

MAHARSHI DAYANAND COLLEGE OF ART, SCIENCE & COMMERCE
Shri Mangaldas Verma Chowk, 25, Dr. S. S. Rao Road, Parel, Mumbai-400012



॥ बुद्धिज्ञानेन शुध्यति ॥

ANNUAL QUALITY ASSURANCE REPORT (AQAR)
2016-17

Prepared by
INTERNAL QUALITY ASSURANCE CELL (IQAC)

Submitted on
31st July, 2017

Dr. (Ms.) C. S. Panse
IQAC CO-ORDINATOR

Dr. (Ms.) T. P. Ghule
PRINCIPAL

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

I. 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:

8828135592

IQAC e-mail address:

mdcaqar@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN 9501

1.4 NAAC Executive Committee No. & Date:

(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)

EC/58/RAR/019 DATED 10TH MARCH, 2012

1.5 Website address:

www.mdcollege.in

Web-link of the AQAR:

<http://mdcollege.in/AQAR/2016-17.pdf>

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	1 st Cycle	B	-	2004	5
2	2 nd Cycle	B	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)

2016-17

1.9 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 _____ 27/08/2012 _____ (DD/MM/YYYY)
- ii. AQAR _____ 07/09/2013 _____ (DD/MM/YYYY)
- iii. AQAR _____ 26/08/2014 _____ (DD/MM/YYYY)
- iv. AQAR _____ 23/10/2015 _____ (DD/MM/YYYY)
- v. AQAR _____ 26/09/2016 _____ (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

-

Best College Award by University of Mumbai for the year 2014-15 (Award given on 15/8/2016)

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 = 22

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

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

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

- Following Environment friendly measures were taken:
 - Initiatives taken for installation of Solar Panels in the campus
 - Initiatives taken for installation of Rain water harvesting set-up in the campus
- Following Health and Hygiene measures were taken:
 - Installation of sanitary napkin vending machine in girl's toilet
 - Constructed additional toilets
- Management Information System (MIS) installed for Office Administration

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
<ul style="list-style-type: none"> Green Initiatives 	<ul style="list-style-type: none"> Initiatives taken for installation of Solar Panels in the campus Initiatives taken for installation of Rain water harvesting set-up in the campus
<ul style="list-style-type: none"> Health and Hygiene facilities 	<ul style="list-style-type: none"> Installation of sanitary napkin vending machine in girl's toilet Constructed additional toilets
<ul style="list-style-type: none"> Administrative efficiency = 	<ul style="list-style-type: none"> Management Information System (MIS) installed for Office Administration

* Attach the Academic Calendar of the year as Annexure I. ✓

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

Management ☒ Syndicate ☐ Any other body ☐

Provide the details of the action taken

This year focus was given to research and publications. Staff was encouraged and supported to complete their Ph.D. and research projects.

They were also encouraged to attend seminars, conferences, and workshops, published research papers in leading journals, and publish their books.

Student research projects were also promoted.

New computers were provided to the research scholars.

Research Club and Research Buddies were introduced.

Part – B

Criterion – I

I. 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			
PG	04		02	
UG	03	02	07	01
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	04			
Others				
Total	16	02	09	01
Interdisciplinary	01			
Innovative				

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

Pattern	Number of programmes
Semester	<input checked="" type="checkbox"/>
Trimester	
Annual	

- 1.3 Feedback from stakeholders* (On all aspects)

Mode of feedback : Alumni ☒ Parents ☒ Employers ☒ Students ☒
Online ☒ Manual ☐ Co-operating schools (for PEI) ☐

**Please provide an analysis of the feedback in the Annexure 2* ☒

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

For the Academic year 2016-17 there has been revision in syllabus for most of the departments. Refer Annexure 3

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

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
49	18	31	NIL	NA

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
18	03	31	NIL	NIL	NIL	-	-	49	03

2.4 No. of Guest and Visiting faculty and Temporary faculty

Nil

25

22

2.5 Faculty participation in conferences and symposia:

No of faculty	International level	National level	State level
Attended	07	10	28
Presented papers	13	21	02
Resource persons	01	20	11

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

- We use various Teaching and Learning tools, such as, use of learning Apps like 'English Grammar', audio clips, Z to A method, role play, films, documentaries, charts and cards, virtual laboratories, Case study, Role play, Research Assignments, Survey & sampling, Industrial visits, Field visits, Excursions.
- Innovative concept of Nutrition Buddies, Health and Hygiene Buddies, Environment Buddies motivation Buddies have been used by some departments to make teaching more interactive.
- Chemistry Department organises Chem Tambola
- Mathematics department promotes Teaching and Learning through Flip Teaching Program
- Hindi department promotes conducts "Saral Hindi" Program
- History department promotes awareness and research work through the Youth History Congress

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)

<ul style="list-style-type: none"> • Pre- class test • Mock class test • Mock Prelims • Open book practise tests
--

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

13

2

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 (in percentage)				
		Distinction	I	II	III	Pass
B. Sc. (Zoology)	31	22%	49%	16.12%	7%	94%
B. Sc. (Maths)	05	NIL	40%			40%
B. Sc. (Comp. Sci.)	30	NIL	26.67%	50%	3.33%	
B. Sc. (Chemistry)	37	NIL	10.81%	18.91%	16.21%	52.6%
B. Sc. (Botany)	19	21.05%	52.63%	10.52%		84.21%
B. A. (Political Science)	19	10.52%	15.78 %	57.89%	5.69%	89.47%
B. A.(Hindi)	07	NIL	30%	42%		72%
B. A.(Marathi)	09	NIL	22%	33%		55%
B. A.(English)	12	8.33%	8.33%	58.33%		74.99%
B. A.(Psychology)	15	7%	33%	27%	7%	74%
B A (History)	22	9%	31.81%	40.90%		81.81%
B A (Economics)	6	NIL	16.67%	33.33%	50%	83%
B. Com.	700	14.49%		39.45%		53.94
BBI	61	NIL	23%	20%	35%	71%
BFM	54	NIL	15%	33%	43%	90%
BMM	62	2.5%	3.1%	8.03%	3.1%	43.55%

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

The Principal, management representatives, senior faculty, and student representatives and alumni are part of IQAC.

1. Meetings with HODs are conducted at the beginning of the academic year
2. Workload is distributed
3. Lesson Plans are collected
4. IQAC monitors the teaching process
5. Best Practices of teaching, learning and evaluation are shared and institutionalised
6. Results are analysed. IQAC co-ordinates with departments, calls Parents meeting and instructs departments to take remedial lectures for the academically low performers
7. The recommendation given by auditors and parents are taken into consideration.
8. Yearly internal Audit is conducted with external auditors

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	4
UGC – Faculty Improvement Programme	---
HRD programmes	1
Orientation programmes	3
Faculty exchange programme	2
Staff training conducted by the university	1
Staff training conducted by other institutions	5
Summer / Winter schools, Workshops, etc.	21
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	19	4	NIL	NIL
Technical Staff	49	5	NIL	NIL

Criterion – III

3. Research, Consultancy and Extension

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

IQAC recommended Students Research Project Scheme to research cell.
The college sanctioned Rs 12, 000/- towards the same.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		01		01
Outlay in Rs. Lakhs		4.3		4.91

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		4		
Outlay in Rs. Lakhs		1.20		

3.4 Details on research publications

	International	National	
Peer Review Journals	12	17	
Non-Peer Review Journals		02	
e-Journals	09		
Conference proceedings		06	

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				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College		University of Mumbai	1,20,000/-	60,000/-
Students research projects <i>(other than compulsory by the University)</i>	12	College	12,000/-	6,000-
Any other(Specify)	1	NGO “Pukar”	33,000/-	33,000/-
Total				

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 -NA

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

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences
organized by the Institution

Level	International	National	State	University	College
Number		1			
Sponsoring agencies		NA			
Amount Sanctioned		NA	<input type="text" value="20"/>		

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	
	Granted	1(IN 274322)
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 (provide facultiwise list)

Total	International	National	State	University	Dist	College
7	4	--	--	2	--	1

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) NA

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 State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level
Intercollegiate level 3

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized (provide separate list)

University forum	<input type="text"/>	College forum	<input type="text" value="1"/>	
NCC	<input type="text" value="11"/>	NSS	<input type="text" value="11"/>	Any other <input type="text" value="3"/>

NCC-1) Pulse polio immunization program -MCGM south F ward

2) Swachcha Bharat Abhiyan- Elphinston station

3) Anti Drug Abuse Day- college premises

4) Tree Plantation- BEST colony , Parel

5) Beach cleaning - Dadar Choupati

6) Fruit distribution to T.B. patients- Sewari T.B.hospital

7) Crowd controlling during Ganesh Festival-2016- Kalachowki Police station at Lalbaugh and Ganesh Galli

8) Volunteering during demonetization move- Saraswat Co-op Bank Ltd, Parel Branch

9) Swachch Bharat Abhiyaan- cleaning college and the area in the vicinity

10) Run for commemoration of 68th republic day of India- college to Hindmata to parel T to Hindmata and back.

11) Green Day at Veer Jijamata Udyaan, Byculla

College Forum-

1. Conducted tutorial sessions on Linear Algebra and Real Analysis in 3-day workshop on ‘ Empowering Youth in the world of Mathematics’ at Institute of Science.

NSS-

1. Swapnapurti Project
2. Global hospital:- Help to cancer patient
3. Road safety campaign
4. Traffic Control Programme:- Swachh Bharat Abhiyan
5. Health & environment
6. Swachh Bharat Abhiyan
7. Vyasankmukti Activities

8. RRC Activities
9. Women Empowerment
10. Adopted Area
11. NSS Camp

Any Other:

1. Tree plantation at Palghar with Forest Department, Palghar Division.
 2. Interaction and entertainment session for senior citizens of Rajivratna Adhar Gruha Shantivan, Panvel. (Dr. Geeta Manjrekar)
 3. Presentation of Marathi Poetry Appreciation for Staff Members of Jijamata Udyan and Zoo, Byculla. (Marathi Dept.)
- 3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility
1. ***Popularization of Chemical Science "FUN WITH CHEMISTRY"*** for grade 8 to 10 students of **Saraswati Mandir High School, Mahim. (Chemistry Dept.)**
 2. Environmental rally under environment awareness programme Save water Save life, jointly done by Dept. Of Commerce, Psychology and Botany.
 3. Dengue awareness program at K.E. M.,
 4. Volunteer activity at Jijamata Udyan,
 5. Intergeneration Bonding Program
 6. Staff and students from the department frequently visited the orphanage
 - ‘ Maze Maaher ‘ to guide students of 10th standard in the subject of Algebra.
 7. Conducted a lecture on Different types of Numbers, for students of 12th standard at Shirodkar High school and Jr. College.
 8. Conducted workshop on ‘Mathematics use in Day to Day life at Dr.D.B.Kulkarni Vidyalaya, Dadar from 15-4-17 to 20-4-17
 9. Psychobuddies- Nutrition, Motivation, Environment, Life Skills etc.

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	2	Management	33
Laboratories	20	-	-	20
Seminar Halls	01	-	-	01
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	Nil	-	-	Nil
Value of the equipment purchased during the year (Rs. in Lakhs)	2.2 lakhs	-	-	2.2 lakhs
Others	-	-	-	-

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 2016-17		Total	
	No.	Value	No.	Value	No.	Value
Text Books	8036	1290044.80	655	97319.00	8691	1387363.80
Reference /Subject Books	28801	11757216.1 0	645	642210.00	29446	12399426.10
e-Books	24	21470	20	17983	44	39453
Journals/Magazine					75	73233
e-Journals [Sage online]					4	16580
Digital Database					3	17225
i.DELNET			1	11500		
ii.UGC-NLIST			1	5725		
iii.Indiastat.com			1	-		
CD & Video	500	102142.25			500	102142.25
Others (specify)						
a. Newspaper					22	38071
b.Library membership					5	10305
i. IMC						
ii. Insurance Institute of India						
iii. BNHS						
iv. MED C						
v. BCL						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	240	4	261	3	-	23		
Added 2016-17	21+2 laptop	-	-	-	-	-	-	-
Total	261+46	4	261	3	-	23	-	-

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.

Use of Smart Boards

4.6 Amount spent on maintenance in lakhs :

i) ICT

648185.48

ii) Campus Infrastructure and facilities

219976

iii) Equipments

221341

iv) Others

145017

Total :

1234519.48

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- 1) As directed by IQAC, various departments conducted academic counselling sessions
- 2) Also class wise mentoring was done which contribute towards improvement in academic progression
- 3) Academic audits were conducted to monitor student support services provided by various departments
- 4) Parents-Teachers meetings were conducted and parents were informed about academic performance, attendance of their wards

5.2 Efforts made by the institution for tracking the progression

- 1) Remedial lectures were conducted for students having poor performance and kept a track of their progress
- 2) Various departments track progression of students after graduation through WHATTSAPP & FACEBOOK
- 3) Progression of students from XIIth to T.Y was tracked by some departments

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3716	298	18	--

(b) No. of students outside the state

18

(c) No. of international students

Nil

No	%
2018	50.05

Women

No	%
2014	49.95

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3271	218	04	769	02	4264	3003	217	08	799	05	4032

Demand ratio

Dropout % Nil

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

Nil

No. of students beneficiaries

Nil

5.5 No. of students qualified in these examinations : Nil

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	<input type="text" value="2"/>

5.6 Details of student counselling and career guidance

- 1) Commerce circle conducted Career guidance program on 'Careers in Banking & Management'
- 2) A talk on "Career in Civil Services" by Prof.. Meenal Mapuskar, Kirti College was organized by Department of Political Science
- 3) Department of BMM conducted Career guidance program on "Careers in Media and copywriting" by Mr. Amal Shah (Creative Director)
- 4) Department of Marathi organized a lecture on career guidance by Alumni who guided students regarding career opportunities
- 5) Department of Zoology conducted Career Guidance Program at departmental Level for students of S.Y.B. Sc. and T.Y.B. Sc.
- 6) Department of Psychology along with the Life Buddies conducted individual and group sessions. Issues handled such as family relationship, study habits, eating habits, sleep disturbances, stealing, lying, depression, mental fatigue, group dynamics, romantic relationship etc.
- 7) Ms. Rupa Kanojia was appointed as a counsellor
- 8) Counselling and career guidance are done informally by many departments
- 9) Career guidance in Defence- a Guest Lecture by Col. V.S K. Dake, C.O.4 Mah. Sing. Coy. NCC
- 10) Department of Statistics guided low profile students by conducting extra lectures.

No. of students benefitted

595

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
BMM 1	60	23	NIL
PSCHO-2	100	NIL	NIL
COMMERCE	NIL	NIL	40%
BOTANY-3	84	NIL	NIL

5.8 Details of gender sensitization programmes

- 1) Department of Marathi organised screening of documentary "Paulkhuna" by Amol Palekar based on Marathi novel showing progress of women in Maharashtra since 1885
- 2) Department of BMM organised by Mr. Yogesh Dhanjani as a mandatory project for the students focusing gender sensitization.
- 3) Department of English organised Debate competition on "Are Women Really Empowered?" Department of English also conducted an Intercollegiate seminar on "Violation of Women Rights & their Redressal in India" and PPT competition along with Department of political science and Department of Philosophy.
- 4) Department of Psychology invited to Dr Gokral, Gynaecologist & Obstetrician to address the issues related to menstrual hygiene & Care & Prenatal development. Department of psychology also invited to Dr. (Mrs.) Kamakshi Bhate, KEM Hospital to interact with students on issues of "Growing up"
- 5) Department of Botany and Floral rangoli display- on "Save Girl Child" & "Women Empowerment".
- 6) Women Development Cell (WDC) screened two documentaries on "soch Sahi Mard Vahi" and "Jor se Bol" to create gender equality among students. The screening was followed by discussion with students. WDC organised an informative session on "Polycystic Ovarian and Syndromes". WDC organised "Womania" two day festival for gender sensitization which was inaugurated by Marathi Stage Artist "Ila Bhate under which Quiz competition, Debate competition, Treasure Hunt, Tiara making & Ramp Walk, Publication of Newsletter-"M D WOMANI", Guest lecture on "Laws to Curb Sexual Harassment" by Dr. (Ms) Pratima Naik.
- 7) ICC Committee organised one day workshop for M D College students in collaboration with Maharashtra State Commission for Women to create awareness about Sexual Harassment Act
- 8) NSS organised Rally (Justice for Jisha) with Akshara NGO, Film screening on Gender equality with Akshara NGO, Created gender awareness by performing Street Plays in Ganesh Mandals, organised HB testing for girls in collaboration with Nana Palekar Sanstha, Organised Taekwondo Training Programme (for 25 girls) in collaboration with Taekwondo Association, Mumbai

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	130	107750s
Financial support from government	1	2,000
Financial support from other sources	NIL	NIL
Number of students who received International/ National recognitions	NIL	NIL

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

5.13 Major grievances of students (if any) redressed: Relationship issues, Clean Toilets

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, and Smart boards 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, faculty members of each department prepare lesson plans, conduct bridge courses, maintain teacher’s diary for recording lessons and day-to-day activities.

Besides traditional methods of teaching like Chalk and Blackboard and lecture methods various other modes of teaching are used to make the learning experience more interesting and enriching. These include – use of learning Apps like ‘English Grammar’, audio clips, Z to A method, role play, films, documentaries, charts and cards , virtual laboratories etc. Innovative

concept of Nutrition Buddies, Health and Hygiene Buddies, Environment Buddies motivation Buddies have been used by some departments to make teaching more interactive.

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 students with poor academic performance. In addition, extra coaching is also given to those students who participate in NCC, NSS, Sports, Drama and any other extra-curricular activities for the college.

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

Examination and evaluation work are carried out according to the guidelines of University of Mumbai.

Teachers prepared question banks and model answers and shared the same with the students. Regular class tests were conducted.

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.

Two Minor Research projects were completed by the faculty members of Chemistry Department.

Students research project with PUKAR was completed under the guidance of Dr, Vaishali Somani

Two students of FYBA received funds for research projects in Marathi literature.

New computers were provided to the research scholars in Zoology Department.

Research Club and Research Buddies were introduced in the Psychology Department.

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

Online Library Card membership

Some of the departments maintain departmental library and 'Best Reader' award is given to students.

Zoology Department added these instruments in the department:

Kanad Vidyut Calorimeter – 01

Chromatography Columns – 02

Oil Determination Apparatus – 02

Occutometer and Stage Micrometer – 12

Horizontal Gel Apparatus – 01

Power Supply – 01

6.3.6 Human Resource Management

Teachers are encouraged to participate in seminars, workshops, conferences.

Two Days inter-collegiate Cultural Fest "Utsav-MD" was organised for and by non-teaching staff

Staff Academy conducted interactive session and guest lecture for teaching staff.

6.3.7 Faculty and Staff recruitment

Vacancies are filled as per the UGC norms as and when required for aided and unaided/self-financed Sections.

Two teachers were appointed on CHB in Zoology department.

6.3.8 Industry Interaction / Collaboration

Psychology Department collaborated with 'Dialog India, Glaxo Smith Klien, Bombay Scottish and Rustomjee.

Industrial visits by various departments are organized for students, for example, Visit to CIFT at Veraval, Boat Building at Palghar

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: NIL

Non-teaching : Their children get concession in fee

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: NA

6.6 Whether annual financial audit has been done: Yes

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

Academic Audit has been done by IQAC with external experts.

Administrative audit has not been done.

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

No

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

University has introduced university examination of 100 marks for FYBA/B.Com/ B. Sc. in each semester to bring uniformity. Internal evaluation of 25 marks has been discontinued.

On Screen evaluation for TYBA/ B. Com. / B.Sc. has been initiated by the university to make the system more efficient and free of malpractices.

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

Guest lectures and workshops were conducted by the alumni – Mr. Manjani conducted workshop in Chemistry Department

Mentoring and knowledge sharing by Alumni benefit of the students has been a continuous process.

Research orientation by Alumni was organized by the Zoology Department.

6.12 Activities and support from the Parent – Teacher Association

Regular PTA meetings are held. Interactive sessions take place to update the parents about the progress of their wards and to gather feedback and suggestions from the Parents.

Financial and health inclusion camps were conducted for parents

6.13 Development programmes for support staff

Two Days inter-collegiate Cultural Fest “Utsav-MD”

Sports Competition for support staff

Participation in ‘Yoga Day’ celebrations in college

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

- Solar panels have been installed. Staircase and foyer lights have been converted into LED.
- Rainwater harvesting pipelines have been laid. As a result of this all washroom water requirements are met with the water accumulated in the well.
- Efforts have been made to have Zero Waste Campus
- Biodegradable waste are deposited in the compost pit.
- E waste generated by the college is handed over to ECORECO Company for recycling.
- Cycle stands are provided within the campus to encourage students to use bicycles
- Initiatives have been taken to conduct Green Audit.

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.

- Maharshi Dayanand College, Mumbai, and Globala Gymnasiet, Stockholm, Sweden, undertook student and faculty exchange programme on environmental issues .
- Initiatives taken for Green Audit
- Initiatives taken for Rain Water Harvesting
- Initiatives taken for Energy Savings and Solar Panel
- Research Publications started by Department of History

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
<ul style="list-style-type: none">• To host a seminar on Quality Enhancement in Higher Education	<ul style="list-style-type: none">• Organised a workshop on “Quality Enhancement in Higher Education” by Prof. Dr. Suhas Pednekar, Principal of Ramnarain Ruia College, recipient of <i>Adarsh Rajya Shikshak Puraskar</i>, Best Teacher Award, and Best Chemistry Teacher Award .• Received sanction from ICSSR to conduct an 8-days workshop on “Research Methodology”. The same is scheduled in September, 2017.
<ul style="list-style-type: none">• To focus on excellence in extra-curricular activities	<ul style="list-style-type: none">• Extra-curricular activities promoted through NCC, NSS, Sports, and Drama units/cells. Refer section 3.23, 3.24, 3.25. and 3.26 for details on awards received and programmes/activities conducted.• To encourage students to take up extra-curricular activities, separate coaching facilities were provided to those students who participate in NCC, NSS, Sports, Drama and any other extra-curricular activities for the college.
<ul style="list-style-type: none">• To invite eminent personalities to motivate students and staff	<ul style="list-style-type: none">• Prof. Dr. Suhas Pednekar, Principal of Ramnarain Ruia College, recipient of

	<p><i>Adarsh Rajya Shikshak Puraskar, Best Teacher Award, and Best Chemistry Teacher Award .</i></p> <ul style="list-style-type: none"> • Dr Gokral, Gynaecologist &Obstetrician • Dr. (Mrs.) Kamakshi Bhate, KEM Hospital • Dr. (Ms) Pratima Naik • Mr. Amal Shah (Creative Director) • Prof. Meenal Mapuskar, Kirti College • Col. V.S K. Dake, C.O.4 Mah. Sing. coy. NCC
<ul style="list-style-type: none"> • To improve infrastructural facilities, particularly increase in number of toilets. 	<ul style="list-style-type: none"> • New Toilets installed
<ul style="list-style-type: none"> • To conduct Green Audit 	<ul style="list-style-type: none"> • Initiatives taken to conduct Green Audit in campus

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

Best Practice-I

- 1) Title: International Research and Exchange Program on Climate Change
- 2) Goal: To create environment awareness beyond classroom among students
- 3) The Context: The college has undertaken an international research and exchange collaboration with Globala *Gymnasiet* (College), Sweden, for climate-related projects. Sweden is known for its best environment practices. Our goal is to develop our students as well as staff as truly global citizens, well-versed with environmental issues threatening our planet.

Best Practice-II

1. Title: ‘*Swapnapurti*’ – An Educational Inclusiveness Program
2. Goal: To promote educational inclusiveness among under privileged students of society

3. The Context: The college through its N.S.S. unit has started the ‘*Swapnapurti*’ program. Under this program, we provide free education to the unreached socially and economically underprivileged students, such as orphans and street children, and bring them to the main stream. We realize that lack of education is one of the root causes of major social problems, such as unemployment, health and hygiene, belief in superstition etc., Hence, the need for such initiatives for the betterment of the society was felt.

7.4 Contribution to environmental awareness / protection

- Swachhata Abhiyan undertaken, The “Environment Buddies Programme” and annual Environmental rally initiated to promote awareness about the environmental issues both inside and outside the campus.
- Other key activities were: Tree Plantation, Village development Project- Tadwadi and Dhamnwadi , Beach cleaning activity.
- Initiatives taken for Solar Panel and Rain Water Harvesting.

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

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

SWOC ANALYSIS

Strengths:-

- Academic enhancement support from a progressive management.
- Highly dedicated, motivated, qualified staff with excellent team spirit.
- Concern for all round personality development of students.
- Value based ethical strong student-centric approach of staff.
- Ph.D. recognized centers in Arts, Science and Commerce streams.
- International research and exchange programme with Globala *Gymnasiet* (College), Stockholm, Sweden.
- Consistent excellence in Indian sports Kabaddi and Kho-kho at state and national levels.
- Vibrant NSS unit, securing five state level awards.
- Thrust on environment consciousness.
- Highly active Drama Association ‘Natyangan’ at university, state, and national levels.
- Focus on gender sensitization and gender equality, programmes awarded at state level.
- Transparency and accountability in all institutional processes.

Weakness:-

- Limitation of space, Laboratory and other ambitious projects hindering various academic programmes.
- High student – teacher ratio prevents effective interaction.
- Poor English language competence of students

Opportunities:-

- Networking and collaborating with other academic institutions in India and abroad.
- To add on international exchange programmes.
- Networking with Governmental and Non-Governmental agencies to keep pace with the national policies.
- To collaborate with industry for academic – industry programme.
- To introduces add-on courses in social entrepreneurship and theatre skills.
- To promote Entrepreneurship and Skill development
- To have more student and staff exchange programme with foreign universities.

Challenges:-

- Sustaining the importance and viability of pure sciences.
- Make traditional courses competitive while facing competition from professional courses.
- Need of more space for promoting sports.

8. Plans of institution for next year

- To be audited by NAAC for the 3rd Cycle of Accreditation
- To conduct workshop on Research Methodology
- To install Vertical Garden
- To promote bicycle as a means of transport

Name Dr. Chhaya S. Panse

Name Dr. T. P. Ghule



Signature of the Coordinator, IQAC



Signature of the Chairperson, IQAC

Annexure 1:***Academic Calendar of the year 2016-2017***

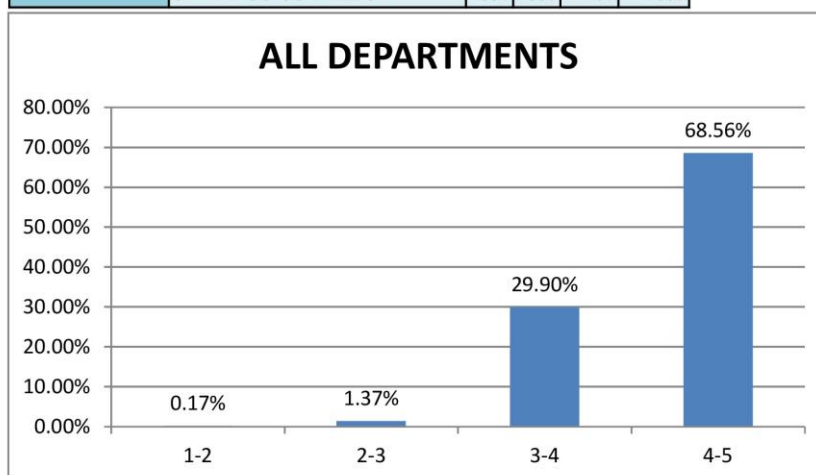
Month	Activities Planned
June	<ul style="list-style-type: none"> • FY/SY/TY Admissions • Rotract Club of the college to be initiated for promoting social activities amongst the students • Certificate Course on Research Methodology & Statistics • Swachh Bharat Abhiyan • Wilhelm Wundt Lecture Series to be organized by the Department of Psychology • International Yoga Day celebration
July	<ul style="list-style-type: none"> • Bridge Course for Students • Orientation for Use of Library • Meeting of Parent Teacher Association (PTA) • “Jeevandaan” blood donation camp • Tree plantation drive at Palghar Reserve Forest in collaboration with Forest Dept., Govt. of Maharashtra • Dengue awareness programme in collaboration with KEM Hospital • Certificate Course on Modi Script • Environment Awareness Rally • Outreach program “FUN WITH CHEMISTRY” for popularization of Chemical Science amongst school students • Celebration of International year of pulses
August	<ul style="list-style-type: none"> • Academic excursions/Field Visits/Industrial Visits/Study Tours • Department of Chemistry to organize workshop on “Radiochemistry and Applications of Radioisotopes”. • Mr. & Ms. Maharshi Contest to be launched
September	<ul style="list-style-type: none"> • Celebration of Founder’s day • Certificate course on Saral Hindi
October	<p>Workshop/Lecture on “GAME THEORY” to be organized by the Department of Statistic</p> <p>Conduct/Evaluation of Examinations</p>
November	Conduct/Evaluation of Examinations
December	<ul style="list-style-type: none"> • 45th Kabaddi Tournament & 36th Kho-Kho Tournament (Men & Women) competitions under the Annual Festival of Indian Games programme • Dayanandotsav • Intercollegiate Science Exhibition – Sci-Pulse 2016 • Alumni Meet-2016 • NSS Residential Camp
January	<ul style="list-style-type: none"> • Annual Sports Day • Annual Festival ‘Vista – 17’ of Department of Computer Science • International Exchange Program: To host a group of students and teachers from Globala Gymnasiet, Stockholm, Sweden, visiting

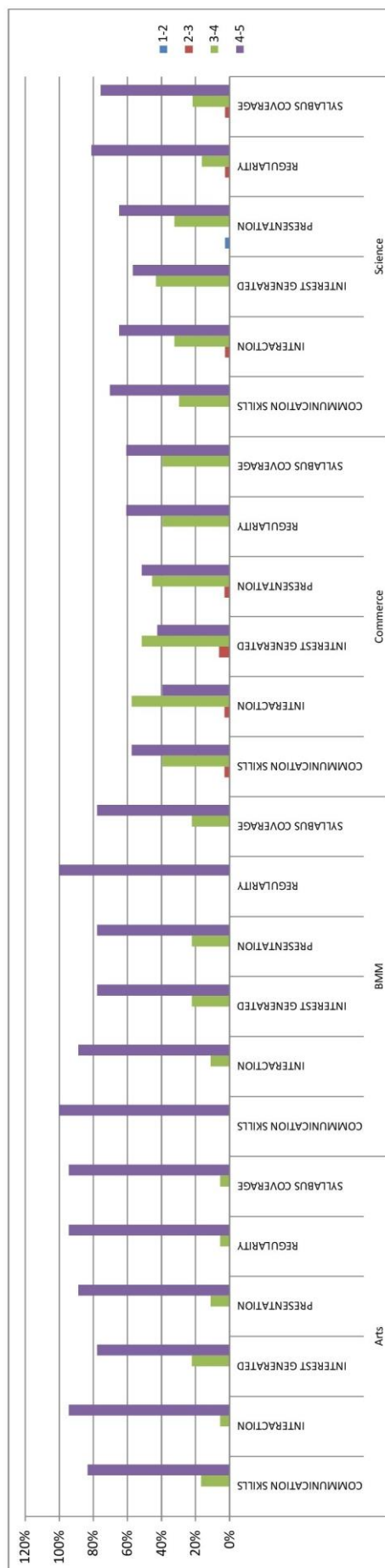
	<p>our college. Various environmental and cultural activities to be organized.</p> <ul style="list-style-type: none"> • Meeting of Parent Teacher Association (PTA) • Acharya Atre Intercollegiate Elocution Competition to be organized by the Department of Marathi
February	<ul style="list-style-type: none"> • Career Fest • Certificate Course in Yoga • Hindi National seminar on the topic “<i>Rajesh Aur Unka Kavya</i>”. • Celebration of ‘<i>Marathi Bhasha Din</i>’
March	<ul style="list-style-type: none"> • SPSS Workshop • Best Outgoing Student Competition to be launched
April	Conduct/Evaluation of Examinations

Annexure 2:

Analysis of the Student feedback

Departments	Attributes	1-2	2-3	3-4	4-5		1-2	2-3	3-4	4-5
Arts	COMMUNICATION SKILLS	0%	0%	17%	83%	Total	0.17%	1.37%	29.90%	68.56%
	INTERACTION	0%	0%	6%	94%					
	INTEREST GENERATED	0%	0%	22%	78%					
	PRESENTATION	0%	0%	11%	89%					
	REGULARITY	0%	0%	6%	94%					
	SYLLABUS COVERAGE	0%	0%	6%	94%					
BMM	COMMUNICATION SKILLS	0%	0%	0%	100%					
	INTERACTION	0%	0%	11%	89%					
	INTEREST GENERATED	0%	0%	22%	78%					
	PRESENTATION	0%	0%	22%	78%					
	REGULARITY	0%	0%	0%	100%					
	SYLLABUS COVERAGE	0%	0%	22%	78%					
Commerce	COMMUNICATION SKILLS	0%	3%	39%	58%					
	INTERACTION	0%	3%	58%	39%					
	INTEREST GENERATED	0%	6%	52%	42%					
	PRESENTATION	0%	3%	45%	52%					
	REGULARITY	0%	0%	39%	61%					
	SYLLABUS COVERAGE	0%	0%	39%	61%					
Science	COMMUNICATION SKILLS	0%	0%	30%	70%					
	INTERACTION	0%	3%	32%	65%					
	INTEREST GENERATED	0%	0%	43%	57%					
	PRESENTATION	3%	0%	32%	65%					
	REGULARITY	0%	3%	16%	81%					
	SYLLABUS COVERAGE	0%	3%	22%	76%					





Annexure 3:***Syllabus Revised in Academic year 2016-17***

Department	Revision
Political Science	Revision at F.Y.B.A in paper I. Included topics like Constitutional frame work (sem I) and Indian political Process (sem II).
Economics	More concept based at F.Y.B.A. At F. B.Com numerical problems and case studies are given weightage
Psychology	F.Y.B.A Paper pattern changed from 75 M to 100 M
Marathi	F.Y.B.A(compulsory) Equal weightage given to functional Marathi and Literature
English	Revision in syllabus for Literature and communication skills at F.Y.B.A and Business communication at F.Y.B.Com
History	History of Modern India introduced at F.Y.B.A
Chemistry	Revision at F.Y.B.Sc Theory and Practicals
Statistics	Time series analysis newly introduced for paper I. Shuffling of topics in semester I and II
Physics	Mathematical Physics introduced at F.Y. B.Sc. Some topics shuffled between Semester I & II
Mathematics	Revision at T.Y.B.Sc . No major changes.
Computer Science	Revision at F.Y and S.Y B.Sc. At F.Y 7 papers with practical of 300 marks has been introduced.
Botany	New topics introduced at T.Y.B.Sc such as Microbiology, Fermentation and Antibiotics, Basic culture technique included palynology and embryology
Zoology	Revision at S.Y.B.Sc Orientation of Research has been introduced
Accountancy	Revision at first year. Common subjects such F.C , Business communication are introduced. BMS in environmental management and Economics is introduced.
Commerce	No major change for F.Y.B.Com and S.Y.B.Com
BMS	Revision at first year. F.C B.C and economics have been introduced
BMM	Revision at T Y B MM: Digital media added to Advertising & Journalism