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

> MAHARSHI DAYANAND COLLEGE OF ARTS, SCIENCE & COMMERCE

1.2 Address Line 1

> 25,S.S Rao Road,

Address Line 2

> Parel

City/Town

> Mumbai

State

> Maharashtra

Pin Code

> 400012

Institution e-mail address

> principal@mdcollege.in

Contact Nos.

> 022-24100012

Name of the Head of the Institution:

> Dr.Ms.T.P.Ghule

Tel. No. with STD Code:

> 022-24100012

Mobile:

> 9987518511

Name of the IQAC Co-ordinator: Dr.Panse Chhaya

Mobile: 9820035592

IQAC e-mail address: mdcaqar@gmail.com

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*   9501

1.4 **NAAC Executive Committee No. & Date:**   EC/58/RAR/019 DATED 10TH MARCH, 2012
*(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)*

1.5 Website address: www.mdcollege.in

Web-link of the AQAR: http://mdcollege.in/Academic/IQAC.aspx

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B		2004	5
2	2nd Cycle		2.84	2012	5

1.7 Date of Establishment of IQAC :   DD/MM/YYYY   16-02-2004

1.8 **AQAR for the year** *(for example 2010-11)*   2014-15

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 _____27/08/2012_____ _____ (DD/MM/YYYY)
    ii. AQAR_____07/09/2013__ _____ (DD/MM/YYYY)
    iii. AQAR_____26/08/2014___ _____ (DD/MM/YYYY)

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 [ ]

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

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)*   [University of Mumbai]

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 | - | Any other (*Specify*) | - |

UGC-COP Programmes | - |

2. IQAC Composition and Activities

2.1 No. of Teachers | 11 |

2.2 No. of Administrative/Technical staff | 3 |

2.3 No. of students | 3 |

2.4 No. of Management representatives | 1 |

2.5 No. of Alumni | 2 |

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

2.7 No. of Employers/ Industrialists | 1 |

2.8 No. of other External Experts | 3 |

2.9 Total No. of members | 25 |

2.10 No. of IQAC meetings held   = 24

2.11 No. of meetings with various stakeholders: No. | | Faculty | 12 |

Non-Teaching Staff Students [?] Alumni [?] Others [?]

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

If yes, mention the amount   [3,00000]

2.13 Seminars and Conferences (only quality related)

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

Total Nos. [ ] International [ ] National [ ] State [ ] Institution Level [ ]

(ii) Themes [   ]

2.14 Significant Activities and contributions made by IQAC

Facilitated International Water Partnership "Mumbai-Stockholm" – 2015

Conducted quality audits

Series of activities to sensitise environment awareness among students, staff & general public

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
1. To conduct inductions-cum-orientation programs for newly appointed faculty members	• Training provided to newly appointed faculty members
2. To conduct career fairs	• Successfully conducted
3. To conduct internal audits	• Successfully conducted

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

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	05		01	
PG	02		02	
UG	03		05	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	10			
Others	02			
Total	22		08	

Interdisciplinary				
Innovative				

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

	Pattern	Number of programmes
	Semester	✔
	Trimester	
	Annual	

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.

Sr No	Department	Revision in syllabus
1.	Chemistry	Entire FYBSC theory and practical syllabus for paper-I and paper-II has been revised.
2	Hindi	F.Y.B.A syllabus
3	Accountancy	Entire T.Y.B.COM syllabus has been revised.
4	BBI	Entire T.Y.BBI syllabus has been revised
5	BMM	Entire F.Y.BMM syllabus has been revised

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
50	8	42	--	--

2.2 No. of permanent faculty with Ph.D.   25

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
6	2	--	--	----	--	--	--	6	2

2.4 No. of Guest and Visiting faculty and Temporary faculty   3   14   22

2.5 Faculty participation in conferences and symposia:

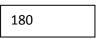| No. of Faculty	International level	National level	State level
Attended	27	74	7
Presented papers	28	54	3
Resource Persons	5	2	7

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

Mentoring, Library Sessions,

Gold Club for Meritorious students to enable them to Top at the University Level.

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)   On line MCQs , Open Book test

2.9 No. of faculty members involved in curriculum
     restructuring/revision/syllabus development
     as member of Board of Study/Faculty/Curriculum Development workshop   7   ---   8

2.10 Average percentage of attendance of students   75%

2.11 Course/Programme wise
    distribution of pass percentage :

Kindly refer Annexure I

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

 IQAC monitors the attendance through digital attendance system.

Results are analysed. IQAC co-ordiantes with departments , calls Parents meeting and instructs departments to take remedial lectures to the academically low performers.

The recommendation given by auditors and parents are taken into consideration.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	1
UGC – Faculty Improvement Programme	4
HRD programmes	---
Orientation programmes	2
Faculty exchange programme	1
Staff training conducted by the university	1
Staff training conducted by other institutions	2
Summer / Winter schools, Workshops, etc.	14
Others	---

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	21	1	1	--
Technical Staff				

Criterion – III

3. Research, Consultancy and Extension

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

- IQAC Promotes Research Activity among students through:

  o Workshops and Projects assignments.

  o Avishkar Research Convention at University Level.

- Organisation of Seminars and Conferences and workshop by various departments.

- Participation of students in National Seminar for paper presentation.

- Major/Minor Research Proposals sent to UGC/University of Mumbai/Research Agencies

- Certificate course and guest lectures w.r.t. use of R software, data interpretation using Excel, selection of research projects, research Methodology for research projects in social sciences, research paper presentations.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		02		
Outlay in Rs. Lakhs		9.21		

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	07	04		
Outlay in Rs. Lakhs	4.3	3.12		

3.4   Details on research publications

	International	National	Others
Peer Review Journals	29	07	
Non-Peer Review Journals		02	
e-Journals	04		
Conference proceedings	11	13	05

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		UGC		
Minor Projects		UGC/ University of Mumbai		
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   [06]

[   ]

ii) Without ISBN No.   [0]

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   [-]

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number		01			
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons   [21]

3.13 No. of collaborations   International [01]   National [02]   Any other [02]

3.14 No. of linkages created during this year   [10]

3.15 Total budget for research for current year in lakhs :

[1.5 L]   [3 L]

From Funding agency   From Management of University/College

Total   [4.5L]

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	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
05	01	03				01

3.18 No. of faculty from the Institution
who are Ph. D. Guides   [13]
and students registered under them   [18]

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 0   SRF 0   Project Fellows 0   Any other 0

3.21 No. of students Participated in NSS events:

University level 11   State level 4

National level -   International level -

3.22 No. of students participated in NCC events:

University level 08   State level 15

National level 03   International level -

3.23 No. of Awards won in NSS:

University level 1   State level 1

National level -   International level -

3.24 No. of Awards won in NCC:

University level -   State level 01

National level 02   International level -

3.25 No. of Extension activities organized

University forum [   ]   College forum [   ]

NCC 15   NSS 17   Any other [   ]

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

- Participation of students in environment conservation activities including plantation, beach cleaning, waste management,earth hour rally.

- Climate Education and Action project in collaboration with Globala Gymnasiet, Sweden

- Dengue and malaria awareness at community level through street plays

- Road safety awareness programs and active contribution in traffic control during festivals.

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	1.08 Acres	-		1.08 Acres
Class rooms	31			31
Laboratories	20			20
Seminar Halls	1			1
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	-	-		-
Value of the equipment purchased during the year (Rs. in Lakhs)	5.21	5.57	Fees + UGC grant	10.78
Others		0.19	Fees + UGC Grant	0.19

4.2 Computerization of administration and library

Following Library services are computerized through the "SLIM21" software
- **Acquisition of books/non book material/periodicals**
- **Circulation of documents**
- **Departmental issue record**
- **Catalogue search – OPAC**
- **Stock Verification**
- **New arrivals list**
- **Print accession register at the end of the financial year**
- **Print various reports like overdue documents, subject wise budget expenditure list, members defaulter list, issue/return list, fine collection report etc.**
- **Bar coding of documents and library cards**
- **OPAC is available intranet**

Library website gives the following details of the library (http://mdcollegelibrary.in/)
- **All Syllabus uploaded**
- **Periodical list**
- **Links to Access to E resources & other important Sites**
- **FAQs etc.**

UGC NETWORK RESOURCE CENTER: Free internet & Printout facility

4.3. **Library Services**

	Existing		Newly Added 2014 -15		Total	
	No.	Value	No.	Value	No.	Value in Rupees
Text Books	6045	1030637	971	122453	7016	1153090
Reference/Subject Books	27759	10871081	466	377197.40	28225	11248278.40
e-books	8	11280	4	free	12	11280
Journals/Magazine			80	82981.5	80	82981.5
E- journals			5	10400	5	10400
Digital Database(NLIST+DELNET)	1	5000	1	16500	2	21500
CD & Video	**476**	**87014**	24	15128.25	500	102142.25
Others(Specify) Newspapers, Library Membership			22 2	29700 37118	**22** **3**	**29700** **9596**

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others Eng.Lab
Existing 2013-14	283	4	Up to 10 mbps	10	60	20	31	
Added 2014-15		1	Up to 10 mbps	10	5	2		
Total	243 PC +36 laptop = 279**	5			65	22	156	31

Sr.No	**Department	Total Computers
1	Computer Science	70
2	Banking Insurance & Finance Market	63
3	Office	22
4	Library	18
5	BMM	2
6	Exam Room	2
7	Prin,Vice-Principal & Co-ordinator (Sr+Jr)	7
8	Physics	2
9	Chemistry	3
10	Biology	4
11	Maths	1
12	MCVC&MLT (Jr.College)	11
13	MANAGEMENT	4
14	PCR	2
15	NSS	1
16	GYMKHANA	1
17	ENGLISH LAB	31
Total Computers In College (A)		243
Total Laptops In College (B)		36
Total (A+B)		279

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

- UGC-Network Resource Centre in the Library provides free internet facility to all the users.

- Digital Attendance

- Use of Smart Board

4.6 Amount spent on maintenance in lakhs :   2014-15

   i) ICT   6.83

ii) Campus Infrastructure and facilities

| 0 |

iii) Equipments

| 5.57 |

iv) Others

| 0.19 |

Total :

| 12.59 |

2014-15

ICT	Rs
Computer & Software	628121
Computer-UGC	38750
Tab-4 T231	16115
Total	682986
Campus	
Sports Equipment	0
Equipment	
Other Equipment	197951
Biology	117606
Chemistry	100302
Chemistry – PG	77964
Physics	63029
Total	**556852**
Other	
Furniture	19125
Total	**1258963**

Equipment - 2014-15

Equipment	Amount Rs.	Amount Rs.
ICT		
Computer & Software		
Computer	99200.00	
Computer Printer	48850.00	
Computer Software	480071.00	**628121.00**
Computer-UGC	38750.00	**38750.00**
Samsung Galaxy Tab-4 T231	16115	**16115.00**
Total		**682986.00**
Campus	-	
Sports Equipment		**0.00**
Equipment	-	
Other Equipment		
Finger Print-Base Sysytem Clock.	12025.00	
Office Equipment	30726.00	
Projector	8800.00	
Spion CCTV Camera	41733.00	
Steel Cupboard	18000.00	
Telephone & Mobile Instrument	11340.00	
Xerox Machine	75327.00	**197951.00**
Biology Equipment		
KANADPHOTON 391	9984	

Test Sieves	7875	
BOD Incubator	69750	
06 Lynx Monocular Microscope	29997	**117606.00**
Chemistry Equipment		
Busen Burner, Test Tube etc.	11840	
08 Fireguard	29579	
Ostwald Viscometer, Beaker, Test Tubes etc.	12852	
Punnel, Blow Pipe, Tripod Stand etc.	13356	
Gas Burner's Nipples, Clay Pipe Triangle etc.	23175	
Electric Distilled Water Unit Argon Welding	6450	
Vaccum Pump	3050	**100302.00**
Chemistry Equipment - P.G		
Beaker, Measuring Cylinder etc.	7796	
Punnel, Cuvettes Spectrophotometer, Copupling Jars, Reagent Bottles etc.	70168	**77964.00**
Physics Equipment		
Cubic Lattices, Crystallography Models	12050	
CRO Probe	11492	
Transistor CE Amplifier Build up Circuit	2340	
Ammeter DC, Table Lamp, Transistor, Spectrometer etc.	37147	**63029.00**
Other	-	
Furniture	19125	**19125.00**
Total		**1258963.00**

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1)   Dept of Commerce organized a talk and entrance exam for " Careers in Civil Services" by Balasaheb Thakre IAS Academy, Mumbai.

>   No. of students benefited - 100

2)   Dept of Chemistry helped students for preparation of M. Sc (II) and NET/SET exam.

>   No. of Students benefited – 7

5.2 Efforts made by the institution for tracking the progression

> 1. Departmental audits are conducted to evaluate the progress of students.
>
> 2. Extensive coaching were provided to low performers.
>
> 3. Regular feedback on academic performance and attendance provided to students and their parents.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2086	32	NIL	NIL

(b) No. of students outside the state

06

(c) No. of international students

NIL

Men
No	%
1003	47.2

Women
No	%
1120	52.8

	Last Year(2013-2014)					This Year(2014-15)				
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1658	108	10	173	NIL	1949	1833	87	31	172	NIL	2123

Demand ratio   Dropout %

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

-

No. of students beneficiaries

Nil

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

The college has a full-fledged counselling cell which is manned by the department of Psychology with the help of Two counselling Psychologist from SNDT University. Counselling for motivation, relationship issues, Schizophrenia, anxiety etc. are regularly handled. Also, many departments organize workshops, guest lectures for students on career guidance.

Details are as follows:

1) Dept of Hindi organized Two guest lectures one by Dr. Ratna from Khalsa College and other by Dr. Dinesh Pathak from S.I.E.S. College.

   No. of students benefited - 36

2) Dept of History incorporated within time-table for T.Y.B.A.

   No. of Students benefited – 26

3) Dept of Commerce organized Career Guidance programs on Retail Management, Entrepreneurship.

4) Dept. of BMM conducted Career Guidance by Inhouse faculties.

5) Dept. of Mathematics organized Two lectures on Career Guidance one by an Alumni "Prashant Shinde " and other by Asso. Prof. Shilpa Ghogare.

   No. of Students benefited – 28

6) BBI and FM Department organized a lecture on "Career Guidance" by career launchers.

   No. of Students benefitted – 60

7) Department of Political Science organized a talk on "Career in Civil Services " by Prof. Meenal Mapuskar, Kirti College.

   No. of Students benefitted – 150

8) NCC Unit organized a personality development programme on "How to be a winner?"by Mr. Nikunj Shah.

No. of students benefitted - 22 Cadets

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

Sr. No.	Organization Visited	On Campus		Off Campus
		No. of Students Participated	No. of Students Placed	
1)	TCS	10	08	
2)	Moneylicious	80	06	

5.8 Details of gender sensitization programmes

Department of History organized a PPT Presentation and competition on the topic " Women Achievers" in History 8ᵗʰ December 2014 under "Jagar Janivancha Abhiyan".

2)   Department of Economics and Statistics together organized a PPT Competition on Gender Equality on 9ᵗʰ December 2014.

3)   Student council organized a Poster Exhibition on " Women Leadership"

4)   Department of Computer Science organized " Nature Trail" for the girls students under "Jagar Janivancha Abhiyan"

5)   Department of Psychology conducted two programmes of female feticide and violence against women.

6)   A workshop on sexuality was conducted by NGO "Sneha".

7)   Deparment of Marathi organized two programmes under "Jagar Janivancha Abhiyan"

   (i)   A Programme on "The relation of mother & daughter" . Chief Guest – Poetess Neeraja

   (ii)   A lecture on diet for young girls and their mothers by Dietitian Ms. Leena Pednekar.

8)   Department of English organized three programmes

   (i)   Elocution Competition on Laws Regarding Women Empowerment and their implementation .

   (ii)   Role plays on Women Empowerment .

   (iii)   Screening of the Hindi feature film Tara based on Women Empowerment followed by a group discussion by the Director, Script Writer and the Actors .

9)   Department of Chemistry organized a talk on " Importance of Calcium and Iron for Women" by Dr. Usha Padmanabhan, Sr. Scientific Officer Haffkine Institute also held an essay competition on the same topic.

10)   Department of Physics organized a workshop for girls students on " Hepatitis" under "Jagar Janivancha Abhiyan".

11)   Department of Botany organized Rangoli Competition on "Female Feticide" under "Jagar Janivancha Abhiyan".

12)   Department of Zoology conducted a group discussion on "Understanding Gender Sensitization". In which students had an interaction with researchers from "PUKAR".

13)   Department of Political Science organized a Quiz Competition on " Participation of Women in Politics" as a part of "Jagar Janivancha Abhiyan"

14)   NSS Unit organized "Taekwondo Training " programme for girls ,in which 50 girls participated. Training was given by Mr. Avinash Pawar,a trainer from Mumbai Taekwondo Association.

5.9 Students Activities

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

State/ University level | 149 | National level | 6 | International level | --- |

No. of students participated in cultural events: 89

~~State~~/ University level | 19 | National level | --- | International level | --- |

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

Sports : State/ University level | 30 | National level | 6 | International level | |

Cultural: ~~State~~/ University level | 2 | National level | --- | International level | --- |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	88	53,450
Financial support from government	-	-
Financial support from other sources	20	10,000
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 | | National level | | International level | |

5.12   No. of social initiatives undertaken by the students | 27 |

Twenty Seven

5.13 Major grievances of students (if any) redressed: <u>Need for More Toilets</u>

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision
"Empowering through Education"
Mission
"To harness students' potential for extra-curricular and co-curricular activities"
"To impart value based education with emphasis on personality development".
"To foster in students a commitment towards society and the nation"
"To provide education to the socially disadvantaged students"
"To facilitate the pursuit of academic excellence"
"To sensitize students to environmental issues."

6.2 Does the Institution has a management Information System

YES

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

6.3.1 Curriculum Development

Designing and developing curriculum is a task undertaken by University of Mumbai through its Board of Studies.

Many of our faculties are members of Board of Studies (BOS) and Syllabus committee constituted by BOS with task of framing syllabi.

The college supplements the syllabi by extending support services including free access to internet, and use of LCD, OHP, Visualizers, Smartboards to enhance the curriculum as a means to compete in global market.

6.3.2 Teaching and Learning

At the beginning of the academic year, every department and the associated teachers prepare lesson plans, conduct bridge courses, maintain teacher's diary for recording lessons and day-to-day activities. Departments also organize seminars, workshops, industrial visits, projects, guest lectures, field trips for students to enhance the teaching-learning.

Remedial coaching is given to the weaker students. Extra coaching is also given to those students who participate in NCC, NSS, Sports, Drama and any other extra-curricular activities for the college.

Gold Club was instituted for Meritorious students to enable them to Top at the University Level.

Teachers are rated by students for on a 5-point Teachers Assessment Rating Scale (TARS). The data is analysed and the feedback is given to the respective teachers by the Principal/Vice-Principal/HOD.

Parents-Teachers Meetings (PTM) are organized to update the parents about the progress of their wards and to gather feedback and suggestions from the Parents.

Suggestions and feedbacks from Student Council members are also analysed and implemented wherever required.

6.3.3   Examination and Evaluation

The Examination and Evaluation process was managed in the following manner:

• Orientation Workshop conducted on the Examination and Evaluation system as well as the Credit Based Grading System for both teachers and students well in advance.
• Prepared question banks and model answers and shared the same with the students.

6.3.4   Research and Development

- The institute supports initiatives to orient students to research field.

- Faculty members were encouraged to submit major research proposals to various funding agencies. Proposals were sent for organising national seminars in collaboration with research institutes.

- Student interactions were organised with youth researches from Ngo- PUKAR to enhance participation in research projects. Students visited other institutes to interact with researchers.

- Certificate courses were introduced with respect to basic research methodology and use of software for data interpretation.

- Lectures by eminent researchers were organised to motivate research activities.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library website gives the following details of the library:
- Syllabus uploaded ; Periodical list ; Links to Access to E resources & other important Sites
- UGC NETWORK RESOURCE CENTER: Free internet & Printout facility
- Digital Attendance Management System implemented

Science faculty: List of physical infrastructure / instrumentation acquired in attached Annexure II .

6.3.6 Human Resource Management

- Staff Academy conducted lecture for teaching staff
- IQAC organised session for improving CAS, of faculty members
- Two Days inter-collegiate Cultural Fest "Utsav-MD" organised for and by non-teaching staff

6.3.7 Faculty and Staff recruitment

Qualified staff as per UGC norms have been recruited.
Vacancies are filled as and when required for aided and unaided/self-financed sections

6.3.8 Industry Interaction / Collaboration

1. Industrial visits by various departments are organized for students.
2. Experts from industrial/corporate sectors are invited as visiting faculties and guest lecturers

6.3.9 Admission of Students

College follows the admission process laid down by University of Mumbai and State Government Regulations. It makes the admission process fair and transparent. The preparation of rank list and selection list, is fully computerized , which made the process efficient.

6.4 Welfare schemes for

Teaching	No
Non teaching	Their children get concession in fees
Students	National Insurance Co.Ltd Management scholarships/fees provided to the needy students Scholarships/sponsorships are generated from other/external sources College student aid fund - corpus

6.5 Total corpus fund generated

20,000

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	External Experts	Yes	IQAC
Administrative	No	-	No	-

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?

- NA-

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

Alumni helped in various activities like repair of glassware, encouraging research, PG interaction, Donation, sponsorship & resource persons.

6.12 Activities and support from the Parent – Teacher Association

Working with a Parent's NGO working in the field of climatic and environment issues. A international student's exchange program is being planned with their support.

6.13 Development programmes for support staff

Two Days inter-collegiate Cultural Fest "Utsav-MD"

Yoga Camp ; Sports Competition for support staff,

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

College is having special unit entitled '**Nature Club**'for eco-friendly activities. Unit conducted various activities to make eco-friendly campus, such as-

- **Zero Waste Campus**
- **Earth Hour Rally**

Under the heading of '**Environmental Ambassadors for Sustainable Development**'college having groupof the experts, scientist, innovators, professors and studentswho are actively workingfor:

- The public interest in the areas of sustainable development, environmental protection and education
- In other areas of implementation of the objectives through the research, consultancy, expert analysis, innovation, education and promotion.

The studentsas an Environmental Ambassadors linked to sustainability and educational outreach program. The program seeks to shift student culture toward pro-sustainability behaviors through education, and activities. Students are tasked with extending opportunities for sustainability awareness both on and off campus.

Activities

- Tree Plantion.
- Recyclemania.

In addition,on departmental level different activities are conducted, such as-

- Zoology department workedon compost preparation with climate ambassadors.
- Department of chemistry modify traditional solvent bottles to save chemicals.In addition, department kept separate containers for collection of acids and bases waste, and before releasing to environment the wastes are treated.
- Commerce department conducted Awareness drive on SwachhataAbhiyan.

NSS

2nd October unit organized SwachhataAbhiyan.

6th November unit conducted street play and rally in campus for awareness of Dengue and Malaria.

15th November unit conducted workshop on 'awareness of Dengue and Malaria'.

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.

> - **Undertaken an International Water Partnership project in collaboration with Global College, Sweden**
> - **Instituted Gold club for mentoring toppers to enable them to become university toppers**
> - **Organised Swachyata Abhiyan**
> - **Introduced bottles (reagent) which help in saving the chemicals**
> - **Workshop for SYBSC on "Mobile repairing"**
> - **Training provided to Female students on Information Technology to make them e-literate**

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

Plan of Action	Achievements
To provide career-oriented trainings to the students so that they can get placements in the industry and government service sectors	• Training provided to Female students on Information Technology to make them e-literate • Youth History Congress-2014-2015 was organized with focus on entrepreneurial skills. Students were trained on Warli Painting and stone-tools making techniques.

To conduct Environmental Awareness Program(s)	• International Water Partnership undertaken in collaboration with Global College, Sweden. A series of activities undertaken to sensitise students, staff & general public on water and environmental issues. Also, an Academic Exchange Program on climate issues was undertaken. A group of students and teachers from Global College, Sweden visited us in January, 2015. Similarly, a group of students and teachers from our College, visited Global College, Sweden in May, 2015.
	
	• Other actions taken and/or events organised:
	    o Introduced bottles (reagent) which help in saving the chemicals
	    o use of fume-hood for practicals (whenever there is use of corrosive, suffocating chemicals)
	    o Sensitized students about environment through Nature trip to Lonavala and Govardhan-Eco Village at Vada
	    o Heritage Trip to Naneghat caves, Elephanta caves,

	Ajanta & Ellora caves to sensitize students about environment and heritage protection
	o Organized competitions, such as Intercollegiate "Blossoms" on Flower arrangement, Terrarium making, Biojwellery etc;
	o Organized interdisciplinary Workshop on "Protecting wetlands of Mumbai: Need of the Hour"
	o Organized Poster competition on environmental issues
	o Organized Swachyata Abhiyan
	o Students created robot called "Robo-comp" made up of waste products
	o Organized eco-friendly activity called "Tray Garden"
	o Nature club activities
	   ▪ Nature Trails
	   ▪ Lecture on Rain water Harvesting
	   ▪ Beach cleaning
	   ▪ Wild wisdom quiz
	   ▪ Snake awareness
	   ▪ Bird census

To conduct Women Empowerment Program(s)	• Various activities were organized by every department under a comprehensive women empowerment program. • The college also participated in the Jagar Janivancha Abhiyan [Competition organized by the Maharashtra Government for all the universities of Maharashtra]

To conduct educational/awareness programs for the marginalised section (BPL families) of the society	• Training provided to Female students on Information Technology to make them e-literate
	• Conducted following certificate courses at a very marginal cost:
	   o Certificate course on Modi Script
	   o Certificate course in Basic Statistics
	• Yoga camp was organized with focus on BPL families to promote healthy lifestyle among them

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

1. Extensive ICT enabled teaching using Smart board (an advance and sophisticated e-learning application) and ICT based digital attendance system
2. Comprehensive Educational Projects, Environmental Awareness Program and Women Empowerment program initiated, such as:
   a. **Educational Projects:** "Swapnapurti"- Free Education for street children, educational project for Shriram Transport , Sadhana Vidyalaya(Deaf students)
   b. **Environmental Awareness Program** - Tree Plantation, Eco-friendly Ganesha,Book Binding and Electricity saving programme, Village development Project- Tadwali and Dhamnwadi , Beach cleaning activity. Students participated in environmental Awareness Program being implemented in regional collaboration with NGOs Srushtidnyan (Mumbai, India) and nine associated schools of Mumbai, and also in parallel international collaboration with Climate Action (Stockholm, Sweden), Global College (Stockholm, Sweden)

c. Under a **comprehensive women empowerment program**, various activities were organized by every department

7.4 Contribution to environmental awareness / protection

- The college has also initiated a CLIMATE EDUCATION AND ACTION PROJECT aimed to bring awareness and education in the society about global warming and climate change. The project is being implemented in collaboration with NGOs Srushtidnyan (Mumbai, India) and Climate Action (Stockholm, Sweden), Global College (Stockholm, Sweden) and nine associated schools of Mumbai. Under this project, a series of events and programmes were conducted in the academic year 2014-2105.

  o Under Academic Exchange Program on climate issues, a group of students and teachers from Global College, Sweden visited us in January, 2015.
  o Similarly, a group of students and teachers from our College, visited Global College, Sweden in May, 2015.

- Series of actions taken and events organised, such as:
  o Introduced bottles (reagent) which help in saving the chemicals
  o use of fume-hood for practicals (whenever there is use of corrosive, suffocating chemicals)
  o Sensitized students about environment through Nature trip to Lonavala and Govardhan-Eco Village at Vada
  o Heritage Trip to Naneghat caves, Elephanta caves, Ajanta & Ellora caves to sensitize students about environment and heritage protection
  o Organized competitions, such as Intercollegiate "Blossoms" on Flower arrangement, Terrarium making, Biojwellery etc;
  o Organized interdisciplinary Workshop on "Protecting wetlands of Mumbai: Need of the Hour"
  o Organized Poster competition on environmental issues
  o Organized Swachyata Abhiyan
  o Students created robot called "Robo-comp" made up of waste products
  o Organized eco-friendly activity called "Tray Garden"
  o Nature club activities
    ▪ Nature Trails
    ▪ Lecture on Rain water Harvesting
    ▪ Beach cleaning
    ▪ Wild wisdom quiz
    ▪ Snake awareness
    ▪ Bird census

7.5 Whether environmental audit was conducted?   Yes ☐   No ☑

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

- Hosted UGC sponsored national seminar on Nanomaterials: The Indian Perspective

- **SWOT Analysis**

  Strengths identified from SWOT Analysis are:

  - Excellent extracurricular and co-curricular activities
  - Excellence in sports, cultural events, and NSS
  - Increase in research guides and research centre
  - ICT-based teaching & learning
  - ICT-based digital attendance

  Weaknesses identified from the SWOT analysis are:
  - Insufficient infrastructure, particularly there is problem of space
  - Poor academic profile of students at entry level
  - Poor communication skills in English of students

  Opportunities identified from the SWOT analysis are:

  - To start research consultancy
  - Entry as professionals into theatre

  Challenges identified from SWOT analysis:

  - To improve communication skills of the students
  - Get University Rank Holders

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

To hosts national seminars

To focus on excellence in extra-curricular activities

To invite eminent personalities to motivate students and staff

Name __Dr. Chhaya S. Panse__   Name _____Dr. T. P. Ghule_____

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

_____***_____

Annexure I

M.D.COLLEGE OF ARTS, SCIENCE & COMMERCE

FINAL GRADES, CLASS WISE

ACADEMIC YEAR 2014-2015

CLASS / GRADE	O	A	B	C	D	E	F	Grand Total
FYBA		7	9	7	6	3	216	248
FYBA1X2		1	1	4	8	15	117	146
FYBA1 + ADD. EXAM - Total	0	8	10	11	14	18	187	248
FYBA2	3	9	6	13	6	5	209	248
FYBA2X2			3	3	14	12	60	92
FYBA2 + ADD. EXAM - Total	3	9	9	16	20	17	177	248
FYBC		15	23	39	15	3	320	415
FYBC1X2			7	24	45	46	183	305
FYBC1 + ADD. EXAM - Total	0	15	30	63	60	49	198	415
FYBC2	1	30	40	42	25	1	277	415
FYBC2X2		1	6	21	37	20	143	228
FYBC2 + ADD. EXAM - Total	1	31	46	63	62	21	192	415
FYBS	1	9	20	9	2		193	233
FYBS1X2			10	19	17	5	109	160
FYBS1 + ADD. EXAM - Total	1	9	30	28	19	5	142	233
FYBS2	1	16	18	7	3		189	233
FYBS2X2			8	9	18	2	97	134
FYBS2 + ADD. EXAM - Total	1	16	26	16	21	2	152	233
SYBA	1	2	6	8	2		63	81
SYBA1X2			2	1	5	5	38	51
SYBA1 + ADD. EXAM - Total	1	2	8	9	7	5	50	81
SYBA2	1	7	8	7	3	1	55	81

CLASS / GRADE	O	A	B	C	D	E	F	Grand Total
SYBA2X2			1	5	9	5	18	38
SYBA2 + ADD. EXAM - Total	1	7	9	12	12	6	35	81
SYBC	2	22	30	44	39	28	199	362
SYBC1X2			2	5	17	53	118	195
SYBC1 + ADD. EXAM - Total	2	22	32	49	56	81	122	362
SYBC2	2	29	53	48	39	14	179	362

SYBC2X2			3	14	23	43	82	165
SYBC2 + ADD. EXAM - Total	2	29	56	62	62	57	96	362
SYBS	1	21	21	20	6		111	179
SYBS1X2			6	20	24	4	61	115
SYBS1 + ADD. EXAM - Total	1	21	27	40	30	4	57	179
SYBS2	2	25	29	21	11		93	179
SYBS2X2		1	2	12	19	3	45	82
SYBS2 + ADD. EXAM - Total	2	26	31	33	30	3	56	179

Annexure – II

M.D.COLLEGE OF ARTS, SCIENCE & COMMERCE

FINAL GRADES, CLASS WISE

ACADEMIC YEAR 2014-2015

CLASS / GRADE	Grand Total	O	A	B	C	D	E	F	WITHHELD
TYBCOM	676	__	19	117	164	66	__	310	
TYBSC MATHS	5	__	1	1	__	__	__	3	__
TYBSC CHEMISTRY	45	3	10	13	4	__	__	15	__
TYBSC BOTANY	16	__	6	2	3	__	__	5	__
TYBSC ZOOLOGY	21	5	10	4	2	__	__	__	__
TYBSC COMP. SC.	41	__	6	4	__	__	__	31	__
TYBA ECO	12	__	4	3	1	2	__	2	
TYBA MARATHI	13	__	1	1	4	1	__	4	2
TYBA HINDI	4	__	1	1	1	__	__	__	__
TYBA ENG WITH POL.SC/PSYCHO	13	__	1	3	3	1	2	3	__

CLASS / GRADE	Grand Total	O	A	B	C	D	E	F	WITHHELD
TYBA PSYCHO WITH ENG/POL.SC./MARATHI	18	__	2	3	3	4	0	6	__
TYBA HISTORY	18	1	4	4	4	1	__	4	__
TYBA POL.SC. WITH PSYCHO/HIST/ENG/MARAHI	17	__	1	2	4	4	__	6	__

TYBCOM BBI	54	__	6	22	17	1	__	8	__
TYBCOM FM	60	1	6	15	17	9	__	12	__
TYBMM	61	__	4	16	15	5	3	18	__