Maulana Azad Education Society's

Maulana Azad College of Arts, Science & Commerce

Dr. Rafiq Zakaria Campus-I

Dr. Rafiq Zakaria Marg, Rauza Bagh, Aurangabad- 431001 Maharashtra

NAAC Re-accrediated Grade "A" (2015)

Est. 1963

Affiliated to

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

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

> **MAULANA AZAD COLLEGE OF ARTS, SCIENCE AND COMMERCE**

1.2 Address Line 1

> **Dr. RAFIQ ZAKARIA CAMPUS, AURANGABAD**

Address Line 2

> **Dr. RAFIQ ZAKARIA MARG**

City/Town

State

> **AURANGABAD**
>
> **MAHARASHTRA**
>
> **431001**
>
> **macprincipal@gmail.com**

Pin Code

> **0240 2381102**

Institution e-mail address

> **09404485477**

Contact Nos.

> **0240 2381102   0240 2390388**

Name of the Head of the Institution:

> **Dr. M. Razaullah Khan**

Tel. No. with STD Code:

Mobile:

Name of the IQAC Co-ordinator: **Dr. Aditi Bhattacharya**

Mobile: **09823581884**

IQAC e-mail address: **aditimaca@gmail.com**

1.3 **NAAC Track ID** (For ex. MHCOGN 18879) **MHCOGN 10798**

1.4 Website address: **http://maca.ac.in**

Web-link of the AQAR: **http://maca.ac.in/AQAR 2015-16.html**

For ex. http://www.ladykeanecollege.edu.in/AQAR201213.doc

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	**A**		**2004**	**5 Years**
2	2nd Cycle	**A**		**2015**	**5 Years**
3	3rd Cycle				
4	4th Cycle				

1.6 Date of Establishment of IQAC :   DD/MM/YYYY   **06/09/2005**

1.7 **AQAR for the year** (*for example 2010-11*)   **2016-17**

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

   i.   **AQAR**   **2015-16**   **(29/09/2016)**

   ii.   **AQAR**   **2016-17**   **(12/02/2018)**

  iii. AQAR_____ (DD/MM/YYYY)

  iv. AQAR   (DD/MM/YYYY)

1.9 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 ☐ N o ✔

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education ✔   M e n ☐   Women ☐

                   Urban ✔   Rural ☐   Tribal ☐

Financial Status   Grant-in-aid ✔   UGC 2(f) ✔ U G C 1 2 B ✔

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

1.10 Type of Faculty/Programme

Arts ✔   Science ✔   Commerce ✔   L a w ☐   PEI (Phys Edu) ☐

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

Others (Specify) [   ]

1.11 Name of the Affiliating University *(for the Colleges)* **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.**

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

Autonomy by State/Central Govt. / University	NO		
University with Potential for Excellence	YES	UGC-CPE	YES
DST Star Scheme	NO	UGC-CE	NO
UGC-Special Assistance Programme	NO	DST-FIST	NO
UGC-Innovative PG programmes	YES	Any other (*Specify*)	
UGC-COP Programmes	YES		

2. IQAC Composition and Activities

2.1 No. of Teachers   8

2.2 No. of Administrative/Technical staff   1

2.3 No. of students   1

2.4 No. of Management representatives   2

2.5 No. of Alumni   1

2. 6 No. of any other stakeholder and   1
       community representatives

2.7 No. of Employers/ Industrialists   1

2.8 No. of other External Experts

2.9 Total No. of members   15

2.10 No. of IQAC meetings held   2

2.11 No. of meetings with various stakeholders: **7** Faculty **4**

Non-Teaching Staff Students **2** Alumni **1** Others **1**

2.12 Has IQAC received any funding from UGC during the year? Yes If ☐ N o ✓

yes, mention the amount ☐

2.13 Seminars and Conferences (only quality related)

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

Total Nos. **0** International **0** National **0** State **0** Institution Level **0**

(ii) Themes ☐

2.14 Significant Activities and contributions made by IQAC

> **IQAC Promoted following activities:**
> 1) **NAAC Re-accreditation completed during the year and grade "A" retained.**
> 2) **Strengthened the career counselling and guidance cell.**
> 3) **Promotion of research by motivating faculty members through orientation by IQAC.**
> 4) **ICT based learning adopted by maximum departments.**
> 5) **The College has CPE Status given by UGC.**
> 6) **The College is ICAI affiliated centre for imparting oral coaching to CA-CPT Course**

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
Strengthening of career counselling and guidance cell	**Retained "A" Grade**
E-Content Development Centre	**UGC awarded CPE status to the college.**
Seminar on Faculty Development	**Establishment of smart classes in the college.**
	Increase in campus / pool campus placements.
	One Week National Level workshop on Research Methodology in Social Sciences

Attach the Academic Calendar of the year as Annexure.

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

Management ☑ Syndicate ☐ Any other body ☐

Provide the

details of the action taken

The management appreciated the achievements highlighted in the AQAR.

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	06			
PG	14		14	
UG	08		05	06
PG Diploma	03		03	
Advanced Diploma				
Diploma				
Certificate	01			
Others				
Total	32		23	06

Interdisciplinary				
Innovative				

1.2   (i) Flexibility of the Curriculum: CBCS/Core/ ✓**Elective option** / ~~Open options~~

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	**24**
Trimester	
Annual	**1**

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.

> **CBCS has been introduced at P.G. level from 2015-16**

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
42	**27**	**15**	**-**	**Nil**

2.2 No. of permanent faculty with Ph.D.   **3 7**

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
							18		**18**

2.4 No. of Guest and Visiting faculty and Temporary faculty   **0 8**   **1 8**   **1 9**

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	**7**	**15**	**03**
Presented papers / Seminars	**8**	**19**	**05**

	Resource Persons	-	**02**	-

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

> **Smart classes added in the institution for effective e-content sharing.**

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

> **191**

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

> **Double evaluation**

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

> **6** **3** **-**

2.10 Average percentage of attendance of students

> **83.5%**

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.Com.	**90**	-	**21**	**24**	-	**50.00%**
B.A.	**41**	-	**11**	**18**	-	**70.73%**
B.Sc.	**176**	**9**	**22**	**30**		**34.65%**
B.Com. E-Commerce	**3**		**3**			**100.00%**
BCS	**47**		**23**			**48.93%**
B.Sc. Bio. Tech.	**7**	-	**4**	-	-	**57.14%**
BCA	**17**	-	**15**			**88.23%**
BBA	**51**	**3**	**18**	**6**		**56.25%**
M.Sc. Analytical Chem.	**37**	-	**14**	-	-	**37.84%**
M.Sc. Gen. Chem.	**36**		**13**			**36.11%**
M.Sc. Ind. Chem.	**20**	-	**12**	-	-	**60.00%**
M.Sc. Maths	**39**	-	**14**	-	-	**35.90%**
M.Sc. Computer Science	**28**	-	**7**	-	-	**25.00%**
M.Com.	**35**	**07**	**15**	-	-	**62.85%**
MPM	**11**	**04**	**03**	-	-	**63.63%**

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

The IQAC monitors academic activities throughout the year and keeps track of all academic matters as well as students welfare. Measures are suggested to healthy practices and feedback is collected through sampling.

The ultimate outcome of teaching & learning process is reflected in terms of achievements by the students in university examination. This year also 6 students were in Merit List/ Subject Toppers of university examination.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	**3**
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	**2**
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	**8**
Others	**1**

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	**69**	**12**		
Technical Staff		**01**		

Criterion – III

3. Research, Consultancy and Extension

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

- **IQAC encourage teachers to organise international, national, regional conferences and seminars.**
- **Non PhD teachers are motivated to register for PhD.**
- **Research committee constituted by IQAC to meet periodically to discuss current research trends and issues. Proper help and support is given to teachers to avail themselves of faculty development program**

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	**2**		
Outlay in Rs. Lakhs			**7,13,029**	**12,58,600**

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-		
Outlay in Rs. Lakhs	-	-		

3.4   Details on research publications

	International	National	Others
Peer Review Journals	**73**	**11**	
Non-Peer Review Journals			
e-Journals			**3**
Conference proceedings			

3.5 Details on Impact factor of publications:

Range **0.776-5.69**   Average **3**   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	**2016 -17**	**UGC**	**7,13,029**	**12,58,600**
Minor Projects			-	-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	**2015 Onwards**	**Dr. BAMU, Aurangabad**	**35,000**	**35,000**
Students research projects *(other than compulsory by the University)*				
Any other(Specify)	**2015 Onwards**	**ICSSR**	**75,000**	**75,000**
Total			**8,23,029**	**13,68,600**

3.7 No. of books published i) With ISBN No. **3** Chapters in Edited Books **4**

ii) Without ISBN No. [ ] **6 Articles in book**

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) [ ]

3.10 Revenue generated through consultancy **8500**

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number		**3**			
Sponsoring agencies		**UGC**			

3.12 No. of faculty served as experts, chairpersons or resource persons   [5]

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	
	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
					1	

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

17 from institution

6 8

3.19 No. of Ph.D. awarded by faculty from the Institution   [7]

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

JRF [1]   SRF [1]   Project Fellows [ ]   Any other [-]   -

3.21 No. of students Participated in NSS events:

University level [50]   State level [01]

National level [40]   International level [2]

3.22 No. of students participated in NCC events:

University level [ ] State level [50]

National level [07] International level [ ]

3.23 No. of Awards won in NSS:

University level [-] State level [1]

National level [-] International level [-]

3.24 No. of Awards won in NCC:

University level [-] State level [-]

National level [1] International level [-]

3.25 No. of Extension activities organized

University forum [-] College forum [-]

NCC [3] NSS [12] Any other [2]

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

- **The college has constructed a Bandhara in collaboration with G-SEED at Rasoolpura village that has solved the water scarcity problem of the village.**

- **College Play Ground & Seminar hall let out for various programms to different institutions and schools.**

- **College faculty and students actively participate in various social campaigns and rallies.**

- **Ms. Pathan Sabahat won cash prize of Rs. 10,000/- in YUVAK BIRADARI Mumbai.**

- **Mr. Moinuddin Farooqui NCC Cadet participated in All India NCC Contingent, at Rajpath New Delhi.**

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	1,09,265.56 Sq. M.			1,09,265.56 Sq. M.
Class rooms	35			35
Laboratories	21			21
Seminar Halls	01			01
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		86,920	Non Salary	86,920
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others		7,34,100		7,34,100

4.2 Computerization of administration and library

Libman software installed.

Fully Computerized Library

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	66,701	65,66,902	1,262	4,81,675	67,963	70,48,577
Reference Books						
e-Books	N-List	5,000	NIL	Nil	N-List	
Journals	82	71,820	NIL		50	
e-Journals	N-List				N-List	
Digital Database						
CD & Video	185	-	NIL	-	185	-
Others (MAPS)	11	1,440	NIL	-	11	1,440

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	**213**	**6**	**Yes**	**04**	**2**	-	-	-
Added	--	--	--	--	--	--	--	--
Total	**213**	**6**	**Yes**	**04**	**2**			

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

Computerization of administration and library is completed. IT zone established in library.

4.6 Amount spent on maintenance in lakhs:

i) I C T   **N i l**

    i i)   Campus Infrastructure and facilities   **2, 32,918.00**

                                     86,920.00

iii) Equipments

                                   16, 68,998.00

iv) Others

           Total: **19, 88,836.00**

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Committees have been constituted to look after the students support & progression. Regular meetings and feedback are reviewed.

5.2 Efforts made by the institution for tracking the progression

Respective Departments/ Committee maintains records of students progression.

Like every year this year also 7 students appeared in University Merit List.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2069	**496**	**68**	

(b) No. of students outside the state

18

(c) No. of international students

49

Men	No	%		Women	No	%
	41	**83.67%**			**8**	**16.33%**

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2142	**71**	**5**	**120**	**2**	**2340**	**2309**	**71**	**10**	**174**	**01**	**2565**

Demand ratio **1:1**   Dropout **23.67%**

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

> **The college has a separate Competitive Exams Coaching cell. It provides coaching for various competitive examinations.**
>
> - **Lecture on IISC-JAM was organised to brief students about the nature of exam, it's syllabus and paper pattern on 04/08/2016. 6 students of B.Sc.-III Year Participated**

No. of students beneficiaries   **52+**

5.5 No. of students qualified in these examinations

NET **01**   SET/SLET **01**   GATE [ ]   CAT [ ]

IAS/IPS etc [ ]   State PSC [ ]   UPSC [ ]   Others (JAM) **02**

5.6 Details of student counselling and career guidance

> **The college has a separate Career Counselling and Guidance Cell which fulfills the training and placement needs of the students.**
>
> - **Personality Development Workshop by Smit Udaygiri was organised on 10/12/2016. 123 students attended the workshop.**
> - **Career Opportunities & Personality Development workshop by Mr. Joseph Monis, Sr. Member, Education & Research Diversity & CSR Office, Infosys Ltd. was organised on 15/12/2016. 145 students attended the workshop.**
> - **The college signed MOU with Quick heal Foundation on 27/04/2017.**

No. of students benefitted　　**268**

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
--	--	--	**05**

5.8 Details of gender sensitization programmes

> - **A lecture on 'Internal Complaint Committee' was organized by the Women Development Cell of the college on 13/02/2017. Adv. Zartab Ansari delivered meaningful information on the subject, Staff and students attended the lecture.**

5.9 Students Activities

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

State/ University level　**12**　National level　**22**　International level　**- -**

No. of students participated in cultural events

State/ University level　**72**　National level　**18**　International level　**- -**

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

- -

- -

Sports : State/ University level | **10** | National level | -- | International level | --

Cultural: State/ University level | **41** | National level | 09 | International level | --

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	25	3,06,015.00/-
Financial support from government	779	12,96,657.00/-
Financial support from other sources	04	21,595.00/-
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs   : State/ University level [ ]   National level [ ]   International level [ ]

Exhibition: State/ University level [1]   National level [ ]   International level [ ]

1. **Poster Exhibition on   Health Awareness was organised in collaboration with Health Dept. Aurangabad Municipal Corporation on 27/08/2016**

2. **At College level following initiatives were taken:**

A. **A programme on 'Planet in Safe Hands' was conducted for formation of seed bank and seed scatter. Collection of seeds was done by students and collected seeds were distributed among students for scatter. (12/08/2016).**

B. **Poster presentation by students on World AIDS Day. (01/12/2016).**

C. **Poster exhibition on awareness regarding Dengue Fever. (20/12/2016)**

5.12 No. of social initiatives undertaken by the students

- **Tourism Club formed in collaboration with History Development on 07/09/2016.**
- **Distribution of saplings obtained from seed scattering among students for plantation in college premises and periphery. (03/12/2016).**
- **Students started Grocery Bank with contributions from Principal, Staff and students. Grocery was distributed to the needy segments of society on 21/02/2017.**

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

Vision:

"The college visualizes the academic and intellectual development, moral uplift, social commitment, cultural refinement, spiritual and emotional maturity of the future generation of India. The vision also includes the holistic improvement in the realm of higher education in the jurisdiction of the institute"

Mission:

To shape its vision into concrete reality the institution has the following mission.
- **To impart education at reasonable and affordable fees.**
- **To cultivate quality of excellence in education.**
- **To promote value based and socially committed human resource.**
- **To boost scientific and technological temperament.**
- **To provide ample opportunities of improvement to educationally and economically disadvantaged societies in general and minorities in particular.**

6.2 Does the Institution has a management Information System

Yes, we have hierarchy system to carry out management information system

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

6.3.1 Curriculum Development

Teachers are encouraged to participate in curriculum design in University. 4 faculty members are actively involved in syllabus framing.

6.3.2 Teaching and Learning

The college has implemented an effective system of teaching and learning. As per changing requirement the process is enriched by adopting new methods of learning, e-learning tools are considered as new methods of choice. Teachers are encouraged to adopt modern e-learning methods to supplement the core teaching. College has two Smart Class room which are used by teachers for showing short movies, PPT and online lectures to the students.

6.3.3 Examination and Evaluation

- **Internal evaluation process is undertaken for some courses.**
- **Assignments and projects are given to final year UG& PG students.**
- **Teachers are taking part in Paper setting, paper assessment, Redressal etc. at university level.**
- **District Central Assessment Scheme for assessment of UG Course. (BA) of University exam.**
- **University Examination Centre for UG & PG Courses**

6.3.4 Research and Development

The teachers are now focussing on research publications, as recommended by UGC the number outputs have increased over the years. The quality of research is reflected in publications in high impact factor journals the citation index also increased in last 2 years.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The college library is well stocked and have facilities for INFLIBNET, OPAC, N-list etc. the software LIBMAN is implemented in the library. The number of books added during the year are775.

6.3.6 Human Resource Management

Appointment of teaching and non –teaching staffs are made as per government rule as and when new vacancies arise.
Proper care is taken in the selection process for keeping quality in the appointments.

6.3.7 Faculty and Staff recruitment

The faculty and staff recruitment is done on the basis of merit as per the qualification prescribed by UGC and Govt. of Maharashtra Rule. The vacancies arising at different points of time are notified in news papers and accordingly applications are invited.

6.3.8 Industry Interaction / Collaboration

The industry-institute need based. As and when need is felt the cooperation is extended by industrial organisations. In project placement the industrial units are approached and students are placed.

6.3.9 Admission of Students

> **Admissions are given according to norms of Dr. BAMU. Aurangabad**
> - **Students for general courses like B.A., B.Sc. and B.Com. are selected on basis of merit by undergoing registration process.**
> - **The Counseling Cell of the college guides the aspirants for different courses to make a choice according to their aptitude and ability.**
> - **The admissions to PG courses are made through separate CET (Common Entrance Test) for each subject.**
> - **The college admits the students solely on the basis of merit in the Common Entrance Test conducted by the college provided, they have minimum 45 % marks in the qualifying examination.**

6.4 Welfare schemes for

Teaching	**College employees Credit Society, Gratuity, Pension**
Non teaching	**Credit society, Gratuity, Pension, non-teaching welfare soc**
Students	**Govt. Scholarship, Basic medical facility, Counselling cell & Minority scholarship, Career guidance, remedial and bridge courses**

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes ✔ N o

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	**-**	**University**	**Yes**	**IQAC**
Administrative	**Yes**	**Senior Auditor Govt. Maharashtra**	**Yes**	**IQAC**

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?

> **University adopted the method of sending question papers online one hour before schedule time of commencement of paper from academic year 2015-16.**

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

6.11 Activities and support from the Alumni Association

> **Alumni visits the college regularly and alumni from the industry are suggesting the new developments and requirement in the industry related to curriculum They are also helping college in various activities ranging from training and coaching of students to donation of books and equipment.**

6.12 Activities and support from the Parent – Teacher Association

> **Parent teacher meet is arranged once in a year to discuss the progress of the students as well as difficulties in availing facilities available to their wards.**

6.13 Development programmes for support staff

> **Supporting staff is deputed to skill based training like computer software training, data handling, documentations, accounting software, online admission, examination software training etc.**

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

> **Maintained the activities of the previous year i.e. Rain water harvesting ,Medicinal plant demonstration garden ,Eco-friendliness in the campus is the policy of the college. Lawns and gardens are maintained with utmost care. .Approach roads are lined with trees and shrubs.**
> **Use of plastic materials is prohibited in the college. Campus is made vehicle free zone etc.**

Criterion – VII

7. <u>Innovations and Best Practices</u> (2016-17)

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

Students of Microbiology participated in the workshop on 'Techniques in RDT", held at Govt. College, A'bad. Awareness and sensitisation of students and the society at large regarding behavioural disorders was done through a presentation on 'Autism" along with awareness drive on Dengue fever, Aids and Diabetes. Students of the Zoology department visited the Zoological museum. The changing financial , banking and accounting scenario was depicted with the help of cartoons by the students of the Department of Commerce and Management Science through "Moneytoons". The Geology department has prepared utensils made of rocks and agate along with other show pieces.

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

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

BEST PRACTICE: Water Conservation.

Title of the Practice : "Rejuevenation of ancient old wells in the campus and in Aurangabad city using the geological expertise of the College.

Goal: A few of these wells have been shortlisted area wise and detailed geological survey was done to start with the rejuevenation work.

The Relevance: Water scarcity is a major problem in our region and thus we are on the lookout for sustainable solutions. The best solution would therefore be the reconstruction ,repair or rejuevenation of existing water resources. The wells which used to be a dependable source of

water for the Aurangabad city have been converted to dumping grounds due to lack of concern leading to neglect of these rich water resources. People inhabiting these areas also lack the knowhow for rejuvenation of these wells. Of the two wells on which work has been started, one is near the Naval Tata Stadium of our college and the other in the Padegaon suburb of Aurangabad (water scarcity area).

The Practice: The wells were analysed as per the well inventory survey manual. A road map was constructed and budgetary allocations for the same was done. The entire cost of rejeuvenation was borne by our college. The following steps were carried out for the well in the campus : Cleaning, dewatering and pump test, percolation test, recuperation test , complete desilting , scrapping of walls to remove the algal growth and depth increase by a meter. The construction of parapet walls was done along with netting. Pumping assembly was installed and pipelines were also laid .

Evidence of success: The inauguration of the work was done by the Municipal Commissioner , Mr.Satish Muglikar .After completion of the work , we have become self sufficient with respect to water. This water is being used for the abounding greenery of our campus and for maintaining the lawns. Municipal water distribution load has been lessened. Presently , the excess water is being provided to those in need through the available pipelines laid by us.

Problems encountered and resources required: The costs are quite high and thus we are looking out for companies willing to help us through their CSR. Several instruments are needed which have to be hired. However if we can buy these instruments then several of these wells can be rejeuvenated with minimum expenditure. Permission of Aurangabad Municipal corporation is lengthy process when wells outside the campus have to be handled. Local villagers have to be taken into confidence through meetings and Gram Sabha.

BEST PRACTICE II:

Title of the practice : "To lead by example : Rain water harvesting plan along with filter bed construction for Aurangabad Municipal corporation".

Goal: To create awareness and urgency regarding innovative rain water harvesting for the Aurangabad Municipal Corporation (AMC) and filter bed construction, done through a request from Municipal commissioner, Aurangabad to our Principal.

The Relevance: AMC is going to make it compulsory for all residential complexes to have a rain water harvesting system in the near future. The AMC was therefore interested in having a rain water harvesting system of its own which can be visited by the stake holders and the plan, approach and significance could be understood in detail.

The Practice: The area was pinpointed using the AMC map. Elevation and gradient survey was done. A rain water harvesting map was prepared using the data generated from the survey. Low lying area was selected for filter bed construction .The idea was to construct a filter bed which will be able to control the heavy influx of rainwater in torrential rains too. Besides this ,the roof and rain water would be clear through its introduction in the filter bed first rather than its direct collection in the reservoir. The filter bed is a sand filter bed which has been innovatively designed by our College experts. It allows a double filtration , cleaning , colour and odour absorption by the materials used in the filter. The filter bed has a size of 10x8x10 ft (length x breadth x depth). It has a capacity of filtering approximately 12,000 litres of water / hour.

Evidence of success: Filter bed is ready and fully functional. Trial runs have been done . The rain water harvesting map has been handed over to the AMC. The project will be executed by other partners in this project.

Problems encountered and resources required: The costs of construction is quite high. Payments have to be done on time for skilled labour .Thus if some financial help is available, more of such projects can be undertaken.

7.4 Contribution to environmental awareness / protection:

The Microbiology department has done a seed harvest of vegetables and fruits used at home, collected over a 6 month period. Seed scattering was done during the rainy season so as to increase the foliage cover. Some of these plants were given to students of the department for plantation. An account of the green cover of the campus was undertaken. Vermicast generated from on campus leaf litter and vegetable waste is being used as compost for the green cover of the campus. Attractive bird houses prepared out of natural materials abounds the campus and bird feed and water is being provided in these houses. Tree plantation drives have been undertaken from time to time

7.5 Whether environmental audit was conducted?   Yes No

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

8.0 Plan of Institution for next year:

Detailed survey of water sources of Naher-e-ambari will be done .

Many such wells will be desilted and cleaned for the community.

Ground water potential availability will be measured in and around Aurangabad city.

Name Dr. Aditi Bhattacharya

Signature of the Coordinator, IQAC

Name Dr. Mohd. Razaullah Khan

Signature of the Chairperson, IQAC
I/c. Principal
Maulana Azad College
Aurangabad

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