-2014)								
Gen	SC	ST	OBC	NT	SBC	VJ	Physically Challenged	Total
791	721	98	545	75	50	11	1	2292

This Year (2014-2015)								
Gen	SC	ST	OBC	NT	SBC	VJ	Physically Challenged	Total
737	787	111	659	51	71	12	1	2472

Demand ratio: 2:1 Dropout: 1%

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

NET/SET coaching classes started for Life Sciences students by Botany Department.

No. of students beneficiaries

10

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance.

- J Career guidance programme was organized on topic "Career opportunities after graduation in chemistry field."
- J A career guidance programme for the B.Sc Students by renowned career counsellor Mr. Nilesh Tapase, software Engineer, Centre Manager, Reliance AIMS, Nagpur.
- J Three days Workshop was conducted on "Foot Step 2 Employability" in association with Training & Placement cell.
- J Panel Discussion: Interaction between students of Commerce and Women Entrepreneurs from Vidarbha Industries Association to develop entrepreneurship among the students.
- J Industrial Visits are organized by different departments for Student-Industry interaction.
- J Attached Report of Employment & Career Guidance Cell as **Annexure 3**.

No. of students benefitted

300

5.7 Details of campus placement.

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
3	238	24	10

5.8 Details of gender sensitization programmes.

J	Teachers day celebration: The program was organized in association with Indian Women Scientist’s Association.
J	Programme on ‘ Savitribai Fule Jayanti ’.
J	Cancer Awareness program was organized at Kacchipura (Slum area) , Nagpur on the eve of World Cancer Awareness day on 5th March 2016.
J	Debate competition on the topic “Freedom to women: Advantages or Disadvantages”: On the eve of International Women’s Day celebration.
J	A talk on the topic “ Hygiene, Infant care and Gynaecological problems”: On the eve of International Women’s Day celebration
J	A talk on the topic “Role of balance diet in different age groups”: On the eve of International Women’s Day celebration.
J	Organization of Street Play ‘ Mulinchi Shaikshanik Jagruti ’ (Educational Awareness of Girls) in near by slum area by students of Arts.

5.9 Students Activities.

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

State/ University level National level International level

No. of students participated in cultural events.

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 National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support.

	Number of students	Amount
Financial support from institution	All	
Financial support from government	1291	69,34,290
Financial support from other sources	-	
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level	<input type="text" value="4"/>	National level	<input type="text" value="2"/>	International level	<input type="text" value="-"/>
Exhibition: State/ University level	<input type="text" value="1"/>	National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: **Following grievances were redressed.**

1. Internet facility is provided.
2. OHPs repaired.
3. Teachers are informed to conduct their classes in the rooms specified in the time-table only.
4. Suggestion about dress code was not considered.
5. Girls common room was kept clean.
6. Classrooms were kept clean.
7. All personal problems were solved by Grievance Redressal Committee members at their level. But genuine problems were counselled by Psycho-Socio cell of the college.

Criterion – VI

6. Governance, Leadership and Management.

6.1 State the Vision and Mission of the institution.

- J **Vision:** - To define futures through qualitative, enriching and affordable education.
- J **Mission:-** To create Next Generation Citizens of characters strength and confidence through focused teaching, allround grooming, individual attention & personality enhancement.

6.2 Does the Institution have a management Information System.

Yes, Administrative Procedures including finance for admission process, fee structure, student records enrolment and exam forms.

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

6.3.1 Curriculum Development.

- J Induction & Orientation of curriculum at opening of academic session by major depts. of Science & Law.
- J Some Teaching Faculties are members of BoS.
- J The HODs of various departments and senior faculty members who are in the taskforce constituted by RTM Nagpur University are involved in syllabus framing of different UG and PG courses.
- J The different departments of the college conduct various certificate courses as well as add on courses for which the curriculum is framed by the faculty of that department.

6.3.2 Teaching and Learning.

- 1) Guest Lectures
- 2) Group Discussions
- 3) Class Seminars
- 4) Extempore oration
- 5) Moot Courts for Law students
- 6) Paper Presentation
- 7) Role play method of Teaching
- 8) Educational Visits
- 9) Biological Excursions
- 10) Legal Aid Camps
- 11) Seminars and Conferences
- 12) Educational Quiz
- 13) Problem Corner
- 14) Subject based quiz competition
- 15) Industry visits
- 16) Alumni interaction
- 17) Forensic lab and Central Jail visit for law students
- 18) Lok Adalat participation by Law students
- 19) Working with District Legal Aid Services Authority by Law students
- 20) Visit to Botanical Garden by students of Botany
- 21) Visits to Scientific Institutions like NEERI, CICR.

6.3.3 Examination and Evaluation.

-) Regular Unit Test.
-) MCQ Tests.
-) Aptitude Tests.
-) College terminal examinations.
-) Project Presentations.
-) Power Point Presentations.

6.3.4 Research and Development.

-) Subject specific committees & Associations are annually constituted and activities relating to curriculum & co-curricular topics are conducted.
-) Research projects are undertaken by students of Science Departments like Statistics, Electronics, Botany, Biochemistry and Biotechnology as well as Law Dept and Commerce Dept.
-) Research Cell comprising of faculty members of the college monitors the R&D.

6.3.5 Library, ICT and physical infrastructure / instrumentation.

-) A library Advisory committee is formed which conducts annual meeting in consultation with departmental heads to update library and ICT facilities- the IQAC meets the library committee to discuss and give its suggestion.

6.3.6 Human Resource Management.

The HRD Cell conducts a one week lecture series for Faculty Development Annually by inviting eminent speakers to talk about personal development & health care.

6.3.7 Faculty and Staff recruitment.

Regular Appointments have been made for the Non Grant Courses as per the recommendation of the LEC of RTM Nagpur University, Nagpur.

6.3.8 Industry Interaction / Collaboration

-) The Science departments especially the Physics, Chemistry, Electronics Dept. have industry interaction to give practical training to students.
-) Educational tours are conducted by Dept. of Botany & Zoology.
-) Students of Law make visits to courts, Lok Adalat, Central Jail and Forensic Lab.
-) UNNATI in Collaborations with VIA conducts Industrial Visits.
-) ED Cell also conducts Industrial Visits.
-) Industrial Visits by Computer Dept.
-) Lab to land project on biofertilizer for farmers of Hingana village.

6.3.9 Admission of Students

-) The Science faculty conducts a mock entrance test at the time of admission of the students.
-) The Law faculty gives admissions to students based on the merit lists.

6.4 Welfare schemes for

Teaching	2
Non teaching	2
Students	2

6.5 Total corpus fund generated

7, 11,000/-

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	Yes	Mock Peer team	Yes	Peer team of college
Administrative	Yes	Auditor General office/ Joint Director	Yes	CA of college

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?

- J Teaching faculty of some departments are members of BoS of respective subjects in the University and they are involved in the process.
- J The HODs of various departments and senior faculty members who are in the taskforce constituted by RTM Nagpur University are involved in syllabus framing of different UG and PG courses.

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

NA

6.11 Activities and support from the Alumni Association.

- J Medical Camp is organised twice a year at the NSS camp in rural village at the Deekshabhoomi during Dussehra.
- J Meritorious Alumni interaction is organized in different departments.
- J Meritorious Students are given Awards by the Alumni at the Annual Day program of the college.

6.12 Activities and support from the Parent – Teacher Association.

- J Annual meetings are held and an interactive session of Principal and teachers with parents at the beginning of each academic session is conducted.
- J Parents and Students are members of LMC of the College.

6.13 Development programmes for support staff.

- J Two days workshop on “Awareness, Maintenance and Repairing of Instruments” was organized on 21 & 22 August 2015 by the department of Physics. Instruments kept were frequency generators, C.R.O., Microscopes, heaters, electrical circuit boards, soldering machines, spectrometers, Vernier calipers, screw gauges, power supplies, multimeters, etc.
- J The workshop of non-teaching staff was conducted by department of Chemistry wherein the non teaching staff members were guided in following areas: Preparation of standard solutions, preparation of different reagent bottles, standardization and operation of instruments like conductometer, potentiometer pH meter, colorimeter, preparation of inorganic mixture of two and three components.

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

- J Lab to land project on biofertilizer for farmers of Hingana village.
- J Eco-friendly Holi celebration
- J Wetland Day celebration
- J Ozone Day celebration
- J Meteorological Day celebration
- J Eco-friendly Rakshabandhan
- J Medicinal Plant exhibition for school & college students.
- J Students distributed Natural Dyes for eco-friendly Holi.
- J Plantation drive at college & Deekshabhoomi campus
- J Students Clean non-biodegradable waste from Forests with every successive excursion
- J Preparation of germplasm bank
- J Prepared College Flora & Green Audit Report
- J Cleaning of Telangkhedi Lake after Ganesh Visarjan and cleaning of Rawanwadi forest
- J Tree Plantation for green campus in memory of H.E. Shri. R. S. Gavai and tree plantation program and rally “Vriksha Dindy
- J LED Bulb Workshop to create awareness of LED Bulb technology.

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.

- J Skill development programmes like UNNATI, SETP, Soft Skill development programs & Entrepreneurship Development for students of different Departments.
- J Initiation of “Seeding Lab” in India by Biotech Department.
- J Demo of Flash Chromatography Technic by Biotech Department.
- J Forum for development of Anti Sickle Cell Drugs inaugurated by Biotech Department.
- J Celebration of specific and important days to create awareness like
 - ❖ DNA day,
 - ❖ Ozone day,
 - ❖ Meteorological day,
 - ❖ Wetland day,
 - ❖ Stats day,
 - ❖ Women’s day etc.
 - ❖ World Forests Day.
 - ❖ International Tigers Day.
- J Medicinal plant exhibition for School and College students by Botany Department.
- J Preparation of Germ Plasm Bank and Green Audit by Botany Department.
- J Creation of Problem Corner by Maths Department.
- J Display of Scientific Clips Procured from Internet resources by Zoology Department.
- J Project presentation by students of Statistics Department.
- J Open Lab short term projects for UG students by Biotech Department.
- J Teaching spoken English through the Language Lab.
- J Lab to land project on biofertilizer for farmers of Hingna village.
- J **“Shetkari Melava” (Farmer’s Fair)** organised as part of National Seminar on Innovation in Agri-Biosciences by Botany and Biochemistry Departments.
- J **Book Exhibition** by Library for Students.
- J **Tree Plantation** at Ambazari backwaters.
- J **Nature Club** of the college conducted various activities like Debate competition, Skit competition, Elocution competition and Poster Presentation at District and National level on the **Theme of Nature Conservation, Water Conservation and Tiger Protection.**

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

Annual Development & Implementation plan for the session is attached as **Annexure 1.**

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

-) UNNATI
-) Legal Aid Cell
-) Best Practices Annexed as per NAAC format: **Annexure 4.**

7.4 Contribution to environmental awareness / protection

1. Lab to land project on biofertilizer for farmers of Hingana village.
2. Eco-friendly Holi celebration.
3. Wetland day celebration.
4. Ozone Day celebration.
5. Meteorological Day celebration.
6. Eco-friendly Rakshabandhan.
7. Medicinal Plant exhibition for school & college students.
8. Students distributed Natural Dyes for eco-friendly Holi.
9. Plantation drive at college & Deekshabhoomi campus.
10. Students Clean non-biodegradable waste from Forests in every successive excursion.
11. Preparation of germplasm bank.
12. Prepared College Flora & Green Audit Report.
13. Cleaning of Telangkhedi Lake after Ganesh Visarjan and cleaning of Rawanwadi forest.
14. Tree Plantation for green campus in memory of H.E. Shri. R. S. Gavai and tree plantation program and rally "Vriksha Dindy.
15. LED Bulb Workshop to create awareness of LED Bulb technology.
16. **International Tigers Day** 29th July in collaboration with Maharashtra Forest Department.
17. **World Forest Day** in collaboration with Maharashtra Forest Department.
18. **Tree Plantation** at Ambazari backwaters.
19. Nature Club of the college conducted various activities like Debate competition, Skit competition, Elocution competition and Poster Presentation at District and National level on the theme of Nature Conservation, Water Conservation and Tiger Protection.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add.

Attached SWOT Analysis reports as per **Annexure 5**

8. Plans of institution for next year 2016-17

PLANS OF INSTITUTION FOR NEXT YEAR

Dr. Ambedkar College is sanctified by its presence on the Holy Deekshabhoomi. The footsteps of revolutionary stalwarts like the architect of the Constitution Dr. Babasaheb Ambedkar adds to the glory of this exemplary college which is centrally located and has the pride of being a premier educational institution imparting quality education for more than 4 decades in the subjects of Arts, Science, Commerce and Law. The college proudly continues to march ahead into the 53rd year of carrying out the noble task of disseminating higher education to students from all walks of life, especially rural areas and weaker sections of society who excel in the pursuit of academic knowledge and career oriented courses. The college is equipped with State of the Art Infrastructure and equipment, versatile teachers with updated academic knowledge and wisdom. The forthcoming academic year presents us with a fresh mosaic of possibilities and challenges to make our work fruitful and focused on the goal of achieving a globalised education pattern rooted in the rich culture and traditions of our soil while catering to the special social spectrum and responsibilities.

A. Curricular aspects.

- Conducting educational Visits of students of Physics, Chemistry, Zoology, Botany, Biochemistry, Electronics, Law and Commerce.
- Industrial visits by the department of Computer Science, Statistics, Chemistry and Commerce.
- Study tour by departments of Botany, History, Economics and Pali Prakrit.
- Inauguration of subject specific societies.
- Interdisciplinary programme of Dept. of Botany and Zoology with languages.
- Botany Quiz.
- Literary Quiz.
- Stat Quiz.
- Bio-Genius Quiz.
- Interdisciplinary programs and class seminars by Dept. of Economics, History and Political Science.

B. Teaching – Learning & Evaluation.

- Conduct of Workshops on Research Methodology and Drafting & Pleading by Dept. of Law.
- Conduct of Workshop on Creative Writing by Department of English.
- Bioinformatics Workshop by Department of Biochemistry and Biotechnology.
- Workshop on Plant Preservation by Chitley technique by Botany Department.
- Workshop on E-Herbarium of RET plant by Botany Department.
- Workshop on Animal Tissue Culture by Department of Biochemistry and Biotechnology.
- Workshops for Non-Teaching Staff.
- Career orientation Programme - An Interactive session of students & representatives of career avenues - for students of Science & Law.
- National Level law festival with competitions like moot court, case study, poster making essay writing.
- Workshop in Language Lab.
- Interactive program with Lawyers and Judges.
- Debates, Essay and Oratory competitions at College level.

C. Innovative Practices.

- Adoption of nearby Slum.
- Seeding Lab activity.

- Medicinal Plant exhibition.
- Non Bio degradable forest cleanup drive.
- Celebration of: DNA day, Ozone day, Meteorological day, Wetland day, Stats day.
- Creation of problem corner by Maths Department.
- Student mentoring activity by Departments of Science and Law.
- Intercollegiate student Seminar Competition.

D. Research and Consultancy.

- Research projects on social issues to be undertaken by students of sociology.
- Student projects by Departments of Statistics, Biochemistry, Biotechnology, Chemistry, Physics, Electronics and Computer Science.
- Socio-legal Projects on contemporary socio legal issues to be undertaken by PG students of Law.
- Organizing student visits to Research Institutes.
- Organizing 1 week workshop on Research Methodology for teachers.
- Moving towards 100 % Research by faculty members.
- Revenue generation and consultancy by Departments of Botany, Biochemistry, Biotechnology and Physics.

E. Extension activities.

- Activities of Nature Club.
- Blood Group & Hemoglobin testing camp for students.
- Annual NSS camp.
- Annual medical camp.
- Annual legal Aid Camp in nearby slum and rural area.
- Annual and regular activities by NCC Cell.
- Visit to Old Age Homes by NSS, NCC and Arts Students.
- Social awareness and allied activities in nearby slum area.
- Lab to land project on biofertilizers for farmers of Hingna village.
- Environment friendly awareness and sustainability based activities.
- Organizing Inter Collegiate Open & District Tournaments of various Games & Sports.
- Organizing clinics & workshops related to sports and various games.

F. Student Support Services.

- Awareness programme by Anti ragging cell.
- Awareness programme for girl students by W.D. Cell.
- Annual UNNATI programme - a personality & skill development programme.
- Soft Skill Development programme by Chemistry Department.
- Conduct of Modules of English remedial coaching and Personality & Skill Development by the Dept. of law under the SETP (Skill Enhancements Training Programme).
- Annual E.D. Cell activities.
- Student Mentoring Activities.

Name: Dr. Mrs. H.V. Menon

Name: Dr. P. C. Pawar,
Principal

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

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